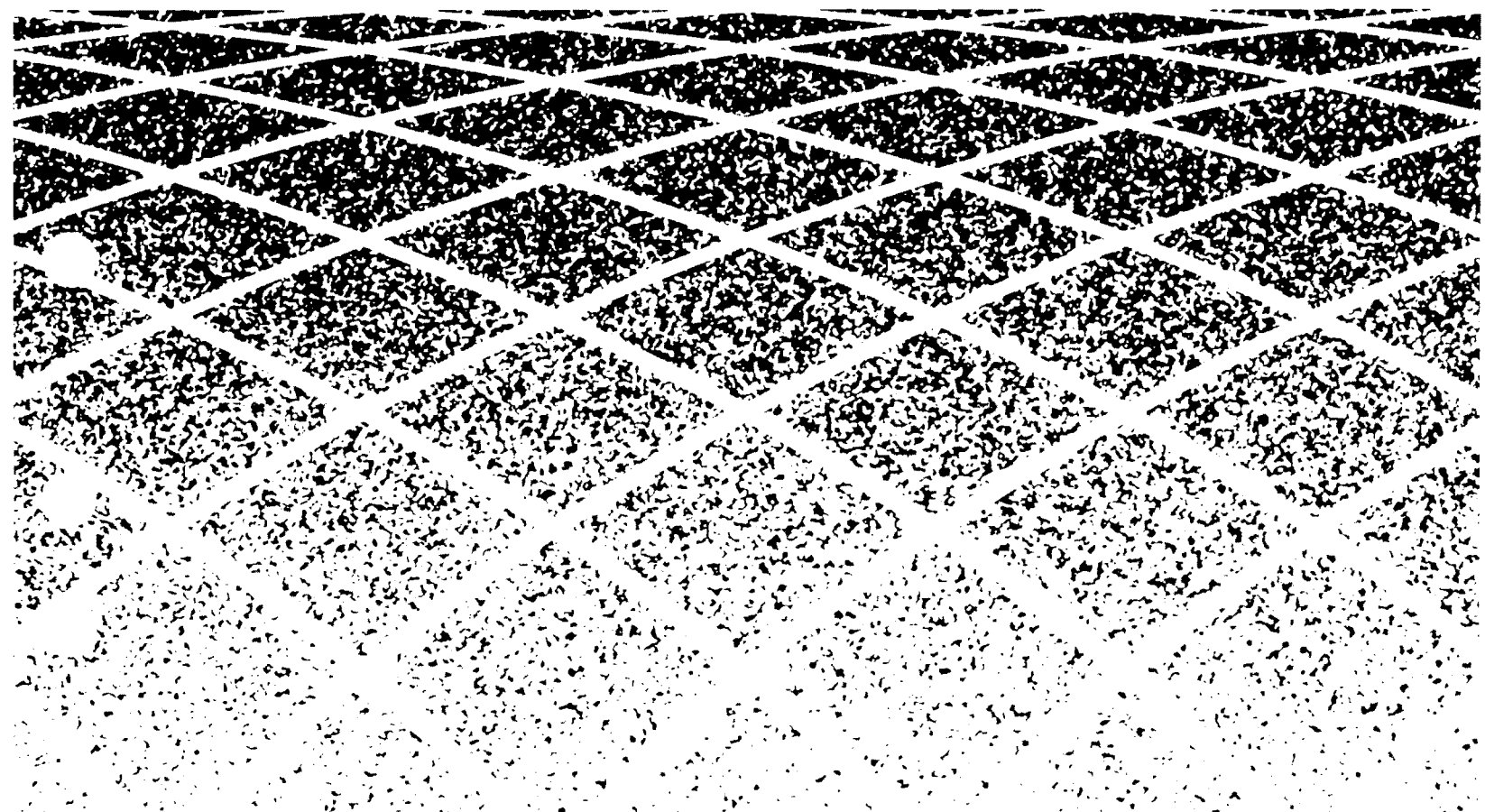




AT&T 000-000-002
Issue 16
June 1995

AT&T Master Index 9-Digit Numbered Documents

Alphabetical and Numerical Listings



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Developed by The AT&T Documentation Development Organization

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Document No.: AT&T 000-000-002

Issue 16

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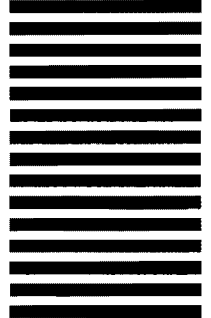
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AT&T Master Index

9-Digit Numbered Documents

Alphabetical and Numerical Listings

1. Overview

Purpose

- 1.01** This master index provides a listing of all AT&T documents that are identified under the 9-digit numbering plan and may be ordered through the AT&T Customer Information Center. These documents are instructions and criteria for planning, engineering, installing, operating, and maintaining telecommunications equipment and software products designed and manufactured by AT&T. These documents also play an important part in the training of personnel.
- 1.02** This index is being reissued as a scheduled revision to include all new and reissued documents.
- 1.03** Recommendations for changes to this index should be forwarded to AT&T Document Number Assignment Administrator, Document Development Organization, 2400 Reynolda Road, Winston-Salem, NC 27106.

Numbering and Referencing

- 1.04** A 9-digit (XXX-YYY-ZZZ) numbering plan is used for AT&T documents with each document being assigned a unique 9-digit number in accordance with the subject matter covered. This plan permits organizing information into various categories to simplify indexing and improve accessing. This plan also provides a convenient means for ordering, distributing, and filing documents.

- 1.05** In the 9-digit numbering plan, the first three digits, XXX, identify major categories of information and are referred to as *division* numbers. The fourth digit, xxx-Y, identifies a subdivision of a given category of information and is referred to as the *layer* number. The fifth and sixth digits, xxx-yyY, represent a further breakdown and are referred to as *sublayer* numbers. This scheme permits the breakdown of a division into subcategories of information. The last three digits, xxx-yyy-ZZZ, identify individual documents within a grouping (layers and sublayers) and are referred to as *key* numbers.

- 1.06** Documents are listed in numerical order and grouped according to divisions applying to specific equipment types and services.

- 1.07** The allocation of divisions according to various categories of equipment and services is shown in Part 3.

Indexing

- 1.08** This *AT&T Master Index 9-Digit Numbered Documents* (000-000-002) contains the following indexes:

- Master Alphabetical Index — All Divisions
- Master Numerical Index — 9-Digit Plan — All Divisional Indexes
- Individual Divisional Numerical Indexes.

- 1.09** *Master Alphabetical Index:* This index, AT&T 000-000-001, provides a list of all subjects covered in AT&T documents that are identified by 9-digit numbers. Each subject is cross-referenced to the numerical division (first three digits) in which

that subject can be found. See Part 2 of this index.

1.10 Master Numerical Index — 9-Digit Plan — All Divisional Indexes: This index, AT&T 000-000-005, provides a list of all numerical divisions. Each division is cross-referenced to the subject matter covered in that division. See Part 3 of this index.

1.11 Individual Divisional Numerical Index: An index of this type, AT&T XXX-000-000, is provided for each division. All AT&T documents within a division, along with their current issue numbers, are listed numerically (nine digits) and the subject matter covered by each is identified. See Part 4 of this index. Each index is updated and released quarterly to include new or reissued documents within that division.

1.12 In addition to this master index, other indexes provide a cross-reference between subject matter and document identity. The arrangement of the content of an index varies according to the intent of the index. The content of a given index may be arranged in one of the following schemes:

- Subject matter listed alphabetically
- Subject matter listed numerically
- Subject matter listed alphanumerically
- Subject matter permuted and listed alphabetically.

Other indexes issued are:

- Divisional Alphabetical Index
- Interdivisional Alphanumerical Index
- Interdivisional Numerical Index.

1.13 Divisional Alphabetical Index: An index of this type is provided only when justified. Each index provides a list of all subjects covered in that division. Each subject is cross-referenced to the AT&T document (nine digits) in which that subject can be found. An example is AT&T 218-000-001, No. 5 Crossbar Offices.

1.14 Interdivisional Alphanumerical Index: An index of this type is provided only when justified. Each index provides a listing of selected AT&T documents (nine digits, AT&T letters, CIRs, selected coded, and OSDDs.), along with their current issue numbers, containing subject matter for a particular system or service offering. The documents (nine digits) are listed under applicable alphabetized headings. The documents under each heading are listed in numerical sequence. An example is AT&T 533-000-001, ESS™ Provided Services — Customer Premises Systems.

1.15 Interdivisional Numerical Index: An index of this type is provided only when justified. Each index provides a numerical listing (nine digits) of all documents (regardless of divisions), along with their current issue numbers, containing subject matter for a particular system or service offering. An example is AT&T 234-000-005, 4 ESS™ Switch.

Reference Symbols

1.16 Various symbols are used to denote special conditions of handling, distributing, etc., and are explained in each index as applicable. The symbols are listed as follows:

1.17 A bullet (●) indicates an item that has been added or changed since the previous issue of the individual index.

1.18 An open square (□) indicates a cancelled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Cancelled items and related notes will be deleted upon reissue of the individual index.

1.19 A square with an enclosed "A" (Ⓐ) indicates an archived item. An archived document is one that, in all probability, will never be revised and/or has had no distribution activity for an extended period of time. Archived documents can be ordered.

- 1.20** A solid square (■) indicates that distribution of this item is limited.
- 1.21** A solid circle with an enclosed "1" (●) indicates an item that will not be distributed on standing order.
- 1.22** A solid triangle (▲) indicates a TOP (Task Oriented Practice.)
- 1.23** An electronic media symbol (Ⓔ) indicates an item is available on CD-ROM, magnetic tape, or other electronic media.
- 1.24** Addenda, revisions, and supplements are listed *above* the associated document. Appendixes are listed *under* the associated document.

Issue Identifiers

- 1.25** Each document is assigned an arabic number as an issue identifier with the first issue being Issue 1. Each reissue is assigned the next higher number. When Issue 99 has been reached, the next issue will revert to Issue 1.
- 1.26** Revisions to documents are numbered and each revision issue is identified by the revision date.

Addenda

- 1.27** An addendum to a document is issued when there is an urgent need to add, to change, or to delete information. Addenda are limited to one sheet (two pages) and only one addendum can exist for a document. Each addendum is self-contained and should be filed in front of the document it adds.
- 1.28** The 9-digit number of an addendum is the same as that of the document it adds. It is assigned an issue identifier and dated in the same manner as other documents.

- 1.29** Addenda are shown in the appropriate divisional numerical index by the word "Addendum" and is listed above the associated document.

Revisions

- 1.30** A revision to a document is issued when there is an urgent need to add, to change, or to delete information. Revisions update documents by page(s) or chapter(s). More than one revision can exist for a document and revisions to a document can accumulate to 50% of the total document before a reissue of the base document is required.
- 1.31** The first revision is designated Revision 1. Additional revisions are designated Revision 2, Revision 3, etc.
- 1.32** The 9-digit number of a revision is the same as that of the document it updates. The date of issue serves as the issue identifier for a revision.
- 1.33** Revisions are shown in the appropriate divisional numerical index by the word "Revision" and is listed above the associated document.

Appendixes

- 1.34** An appendix to a document is used to cover permanent information that is optional or is supplemental to the information within the document. Hence, an appendix does not refer to the issue number of the document being appended.
- 1.35** The first appendix is designated Appendix 1. Additional appendixes are designated Appendix 2, Appendix 3, etc. Each appendix has a unique title describing its contents.
- 1.36** The 9-digit number of an appendix is the same as that of the document it appends. It will be assigned an issue identifier and date of issue in the same manner as other documents.

1.37 Appendixes are shown in the appropriate divisional numerical index by the word "Appendix" and is listed below the associated document.

Supplements

1.38 A supplement to a document is used to cover information that is supplemental to and different from the information within the base document.

1.39 The first supplement is designated Supplement 1. Additional supplements are designated Supplement 2, Supplement 3, etc. Each supplement has a unique title describing its contents.

1.40 The 9-digit number of a supplement is the same as that of the document it supplements. It is assigned an issue identifier and date of issue in the same manner as other documents.

1.41 Supplements are shown in the appropriate divisional numerical index by the word "Supplement" and is listed above the associated document.

Ordering

1.42 Most documents, as well as specific indexes, are available from CIC. Others are available from other AT&T sources through CIC. Order by contacting the AT&T Customer Information Center, P. O. Box 19901, Indianapolis, IN 46219, (800) 432-6600 or (317) 322-0011.

1.43 Only the latest issue of each document is available. The latest issue numbers are shown in the divisional numerical indexes.

1.44 *Addenda, Revision, Appendixes, and Supplements — Hard Copy:* Addenda, revisions, appendixes, and supplements can be ordered in hard copy form without ordering the document being addended, revised, appended, or supplemented. However, if a document having an associated

AT&T issued addendum or revision is ordered, the addendum or revision will automatically be supplied with the document. Appendixes and supplements must be ordered separately.

1.45 *Addenda, Revisions, Appendixes, and Supplements — On Microfiche:* If a document has an associated AT&T issued addendum, revision, and/or appendix and is available on microfiche, the document and its addendum, revision and/or appendix are entered on the same microfiche. Consequently, neither the document nor its addendum, revision, or appendix can be ordered separately.

2. Master Alphabetical Index — All Divisions

Purpose

2.01 This index provides an alphabetically-arranged list of the subjects covered in AT&T 9-digit documents. Each subject is cross referenced to the division in which information pertaining to that subject can be found. Only the first three digits of the 9-digit division number are shown.

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3. Master Numerical Index — 9-Digit Plan — All Divisional Indexes

3. Master Numerical Index — 9-Digit Plan — All Divisional Indexes			Number	Issue	Subject
			030-000-000	--	Calculagraphs, Call Timing Switch, Cameras, Clocks, Counters, Photo Processors, Registers, Selector Multiple Designation Cards, Switches, Tape Printers, Ticketers, Timers, and Time Stamp
			032-000-000	--	Capacitors, Connectors, Cards, Cord Reels, Diodes, Drops, Jacks, Keys, Lamps, Plugs, Resistors, Signals, Sockets, Thermistors, Transistors, and Varistors
000-/019- General Information			034-000-000	--	Distributors, Regenerators, and Regenerative Repeaters for Teletypewriter Service — AMA Tape Reels/Reeler, Cleaning Cabinet, Perforators, Readers, Recorder/Reproducers, Tape Announcing Machine, and Translators
000-000-000	--	Documentation — General Information and Specifications	040-000-000	--	Relays
■ 002-000-000AC	--	Administrative Practices			
005-000-000	--	Abbreviations, Definitions, Drawings, Requirement Tables, Specifications, and Symbols			
006-000-000	--	Graphic Media Systems and Standards			
007-000-000	--	Information Systems			
010-000-000	--	General Methods			
015-000-000	--	Customer Product Information — General, Marketing, Etc. and Services			
019-000-000	--	Educational Material and Services — CEC, Dublin, Hickory Ridge, Etc.	056-/069- Miscellaneous Equipment, Materials, Circuits, and Methods		
			065-000-000	--	Miscellaneous Equipment and Materials
020-/021- Common			067-000-000	--	Concentrators
020-000-000	--	General Information	069-000-000	--	Apparatus and Equipment Cabling, Wiring, Cleaning, Treating, Etc. — Methods
022-/049- Apparatus			074-/099- Tools and Gauges		
024-000-000	--	Amplifiers, Controllers, Control Units, Regulators, and Electron Tubes	074-000-000	--	Catalogue Information — Tools
026-000-000	--	Circuit Breakers, Compensators, Contactors, Control Panels, Fuses and Mountings, Magnetic Switches, Selectors, and Starters	075-000-000	--	Tools and Materials (Common Usage) — Maintenance, Selection, and Use
028-000-000	--	Autotransformers, Bells, Buzzers, Dials, Dial Adapters and Mountings, Gongs, Head Telephone Sets, Headsets, Potentiometers, Rheostats, Ringers, and Sounders	076-000-000	--	Tools and Materials — Switching Systems and Power — Maintenance, Selection, and Use
			080-000-000	--	Tools and Materials — Customer Equipment
			081-000-000	--	Tools and Materials — Outside Plant
			084-000-000	--	Catalogue Information — Gauges — Electrical Indicating Instruments and Meters
			085-000-000	--	Gauges (Common Usage) — Maintenance, Selection, and Use

Number	Issue	Subject	Number	Issue	Subject
100-/109- Test Equipment			179- Signaling Equipment		
100-000-000	--	Test Equipment, Electrical Indicating Instruments and Meters (Common Usage) — Maintenance, Selection, and Use	179-000-000	--	Signaling Circuits and Associated Ringer Circuits
102-000-000	--	Test Equipment, Electrical Indicating Instruments and Meters (Switching Systems and Power) — Maintenance, Selection, and Use	190-/191- Operations Support Systems		
103-000-000	--	Transmission Test Equipment	190-000-000	--	Operations Support Systems — Operations, Maintenance, and Administration
104-000-000	--	Radio Test Equipment	191-000-000	--	Operations Center Deliverable Documentation
105-000-000	--	PBX and Station Test Equipment	193-/195- Computer Applications		
106-000-000	--	Electrical Test Equipment — Outside Plant	193-000-000	--	Computer Applications — Software Support Products
107-000-000	--	Data and Teletypewriter Testing Equipment	195-000-000	--	Interactive Documentation
154-/178- Power			200-/289- Switching Systems		
154-000-000	--	Power Systems — Administration	201-000-000	--	Supplemental Information — Central Offices
155-000-000	--	Alternators, Engine-Alternators, Gas Turbine Alternators, Tone Alternators, Tone Machines, Ringing and Coin Control Generators, Charging Generators and Motor-Generators	205-000-000	--	Automatic Data Test Circuits
157-000-000	--	Batteries	210-000-000	--	Service Observing — Plant and Traffic Desks
159-000-000	--	Engines and Engine Sets, Motors, Dynamotors, and Drives	211-000-000	--	No. 1, 3, 5, and 6 Toll Offices — No. 1, 3, 5, and 6 Toll Switchboards — No. 6A Teletypewriter Switchboard
161-000-000	--	Speed Reduction Units, Converters, Inverters, Air-Dryers, Compressor- Dehydrators, Waveguide Dehydrators, Exhauster Sets, Fans, Tube Cooling Systems, Ventilating Equipment, Call Announcer Machines	212-000-000	--	No. 4A and 4M Toll Switching Systems
163-000-000	--	Interrupters, Ringing Machines, and Pole Changers	216-000-000	--	No. 1 Crossbar Offices
167-000-000	--	Power Plants, Power Units, and Power Supply	218-000-000	--	No. 3, No.5, and No. 5A Crossbar Offices
169-000-000	--	Rectifiers and Filament Supplies	220-000-000	--	Crossbar Tandem Offices
171-000-000	--	Miscellaneous Power Circuits and Equipment	225-000-000	--	Testing Information Applying to Specific Step-by-Step and Community Dial Offices
			226-000-000	--	Equipment Common to More Than One Type Step-by-Step and Community Dial Offices
			227-000-000	--	General and Testing Information Applying to Intertoll Dialing, CAMA, AMA, ANI, Touch-Tone Calling and Common Control Equipment — Step-by-Step Systems
			230-000-000	--	Special Networks — Transaction Network

Number	Issue	Subject	Number	Issue	Subject
231-000-000	--	1 and 1A ESS™ Switches	332-000-000	--	Voice-Frequency Telephone Repeaters, Pilot Wire Regulators, Echo Cancellers/Suppressors, Composite Sets, and Associated Equipment
232-000-000	--	2/2B ESS Switch	333-000-000	--	Interoffice Signaling Systems and Testing
233-000-000	--	3 ESS Switch	340-000-000	--	Picturephone Services — Baseband Video Transmission
234-000-000	--	4 ESS Switch	341-000-000	--	Picturephone Transmission — Performance Plan
235-000-000	--	5ESS® Switch — Digital Switching System	354-000-000	--	Frequency Generating System
240-000-000	--	101 ESS Switch	355-000-000	--	Type K Carrier Telephone Systems and Associated Equipment Components
241-000-000	--	General Trade Switching System	356-000-000	--	Analog Multiplex Terminal Equipment
250-000-000	--	Operator and Traffic Service Position Systems	357-000-000	--	Wire-Line Entrance Links and Broadband Entrance Links and Interconnection
252-000-000	--	Traffic Management Systems	358-000-000	--	Type L1 Carrier Telephone System and Associated Equipment Components
254-000-000	--	Stored Program Control	359-000-000	--	L3, L4, L4S, L5, and L5E Carrier
255-000-000	--	DATAKIT® Processor Controlled and Ancillary Systems for 10A Remote Switching, 1 Packet Switching, and Database Systems	360-000-000	--	Maintenance Center Tests — Equipment Components — Type L1 and L3 Carrier Telephone Systems
256-000-000	--	Common Channel Signaling System (CCSS)	361-000-000	--	Service Center Tests — Type N, O, and ON Carrier Systems
270-000-000	--	Advanced Intelligent Network (A-I-Net™) Products	362-000-000	--	Type N, O, and ON Carrier Telephone Systems and Associated Equipment Components
300-/379- Transmission and Signaling Systems and Testing			363-000-000	--	Loop Transmission Systems
300-000-000	--	Transmission Systems and Testing — Cross Reference Lists	■ 364-000-000AC	--	Submarine Cable Systems
301-000-000	--	Transmission Performance Measurement Plans	365-000-000	--	Digital Transmission Systems
304-000-000	--	Transmission Data	371-000-000	--	Broadband Restoration
309-000-000	--	Switched Services Networks	400-/449- Radio		
310-000-000	--	Non-switched Special Services System	400-000-000	--	Radio Administration
311-000-000	--	Switches Special Services Systems	401-000-000	--	AUTOPLEX® — Cellular Telecommunications Systems
312-000-000	--	Private Line Data Systems and Services	402-000-000	--	Antennas, Transmission Lines, and Waveguide
313-000-000	--	Voice, Data, and Video Transmission Systems	403-000-000	--	Coastal Harbor, High Seas, Overseas, and Emergency Point-to-Point Radio
314-000-000	--	Digital and Analogue Data Transmission Systems	404-000-000	--	Manual Mobile Radio
318-000-000	--	Television Systems			
320-000-000	--	Program Transmission Systems and Services			
330-000-000	--	Cable and Open-Wire Testing and Trouble Location Methods			
331-000-000	--	Transmission and Noise Testing, Central Office PBX Customer Lines and Equipment			

Number	Issue	Subject	Number	Issue	Subject
405-000-000	--	MJ, MK, and ML Mobile Radiotelephone	470-/489- Special Services		
406-000-000	--	Air-Ground Radio	473-000-000	--	Intra-PBX Protection of Service, Code Calling, Customer Training, Dispatching, Emergency Reporting, Interface Trunks, Message Waiting, Recorded Telephone Dictation, Telephone Answering Systems, and Transmitter Transfer
407-000-000	--	Personal Radio Services	475-000-000	--	Call Distributing Systems, Information Desks, and Order Turrets — Customer Equipment
408-000-000	--	Motorola* , RCA† , Federal, REL, Narrowband Auxiliary Channel and Other Non-AT&T Microwave Radio Equipment and TV Off-the-Air Pick-Up Services		--	Force Administration Data System (FADS) — Automatic Call Distributing System (ACD), No. 2A, 2B, and 3A and Call Distributing System No. 4A
409-000-000	--	TE, TJ, TL, and TM Microwave Radio	476-000-000	--	Building Management Systems
410-000-000	--	TD-2 Microwave Radio	478-000-000	--	Private Service Systems
411-000-000	--	TD-3 Microwave Radio	480-000-000	--	Teleconferencing Services
412-000-000	--	TH-1 Microwave Radio	500-/529- Small Business Systems and Station Equipment		
413-000-000	--	TH-3 Microwave Radio	500-000-000	--	General Considerations for Station Installations
415-000-000	--	TD-3D Microwave Radio	501-000-000	--	Small Business Systems and Station Equipment — Station Set Components — Customer Equipment
416-000-000	--	TN-1 Microwave Radio	502-000-000	--	Common Battery — Station Sets
417-000-000	--	3A-Radio Digital Systems	503-000-000	--	Modular Station Sets — Common Battery
419-000-000	--	AR6A Single-Sideband Microwave Radio Systems	504-000-000	--	Selector Consoles, Telephone Consoles, and Apparatus Units
420-000-000	--	Microwave Radio — Common Equipment	506-000-000	--	Small Business Systems and Station Equipment — Public Telephone Sets
421-000-000	--	FR/DR Microwave Radio System	508-000-000	--	Public Telephone Enclosures and Miscellaneous Accessories
422-000-000	--	Common Microwave Radio — Transmission Systems	510-000-000	--	Station Sets and Coin Collectors — Local Battery and Magneto
460-/469- Common to Customer Equipment			512-000-000	--	Automatic Dialers, Station Keys, Key Equipment, Interphone Systems, Modular Units, and Speakerphone Systems
460-000-000	--	General Information — Customer Information	514-000-000	--	Telephone Answering and Announcement Sets and Systems
461-000-000	--	Wiring and Cabling — Customer Equipment	518-000-000	--	Key Telephone Systems, Communications Systems, and Switching System No. 400
462-000-000	--	Drop and Block Wiring — Dedicated Plant and C Rural Wire			
463-000-000	--	Miscellaneous Station Apparatus for Use With Station Installations			

* Motorola is a registered trademark of Motorola, Inc.

† RCA is a registered trademark of RCA Corporation

Number	Issue	Subject	Number	Issue	Subject
529-000-000	--	Station Apparatus and Equipment Intended Solely for Specially-Engineered Lines — Not for General Telephone Use	560-/565- Data Systems Division — Products		
530- Consumer Products			560-000-000	--	Data Systems Products — Cross-Product, Product Independent, UNIX* Microsystems, and Computer Systems
530-000-000	--	Consumer Products — Telephones, Cordless Phones, Answering Machines, Typewriters, Home Wiring and Apparatus	570-/581- Data Terminal and Teletype Equipment		
533-/553- Large Business Systems (Private Branch Exchanges)			570-000-000	--	Teletypewriter General Information — Miscellaneous Apparatus and Auxiliary Equipment
533-000-000	--	Customer Premises Systems — Customer Services Provided by ESS Switches	573-000-000	--	28-Type Teletypewriters
534-000-000	--	Sections Applying to More Than One PBX Series — 500, 600, 700, and 800 Series — Manual and Dial PBX	574-000-000	--	Teletypewriter 30 Series and Teleprinters
536-000-000	--	500 Series PBX	578-000-000	--	Miscellaneous Data Terminals
538-000-000	--	600 Series PBX	579-000-000	--	Teletypewriter Field Maintenance Practices/Field Installation Maintenance Practices
540-000-000	--	Section Applying to More Than One 700 Series PBX Including Centrex CU, Attendant Equipment for Centrex CO, and Touch-Tone Calling	580-000-000	--	Teletypewriter Switching Systems
541-000-000	--	700C and 710C PBX	581-000-000	--	Teletypewriter Selective Calling Systems
542-000-000	--	701- and 711-Type PBX	582-/584- Data Communications Equipment		
543-000-000	--	702A PBX	582-000-000	--	Data Communications Equipment — DATASPEED® Services — System, Services, and Components
546-000-000	--	740-Type PBX	585-/589- Computer Products		
548-000-000	--	750A PBX	585-000-000	--	Computer Products — Adjunct Processors and Service for Business Communications Systems
550-000-000	--	755A PBX	590-/599- Data Sets (100 thru 800 Series)		
551-000-000	--	756A, 757A, 758A, 758B, 758C, 761, and 770 PBX	590-000-000	--	Data Systems — General Information
553-000-000	--	800 Series PBX	591-000-000	--	100 Series Data Sets and Associated Services
554-/559- Business Communications Systems			592-000-000	--	200 Series Data Sets and Associated Services
554-000-000	--	Business Communications Systems — DIMENSION® PBX	593-000-000	--	300 Series Data Sets and Associated Services
555-000-000	--	DEFINITY® Communication System Generic 1 and 2 — System 25, 75, 85, Common Systems, Information Systems Network, and Premises Distribution System			

* UNIX is a registered trademark of Novell, Inc.

Number	Issue	Subject
594-000-000	--	400 Series Data Sets and Associated Services
595-000-000	--	500-Type Service Units and Sets for Digital Systems/Services
596-000-000	--	600 Series Data Sets and Associated Services
598-000-000	--	800 Series Auxiliary Equipment

620-/649- Outside Plant

620-000-000	--	Outside Plant — General
621-000-000	--	Pole Lines
622-000-000	--	Conduit, Manholes, and Cable Vaults
623-000-000	--	Open Wire
624-000-000	--	Multiple Wire
626-000-000	--	Cables, Wire, and Apparatus
627-000-000	--	Aerial, Block, and House Cable
628-000-000	--	Underground Cable
629-000-000	--	Buried Plant
630-000-000	--	Submarine Cable
631-000-000	--	Cable Terminals
632-000-000	--	Cable Splicing
633-000-000	--	Splice Closures
634-000-000	--	Electrical Cable Testing and Identification
635-000-000	--	Electrolysis — Outside Plant
636-000-000	--	Main Frame Terminations and Connectors
637-000-000	--	Cable Pressure Systems
638-000-000	--	Electrical Protection and Bonding
639-000-000	--	Concentrators — Outside Plant
640-000-000	--	Outside Plant — Carrier Apparatus
643-000-000	--	Coil and Capacitor Cases and Apparatus Cases for Inductors and Filters
644-000-000	--	Upkeep
649-000-000	--	Construction Equipment — Outside Plant (also see Divisions 010, 075, 081, 106, and 157)

660-/669- Test Center Operation

660-000-000	--	Test Center Operation
662-000-000	--	Cable and Local Test Desks and Local Test Cabinets

Number	Issue	Subject
664-000-000	--	Testboards for Other Than Special Services
666-000-000	--	Testboards and Test Positions for Special Services
667-000-000	--	Switched Maintenance Access and Servicing Systems
668-000-000	--	Data Test Centers

680-/689- Loop Assignment

680-000-000	--	Loop Assignment — Distribution Services
682-000-000	--	Plant Assignment — Trunk Plant and Special Services

720-/729- Motor Vehicles

720-000-000	--	Motor Vehicles and Construction Apparatus
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740-/749- Materials Management

740-000-000	--	Supplies — General Information
741-000-000	--	Products, Supplies, Systems and Services — Supporting Functions
742-000-000	--	Supply Controls
743-000-000	--	Supply Ordering and Computer Controls
744-000-000	--	Supply Distribution
745-000-000	--	Material Returns
746-000-000	--	Supply Functions — Miscellaneous

750-/759- Business Information Systems

750-000-000	--	BISP General
751-000-000	--	COMMON LANGUAGE*
756-000-000	--	Trunks and Special Services
759-000-000	--	Time Share Program

* Common Language is a registered trademark of Bell Communications Research, Inc.

Number	Issue	Subject	Number	Issue	Subject
760-/779- Building Engineering/Operation			820-000-000	--	1, 1A, 2, 2A, 3 and 4 ESS™, 5ESS® Switches, 1A Processor, and Remote Switching Systems
760-000-000	--	Building Engineering	821-000-000	--	Traffic Service Systems
770-000-000	--	Building Operation	822-000-000	--	Equipment Design and General Equipment Requirements and Engineering Information Traffic Management Systems
780-/789- Engineering Planning			823-000-000	--	101 ESS Switch
780-000-000	--	Network Services Methods	824-000-000	--	Operations Support Systems
781-000-000	--	Technical Planning	825-000-000	--	Common Channel Signaling System (CCSS)
785-000-000	--	Network Access			
788-000-000	--	Business Services Planning and Operations			
790- Engineering Administration			850-/889- Transmission Engineering		
790-000-000	--	Engineering Administrative Practices	851-000-000	--	Special Services Systems — Engineering Design Information
795- Common Language			852-000-000	--	Exchange Area and Operator Services Transmission
795-000-000	--	COMMON LANGUAGE	853-000-000	--	Toll Transmission
800-/839- Equipment Design and General Requirements			855-000-000	--	Carrier Engineering
800-000-000	--	Cross-Reference Lists, Floor Plan Data Sheets, Administrative Information, General Equipment Requirements for Installation and Manufacturing, and General Performance Requirements	856-000-000	--	Mechanized Transmission Engineering Tools
801-000-000	--	Common Systems	857-000-000	--	Program and Television Engineering
802-000-000	--	Power Systems	859-000-000	--	Signal Transmission — Engineering Considerations
803-000-000	--	Electrical Grounding — Methods	860-000-000	--	Picturephone Service Transmission Engineering
804-000-000	--	Toll Systems	865-000-000	--	Transmission Maintenance Systems Engineering
806-000-000	--	Radio Systems and Television Systems	870-000-000	--	Electrical Noise Engineering
807-000-000	--	Data Systems	873-000-000	--	Inductive Coordination
809-000-000	--	Private Branch Exchange Systems	874-000-000	--	Power Supply Systems Data
811-000-000	--	Private Service Systems	876-000-000	--	Electrical Protection Practices
812-000-000	--	Station Systems	877-000-000	--	Corrosion Practices
814-000-000	--	Step-by-Step Systems	880-000-000	--	Data Communications Engineering
816-000-000	--	No. 1 Crossbar System	900-/939- Outside Plant Engineering		
817-000-000	--	Tandem Crossbar System	900-000-000	--	General Information
818-000-000	--	No. 4 Type Toll Switching System	901-000-000	--	Facility Planning — Study Methods and Tools
819-000-000	--	No. 3, No. 5, and No. 5A Crossbar Systems	902-000-000	--	Facility Planning — Applied Transmission
			915-000-000	--	Facility Design — Systems

Number	Issue	Subject
916-000-000	--	Facility Design — Feeder Facilities
917-000-000	--	Facility Design — Distribution Facilities
918-000-000	--	Facility Design — Applied Protection
919-000-000	--	Facility Design — Structure
920-000-000	--	Facility Design — Trunk Facilities
928-000-000	--	Facility Support — Engineering Support Functions
929-000-000	--	Facility Support — Plant Operating Support Functions
930-000-000	--	Facility Support — Maintenance and Upkeep
935-000-000	--	Management Organizing
936-000-000	--	Management Controlling
937-000-000	--	Management Coordinating

Number	Issue	Subject
999- Product Documentation — User		
999-000-000	--	Numerical Index — Product Documentation — User — Data Set, PBX, ACD, Key Set, Telephone Technique, Computers, and Software.

940-/944- Radio Engineering

940-000-000	--	Radio Engineering
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950-/989- General Descriptive Information

951-000-000	--	Equipment Common to More Than One Type of System
953-000-000	--	Switchboard, Desks, and Associated Equipment
955-000-000	--	Step-by-Step and Community Dial Offices
957-000-000	--	No. 1 Crossbar Offices
958-000-000	--	No. 5 Crossbar Offices
966-000-000	--	ESS Switches
970-000-000	--	Transmission Systems
975-000-000	--	Signaling Systems
981-000-000	--	Equipment on Customers' Premises (Special Services and Private Branch Exchanges)
982-000-000	--	Private Service Systems
984-000-000	--	Traffic Service and Traffic Management Systems

4. Divisional Numerical Indexes

Division 000

Documentation General Information and Specifications

000-0 Indexes and General Information

- 000 Indexes
- 010 General Information
- 015 AT&T Internal Directories
- 099 CIRs (Customer Information Releases)

000-1 AT&T Documentation Guidelines

- 000 Indexes
- 100 Documentation Planning Guidelines and Specifications
- 110 Development Guidelines and Specifications
- 120 Production Guidelines and Specifications
- 130 Distribution Guidelines and Specifications
- 150 Engineer Drawing Specifications

000-2 Editorial, Illustrating, and Printing Specifications

000-3 Content Specifications

000-4 Product Specific Documentation Guidelines

000-8 Packaging and Printing Specifications — General Business Systems

Number	Issue	Subject
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000-0 Indexes and General Information

000-000 Indexes

000-000-000	94	Numerical Index — Division 000 — Documentation — General Information and Specifications (5-95)
000-000-001	27	Master Alphabetical Index — All Divisions (06-92)
000-000-002	16	AT&T Master Index — 9-Digit Numbered Documents — Alphabetical and Numerical Listings (6-95)

Number	Issue	Subject
000-000-005	10	Master Numerical Index — All Divisions

000-010 General Information

■ 000-010-012AC	1	Ordering Information for Practices In Microfiche Format
■ Appendix 1 AC	1	AT&T-C Ordering Information for Practices In Microfiche Format — Group Codes
■ Appendix 2 AC	1	Microfiche — Reference Guide
■ 000-010-014AC	1	Subject Matter Expert Procedures for Handling AT&T and AT&T Communications Practices
000-010-016	3	AT&T Documents — Conditions of Releasing, Cancelling, Archiving, and Indexing — (Form E-10215)
■ 000-010-021	2	SPCS Documents — Safeguarding Trade Secret and Other Proprietary Information
■ 000-010-904AC	1	Employee Suggestion Plan — Method of Processing

000-015 AT&T Internal Directories

■ 000-015-000	1	Number to Order Directories 000-015-010, 000-015-011, and 000-015-012
■ 000-015-010	1	AT&T Southern Area Directory
■ 000-015-011	1	AT&T Eastern Area Directory
000-015-012	1	AT&T Western and Central Region Directory
■ 000-015-013	7/95	AT&T International Key Contact Directory
■ 000-015-100	1/95	AT&T Interoffice Communications Directory

000-099 CIRs (Customer Information Releases)

000-099-000	2	Interdivisional Numerical Index Customer Information Releases
000-099-003SI	28	CIR Summary — A Synopsis of Customer Information Releases Recently Distributed
□ 000-099-005	1	Interdivisional Numeric Index Customer Information Releases (CIRs)

Number	Issue	Subject
000-1 Numbering Plan for Documentation-Indexes, Guidelines and Specifications		
000-100 Documentation Planning Guidelines and Specifications		
■ 000-100-000	1	AT&T Documentation Architecture— An Introduction
■ 000-100-001	1	AT&T Documentation Architecture Process and Quality Guidelines
■ 000-100-002	1	AT&T Documentation Architecture Process and Quality Overview
■ 000-100-010	1	Guidelines for Documentation Plans
■ 000-100-015	1	AT&T Documentation 9-Digit Numbering Plan — Process Standard
■ 000-100-020	2	AT&T Documentation 9-Digit Numbering Plan — Advance Notice Process Standard (5-93)
000-110 Development Guidelines and Specifications		
■ Addendum	1	
■ 000-110-001	1	AT&T Documentation Architecture Content and Format Standards (4-92)
000-110-115	3	Top Standards
■ Revision 1	12-92	
■ 000-110-120	1	AT&T Network Systems Customer Documentation— Format Standards
■ Revision 2	10-92	
■ Revision 1	7-92	
■ 000-110-125	1	AT&T Network Systems Customer Documentation — Publishing Standards (4-92)
■ 000-110-135	1	AT&T Network Systems Customer Documentation — Task Oriented Practices (TOP) Standard (4-93)
■ 000-110-140	1	AT&T Documentation Architecture On-Line Documentation Guidelines (1-95)
000-120 Production Guidelines and Specifications		
■ 000-120-000	2	AT&T Documentation Cover and Carton Design Standards — An Overview

Number	Issue	Subject
■ 000-120-001	2	AT&T Documentation Architecture Cover Design Standard
■ 000-120-002	1	AT&T Carton Design Standards Detailed Specifications
■ 000-120-100	1	AT&T Practices — Typesetting Specification
■ 000-120-110	1	AT&T Practices — Printing and Binding Specification
■ 000-120-115	2	AT&T Practices — Illustrating Specification
000-130 Distribution Guidelines and Specifications		
■ 000-130-100	1	Ordering Information
■ Appendix 1 AC	1	AT&T Practices — Index — Coded Distribution
■ Appendix 2 AC	1	A Coded Distribution — Central Office Administration — General
■ Appendix 3 AC	1	B Coded Distribution — Data Sets and Services — 100 Series Thru 600 Series
■ Appendix 4 AC	1	C Coded Distribution — Central Office Equipment — Common, Administrative General Information
■ Appendix 5 AC	1	D Coded Distribution — Headquarters Engineering, Station Apparatus, and Other Common Carrier Practice
■ Appendix 6 AC	1	E Coded Distribution — Central Office Equipment — Apparatus
■ Appendix 7 AC	1	F Coded Distribution — L Type Carrier, Wireline Entrance Links, Frequency Generating Systems
■ Appendix 8 AC	1	G Coded Distribution — Outside Plant
■ Appendix 9 AC	1	H Coded Distribution — Operations Support Systems, Circuit Order and Network Administration
■ Appendix 10 AC	1	J Coded Distribution — Power, Converters, Air Dryers, and Miscellaneous Power
■ Appendix 11 AC	1	K Coded Distribution — Analog and Digital Transmission Systems
■ Appendix 12 AC	1	L Coded Distribution — Analog Multiplex Terminal Equipment
■ Appendix 13 AC	1	M Coded Distribution — Television, Program, Test Equipment

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■ Appendix 14 AC	1	N Coded Distribution — Telegraph Services	■ 000-150-504P	1	Profile: Apparatus, Circuit, and Equipment
■ Appendix 15 AC	1	P Coded Distribution — Private Line Data Services, Equipment and Testing	■ 000-150-506	1	Software
■ Appendix 16 AC	1	Q Coded Distribution — Special Service — Voice	■ 000-150-506P	1	Profile: Software
■ Appendix 17 AC	1	R Coded Distribution — Radio Systems	■ 000-150-508	1	Specification and Microelectronic Component
■ Appendix 18 AC	1	S Coded Distribution — Switching Systems	■ 000-150-508P	1	Profile: Specification and Microelectronic Component
■ Appendix 19 AC	1	T Coded Distribution — Radio Test Equipment	■ 000-150-510P	10	Profile: Product Design Quick (PDQ)
■ Appendix 20 AC	1	U Coded Distribution — Test Equipment — Transmission	■ 000-150-512	10	Electrostatic Discharge (ESD)
■ Appendix 21 AC	1	V Coded Distribution — Power and Engine	■ 000-150-512P	10	Profile: Electrostatic Discharge (ESD)
■ Appendix 22 AC	1	W Coded Distribution — Power	■ 000-150-514P	11/88	Profile: Notification to Use Procedures
■ Appendix 23 AC	1	X Coded Distribution — Meters, Ringing Machines, Picturephone Service, Submarine Cable, TASI Alarm Systems	■ 000-150-516P	10	Profile: AT&T EMC Policy and Guideline
■ Appendix 24 AC	1	Y Coded Distribution — Engineering Design, General Description and Requirements	■ 000-150-518	10	Product Change (PC)
■ Appendix 25 AC	1	Z Coded Distribution — Personal Computers, Processors, Peripherals, Work Stations and Data Networking	■ 000-150-518P	10	Profile: Product Change (PC)
			■ 000-150-520P	11/88	Profile: Product Design for Safety Practice
000-150 Engineer Drawing Specifications			000-2 Editorial, Illustrating, and Printing Specifications		
Product Information Practices (PIPs)					Printing Specification
■ 000-150-000	1/95	Master PIP Index	■ 000-200-010AC	1	AT&T Communications Practices — Printing Specifications
■ 000-150-002	1	Introduction	■ 000-200-011	1	Typesetting Specification
■ 000-150-012P	10/89	Profile: Documentation Planning Guidelines	■ 000-203-150AC	1	AT&T Communications Practices — Standard Word and Phrase List
Common Processes and Practices — Product Design Information			■ 000-245-155	2	Illustrating Specification Customer Products — 66-Type Connecting Blocks
■ 000-150-302	5/94	Assignment of Distribution Codes to AT&T Drawings	000-3 Content Specifications		
■ 000-150-306P	1/95	Profile: PIP Keynote Drawings Content and Retention Requirements	■ 000-300-100	1	Feature Document — Content and Format Specification
■ 000-150-502	1	Information	■ 000-301-100	1	Data Sheet Specification
■ 000-150-502P	1	Profile: Introduction	■ 000-304-150	2	Content Specification for Data Services
■ 000-150-504	1	Apparatus, Circuit, and Equipment			

Number	Issue	Subject
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000-4 Product Specific Documentation Guidelines

000-440 Switching and Signaling Systems

■ 000-440-210	3	US Market Customer Documentation Style Guide
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000-480 Product Design Information

000-480-100	1	Product Design Information Record Retention Requirements
■ 000-480-105	1	Keynote Drawings — Content and Retention Requirements (2-95)

Division 002AC

Administrative Practices

Distribution of this index is limited. It can be ordered individually as 002-000-000AC.

Division 005**Abbreviations, Definitions, Drawings, Requirement
Tables, Specifications, and Symbols****005-0 Indexes****005-1 Abbreviations, Definitions, Drawings, Require-
ment Tables, Specifications, and Symbols**

Number	Issue	Subject
005-0 Indexes		
005-000-000	64	Numerical Index — Division 005 — Abbreviations, Definitions, Drawings, Requirement Tables, Specifications, and Symbols

**005-1 Abbreviations, Definitions, Drawings, Require-
ment Tables, Specifications, and Symbols**

005-100-104	5	Circuit Drawings, Requirements Tables, Circuit Descriptions, X Specifications, Wiring Lists and Terminal Assignment Lists — Description
005-101-111	11	Abbreviations and Letter Sym- bols for Use on Drawings and Product Marking, and in Related Text
■ 005-101-113	1	Accessing Data Pertaining to Electronic Components — Stan- dard Abbreviations to be Used
005-104-100	3	Standard Abbreviations — Elec- tronic Systems — Input/Output Messages
005-105-101	4	Pictorial Wiring Diagrams — Methods Used
005-105-102	1	Tabular Wiring Diagrams — Description
005-108-111	5	Symbols for Circuit Schematic Drawings
005-109-101	3	Circuit Schematic Drawings (SDs) — Descriptive Information
005-111-101	2	New Electronic Switching Sys- tems — Circuit Documentation
005-120-101	5	Description of Circuit Require- ment Tables

Number	Issue	Subject
005-120-102	7	Winding and Spring Designa- tions — Apparatus Connecting Points Referred to in Circuit Re- quirements Tables — Index and General Information
005-120-103	7	Winding and Spring Designa- tions — Apparatus Connecting Points Referred to in Circuit Re- quirements Tables — Standard Since 1931
005-120-104	4	Winding and Spring Designa- tions — Apparatus Connecting Points Referred to in Circuit Re- quirement Tables — Standard Prior to 1931
005-121-101	6	Transmission Test Requirement Tables — Description
005-140-101	1	Cabling, Wiring, and Connecting Terms — Definitions
005-150-101	13	Wiring Symbols, Wiring Abbrevi- ations and Definitions — Wiring and Cabling (5-78)

Division 006**Graphic Media Systems and Standards****006-0 Index****006-1 Drawings on 35mm Microfilm****006-2 Documents on 16mm Microfilm****006-3 Documents on Microfiche****006-4 Facsimile Communication (FAX) Systems****-400 General Information and Guidelines****-401 Plain Paper Fax (PPF)**

Number	Issue	Subject
006-0 Index		
006-000-000	43	Numerical Index — Division 006 — Graphic Media Systems and Standards (5-95)

006-1 Drawings on 35mm Microfilm

006-100-100	7	General Information
006-101-100	2	35mm Microfilm for Installation and Telephone Company — Equipment Maintenance
006-110-100	10	Silver Microfilm Production
006-110-500	6	Inspection Procedures — Silver Microfilm
006-115-100	7	Drawings — Reading and Reproducing
006-115-500	6	Inspection Procedures — Duplicate Microfilm
006-115-800	3	Desk Top Readers — KS-16835 L1 and Dukane Model 576-70 — Maintenance and Replacement of Parts
006-120-100	9	Equipment and Materials for Production, Inspection and Reproduction

Number	Issue	Subject
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006-2 Documents on 16mm Microfilm

006-200-100	2	General Information
006-210-100	3	Silver Microfilm Production
006-210-500	2	Silver Microfilm Inspection Procedures
006-215-100	2	Reading and Reproducing Documents From Microfilm
006-215-500	2	Duplicate Microfilm Inspection Procedures
006-220-100	4	Equipment and Materials for Production, Inspection, and Reproduction

006-3 Documents on Microfiche

Addendum	1	
006-300-100	1	Standards for Microfiche of Source Documents
006-310-100	2	Program Documents On 105mm Microfiche

006-4 Facsimile Communication (FAX) Systems**006-400 General Information and Guidelines**

006-400-100	1	Description, Applications, Definitions
006-400-101	1	Planning of Systems for Internal AT&T Applications
006-400-130	1	Roadrunner Source Book for Fax NOTE: This book is include in 501-501-000 Document Set

006-401 Plain Paper Fax (PPF)

006-401-110	1	AT&T PPF 100 User's Guide
006-401-110A	1	AT&T PPF 100 Read Me First
006-401-115	1	AT&T PPF 300/400 User's Guide
006-401-116	2-95	AT&T PPF 300/400 Study Guide
006-401-117	2-95	AT&T PPF 300/400 Coach's Guide
006-401-118	2-95	AT&T PPF 300/400 Service Handbook

Number	Issue	Subject
006-401-119	2-95	AT&T PPF 300/400 Quick Reference
006-401-125	2-95	AT&T PPF 200 Study Guide
006-401-126	2-95	AT&T PPF 200 Coach's Guide
006-401-127	2-95	AT&T PPF 200 Service Handbook
006-401-128	2-95	AT&T PPF 200 Quick Reference

Division 007**Information Systems****007-0 General Information****007-1 Planning****007-2 Systems Development****007-3 Data Management****007-4 Data Communications****007-5 Data Processing Operations****-591 Computer Security**

Number	Issue	Subject
007-0 General Information		
007-000-000	54	Numerical Index — Division 007 — Information Systems
007-000-101	1	007 Bell System Practices Numbering Plan
007-1 Planning		
007-110-300	1	Information Systems Planning
007-110-350	1	Data Communications Strategic Planning
007-180-301	1	Computer Capacity Planning Methodology
007-2 Systems Development		
007-200-100	1	General Information
007-200-201	1	Glossary of System Development Terms and Acronyms
007-200-310	2	Functional Roles in a Systems Environment
007-201-100	1	Rule Administration
007-203-100	1	Rules for Systems Designed for Large- Scale, General Purpose Computing Equipment
007-203-101	5	Standard Operating Environment — IBM*

Number	Issue	Subject
007-203-102	1	Standard Operating Environment — Sperry UNIVAC — Information System
007-203-110	1	Distribution of Source Code — Centrally Developed Systems
007-203-210	2	Standard Naming Conventions for Systems Operating Under the International Business Machines—Standard Operating Environment
007-204-101	1	Standard Operating Environment — UNIX®*
007-205-310	2	Guidelines to Establish Service Objectives for Computer-Based Information Systems
007-208-310	1	Project Management
007-209-201	2	System Control Standards
007-209-304	1	System Controls and Examination Guide — Preparation Instructions
007-210-320	2	Review Procedures for the Conversion and Operations Impact of Centrally Developed Systems
007-220-300	1	Total System Development — Milestones
007-220-301	1	Total System Development — Proposal Phase Guidelines
007-220-302	1	Total System Development — Feasibility Phase Guidelines
007-220-303	1	Total System Development — Definition Phase Guidelines
007-220-304	1	Total System Development — Preliminary Design Phase Guidelines
007-220-305	1	Total System Development — Detail Design Phase Guidelines
007-220-306	1	Total System Development — Implementation Guidelines
007-220-307	1	Total System Development — Conversion Phase Guidelines
007-220-308	1	Total System Development — Performance Review Phase Guidelines
007-220-310	1	Total System Development — Strategy Options

* IBM is a registered trademark of International Business Machines.

* UNIX is a registered trademark of Novell, Inc.

Number	Issue	Subject	Number	Issue	Subject
007-227-305	1	Developmental Documentation	007-4 Data Communications		
007-227-310	1	Developmental Documentation Specifications — General Information	007-400-100	4	Standard Operating Environment
007-230-210	1	Systems Deliverable Documentation	007-450-200	1	Computer Communications — Trouble and Analysis Standard
007-233-300	1	Testing Recommendations for Information Systems	007-5 Data Processing Operations		
Appendix 1	1	Testing Performance Aid	007-505-320	2	Guidelines to Produce a Service Agreement for Computer-Based Information Systems
Appendix 2	1	Structured Walk-Throughs	007-505-330	1	Guidelines to Produce a Service Agreement — Minicomputer-Based Operations System
Appendix 3	1	Test Plan Guidelines	007-550-300	1	General Information — Minicomputer Maintenance and Operations Center — Computer System Measurement
007-235-300	1	Human Factors for System Development	007-550-301	1	Operation Procedures — Minicomputer Maintenance and Operations Center — Computer System Measurement
Appendix 1	1	Human Factors Performance Aid	007-550-302	1	Minicomputer Operations Group — Maintenance Administration — Minicomputer Maintenance and Operations Center — Computer System Measurement
Appendix 2	1	System Deliverable Documentation Cross-Reference	007-550-303	1	System Protection and Physical Security Requirements — Minicomputer Maintenance and Operations Center — Computer System Measurement
Appendix 3	1	Reference	007-550-309	1	Minicomputer Operations Group (MOG)— Operational Review Procedures
Appendix 4	1	Glossary	■ 007-550-309AC	1	Minicomputer Operations Group (MOG)— Operational Review Procedures
007-240-100	1	Remote Diagnostic Access Facilities — Centrally Developed Systems	■ Appendix 1AC	1	MOG Operational Review — User Perception Survey
007-240-210	1	AT&T Deliverable Systems — Procedures for Maintenance and Continuing Development	007-555-351	2	Minicomputer Maintenance and Operations Center — Center Release Description
007-240-224	1	Change Management Procedures — Modification Request Processing	007-555-352	1	Minicomputer Maintenance and Operations Center — Center Description
007-240-300	1	Change Management Procedures — Change Management Organizational Responsibilities	007-555-353	1	Minicomputer Maintenance and Operations Center — Training Guide — Minicomputer Operations Group
007-3 Data Management					
007-301-201	2	General Information			
007-301-202	2	Data Security Program			
007-301-203	2	Data Attributes and Classification of Data			
007-301-204	2	Protective Measures			
007-301-205	2	Cost-Risk Analysis			
007-301-206	2	Data Security Implementation and Administration			
007-340-102	1	Data Base Administration Interface for Deliverable Centrally Developed Systems			
007-340-301	1	Operational Data Base Administration — Guidelines			

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■ 007-555-353AC	1	Minicomputer Maintenance and Operations Center — Training Guide — Minicomputer Operations Group	007-560-256	1	Ordering Information — User's Manual — Remote Console Unit (RCU) for the PDP 11/45 Minicomputer
007-555-354	1	Minicomputer Maintenance and Operations Center — Center Description — Minicomputer Operations Group	007-560-257	1	Remote Console Unit (RCU) for PDP 11/40 Minicomputer — Method of Operation
■ 007-555-354AC	1	Minicomputer Maintenance and Operations Center — Center Description — Minicomputer Operations Group	007-560-258	1	Remote Console Unit (RCU) for PDP 11/40 Minicomputer — Installation and Test
007-555-356	1	Minicomputer Maintenance and Operations Center — Center Evaluation Guide	007-560-259	1	Ordering Information — User's Manual — Remote Console Unit (RCU) for the PDP 11/40 Minicomputer
007-555-358	1	Minicomputer Maintenance and Operations Center — Center Description — Minicomputer Maintenance Group	007-560-300	2	Minicomputer Reliability Studies System (MRSS) — Computer System Measurement
007-555-359	1	Minicomputer Maintenance and Operations Center — Operations Guide — Minicomputer Maintenance Group	007-560-301	1	Technical Support — Minicomputer Maintenance and Operations Center — Computer System Measurement
007-555-362	1	Minicomputer Maintenance and Operations Center — Training Guide — Minicomputer Maintenance Group	007-560-302	1	Maintenance Organization and Staffing — Minicomputer Maintenance and Operations Center — Computer System Measurement
■ 007-555-363	1	UNIX System Administrator Security Guidelines Minicomputer-Based Operations Systems	007-560-304	1	Types of Minicomputer Systems — Minicomputer Maintenance and Operations Center — Computer System Measurement
007-560-251	1	Method of Operation — Remote Console Unit (RCU) for the PDP* 11/70 Minicomputer	007-560-306	1	Sparing Strategy for Minicomputers — Minicomputer Maintenance and Operations Center — Computer System Measurement
007-560-252	1	Installation and Test — Remote Console Unit (RCU) for the PDP 11/70 Minicomputer	007-560-307	1	Minicomputer Maintenance Group (MMG) Operational Review — Minicomputer Maintenance and Operations Center (MMOC)
007-560-253	1	Ordering Information — User's Manual — Remote Console Unit (RCU) for the PDP 11/70 Minicomputer	007-560-308	1	Minicomputer Vendor Maintenance Operational Review — Minicomputer Maintenance and Operations Center (MMOC) — Minicomputer Maintenance
007-560-254	1	Remote Console Unit (RCU) for PDP 11/45 Minicomputer — Method of Operation	007-560-310	1	Test and Acceptance Procedures for Minicomputer Systems — Minicomputer Maintenance and Operations Center — Minicomputer Maintenance
007-560-255	1	Remote Console Unit (RCU) for PDP 11/45 Minicomputer — Installation and Test	■ 007-560-902AC	1	Minicomputer Maintenance Center (MMC) — Operational Review

* PDP is a registered trademark of Digital Equipment Corporation.

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007-590-200	1	Computer Center Physical Security and Disaster Recovery — Policy Statement and General Information	007-591 Computer Security Information		
007-590-300	1	Computer Center Physical Security and Disaster Recovery — Administration	■ 007-591-005	3	Information and Application Sensitivity Classification
007-590-301	1	Computer Center Physical Security and Disaster Recovery — Identification of the Processing Environment	■ Appendix 1	3	Sensitivity Classification
007-590-302	1	Computer Center Physical Security and Disaster Recovery — Impact Analysis	■ Appendix 2	3	Application Information Sensitivity Classification Approval
007-590-303	1	Computer Center Physical Security and Disaster Recovery — Physical Security	■ Appendix 3	3	Required Controls
007-590-304	1	Computer Center Physical Security and Disaster Recovery — Contingency Planning and Disaster Recovery	■ Appendix 4	2	Supporting Materials
007-590-400	1	Computer Center Physical Security and Disaster Recovery — Physical Security Evaluation	■ 007-591-020	2	AUDIX® Security Guidelines
■ 007-590-400AC	1	Computer Administration and Maintenance System — CompuLert® Description	■ 007-591-105	1	Data Networking Security Guidelines
			■ 007-591-205	3	UNIX System Administrator Security Guidelines MINICOM Puter-Bases Operations Systems
			■ 007-591-305	3	Security Guidelines for Personal Computers
			■ 007-591-310	2	PC Local Area Network Security Guidelines

Division 010**General Methods****010-0 Index, Environmental, CIRs, and Product Availability**

- 010 Product Availability Policies
- 099 Customer Information Releases (CIRs)

010-1 First Aid, Rescue, Fire Fighting, Safety Precautions, Restrictions of Plant Activities, and Radiation

- 100 First Aid and Rescue Procedures
- 105 Fire Fighting
- 110 Safety Precautions
- 120 Central Office/PBX — Restoration, Planning, and Procedures
- 122 Restriction of Plant Activities
- 150 General Safety — Microwave Radiation
- 160 Environmental Protection
- 170 Protection From Exposure to Lead

010-2 Records and Reports**010-3 Administrative Methods**

- 300/309 Maintenance Methods
- 310 General Personnel Methods
- 311 Human Resources
- 315 Employee Profile
- 320 Corporate — Personnel, Employment
- 321 Corporate Recruiting

010-4 Support Services

- 410 Network Communications Services

010-5 Administrative Coordination Methods

- 501 Network Systems — Sales Operations Procedures
- 502 Business Communications Systems
- 504 Corporate Accounting Practices
- 505 Administration of Designed Services
- 510 ISSC (Interfunctional Special Services Coordination)
- 514 Consumer Communications Services (CCS)
- 515 Network Services Division
- 521 FAST (Field Assistance and Support Team)
- 522/523 NTS (Network Technical Support) Plan

010-6 Installation and Change Notice Methods**010-7 Engineering Complaint and Consumer Product Report Procedures****010-8 Quality Planning and Processes**

- 801 Quality Control — General Applications
- 802 Quality Education and Training
- 810 Corporate Support — Bell Labs
- 855 Transmission Systems

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010-0 Index, Environmental, CIRs, and Product Availability		

010-000-000	33	Numerical Index — Division 010 — General Methods (5-95)
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| ■ Addendum | 1 | |
| ■ 010-000-001 | 2 | General-Environmental Visits or Inspections Conducted by Environmental Regulatory Agency |

010-010 Product Availability Policies

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| ■ 010-010-100 | 1 | Product Availability Guide |
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010-099 Customer Information Releases (CIRs)

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| 010-099-004IR | 1 | Interchangeability Marking — AT&T Circuit Packs — General |
| 010-099-005MA | 2 | Maintenance Performed Near Components Encapsulated in Plastic, General |
| 010-099-006IR | 1 | New Bar Code Label Identifying AT&T Manufacturing (Class M) Product Changes |
| 010-099-007IR | 1 | Avoidance of Electrostatic Discharge Rampage, General |
| 010-099-008NP | 2 | 5ESS® Switch IDCU (Integrated Digital Carrier Unit) and SLC® Series 5 Carrier General |
| 010-099-009ML | 1 | Availability of Local Area Signaling Services (LASS) Sales Support Materials, Switching Systems |
| 010-099-010IR | 1 | KS-21479 Single Density Connector |

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010-1 First Aid, Fire, Safety, and Radiation		
010-100 First Aid and Rescue Procedures		
■ 010-100-009AC	1	First Aid Kits (10-92)
010-100-011	2	Rescue of Employee From Manhole
■ 010-100-011AC	2	Rescue of Employee From Manhole (10-92)
010-100-012	2	Rescue of Employee From Pole
010-100-013	2	Rescue of Employee From Live Wire on Ground
010-105 Fire Fighting		
■ 010-105-100AC	1	Outside Plant — General Safety (10-92)
010-110 Safety Precautions		
Addendum	1	
010-110-001	5	General Safety Precautions — Radio, Television, and Carrier Equipment
010-110-002	2	Safety Precautions — Cathode Ray Tubes
010-110-003	3	General Safety Precautions — Fluorescent Lamps
010-110-004	5	Ladder and Ladder Seats — Safety Precautions — General
010-110-005	1	General Office Safety
010-110-006	1	General Safety Precautions — Placing, Removing, or Maintaining Poles, Cables, Guys, Wire, and Strand Near Power
010-110-007	1	Safety Precautions for Materials Management Operations
010-110-009	1	Handling Working Telephone Circuits — Safety Precautions
■ 010-110-011AC	1	Bills of Lading Instructions
010-111-010	2	Electrical Protection When Using Portable AC Operated Tools and Equipment
010-120 Central Office/PBX — Restoration, Planning, and Procedures		
010-120-010	1	Restoration Planning Prior to Possible Water Damage to Central Office and PBX Equipment

Number	Issue	Subject
010-120-011	1	Reconditioning Central Office and PBX Equipment Damaged by Water
010-120-015	1	Cleaning and Restoration of Central Office and PBX Equipment Damaged by Fire
■ 010-120-025	3	AT&T Network Systems Emergency Equipment Delivery and Restoration Plan (12-94)
010-122 Restriction of Plant Activities		
010-122-010	1	During Events of National Interest, Welfare or Emergency
■ 010-122-010AC	2	Restriction of Operational Activities During Events of Federal Emergency Declaration or Public Interest (12-93)
010-130-001	1	Heat Tests — Stored Program Control System — Personnel Safety Guidelines and Requirements
010-150 General Safety — Microwave Radiation		
■ AddendumAC	A	
010-150-001	2	General Educational Information
010-150-002	1	Waveguide Hot Patching and Radiation Protective Garment
010-150-003	1	Power Density and Safe Working Distances in Front of Radar Antennas
010-160 Environmental Protection		
010-160-001	1	The Bell System Code for Environmental Protection
■ 010-160-002	4	Scrap Identification of Material Requiring Special Handling — Environmental
■ 010-160-003	1	Waste Management Programs — World-Wide Environmental
■ 010-160-004	2	Customer Support and Operations Environmental Health and Safety Plan Architecture (2/94)

Number	Issue	Subject	Number	Issue	Subject
■ Addendum	1		■ Appendix 2	1	AT&T TSCA Coordinators
■●010-160-020	2	Underground Storage Tanks — Resource Conservation and Recovery ACT (RCRA) — Environmental	■ 010-160-075	1	Development of Material Safety Data Sheet for AT&T Chemical Products
■ Appendix 1	2	List of Agencies Designated to Receive Notifications	■ 010-160-076	1	Toxicological Evaluation of Chemical Substances
■ Appendix 2	1	Hazardous Substance List	■ 010-160-080	2	Transportation of Hazardous Material and Waste Hazardous Material Transportation Act (HMTA/DOT) — Environmental
■ Addendum	1		■ 010-160-120	1	Sara-Title III: Emergency Planning and Community Right-to-Know Act of 1986 Compliance Requirements
■ 010-160-021	1	Hazardous Waste Resource Conservation and Recovery Act (RCRA) Environmental	■ Appendix 1	1	The List of Extremely Hazardous Substances And Their Threshold Planning Qualities
■ Appendix 1	1	Identification and Listing of Hazardous Waste	■ Appendix 2	1	Tier I/II Reporting Forms October 15, 1987 Federal Register
■ Appendix 2	1	Definition of Solid Waste	■ Appendix 3	1	List of CERCLA Chemicals 40 CFR Part 302 — Table 302.4
■ Appendix 3	1	Schedule for Land Disposal Prohibitions and Establishment of Treatment Standards	■ Appendix 4	1	List of Toxic Chemicals And Toxic Chemical Release Reporting Forms
■ Addendum	1		■ Appendix 5	1	Contacts: AT&T SERCs; Federal Agencies
■ 010-160-060	2	Toxic Substances Control Act (TSCA) — Polychlorinated Biphenyls (PCBs) — Manufacturing, Processing Distribution and Use-Prohibitions	■ 010-160-121AC	1	Hazardous Waste — Resource Conservation and Recovery Act (RCRA) — Environmental (1-93)
■ Appendix 1	1	Toxic Substances Control Act (TSCA) — Polychlorinated Biphenyls (PCBs) — PCB Inspection Manual	■ 010-160-160	2	Ionizing Radiation Protection (9-93)
■ 010-160-070	1	Toxic Substances Control Act (TSCA) Regulations NOTE: Not available from Customer Information Center. Call Subject Matter Expert at 201-851-3781.	■ 010-160-161	1	Procedures for the Control, Use, and Surveillance of Microwave Cooking Oven
■ 010-160-071	2	Toxic Substances Control Act (TSCA) Reporting and Record-keeping Procedures	■ 010-160-170	1	Indoor Air Quality Guidelines (5-92)
■ Appendix 1	1	TSCA Contacts, References and Reporting Forms	■ Appendix 1	1	Indoor Air Quality Guidelines — Air Standards (5-92)
■ 010-160-072	1	AT&T Chemical Substance Management Program — Control of Substances Received at AT&T Locations	■ Appendix 2	1	IAQ Guidelines — Directory of E&S and Medical Personnel (5-92)
■ 010-160-073	1	Guidelines for TSCA R&D Exemption Compliance	■ Appendix 3	1	IAQ Guidelines — Indoor Air Quality Employee Survey (5-92)
■ 010-160-074	1	Toxic Substances Control Act (TSCA) Import/Export of Chemical Substances	■ Appendix 4	1	IAQ Guidelines — Building Survey (5-92)
■ Appendix 1	1	TSCA Import/Export Subject Matter Experts	■ Appendix 5	1	IAQ Guidelines — Sources of Related Information (5-92)
			■ 010-160-180	1	AT&T Occupational Exposure to Bloodborne Pathogens — Methods and Procedures (12-93)

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■ 010-160-181	1	AT&T Occupational Exposure to Lead — Methods and Procedures (7-94)
■ 010-160-182	1	Permit-Required Confined Space (12-94)
■ 010-160-200	1	OSHA — Inspection Compliance Handbook
■ Revision 1	4/95	
■ 010-160-201	3	AT&T Non-Manufacturing Locations Hazard Communication Program (1-93)
■ Addendum	1	
■ 010-160-202	1	Guideline for a Respiratory Protection Program
■ 010-160-203	1	Hearing Conservation
■ Addendum	1	
■ 010-160-204	1	Access to Employee Exposure and Medical Records
■ 010-160-206	1	Personal Protective Equipment (12-93)
■ 010-160-212	1	Procedures for the Control of Hazardous Energy Lockout/Tagout
■ Revision 1	4/95	
■ 010-160-215	1	AT&T Manufacturing Location Hazard Communication Program
■ Addendum	1	
■ 010-160-250	2	AT&T Laser Safety Standard — For Users and Manufacturers
■ Appendix 1	1	Referrals/Forms To Use During An Employee Injury/Illness
■ Revision 1	7/94	
■ 010-160-260	3	Accident Reporting Procedures (3-94)
■ Revision 1	6/94	
■ 010-160-265	3	Occupational Health and Safety and Environmental Protection Plan
■ 010-160-265A1	1	International Occupational Health and Safety and Environmental Protection Plan (12-94)
■ 010-160-266	2	Driver Education Index
■ Addendum	1	
■ 010-160-267	1	Eye Protection
■ Revision 1	6/94	
■ 010-160-268	2	First Aid Kit Practices (3/94)
■ 010-160-271	2	Powered Industrial Vehicles — Methods and Procedures
■ Appendix 1	1	Contacts for AT&T Practice — Powered Industrial Vehicles — Methods and Procedures

Number	Issue	Subject
010-160-290	1	AT&T Practices — Use and Elimination of Chlorofluorocarbons and Halons
Appendix 1	1	AT&T Practices — Environmental Material Manual
Appendix 2	1	AT&T Practices — Regulated CFC Content of AT&T Used Substances

010-170 Protection From Exposure to Lead

010-170-002	1	Occupational Exposure to Lead
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010-2 Records and Reports

010-200-001	1	Procedures for Operational Trouble Reports on Stored Program Control Systems
010-201-001	1	Work Reporting of Central Office Activities — General Description
010-201-009	1	Work Reporting of Central Office Activities — Central Office Cut-over and 1 ESS™ Switch to 1A ESS Switch Conversion
010-201-010	1	Work Reporting of Central Office Activities — Special Services Serving Bureaus
Appendix 1	1	Account 603.4 — Interoffice Testing
Appendix 2	1	Account 604.1 — Ordinary Repair of Central Office Equipment
010-210-001	1	Edge Sorted Cards — Method of Coding, Punching and Sorting
010-250-001	1	Crediting Charges on Test Calls

010-3 Administrative Methods

010-300/309 Maintenance Methods

Addendum	1	
010-300-010	2	Controlled Maintenance Plan for Transmission and Signaling Equipment Serving All Trunks and Special Services
010-300-011	8	Equipment Test Lists — Description
● 010-300-020	3	Plug-In Inventory Control System — Central Office Procedures

Number	Issue	Subject	Number	Issue	Subject
010-300-030	2	Plug-In Inventory Control System (PICS)/ — Detailed Continuing Property Record (DCPR) — Joint Ownership Reporting Procedures	010-303-108	1	Inter-Business Unit Trouble Resolution Process — Section 8 — AMS
Addendum	2		010-303-109	1	Inter-Business Unit Trouble Resolution Process — Section 9 — Paradyne
010-301-001	2	Quality Review Plan for Trunks and Toll Special Services — Evaluation and Review Procedures	010-303-110	1	Inter-Business Unit Trouble Resolution Process — Section 10 — Network Systems
■ 010-302-100AC	2	Digital Control Office (DCO) Maintenance Guidelines	010-303-121	1	Inter-Business Unit Trouble Resolution Process — Job Aid 1 — Customer Trouble Reporting Numbers Reference
■ Appendix 1AC	1	Asset	010-303-122	1	Inter-Business Unit Trouble Resolution Process — Job Aid 2 — Business Unit Data Requirements
■ Appendix 2AC	1	Granger 7400 Transmux	010-303-123	1	Inter-Business Unit Trouble Resolution Process — Job Aid 3 — 1-800-INTER-BU Calling Procedures
■ Appendix 3AC	1	Digital Office Manager	010-303-124	1	Inter-Business Unit Trouble Resolution Process — Job Aid 4 — Products/Services per Business Unit
■ Appendix 4AC	1	MPAC 2500 Mini-Node Technology	010-303-125	1	Inter-Business Unit Trouble Resolution Process — Job Aid 5 — Business Unit Severity Levels
■ Appendix 5AC	1	Digital Data Service DDS/DACS	010-303-126	1	Inter-Business Unit Trouble Resolution Process — Job Aid 6 — Inter-BU Process Expectations
■ Appendix 6AC	1	Digital Central Office — Packet Network Interface (PNI)	010-303-127	1	Inter-Business Unit Trouble Resolution Process — Job Aid 7 — Service Coverage Options
■ Appendix 8AC	2	Universal Services Echo Canceled (USEC)	010-303-128	1	Inter-Business Unit Trouble Resolution Process — Job Aid 8 — General Billing Principles
■ Appendix 10AC	2	745 ACCULINK®	010-303-129	1	Inter-Business Unit Trouble Resolution Process — Job Aid 9 — Acronyms
010-303-000	1	Telecommunications Service Priority (TSP) Description and Procedures	010-303-131	1	Inter-Business Unit Trouble Resolution Process — Network Systems Quick Reference
010-303-100	1	Inter-Business Unit Trouble Resolution Process NOTE: This includes -101 thru -110, -121 thru -129, Tabs and Binder	010-303-132	1	Inter-Business Unit Trouble Resolution Process — GBCS Quick Reference
010-303-101	1	Inter-Business Unit Trouble Resolution Process — Section 1 — Contents	010-303-133	1	Inter-Business Unit Trouble Resolution Process — Paradyne Quick Reference
010-303-102	1	Inter-Business Unit Trouble Resolution Process — Section 2 — Introduction			
010-303-103	1	Inter-Business Unit Trouble Resolution Process — Section 3 — Overview			
010-303-104	1	Inter-Business Unit Trouble Resolution Process — Section 4 — GBCS			
010-303-105	1	Inter-Business Unit Trouble Resolution Process — Section 5 — GIS			
010-303-106	1	Inter-Business Unit Trouble Resolution Process — Section 6 — Inbound/Outbound			
010-303-107	1	Inter-Business Unit Trouble Resolution Process — Section 7 — DCS			

Number	Issue	Subject	Number	Issue	Subject
010-310 General Personnel Methods					
010-310-105	1	ATS (AT&T Transfer System) Overview	■ 010-311-031	1993	Organizational Energy Valuing Relationship (Video)
Addendum	5/94		■ 010-311-032	1993	Personal Patterns Valuing Relationship Video Reference Guide
010-310-110	3/94	ATS/ARS Supervisor Package	■ 010-311-033	1993	Personal Patterns Valuing Relationship (Video)
010-310-112	01/90	Job Skills Dictionary	■ 010-311-034	1993	Interpersonal Synergy Valuing Relationship Video Reference Guide
Addendum	5/94		■ 010-311-035	1993	Interpersonal Synergy Valuing Relationship (Video)
010-310-113	2/94	AT&T Transfer System (ATS) — AT&T Rehire System (ARS) Information Package	■ 010-311-036	1/94	Valuing Relationship Video Series Cover Letter
010-310-114	5/93	AT&T Transfer System (ATS) — AT&T Rehire System (ARS) Reference Card	■ 010-311-037	1993	Number to Order 010-311-036, -030, and, -031
010-310-117	12/89	Supervisor Interview Guide Instructions	■ 010-311-038	1993	Number to Order 010-311-036, -032, and, -033
010-310-118	12/89	Job Requisition Instructions	■ 010-311-039	1993	Number to Order 010-311-036, -034, and, -035
010-310-120	1	AT&T Transfer System Video	■ 010-311-050	1	Money in Motion Financial Package (with 5-1/4 in. diskette)
■ 010-310-130	1	Telecommuting	■ 010-311-051	1	Money in Motion Financial Package (with 3-1/2 in. diskette)
010-311 Human Resources			■ 010-311-054	1	Money in Motion Video Tape (SECAM VHS)
010-311-010	10/90	Diversity Letter of Notice	■ 010-311-056	1	Money in Motion Video Tape (SECAM VHS Horizontal Version — Middle East or Arabic)
⊗ 010-311-011	1987	Managing Differences (1/2" VHS)	■ 010-311-110	3/94	ATS Oscar — Pathfinder
⊗ 010-311-012	1987	Diversity at Work (1/2" VHS)	■ Addendum	12/93	
⊗ 010-311-013	1987	Communication Across Culture (1/2" VHS)	■ 010-311-111	06/93	ATS Oscar — User Guide
⊗ 010-311-014	1990	You Make the Difference (1/2" VHS)	■ 010-311-112	01/92	ATS OSCAR Career/Resource Policies and Practices
⊗ 010-311-015	1990	Supervising Differences (1/2" VHS)	010-311-122	1/92	IMS Folder/Packets
⊗ 010-311-016	1990	Champions of Diversity (1/2" VHS)	010-311-133	1	Workplace of the Future — Unions and the Democratic Vision
⊗ 010-311-017	1990	Profiles in Change (1/2" VHS)	010-311-134	1	Workplace of the Future — The New New Product Development Game
010-311-021	1987	Managing Differences Guide (Chained to -011)	⊗ 010-311-135	1	Workplace of the Future — Transcripts
■ 010-311-022	1987	Diversity at Work Guide (Chained to -012)	010-311-136	1	Workplace of the Future — Transcripts VHS Video
010-311-023	1987	Communications Across Cultures Guide (Chained to -013)	⊗ 010-311-137	1	Workplace of the Future — Condensed Transcripts
010-311-024	1990	You Make the Difference Guide (Chained to -014)	⊗ 010-311-138	2/94	Workplace of the Future — Condensed Transcripts VHS Video
010-311-025	1990	Supervising Differences Guide (Chained to -015)	010-311-139	1	Workplace of the Future Post Conference Report (brochure)
010-311-026	1990	Champions of Diversity Guide (Chained to -016)			
010-311-027	1990	Profiles in Change Guide (Chained to -017)			
■ 010-311-030	1993	Organizational Energy Valuing Relationship Video Reference Guide			

Number	Issue	Subject	Number	Issue	Subject
010-311-140	6/93	Workplace of the Future Full Length Version AT&T/IBEW Conference June 16, 1993 (VHS Video)	010-311-159	1	Workplace of the Future — G.E. Keeps Those Ideas Comming
010-311-141	6/93	Workplace of the Future Edited Version AT&T/IBEW Conference June 16, 1993 (VHS Video)	010-311-160	1	The Global Business Communication Systems Associate Support Guide (5/pk)
010-311-142	6/93	Workplace of the Future Luncheon Speaker Bernard Delury AT&T/IBEW Conference June 16, 1993 (VHS Video)	010-311-161	9/94	Workplace of the Future — NSD-NOET Quality/Process Management (Video)
010-311-143	6/93	Workplace of the Future Bob Allens Introduction 3:48	010-311-163	8/94	Quality Improvement Cycle Team Leader Training QU0101 — NSD-NOET
010-311-144	6/93	Workplace of the Future Booklet	010-311-165	11/94	NSD's Activity Based Information Platform Student Guide
010-311-145	1	Workplace of the Future Progress Report	010-311-167	1	Workplace of the Future QU0400 — NSD/NOET
Addendum	1		010-311-169	1	Workplace of the Future — Assessing Your Team; Team Members Manual (2-95)
010-311-146	1	Workplace of the Future Resource Guide	010-311-170	1	Workplace of the Future — Assessing Your Team Leader Pkg. (2-95)
010-311-147	1	Workplace of the Future — Creating the Corporate Future			
010-311-148	1	Workplace of the Future — Idealized Design: Creative Corporate Visioning	010-313 Benefits		
010-311-149	1	Workplace of the Future — The Coming of the New Organization	010-313-010	12/91	Overview of Benefits and Employee Advantages
010-311-150	1	Workplace of the Future — Work Teams Can Rev Up Paper Pushers, Too	010-313-020	1/94	Supervisor's Guide to OEPS (Occupational Employment Placement System)
010-311-151	1	Workplace of the Future — Values Make the Company. An Interview With Robert Haas			
010-311-152	1	Workplace of the Future — Creating Quality Cultures in the East and West	010-315 Employee Profile		
010-311-153	1	Workplace of the Future — Different Teams for Different Folks	010-315-000	3	Employee Profile Reference Guide Asset/EPs Reference Guide
010-311-154	1	Workplace of the Future — To Create Quality, First Create the Culture			
010-311-155	1	Workplace of the Future — What Should the Learning Organization Learn	010-320 Corporate — Personnel, Employment		
010-311-156	1	Workplace of the Future — Redesigning Sociotechnical Systems Design: Concepts and methods for the 1990's	010-320-063	1	Occupational Performance Appraisal
010-311-157	1	Workplace of the Future — Managing Without Managers	010-320-079	1/95	OTT-Plus Supplement
010-311-158	1	Workplace of the Future — How I Learned to Let My Workers Lead	Addendum	9/94	
			010-320-080	02/94	Separation Package — Involuntary Includes: One Supervisor's Guide and One Employees Guide
			010-320-081	10/94	Separation Package — SIPP/VIPP Includes: One Supervisor's Guide and One Employees Guide

Number	Issue	Subject	Number	Issue	Subject
■ Addendum	4/93		■ 010-400-003	1	Word Processing Reference Manual
■ 010-320-082	6/91	Com Package — Non-Management — Includes One Supervisor's Guide and Five Employee Guides	■ Appendix 1	1	Introduction
■ 010-320-083	8/93	Income Protection Plan (SIPP)	■ Appendix 2	1	Major Steps In the Workflow Cycle
■ 010-320-084	11/92	AT&T OP VRCP Communication Package	■ Appendix 3	1	Service Tracking System
■ 010-320-085	9/93	Special Leave Program/Occupational Employees	■ Appendix 4	1	Generic Job Descriptions
■ 010-320-087	06/93	Administration Guide — Occupational Force Management Includes: Text, Tabs and Cover/Spine Inserts for 2" Binder	■ Appendix 5	1	Word Processing User's Manual
■ 010-320-088	9/93	Extended Employment Compensation Option — Employee Communication Package	■ Appendix 6	1	Word Processing Equipment Implementation
■ 010-320-089	10/94	Extended Compensation Separation Package	■ Appendix 7	1	AT&T Correspondence Guidelines
■ 010-320-090	04/91	Career Transfer — At Risk Employee Package (PACT)	■ Appendix 8	1	Guidelines for Preparing Viewgraphs
■ 010-320-091	04/91	Career Transfer — Retained Employee Complete Package (PACT)(Only Management Employees May Order)	■ Appendix 9	1	General References
■ 010-320-092	12/91	Career Transfer — Supervisor's Manual	■ Appendix 10	1	Local Use
■ 010-320-100	06/91	Separation Package — SIPP/VIPP (Atlanta Payroll)	■ 010-400-004	1	Correspondence Guidelines
■ 010-320-102	11/93	Complete Package — Non-Bargained Occupational SIPP & VIPP	■ 010-400-005	1	Secretarial Procedures Manual
010-321 Corporate Recruiting			■ 010-400-006	1	Secretarial Procedures Manual for EUO and Corporate Headquarters
010-321-010	1	Student Employee Programs (Brochure) (100/pkg)	■ 010-400-007	1	Secretarial Procedures Manual for Technologies and CSO
■ 010-321-015	1	Connect With the Future (50/pkg) (AT&T Campus Recruitment Literature)	■ 010-400-025	10/89	Copier Selection/Procurement Process
■ 010-321-016	1	Connect With the Future (Tri-fold Brochure) (50/pkg) (AT&T Campus Recruitment Literature)	■ 010-400-031AC	1	Mail Center Operations Guidelines
010-4 Support Services			■ 010-400-034AC	1	Mail Center Design & Equipment Guide
■ 010-400-002AC	1	User's Guide Communicating Using the AT&T 6300 Personal Computer — SAMNA Word III and Crosstalk	■ 010-400-035	3	External Mail Delivery Guide
			■ 010-400-041AC	1	Methods and Procedures for Records Management
			■ Appendix 1AC	1	Records Management Responsibilities
			■ Appendix 2AC	1	Records
			■ Appendix 4AC	1	How to Organize Records
			■ Appendix 5AC	1	Indexing, Filing, and Retrieval Systems
			■ Appendix 7AC	1	Records Retention
			■ Appendix 8AC	1	Antitrust Document Retention
			■ Appendix 9AC	1	Computerized/Electronic Systems — Retention
			■ Appendix 10AC	1	Storing Records
			■ Appendix 11AC	1	RPCs (Records Protection Centers)
			■ Appendix 12AC	1	Departmental Quality Reviews
			■ Appendix 13AC	1	Contacts for Records and Information Management

Number	Issue	Subject
■ 010-400-042AC	1	Records Protection
■ Appendix 1AC	1	Glossary — Records and Information Management (RIM) Terms
■ Appendix 2AC	1	Potentially Vital Information/Records by Function
■ 010-400-043AC	1	Micrographics
■ Appendix 1AC	1	Glossary of Micrographic Terms Used in AT&T Practices
■●010-400-050AC	1	Minority and Women Business Enterprise Program — Methods and Procedures
■ 010-400-052AC	1	Material Safety Data Sheet
■ Appendix 1AC	1	Hazardous Material Article
■ 010-400-061	1	Food Services Operations Manual
■ 010-400-070	1	Building Operations Support System (BOSS) Floor Space Report

010-410 Network Communications Services**AT&T Mail**

010-410-100	1991	AT&T GMS — User's Guide
010-410-101	1	AT&T GMS — Command Card
010-410-102	1	AT&T GMS — Mailtalk User's Guide
010-410-103	1	AT&T GMS — Pricing Guide
010-410-104	1	AT&T GMS — Billing Guide
010-410-105	1	AT&T GMS — Registration Form
010-410-106	1	AT&T Mail — Service Update
010-410-107	1	AT&T GMS — Pricing Update
010-410-108	1	AT&T GMS — International/Domestic Accounts
010-410-109	1	AT&T GMS — UNIX®* User's Guide
010-410-110	1	AT&T GMS — LAN User's Guide
010-410-111	1	AT&T GMS — Gateway 400
010-410-113	1	AT&T GMS — UNIX Administrator's Guide

AT&T Enhanced FAX

010-410-208	1	AT&T Enhanced Fax — User's Guide (1/91)
010-410-300	07/90	Enhanced FAX Training

Number	Issue	Subject
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010-5 Administrative Coordination Methods
010-501 Network Systems — Sales Operations Procedures

■ 010-501-013	4/91	Network Systems Customer Service — Understanding the AT&T Order Processing Systems
■ 010-501-014	1	CSR — Advance Planning Job
■ 010-501-015	12/90	Customer Service Representative (CSR) — Advanced Planning
■ 010-501-016	12/90	CSR—Engineer, Furnish, and Install
■ 010-501-017	12/90	CSR — TCE Orders
■ 010-501-019	12/90	CSR — Plant
■ 010-501-020	12/90	CSR — Lighthouse and Exchange Cable
■ 010-501-021	1	Customer Service Rep. CEE
■ 010-501-025	2	Editor — Editing and Sourcing
■ 010-501-026	2	Editor — Discrepancy Clearance/Reports
■ 010-501-028	12/90	Expediter
■ 010-501-029	1	Customer Service Representative Expediter Job Aid
■ 010-501-031	12/90	Customer Service Clerk
■ 010-501-035	4/91	Reference Manual
■ 010-501-040	8/87	Network Systems — Technical Consulting
010-501-100	1	ICISS (Interactive Customer Invoicing Support System)
010-501-115	1	Customer Billing Information
010-501-120	1	Customer On Line — Miscellaneous
■ 010-501-125	2	COTS User's Guide (11-93)
■ 010-501-140	1	ICOPS Information Guide
■ 010-501-145	1	Customer Billing Information System (CBIS) Data Description Guide (4-95)
010-501-200	1	Your Corporate Telecommute Handbook (for switching acct. reps) (includes: handbook, pocket folder, brochure, and sample letter)

010-502 Business Communications Systems

■ 010-502-030	4/91	AT&T Service Contractor Handbook
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* UNIX is a registered trademark of Novell, Inc.

Number	Issue	Subject	Number	Issue	Subject
■ 010-502-040	3	Project Manager's Guide (for Sales and Installation Capability)	■ 010-504-105	1/95	Financial Coding Guide — NSD (Network Services Division)
■ 010-502-041	1	Software Associate/Specialist Job Aid	■ Appendix 1	1/95	Job Aid for NSD Product Services Codes
■ 010-502-042	1	Order Entry/Billing Administrator Guide	■ 010-504-106	3/94	Financial Coding Guide — CSF (Common Support Functions)
■ 010-502-043	1	Assistant Contract Manager's Guide	■ 010-504-107	10/93	Financial Coding Guide — CSFO
■ 010-502-060	1	Account Executives Streamlined Implementation Guide	■ 010-504-108	8/94	Financial Coding Guide — IMS (Information Management Service)
010-504 Corporate Accounting/Financial			■ Addendum	4/93	
■ Addendum	1/95		■ 010-504-109	4/93	Financial Coding Guide — CP (Communications Products)
■ 010-504-020	5	Financial Management Language (FML) Standards	■ 010-504-112	10/92	Financial Coding Guide BS (Includes Key-Word Index)
■ 010-504-021	1	FML Strategic Logical Data Model (11-94)	■ 010-504-113	10/92	Financial Coding Guide BS (Includes Key-Word Index)
010-504-030	3/94	Revenue Journalization Management (RJM) Reference Card	■ 010-504-114	5/92	AI 1 (Accounting Instructions)
■ 010-504-031	1994	RJM Revenue Account Glossary Revenue Journalization Management Accounting Glossary	■ 010-504-115	1/95	AI 2 (Accounting Instructions)
■ 010-504-032	4/94	Revenue Journalization Management (RJM) Communications Services Financial Code Reference	■ Addendum	11/94	
■ 010-504-061	5/93	AFIRS User Guide (2 Vol. Set)	■ 010-504-116	10/93	AI 3 (Accounting Instructions)
■ Addendum	8/94		■ Addendum	5/92	
■ 010-504-065	1	Financial Inventory Reporting Subledger and Tracking (FIRST) User Guide	■ 010-504-117	2	AI 4 (Accounting Instructions)
■ 010-504-066	10/93	Network Systems Visibility Platform (NSVP) User's Guide	■ 010-504-118	11/93	AI 5 (Accounting Instructions)
■ Addendum	3/95		■ Addendum	10/94	
■ 010-504-070	1/95	PRISM (Process Initiative Services Management) User Guide	■ 010-504-119	11/93	AI 6 (Accounting Instructions)
■ 010-504-101	12/94	Financial Coding Guide — CCS (Consumer Communications Services)	■ 010-504-120	4/93	AI 7 (Accounting Instructions)
■ 010-504-102	1/95	Financial Coding Guide — BCS (Business Communications Services)	■ 010-504-122	1/95	Chart of Accounts — CCS
■ 010-504-103	12/93	Financial Coding Guide — ICS (International Communications Services)	■ 010-504-123	2/95	Chart of Accounts — BCS
■ Addendum	9/93		■ 010-504-124	2/93	Chart of Accounts — IOD
■ 010-504-104	10/92	Financial Coding Guide — ELS (AT&T Easylink Service®)	■ 010-504-125	7/92	Chart of Accounts — ELS
			■ 010-504-126	9/94	Chart of Accounts — NSD (Network Services Division)
			■ 010-504-127	3/94	Chart of Accounts — CSF
			■ 010-504-128	10/92	Chart Of Accounts — CSFO
			■ 010-504-129	8/94	Chart of Accounts — IMS
			■ 010-504-130	4/93	Chart of Accounts — CP
			■ 010-504-132	3/93	Chart of Accounts — BNS
			■ 010-504-133	10/92	Chart of Accounts — BS
			■ 010-504-134	10/92	Chart of Accounts — CS
			■ 010-504-145	1/95	Project Service Hierarchy — List of CCS's Domestic and International Product/Service (P/S) Managers, P/S Hierarchies and P/S Codes
			■ 010-504-200	2/95	Corporate Accounts Payable Policy and Procedures Manual

Number	Issue	Subject
■ Addendum	1	
■ 010-504-201	5	Financial Management Language Strategic Logical Data Model — October 1994

010-505 Administration of Designed Services

Addendum	1	
010-505-100	2	Administration of Designed Services

010-506 AT&T Corporate Business Practices

■ 010-506-100	1	AT&T Business Case Standards
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010-510 ISSC (Interfunctional Special Services Coordination)**Administration**

010-510-001	1	Bell System Practices Numerical Index
010-510-005	1	Glossary
010-510-100	1	Overview
010-510-105	1	Administrative Team Responsibilities
010-510-110	1	Special Services Provisioning Process
010-510-120	1	Area Team Responsibilities
010-510-121	1	Area Chairperson — Responsibilities

Organizational and Area Team Member Responsibilities

① 010-510-200	2	Business Service Center
010-510-201	1	Business Marketing
010-510-202	2	Business Relations — Other Common Carriers
① 010-510-203	2	Bell-Independent Relations
010-510-204	1	Business Marketing — Customer Education Delivery
010-510-205	1	Network Services — Circuit Provision Center
010-510-206	1	Network Services — Distribution Service
010-510-207	1	Support Services — Materials Management
010-510-208	1	Network Services — Network Implementation
010-510-209	1	Installation and Maintenance
010-510-210	1	Business Segment Engineering Center

Number	Issue	Subject
010-510-211	1	AT&T Communications
010-510-212	1	AT&T Technologies
010-510-213	1	Comptrollers
010-510-214	1	Centralized Operations Group

Inquiries, Orders, Project Planning, and Marketing Requirements

① 010-510-300	2	Inquiries, Memorandum, and Orders
010-510-301	1	Control Team Assignment
010-510-302	1	Interval Determination Procedures
010-510-303	1	Project Planning and Coordination
010-510-304	1	Tracking Systems and Status Handling Procedures
010-510-305	1	Escalation Procedures
010-510-306	1	Provisioning Analysis Procedures
010-510-307	1	Multi-State Marketing Requirements

ISSC — AT&T Communications

■ 010-510-900AC	1	Practice References and Acronym Definition
■ 010-510-902AC	2	Overview
■ 010-510-903AC	2	Headquarters Administrative Team Responsibilities
■ 010-510-904AC	2	Regional Team Responsibilities
■ 010-510-905AC	2	Regional Chairperson Responsibilities
■ 010-510-906AC	2	Business Marketing
■ 010-510-908AC	2	Organizational and Regional Area Team Responsibilities — Customer Service Design Engineer
■ 010-510-909AC	2	Organizational and Administrative Team Responsibilities — Accounting
■ 010-510-910AC	2	Organizational and Regional Team Member Responsibilities — Network Services — Network Implementation
■ 010-510-911AC	2	Organizational and Region Team Responsibilities External Affairs — Industry Relations
■ 010-510-912AC	2	Escalation and Jeopardy
■ 010-510-913AC	2	Project Planning and Coordination Procedures

Number	Issue	Subject
■ 010-510-914AC	2	Intervals/Expedites
■ 010-510-915AC	2	Service Inquiries, Service Request, and Confirming Informal Orders Private Line, WATS/800 Services
■ 010-510-916AC	2	Completion Procedures
■ 010-510-920AC	2	Organizational and Headquarters Team Member Responsibilities AT&T Business Relations Interchange Carriers and Resellers
■ 010-510-921AC	2	AT&T WATS/800 Service/Expedites
■ 010-510-922AC	1	Work Stoppage Procedures

010-511 Cost Management — Natural Unit Inventory — Statistics Definitions and Source

Inventory Facilities

■ 010-511-010AC	1	AT&T Switched Network
■ 010-511-011AC	1	AT&T Switched Networks
■ 010-511-020AC	1	Facilities
■ 010-511-030AC	1	Special Services
■ 010-511-031AC	1	Cost Management — Manual Natural Unit Inventory Items Special Services
■ 010-511-040AC	1	Customer Premise Equipment Services
■ 010-511-050AC	1	Support Services

Operations Department — Classified Hours and Materials Reports

■ 010-511-060	3	General Accounting
■ Appendix 1	2	Glossary
■ Appendix 2	2	References
■ 010-511-061	4	Mini Computers
■ Appendix 1	4	Mini-Computer Maintenance Chart
■ Appendix 2	3	Cost of Service
■ 010-511-062	4	Support Services Expense Accounting
■ Appendix 1	4	Cross Reference Table
■ Appendix 2	5	FML Account Coding of Chargebacks
■ Appendix 3	3	Suffix Translation Table
■ 010-511-063	2	Telecommunications Plant Account
■ Appendix 1	3	Capital and Depreciation Accounts

Number	Issue	Subject
■ 010-511-064	5	Operating Expense Accounts
■ Appendix 1	5	Telephone Plant Maintenance Accounts
■ 010-511-065	3	Operations Department Classified Hours And Materials Reports — Special Service Serving Bureaus (5-92)
■ 010-511-066	3	Miscellaneous Time Charges
■ Appendix 1	3	Non-Productive Time Reporting
■ 010-511-067	1	Network Services Division — Product Service/Study Code— Definition and Elements

010-512 CSO (Central Service Organization)

■ 010-512-100	1	CSO Accounts Payable Policy and Procedures Manual (10/91)
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010-514 Consumer Communications Services (CCS)

■ Addendum	10/93	
■ 010-514-100	10/93	CLD/DS CAM Team Process Documentation
010-514-110	1/95	Data Management CCS Account Maintenance Process Flows

010-515 Network Services Division

■ Addendum	2	
■ 010-515-150	1	Contract Procedures Handbook

010-521 FAST (Field Assistance and Support Team)

Addendum	1	
010-521-100	2	Data Technical (DATEC) Support
010-521-101	7	DATEC Support — Designee Directory
010-521-200	2	Voice and Non-Data Special Services Technical (VOITEC) Support
010-521-300	1	Software Technical (SOFTEC) Support
010-521-400	1	Customer Switching Technical (CSTEC) Support

010-522/523 NTS (Network Technical Support) Plan

AT&T-C (AT&T Communications)

010-522-100	3	Description
010-522-101	3	Designee Directory

Number	Issue	Subject	Number	Issue	Subject
BOCs (Bell Operating Companies)			010-8 Quality Planning and Processes		
010-523-100	2	Description	010-801 Quality Control — General Applications		
010-523-101	2	Designee Directory	AT&T Quality Workbench		
010-555 Contract Billing System (CBS)			010-801-010	1.4	SQC Troubleshooter with Software
■ 010-555-100	10/93	CBS Private Line User's Guide (Text Only)	010-801-013	3.0	STAR User Documentation
■ 010-555-101	10/93	CBS Private Line User's Guide (Tabs Only)	010-801-016	1	Quality Engineering Using ROBUST Design
010-6 Installation, Planning, Development, and Change Notice Methods			■ 010-801-020	3.0	STAR® (Statistical Analysis of Reliability) License/AT&T 6386 WGS
010-600 Control Processes and Procedures			■ 010-801-020R	05/91	Annual STAR Licence Renewal
■ 010-600-000AC	1	Control Responsibilities and Procedures	■ 010-801-021	3.0	STAR Licence for SUN* Work
010-7 Engineering Complaint and Consumer Product Report Procedures			■ 010-801-022	3.0	STAR Licence for DEC VAX†
010-700-010	3	Origination and Processing	■ 010-801-023	3.0	STAR Licence for IBM‡ System 370
■ 010-700-010AC	4	Customer Assistant Request — Originating and Processing	■ 010-801-024	3.0	STAR Licence Hotline Supplement
■ Appendix 1AC	4	Instructions for Form P3297	■ 010-801-030	3.0	STAR Installation Package for AT&T 6386 PC
■ Appendix 2AC	4	Number Plan Development	■ 010-801-031	3.0	STAR Installation Package for Sun-4/Sun SPARC Station
■ Appendix 3AC	4	Processing — Switching Systems	■ 010-801-032	3.0	STAR Installation Package for DEC VAX
■ Appendix 4AC	4	Processing — Facility Systems	■ 010-801-033	3.0	STAR Installation Package for IBM System 370
010-700-011	2	General Trade Products — Originating and Processing	■ 010-801-034	3.0	STAR Installation Package for SUN (9 Trk)
■ 010-700-011AC	1	Region Designed Arrangements — Originating and Processing	■ 010-801-041	3.0	AT&T STAR Installation Package for SUN
010-700-030	1	Procedure for Expedited Handling of Certain Defective Equipment and Apparatus — GEC-8400 and GEC-8800	■ 010-801-042	3.0	AT&T STAR Installation Package for DEC
010-701-010	1	Field Surveys of Products — General Description	■ 010-801-043	3.0	AT&T STAR Installation Package for IBM
010-710 Product Engineering Control Center (PECC) Information Management System (PIMS)			■ 010-801-044	3.0	AT&T STAR Installation Package for SUN
010-710-015	1	PIMS User's Manual	010-801-100	1	Q1000 Assembly Workbench— 3 1/2" book w/disk
			010-801-101	1	Q1000 Assembly Workbench— 5 1/4" book w/disk

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† DEC and VAX are registered trademarks of Digital Equipment Corporation

‡ IBM is a registered trademark of International Business Machines, Inc.

Number	Issue	Subject
010-802 Quality Education and Training		
010-802-120	01/91	GRASS ROOTS* Presenter (Each)
010-802-121	01/91	GRASS ROOTS Presenter (5 Box)
010-802-125	01/91	GRASS ROOTS Partic. Guide (Each)
010-802-126	01/91	GRASS ROOTS Partic. Guide (10 Box)
010-803 Resources for Quality Management		
■ 010-803-020	7/93	Quality Team Excellence Sharing Rally - Network System News Makers Celebrating Success (2nd Annual Meeting)
■ 010-803-101	1	Self-Managing Teams in the TQM (Total Quality Management) Environment
■ 010-803-102	1	Policy Deployment
■ 010-803-105	1	Empowerment and Coaching
010-810 Corporate Support - Bell Labs		
Best Current Practices (BCP)		
010-810-100	2	Operation Engineering Workbook — PQMI
■ 010-810-101	6/90	Operation Engineering — Flow Diagram Disk
010-810-105	1	Reliability By Design
■ 010-810-106	1991	Reliability Information Handbook/Binder
■ 010-810-110	1	Quality Function Deployment For.
■ 010-810-111	12/90	Quality Function Deployment/BCP (Best Current Practices)
■ 010-810-112	11/90	Hardware Design Check List/BCP
■ 010-810-113	12/93	Project Management Audits/BCP
■ 010-810-114	11/90	Spec Supported/Case (BCP)
■ 010-810-115	4/93	Software Cost Estimation (BCP)
■ 010-810-116	1	Architecture Valid (BCP)
■ 010-810-117	03/91	Hardware Inspections (BCP)

- | Number | Issue | Subject |
|---------------|-------|---|
| ■ 010-810-118 | 01/91 | Development Test Management (BCP) |
| ■ 010-810-119 | 1 | BCP Fast Decision Process |
| ■ 010-810-120 | -- | BCP Quality Tools and Technology
NOTE: This item includes all BCP documents. |
| 010-810-121 | 1 | Systems Engineering Requirements Guidelines |
| ■ 010-810-122 | 10/92 | SRE - Software Reliability Engineering Handbook (BCP) |
| ■ 010-810-123 | 1 | Digital Circuit Design Process (BCP) |
| ■ 010-810-124 | 1/94 | Digital Design Verification (BCP) |
| ■ 010-810-125 | 2 | BCP Code Inspection |
| ■ 010-810-126 | -- | Hardware package for BCP's
Note: Includes 010-810-112, -117, & -123 |
| ■ 010-810-127 | -- | Software package for BCP's
Note: Includes 010-810-114, -116, -118, -122, -125, & -128 |
| 010-810-128 | 1 | Object Oriented Technology (BCP) |
| 010-810-129 | 2 | Best Current Practice (Flyer)
NOTE: Chained to All BCPs (010-810-111 thru 125 and 700-261) |
| ■ 010-810-130 | 2 | Change Control for BCPS |
| ■ 010-810-131 | 1/94 | Software Quality (Draft) |
| ■ 010-810-132 | 8/94 | Artificial Intelligence |
| ■ 010-810-133 | 11/92 | Project Management |
| ■ 010-810-134 | 8/93 | Security Assessment Process |
| ■ 010-810-135 | 10/92 | Systems Engineering Process |
| ■ 010-810-136 | 8/94 | Electro Magnetic Compatibility |
| ■ 010-810-137 | 8/94 | Usability Engineering |
| ■ 010-810-138 | 8/94 | Software Component Management |
| ■ Addendum | 6/93 | |
| ■ 010-810-200 | 0 | Overview and Process Model (1 of 7 in Mosaic Series)
NOTE: To order complete library, order 010-810-207. |
| ■ 010-810-201 | 0 | Software Design and Implementation (2 of 7 in Mosaic Series)
NOTE: To order complete library, order 010-810-207. |
| ■ 010-810-202 | 0 | Business Planning (3 of 7 in Mosaic Series)
NOTE: To order complete library, order 010-810-207. |

* GRASS ROOTS is a registered trademark of Creative Information Technology, Inc.

Number	Issue	Subject
■ 010-810-203	0	Requirements and Architecture (4 of 7 in Mosaic Series) NOTE: To order complete li- brary, order 010-810-207.
■ 010-810-204	0	Hardware Design (5 of 7 in Mo- saic Series) NOTE: To order complete li- brary, order 010-810-207.
■ 010-810-205	0	Testing and Verification Note- book (6 of 7 in Mosaic Series) NOTE: To order complete li- brary, order 010-810-207.
■ 010-810-206	0	Current Engineering (7 of 7 in Mosaic Series) NOTE: To order complete li- brary, order 010-810-207.
■ 010-810-207	--	Complete Library of Mosaic Series — Documents 010-810-200 through 010-810-206

010-855 Transmission Systems

■ 010-855-010	1	Transmission Business Unit Front-End Process Guidelines (12-91)
■ 010-855-011	1	Transmission Systems Business Unit — Requirements/Architecture Guidelines (1-94)

Division 015

Customer Product and Services, Marketing, Public Relations

015-0 Index and AT&T Corporate Information

-000 Index

-005 AT&T Corporate Information

015-1 AT&T Standards and Administration Procedures

-111 Universal Card Services

015-2 Product Liability — Safety

015-3 Marketing — Information

-300 General Information

-302 Network Systems — Marketing Operations — Training Material

-303 Network Systems — Customer Operations — Salesware Deliverables — Brochures, Fact Sheets, Folios

-309 Software Products — Salesware

-310 Test Equipment

-311 CFO HPS Project

-315 Power Equipment/Energy Systems

-316 Network Cable Systems

-317 Outside Plant Systems

-319 Operations Support Systems

-321 Switching Systems and Signaling Systems

-325 Network Systems and Services

-327 Cellular Systems and Services

-330 Transmission Systems and Services

-338 Business Communications

-340 Network Systems Products

-350 Consumer Products and Services

-358 Business Communications Systems and Services

-360 Computer Products and Services

-370 International Communications Services

015-5 Public Relations

Number	Issue	Subject
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015-0 Index and AT&T Corporate Information

015-000 Index

015-000-000	22	Numerical Index — Division 015 — Product Information — General, Marketing, Etc. (5-95)
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015-005 AT&T Corporate Information

015-005-001	4/95	AT&T Fact Book
■ 015-005-020	8/93	CCS Organization Directory
■ 015-005-040	1	AT&T Telephone Directory for AT&T Business Systems Customers
■ 015-005-041	1	AT&T Telephone Directory Multi-Location Supplement
■ 015-005-050	1	AT&T Telephone Directory Template
■ 015-005-051	1	AT&T Telephone Directory Diskette Software Program

015-111 Universal Card Services

015-111-025	1	USC Summary of 1992 Application for Malcolm Baldrige Quality Award (4/93)
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015-2 Product Liability — Safety

■ 015-200-010	1	Product Liability Market Entry Risk Assessment
■ 015-200-015	3	Product Design for Safety Practice
■ 015-200-016	2	User's Guide for Product Design for Safety Practice
■ 015-200-020	1	Product Safety Labeling
■ 015-200-025	1	Product Remedial and Retrieval Practice
■ 015-200-030	1	Consumer Products Safety Practice
■ 015-200-035	1	Customer Equipment AC Grounding
■ 015-200-040	1	Abnormal Potential Test Method
■ 015-264-010	1	Corporate Architecture and Standards — Premises Data Communications

Number	Issue	Subject	Number	Issue	Subject
015-3 Marketing — Information			015-309-023	1	AT&T Product Brochure (10/pkg.)
015-300 General Information			015-310 Test Equipment		
■ 015-300-105	1	Corporate Architecture Standards — IMS Functions and Products (Volume 1)	015-310-110	1991	Intelligent Private Line Market Plan and Sales — Implementation Document
■ 015-300-106	1	Corporate Architecture Standards — IMS Software Interconnection (Volume 1)	015-311 CFO HPS Project		
■ 015-300-107	1	Corporate Architecture Standards — Volumes 1 and 2)	■ Addendum	1	
015-301 Network Systems — Customer Information Center (CIC)			■ 015-311-150	1	CFO HPS Toolkit Case
015-301-020	1	E-Master Capabilities (brochure)	■ 015-311-151	1	CFO HPS Primer: First Things First (first tool box)
015-302 Network Systems — Marketing Operations — Training Material			■ 015-311-152	1	CFO HPS Foundation: Begin With the End in Mind (second tool box)
■ 015-302-005	8	Lines of Business Orientations	■ 015-311-153	1	CFO HPS Diversity (third tool box)
■ 015-302-010	1	Ventures and Alliances Handbook (9/93)	■ 015-311-154	1	CFO HPS Development and Career Planning (forth tool box)
■ 015-302-015	3/95	Competitive Intelligence Reference - Telecommunication, Marketing and Industry, End Users, Network Services Providers, and Competitors	■ 015-311-155	1	CFO HPS Recruiting
■ 015-302-160	2	Special Services Automation	■ 015-311-156	1	CFO HPS Entire Program Set
015-303 Network Systems — Customer Operations — Salesware Deliverables — Brochures, Fact Sheets, Folios			■ Addendum	1	
■ 015-303-100	4/90	AT&T - We are a Nationwide Servicing Organization	■ 015-311-157	1	CFO HPS Video Tape: A Framework for Engaging Our People
■ 015-303-103FS	3/91	Cellular Radio Plant Maintenance	015-315 Power Equipment/Energy Systems		
■ 015-303-104FS	3/91	Foreign Area Translator	015-315-201	9/89	Grounding System Services
■ 015-303-105FS	3/91	ISDN Installation and Maintenance	015-315-311	1	UPS User's Manual: Model 360VA UPS
■ 015-303-310	10/91	Broadband Basically ISDN Glossary — Broadband ISDN Forms	015-315-312	1	1/2 KVA Standby Power Product Manual
015-309 Software Products — Salesware			015-315-313	3	UPS Users Manual 3/5 KVA
015-309-021	1	ADW 0656 Maintenance Brochure	015-315-314	1	10 KVA Standby Power Product Manual
015-309-022	1	Applications Development Solutions Integrated Development Environment	015-315-330	1	AT&T Uninterruptable Power Systems (UPS) Competitive Product Comparison Marketing Guide
			015-315-331	1	250VA UPS
			015-315-332	1	750VA UPS
			015-315-333	1	-48VDC Enhanced DC Power Cabinet

Number	Issue	Subject
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015-316 Network Cable Systems

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|---------------|------|---|
| ■ 015-316-101 | 1992 | Fiber Optic Cable and Apparatus Guide for Industrial Applications |
| ■ 015-316-102 | 1992 | Fiber Optic Link Design Guide for Industrial Applications (7-92) |
| 015-316-103 | 1/92 | Wire Center Modernization Application Chart |

015-317 Outside Plant Systems

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|-------------|---|----------------------------------|
| 015-317-010 | 1 | Connecting Your World (Brochure) |
| 015-317-011 | 1 | Breaking New Ground (Brochure) |

015-319 Operations Support Systems

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|-------------|---|--|
| 015-319-011 | 1 | Service Support Guide for Automated SMAS |
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015-321 Switching Systems and Signaling Systems

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|---------------|------|--|
| 015-321-011 | 1/89 | Facility Protection Services — Marketing Guide |
| ■ 015-321-015 | 1 | Tekelec Corp. Sales Package |

015-325 Network Systems and Services

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|---------------|------|---|
| ■ 015-325-020 | 1 | Intelligent Answers with Smart Networks (VHS video & Brochure) (6-90) |
| ■ 015-325-100 | 3/90 | Services Performance Specifications: An Overview |
| ■ Addendum | 1 | |
| ■ 015-325-105 | 1 | Understanding ISDN Kit |
| ■ 015-325-108 | 1 | ISDN Sales Guide |
| 015-325-115 | 1 | ISDN Enhanced Sound Advanced Technology Solutions for the Broadcasting Industry (06-92) |
| 015-325-116 | 1 | ISDN Enhanced Sound AT&T Revenue Opportunities in the Broadcasting Industry (6-92) |

015-327 Cellular Systems and Services

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| ■ 015-327-101 | 8/91 | Personal Communications Services |
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Number	Issue	Subject
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015-330 Transmission Systems and Services

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|---------------|---|---|
| ■ 015-330-020 | 1 | Transmission Network Management Product Marketing Disk |
| ■ 015-330-021 | 1 | DACS Product Family Marketing Disk (5-95) |
| ■ 015-330-050 | 1 | DACS The Newsletter That Explains Usage (4-95) |
| ■ 015-330-051 | 1 | DACS II, DACS III-2000 & DACS IV-2000 All RBOCS Edition 1.0 (4-95) |
| ■ 015-330-052 | 1 | DACS II & DACS III-2000 AMER-ITECH Edition 1.0 (4-95) |
| ■ 015-330-053 | 1 | DACS II, DACS III-2000 & DACS IV-2000 Bell Atlantic Edition 1.0 (4-95) |
| ■ 015-330-054 | 1 | DACS II, DACS III-2000 & DACS IV-2000 Bell South Edition 1.0 (4-95) |
| ■ 015-330-055 | 1 | DACS II SMET, DACS II, DACS III-2000 & DACS IV-2000 NYNEX Edition 1.0 (4-95) |
| ■ 015-330-056 | 1 | DACS II & DACS III-2000 Cincinnati Bell Edition 1.0 (4-95) |
| ■ 015-330-057 | 1 | DACS II Southwestern Bell Edition 1.0 (4-95) |
| ■ 015-330-058 | 1 | DACS II, DACS III-2000 & DACS IV-2000 US West Edition 1.0 (4-95) |
| ■ 015-330-059 | 1 | DACS II, DACS III-2000 & DACS IV-2000 Pacific Bell Edition 1.0 (4-95) |
| ■ 015-330-060 | 1 | DACS II, DACS III-2000 & DACS IV-2000 Canada Edition 1.0 (4-95) |
| ■ 015-330-061 | 1 | DACS II, DACS III-2000 & DACS IV-2000 Government Edition 1.0 (4-95) |
| ■ 015-330-062 | 1 | DACS II, DACS III-2000 & DACS IV-2000 CSG Edition 1.0 (4-95) |
| ■ 015-330-063 | 1 | DACS II & DACS III-2000 Cellular, ITCOS All Other Edition 1.0 (4-95) |
| ■ 015-330-064 | 1 | DACS II Mexico Edition 1.0 and DACS II & DACS III-2000 Latin America/Caribbean Edition 1.0 (4-95) |
| ■ 015-330-065 | 1 | DACS II & DACS IV-2000 NSI Edition 1.0 (4-95) |
| ■ 015-330-066 | 1 | DACS II & DACS III-2000 Asia/Pacific Edition 1.0 (4-95) |

Number	Issue	Subject	Number	Issue	Subject
■ 015-330-070	1	DACS Family Configuration — Configuration and Displays Standard Cost and Calculations MOI & BGP 24 Channel DACS II, DACS II-ISX, I-2000 & DACS IV-2000 (4-95)	Appendix 1	2	Engineer Furnish and Install Agreement
■ 015-330-071	1	DACS Family Configuration — Configuration and Displays Standard Cost and Calculations MOI & BGP 30 Channel DACS II, DACS II-ISX, I-2000 & DACS IV-2000 (4-95)	Appendix 2	2	Engineering and Installation Service Agreement
■ 015-330-110	3.0	FT2000 Planning Tool OC-48 Lightwave System	Appendix 3	2	Installation Service Agreement
015-338 Business Communications			Appendix 4	2	Service Agreement
■ 015-338-100	4	Merlin Legend R3.0 Toll Fraud Overview	015-350 Consumer Products and Services		
■ 015-338-110	2	Voice Mail Product Matrix	015-350-010	--	Consumer Sales and Service — Hardware NOTE: Issued twice monthly.
015-338-112	1	PARTNER® Family Product Sales and Marketing Guide 3.1	015-350-070	--	Business Office Handbook — NDSC NOTE: Issued twice monthly.
■ 015-338-113	1	The Next Teller: NR Solutions For the Banking Industry	■ 015-350-100	--	CSPP Equipment Handbook
015-338-114	1	Building the Perfect Partner Sales Kit Release 3.1	■ 015-350-101	1	CSPP Equipment Handbook Tabs
015-338-120	1	NSSD Serialization Job Aid (4 vol. set) (3-94)	■ 015-350-110	1	Management Practices Equipment Guide
■ 015-338-125	1	Intuity Voice Processing Solutions Marketing & Sales Guide	015-350-125	2	Consumer Communications Services Programs, Products and Services
■ 015-338-126	1	Intuity Voice Processing Solutions Demo Tape (Video) Guide	015-358 Business Communications Systems and Services		
■ 015-338-127	1	Intuity Road Show (Video)	■ 015-358-016	1	Sales Referral System (SRS)
■ 015-338-134	6/92	800 Numbers for Customer Service: A 1992 Profile	■ 015-358-017	1	Customer Number Information
■ 015-338-140	1	Training Solutions for Small Business Division (SBD) Sales Aid	■ 015-358-020	1	BCS Profit Assurance Manual
■ 015-338-141	12-94	2-10 Do It Again Training Package	015-358-025	3	Services Reference Guide 1992/1993 Edition
■ 015-338-144	12-94	AE Briefcase Training Diskette	015-358-027	9/94	Business Communications Services Guide
■ 015-338-145	9-94	Call Accounting Sales and Marketing Guide	■ 015-358-101	1	LSI Definity Video Package
■ 015-338-150	11-94	Distance Learning Solutions Marketing Guide	015-358-103	1	Definity Systems Administration Slide Show and Script
■ 015-338-160	3-95	Audio Visual Paging Guide	■ 015-358-110	1	CallVisor™ Marketing Guide
015-340 Network Systems Products			■ 015-358-111	1	DEFINITY G3 V2 Announcement & Application Guide (9-93)
015-340-010	--	Customer Operations Contracting Manual NOTE: Issued twice monthly.	■ 015-358-115	1	DEFINITY Call Center Connections Marketing and Sales Guide
			015-358-116	1	DEFINITY G3V2 Cap Data Sheet
			■ 015-358-117	1	DEFINITY Video Training Series Tapes (1-94)
			■ 015-358-118	1	DEFINITY Video Training Series Book (12-93)
			015-358-119	1	DEFINITY G3 V3 Announcement Guide (4-94)

Number	Issue	Subject	Number	Issue	Subject
015-358-120	1	Conferencing Products Marketing Guide (8-90)	■ 015-358-156	6/93	Advance 800 Features Ready Set GROW! Ordering Guide
■ 015-358-122	1	AT&T BCS E911 Systems Marketing Guide (8-90)	■ 015-358-157	10/94	Outbound Order Negotiation System for Middle Markets Family of Services User's Guide
■ 015-358-124	1	AT&T Detail Manager Service Guide (7-91)	015-358-193	1	Uniplan Billing Power Kit (7-94)
■ 015-358-128	10/92	Billing Information Manager Services — Ready Reference Manual	■ 015-358-195	7/94	Uniplan Quality Assurance Check List
■ 015-358-129	1	Binder Only (for 015-358-128)	■ 015-358-196	1	AT&T Uniplan Post-Sales Implementation Users Guide
■ 015-358-130	8/91	Billing Option Pocket Guide (Sliderule) — Sales Aid	■ 015-358-197	1	Road to Simplicity Sales Kit
■ 015-358-131	4/92	AT&T Optimum Service PC Billing Package (Brochure)	■ 015-358-198	3.1	Uniplan Service Desktop Analysis Software Version 3.1
■ 015-358-132	8/91	Billing Information Manager Services — Ready Reference Manual on 3 1/2" Diskette	■ 015-358-200	1	Accumaster Services Workstation Marketing Guide
■ 015-358-133	8/91	Billing Information Manager Services — Ready Reference Manual on 5 1/4" Diskette	■ 015-358-201	1	Accumaster Services Workstation Slide Presentation
■ 015-358-135	1/95	AT&T 800 Services Advance Features and Network Management Sales Guide	■ 015-358-205	1	Accumaster Integrator Marketing Guide
015-358-137	1	AT&T Info Worx Sales Guide	■ 015-358-207	1	Accumaster Integrator Slide Presentation and Script
■ 015-358-138	6/92	Network Services Design (Brochure)	■ 015-358-220	1	AUDIX Promotional Campaign Package (Includes slide presentation, comparison matrix, news clips, testimonial, 3 sales briefs, brochure, and note pad)
■ 015-358-140	3/92	The Intelligent Marketing Guide	015-358-230	1	PICASSO® Still Image Phone Marketing Guide
015-358-140M	1	MEGACOM® Family Sales Kit	015-358-235	1	CAS for Windows brochure
015-358-141	1	MEGACOM Sales Kit (5-92)	■ 015-358-236	6/94	CAS for Windows Marketing and Sales Guide
015-358-142	1	MEGACOM Plus Sales Kit	■ 015-358-301	2-94	ASAAP Handbook (Account Strategy And Action Plan)
015-358-143	1	MEGACOM Optimum Sales Kit (5-92)	■ 015-358-304	1	Customer Focus Solutions: Financial Centers of Expertise (10/pkg) (12-94)
015-358-144	1	MEGACOM Promotion Sale Kit fall 1992	■ 015-358-310	1	AT&T Insurance Launch — Sales Starter Kit (3-95)
015-358-145	1994	AT&T Uniplan Sales Kit and Revised MEGACOM® Plus Sales Kit	015-360 Computer Products and Services		
■ 015-358-146	4/93	MEGACOM Family of Services Billing Guide	015-360-030	1	STARWAN LAN Interconnect Products Marketing Guide
■ 015-358-147	4/93	Binder for 015-358-146	015-360-031	1	STARWAN Network Connectivity Products Brochure
015-358-148	1	Middle Market Win Over Campaign (3-93)	015-360-060	1	STARLAN® WAN Folder
015-358-149	6/93	AT&T Paradyne ACCULINK® Access Controller Special Offer	015-360-061	1	STARLAN 10 Hub (Insert)
■ 015-358-150	11/94	QUIPP (Quick Interexchange Pricing Plan) — User's Guide	015-360-062	1	STARLAN® SmartHub Manager Instructions
■ 015-358-155	4/94	800 Service Sales Demo Diskette — Platform Manager and On-line Call Detail Manager (2/pkg 3-1/2")			

Number	Issue	Subject	Number	Issue	Subject
015-360-063	1	STARLAN Media Adapter (Insert)	German Series		
015-360-064	1	STARLAN Adapter Units (Insert)	■ 015-370-150	1	Accumaster® Management Global Offer (Brochure)
015-360-065	1	STARLAN Rack (Insert)	015-370-155	1	Professional Services Brochure (German)
015-360-066	1	STARLAN Routers (Insert)	Europe		
015-360-067	1	STARLAN ISDN (Inserts)	015-370-801	1	AT&T Pan European Packet Service
015-360-068	1	STARLAN	015-370-802	1	AT&T Accunet® Packet Service (Europe)
015-360-069	1	STARLAN	015-370-803	1	AT&T Accunet® Spectrum Digital Services (Europe)
015-370 International Communications Services			015-370-804	1	AT&T European Data Networking Solutions Benefits
■ 015-370-018	1	Alarms Standards Manual	015-370-806	1	(U.K.) AT&T Pan European Data Networking Solutions
015-370-100	1	Accumaster® Management Global Offer (Brochure)	015-370-807	1	(U.K.) AT&T Accunet Packet Service Europe
015-370-105	1	Professional Services Brochure	015-370-808	1	(U.K.) AT&T Accunet Spectrum of Digital SVC Europe
■ 015-370-106	1	Global Network Management Service	015-370-809	1	(U.K.) AT&T European Data Networking Solutions for Benefits
015-370-108	1	Global SDN The Global Networking Sales Kit (4-93)	015-370-811	1	(German) Die Paneuooopaisch En Datennetz Werk
United Kingdom series			015-370-812	1	(German) AT&T Accunet Packet Service in Europe
015-370-110	1	Accumaster® Management Global Offer (Brochure)	015-370-813	1	(German) AT&T Accunet Digital Service Palette in Europe
015-370-115	1	Professional Services Brochure	015-370-814	1	(German) Dievorteile Der Europaischen Datennet
■ 015-370-116	1	Global Network Management Service	015-370-816	1992	AT&T Interspan Frame Relay Service (Europe)
Spanish Series			■ 015-370-825	1	Entering the Global Network Arena Sales Kits — Bid Form, Sales Script, Network Solutions
015-370-120	1	Accumaster® Management Global Offer Brochure (Spanish)	015-371 International Business Systems and Services		
015-370-125	1	Professional Services Brochure (Spanish)	■ 015-371-101	10-92	Global Business Video — Sales and Marketing Guide
015-370-126	1	Global Network Management Service	015-371-105	12/94	Digital Exchange Business Services (DEBS) Centrex Selling Guide
French Series			015-372 International Switching Systems		
015-370-130	1	Accumaster® Management Global Offer Brochure (French)	015-372-101	1	5ESS-2000 Switch System Overview
015-370-135	1	Professional Services Brochure (French)			
Japanese Series					
015-370-140	1	Accumaster® Management Global Offer (Brochure)			
015-370-145	1	Professional Services Brochure (Japanese)			

Number	Issue	Subject
015-372-102	1	5ESS-2000 Switch OA&M Marketing Overview
015-372-103	1	5ESS-2000 Switch AT&T Intelligent Network System Overview

015-380 Transition Service

015-380-012	4-91	1AESS Switch to 5ESS Switch Transition Support Service
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015-5 Public Relations

015-501 Corporate Promotions

■ 015-501-100	1	Any Time Any Where (Video) (9-94)
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Division 019**Educational Material and Services CEC, Dublin, Hickory Ridge, Etc.****019-0 Index and General****019-1 Corporate Education And Training****019-2 Business Divisions****019-3 Hickory Ridge Training Center****019-5 Intellectual Property****019-W WIPS (Work Information Packages)**

Number	Issue	Subject
019-0 Index and General		
019-000 Index		
019-000-000	8	Numerical Index — Division 019 — Educational Services — CEC, Dublin, Hickory Ridge, Etc. (2-95)
019-1 Corporate Education And Training		
019-101 Management Education and Training		
■ 019-101-010	1	Skill Kit SG/IQR Package (Pkg. includes 019-101-011 and 019-101-102 for CRS)
■ 019-101-011	1	Skill Kit — Student Guide
■ 019-101-012	1	Skill Kit — Instructor's Quick Reference
■ 019-101-013	1	Skill Kit — Video Tape
■ 019-101-030	1	AT&T Instructor and Student Guide — Format Guidelines
■ 019-101-031	3	AT&T Training Development Planning and Quality Control Guide
■ 019-101-035	1	AT&T Training Directory
■ 019-101-040	1	Training Test Consultant
■ 019-101-041	1	Training Delivery Consultant
■ 019-101-042	2	Selecting and Managing Training Consultants

Number	Issue	Subject
■ 019-101-050	1	Introduction to Computer Based Training
■ 019-101-051	1	Managing the Process to Provide Electronic Training
■ 019-101-052	1	Electronic Systems: Solutions for Training (VHS Video)
019-101-060	1	Guide to Effectiveness Testing of Performance and Improvement Materials (10-91)

019-102 Performance Management Initial Training Partners

■ 019-102-101	1	Achieving World Class Performance (VHS Video)
■ 019-102-102	--	Achieving World Class Performance (5 Books)
■ 019-102-103	1	The Business Imperative (VHS Video)
■ 019-102-104	1	The Business Imperative
■ 019-102-105	1	Goal and Objective Setting (VHS Video)
■ 019-102-106	1	Goal and Objective Setting
■ 019-102-107	1	People Development (VHS Video)
■ 019-102-108	1	People Development
■ 019-102-109	1	Feedback, Coaching, and Recognition
■ 019-102-110	1	Feedback, Coaching, and Recognition
■ 019-102-111	1	Performance Review and Appraisal (VHS Video)
■ 019-102-112	1	Performance Review and Appraisal
■ 019-102-113	1	Initial Training Implementation Guide
■ 019-102-115	0000	Performance Management Assistant NOTE: To order call 1-800-TRAINER

Quality Education and Training**Network Systems**

■ 019-120-100	1	Total Quality Management Workshop
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Number	Issue	Subject
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019-2 Business Divisions

019-201 Network Systems

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| ■ 019-201-010 | 1 | Network Systems Orientation -
Participants Manual |
| ■ 019-201-011 | 12/90 | Network Systems Blueprint for
Growth (VHS Video) |

019-203 Business Communications Services

- | | | |
|---------------|------|---|
| ■ Revision 1 | 7/94 | |
| ■ 019-203-010 | 4/94 | Performance Management Peo-
ple Development — Skills and
Knowledge — Associated
Developmental Curricula — C
and D Band Managers |

019-5 Intellectual Property

- | | | |
|-------------|---|--------------------------------|
| 019-500-010 | 3 | Managing Intellectual Property |
|-------------|---|--------------------------------|

Division 020

General Information

020-0 Indexes and General Requirements and Methods

Number	Issue	Subject
020-0 Indexes and General Requirements and Methods		
020-000-000	5	Numerical Index — Division 020 — General Information — Division 020 to 178 Inclusive
020-008-711	4	Requirements and Adjusting Procedures Sections — Description and Structure
020-010-711	7	-D Apparatus — General Requirements and Definitions
020-012-711	2	Condensed Sections — General Requirements

Division 024**Amplifiers, Controllers, Control Units, Regulators,
and Electron Tubes****024-0 Index and Equipment Test Lists****024-1 Amplifiers and Protective Relaying Equipment****024-3 Controllers and Control Units****024-4 Regulators****024-7 Electron Tubes**

Number	Issue	Subject
024-0 Index and Equipment Test Lists		
024-000 Index		
024-000-000	74	Numerical Index — Division 024 — Amplifiers, Controllers, Control Units, Regulators, and Electron Tubes
024-001 Equipment Test Lists		
024-001-011	11	Amplifiers
024-001-012	5	Controllers and Control Units
024-001-013	6	Regulators
024-001-014	4	Electron Tubes
024-1 Amplifiers and Protective Relaying Equipment		
024-100-100	2	94D — Description
024-100-101	1	103C Amplifier
024-100-102	1	103D Amplifier
024-100-103	1	116B Amplifier
024-101-100	1	100-Type Loudspeaker Sets — Description
Addendum	1	
024-102-100	1	106A — Description
024-102-300	1	106A — Initial and Routine Tests
Addendum	1	
024-102-500	1	106A — Tests, Adjustments and Requirements

Number	Issue	Subject
Addendum	1	
024-103-100	1	118A — Description
024-103-300	1	118A — Initial and Routine Tests
Addendum	1	
024-103-500	1	118A — Tests, Adjustments and Requirements
Addendum	1	
024-104-100	1	124-Type — Description
024-104-101	1	124A Amplifier
024-104-102	1	124B Amplifier
024-104-103	1	124C Amplifier
024-104-104	1	124D Amplifier
024-104-105	1	124E Amplifier — (WESTERN ELECTRIC®)
024-104-106	1	124F Amplifier
024-104-300	1	124-Type — Initial and Routine Tests
Addendum	3	
024-104-500	2	124-Type — Tests and Adjustments
024-104-501	1	Types 103- and 124-Type — Tests and Inspections
024-105-100	1	140-Type — Description
024-105-101	2	141A Amplifier — Description
024-105-300	1	140-Type — Initial and Routine Tests
024-105-500	2	140-Type — Tests, Adjustments and Requirements
Addendum	1	
024-106-100	1	142-Type — Description
024-106-101	1	142A — Input Circuit Variations
024-106-300	1	142-Type — Initial and Routine Tests
Addendum	1	
024-106-500	1	142-Type — Tests, Adjustments and Requirements
024-107-100	2	143-Type — Description
024-107-101	1	143A — Input Circuit Variations
024-107-300	1	143-Type — Initial and Routine Tests
024-107-500	2	143-Type — Tests, Adjustments and Requirements
024-108-100	2	153A and 153B Amplifiers — For Use With Head Telephone Sets — General Descriptive Information
024-108-105	2	292A and 292B — Description

Number	Issue	Subject	Number	Issue	Subject
024-109-500	2	SD-95396-01 — Voice Controlled Gain Amplifier Using Amplifier Test Set Circuit	024-150-103	1	KS-16611, L1 Transformer
024-120-100	1	KS-16575-L1 (McIntosh) — Description	024-150-104	1	KS-16612, L1 Mixer Unit — Description
024-120-300	1	KS-16575-L1 (McIntosh) — Initial and Routine Tests	024-150-105	1	Input Circuit Arrangements for KS-16608, L1 and KS-16610, L1 Amplifiers
024-120-500	1	KS-16575-L1 (McIntosh) — Tests and Adjustments and Requirements	024-150-106	1	KS-16608, L1 Amplifier — Description
024-121-100	2	A-120 (McIntosh) — Description	024-150-107	1	KS-16610, L1 Amplifier — Description
024-121-300	2	A-120 (McIntosh) — Initial and Routine Tests	024-150-108	1	KS-16547, L1 Amplifier — Description
024-121-500	2	A-120 (McIntosh) — Tests, Adjustments and Requirements	024-150-109	1	KS-16617, L1 Amplifier — Description
024-122-100	3	KS-20425 Amplifier System — Description	024-150-300	1	KS-Specification Speech Amplifiers — Initial and Routine Tests
024-122-200	3	KS-20425 Amplifier System — Installation and Maintenance	Addendum	1	
024-122-400	2	KS-20425 Equalizer-Amplifier System — Connections	024-150-501	1	KS-16508-L1 — Transmission Tests
024-122-500	3	KS-20425 Amplifier System — Tests, Adjustments, and Operation	024-150-502	1	KS-16547-L1 — Transmission Tests
024-125-100	3	KS-16622, L1 Amplifier — Description	024-150-503	2	KS-16608 L1 and KS-16610 L1 Amplifiers — Transmission Tests
024-125-300	1	KS-16622-L1 — Initial and Routine Tests	024-150-504	1	KS-16617-L1 — Transmission Tests
024-125-500	3	KS-16622-L1 — Transmission Tests	024-174-100	2	KS-20449 Amplifier — Description
024-130-100	2	KS-16740 Amplifier System — Description	024-174-200	2	KS-20449 Amplifier — Installation, Connections, and Maintenance
024-130-300	1	KS-16740-L2 — Initial and Routine Tests	024-174-500	3	KS-20449 Amplifier — Tests and Adjustments
024-130-500	2	KS-16740-L2 — (Altec 437B) — Transmission Tests	024-175-100	3	Transistor Amplifiers — KS-16831, L1, L2, L3
024-140-101	2	227A, B, E, and F Amplifiers — Description	024-175-101	3	KS-16831 — Identification and Assembly
024-140-103	1	227C and 227D Amplifiers — Description	024-175-102	2	KS-16831, L4 — Power Supply
024-140-106	2	KS-20378 L1 and L2 Amplifiers — Description	024-175-110	3	KS-20159 Equalizer-Amplifier — Description
024-145-100	1	289A and 289B Amplifiers — Description	Addendum	1	
024-150-100	4	KS-Specification — Speech Amplifiers — General Information	024-175-200	1	KS-16831 — Installation and Maintenance
024-150-101	1	KS-16508, L1 and L2 Amplifiers — Description	024-175-210	2	KS-20159 Equalizer-Amplifier — Installation and Maintenance
024-150-102	1	KS-16607, L1 Amplifier — Description	024-175-400	3	KS-16831 — Connections
			024-175-410	2	KS-20159 Equalizer-Amplifier — Connections
			024-175-500	4	KS-16831, L1, L2, L3 Amplifiers — Tests and Adjustments

Number	Issue	Subject	Number	Issue	Subject
024-175-510	2	KS-20159 Equalizer-Amplifier — Tests, Adjustments, and Operation	Addendum	2	
024-176-100	2	KS-16754, L1, L2, L3 and L4 Amplifiers — Description	024-331-701	3	Pilot Wire Master Twist Controller — KS-7781 — Requirements and Adjusting Procedures
Addendum	1		024-331-801	2	Pilot Wire Master Twist Controller — KS-7781 — Replacement Parts and Procedures
024-176-200	6	KS-16754 — Identification, Installation, Connections and Maintenance	024-332-701	2	Brown Indicating Controller — KS-6835 — Requirements and Adjusting Procedures
024-177-100	2	KS-19219, L1 — (3 Watts)	Addendum	1	
024-177-500	2	KS-19219, L1 — Transmission Tests	024-345-701	3	Motor Controller KS-5647 — Starter KS-15821 — Requirements and Adjusting Procedures
024-178-100	2	KS-19602, L1 — Description	024-346-701	5	KS-5755, KS-15868, and KS-15983, Starters — Requirements and Adjusting Procedures
Addendum	1		024-346-801	3	Starters — KS-5755, KS-15868, and KS-15983 — Replacement Parts and Procedures
024-178-500	1	KS-19602, L1 — Tests	024-350-701	4	Voltage Controllers — KS-5016, KS-5117, KS-5374 and KS-5519 — Requirements and Adjusting Procedures
024-179-100	1	KS-19601, List 1 Amplifier	024-350-801	3	Voltage Controller KS-5519 — Replacement Parts and Procedures
024-179-500	1	KS-19601, List 1 Amplifier — Transmission Tests	024-360-201	3	KS-20522 Controller — High and Low Limit — Installation and Maintenance
024-180-100	1	KS-19220, List 2 Amplifier	024-4 Regulators		
024-181-100	2	KS-19221 L1 Amplifier	024-405-701	2	100A Regulator — Equipped With KS-5511 Motor — Type 892B — Requirements and Adjusting Procedures
024-182-100	2	KS-19739, L1 Amplifier — Description	024-405-702	3	100A Regulator — Equipped With KS-5511 Motor — Type 892C — Requirements and Adjusting Procedures
024-182-500	3	KS-19739 L1 Amplifier — Tests	024-405-703	4	100A Regulator — Equipped With KS-5511 Motor — Type 892D or Reconditioned Type 892C — Requirements and Adjusting Procedures
024-190-100	1	KS-12046 Loudspeaker	024-406-701	3	101 and 102 Regulators — Associated With 50A Drive — Requirements and Adjusting Procedures
024-191-100	1	KS-12048 Autotransformer			
024-191-101	1	KS-14417 Autotransformer			
024-191-102	1	KS-14792, L5 Line Matching Transformer			
024-192-100	1	KS-16504 Handset — Transmission Characteristics			
024-195-100	1	Description and Operation			
Addendum	1				
024-195-200	1	1A — Installation and Connections			
024-195-300	1	Maintenance			
024-195-500	1	1A — Test Procedures			
024-3 Controllers and Control Units					
024-320-701	1	6B Control Unit — Lubrication			
024-321-701	2	36A Control Unit — Requirements and Adjusting Procedures			
Addendum	1				
024-330-701	3	Pilot Wire Master Flat Gain Controller — KS-7664 — Requirements and Adjusting Procedures			
024-330-801	2	Pilot Wire Master Flat Gain Controller — KS-7664 — Replacement Parts and Procedures			

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		024-462-701	9	Voltage Regulator — Centrifugal Type — Automatic — Requirements and Adjusting Procedures
024-408-701	3	KS-2749 Regulator — For Pilot Wire Transmission Regulating System — Requirements and Adjusting Procedures	024-462-801	6	Voltage Regulator — Centrifugal Type — Automatic — Replacement Parts and Procedures
024-410-701	3	J2 Carrier Regulator — Condenser Drive — Per ED-61694-01, ED-61694-021 and ED-6194-022 — Requirements and Adjusting Procedures	024-464-301	2	Voltage Regulator — General Electric Co. — KS-5580 — Electronic Type GVD — Operating Methods
Addendum	1		024-465-301	2	AC Line Voltage Regulator — KS-5650 — Operating Methods
024-420-301	4	Speed and Voltage Regulator — J86253A and J86253B — Operating Methods	024-466-301	3	AC Voltage Regulator — KS-5655 — Operating Methods
024-440-301	2	AC Line Voltage Regulators — J86215A and KS-5695 — Motor-Driven Autotransformer Type — Operating Methods	024-470-301	2	AC Line Voltage Regulator — KS-15508 — Motor-Driven Autotransformer Type — Operating Methods
024-442-301	1	J86223 Voltage Regulator — Operating Methods	024-471-301	1	AC Line Voltage Regulator — KS-15908 Type — Motor-Driven Autotransformer Type — Operating Methods
024-443-301	3	Voltage Regulator and Rectifier — J86246A and J86246B — Operating Methods	024-480-701	2	Voltage Regulator — General Electric Type TA, Form B-2 — Requirements and Adjusting Procedures
024-445-301	5	J86250 Voltage Regulator and Exciter — Operating Methods	024-481-101	1	Voltage Regulator — General Electric Type TA-125, Form L — Description
024-447-301	1	J86727E Voltage Regulator — Operating Methods	024-481-301	1	Voltage regulator — General Electric Type TA-125, Form L — Operating Methods
024-449-301	2	J87324A Voltage Regulator — Operating Methods	024-481-701	2	Voltage Regulator — General Electric Type TA-125, Form L — Requirements and Adjusting Procedures
024-460-101	1	Voltage Regulators — AC-DC Automatic Rotating CAM Types — Description	024-482-701	4	Voltage Regulator — Tilting Pile Type — Requirements and Adjusting Procedures
024-460-301	1	Voltage Regulators — AC-DC Automatic Rotating CAM Types — Operating Methods	024-485-301	1	Voltage Regulator for Reserve Alternators — Westinghouse — Type UV-AG — Operating Methods
024-460-701	4	Voltage Regulators — KS-5016, KS-5117 and KS-5468 — AC-DC Automatic Rotating CAM Types — Requirements and Adjusting Procedures	024-490-301	3	KS-20618 Regulator for Single-Phase Rectifiers — Test Procedures
024-460-801	2	Voltage Regulators — KS-5016, KS-5117 and KS-5468 — AC-DC Automatic Rotating CAM Types — Replacement Parts and Procedures			
024-462-101	3	Voltage Regulators — Centrifugal Type — Automatic — Description			

Number	Issue	Subject
024-7 Electron Tubes		
024-700-801	4	Cold Cathode Tubes Containing Radium Bromide and Krypton 85 — Method of Handling
024-706-701	1	313-Type Cold Cathode Tubes — Using Test Circuit SD-68204-01 — Requirements and Adjusting Procedures — No. 4, A4A, 4A, and 4M Switching Systems
024-707-701	5	Cold Cathode Tubes — Using Test Set SD-25808-01 (J24754A) — Requirements and Adjusting Procedures
024-708-701	5	Cold Cathode Tubes — Using Test Set SD-96464-01 (J94731A) — Requirements and Adjusting Procedures
024-709-801	2	Cold Cathode Tubes — Method of Handling Tubes Not Specially Marked
024-720-801	3	Electron Tube Filament Circuit Adjustment — Reference Voltage and Reference Current Methods
024-720-802	1	Method of Disposal
024-721-801	3	Vacuum Tube Heater Circuit — Method of Adjustment for 9 Volt Operation
024-722-101	3	WESTERN ELECTRIC Marking and Dating
024-723-801	2	NIXIE* Tubes Containing Krypton 85 — Storage and handling

* NIXIE is a registered trademark of the Burroughs Co.

Division 026**Circuit Breakers, Compensators, Contactors, Control Panels, Fuses and Mountings, Magnetic Switches, Selectors, and Starters****026-0 Index and Equipment Test Lists****-000 Index****-001 Equipment Test Lists****026-3 Circuit Breakers, Compensators, Contactors, Control Panels, Fuses and Mountings, Magnetic Switches and Starters****026-7 Selectors**

Number	Issue	Subject
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026-0 Index and Equipment Test Lists**026-000 Index and Equipment Test Lists**

026-000-000	73	Numerical Index — Division 026 — Circuit Breakers, Compensators, Contactors, Control Panels, Fuses and Mountings, Magnetic Switches, Selectors, and Starters
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026-001 Equipment Test Lists

026-001-011	13	Rotary Selectors
026-001-012	4	Miscellaneous Selectors
026-001-013	5	Fuse Mountings, Fuse Enclosures, and Fuses
026-001-014	6	Starters and Compensators
026-001-015	7	Circuit Breakers and Contactors

026-3 Circuit Breakers, Compensators, Contactors, Control Panels, Fuses and Mountings, Magnetic Switches and Starters

Addendum	1	
026-305-701	10	Autotransformer-Type Starters and Compensators — General Electric Company — Requirements and Adjusting Procedures

Number	Issue	Subject
Addendum	1	
026-305-801	4	Autotransformer-Type Starters and Compensators — General Electric Company — Replacement Parts and Procedures
026-306-701	2	I.T.E. Circuit Breakers — Requirements and Adjusting Procedures
026-306-801	1	I.T.E. Circuit Breakers — Replacement Parts and Procedures
026-307-701	10	Small Circuit Breakers — Requirements and Test Procedures
Addendum	1	
026-310-701	3	Circuit Breaker KS-15636 — Requirements and Adjusting Procedures
Addendum	1	
026-315-701	1	Circuit Breakers — KS-15910 — Requirements and Adjusting Procedures
026-315-801	1	Circuit Breakers — KS-15910 — Replacement Parts and Procedures
026-316-701	1	KS-21413 Protector — Description, Requirements, and Testing
026-320-701	3	Reverse Current Circuit Breakers — Automatic Electric Inc. — D-7064, D-7065, D-7066, and D-7099 — Requirements and Adjusting Procedures
026-340-701	2	Automatic Starters and Compensators — Having No KS Designations — Cutler-Hammer, Inc., Square D Company, and Ward Leonard Electric Company — Requirements and Adjusting Procedures
Addendum	1	
026-343-701	1	Autotransformer-Type Starters — Allen-Bradley Company — Requirements and Adjusting Procedures
026-343-801	1	Autotransformer-Type Starters — Allen-Bradley Company — Replacement Parts and Procedures
Addendum	1	
026-347-701	1	Starters, Circuit Breakers, Contactors, Field Control Panels, and Magnetic Switches — General Electric Company — Requirements and Adjusting Procedures

Number	Issue	Subject	Number	Issue	Subject
026-350-701	6	Contactors — KS-5323, KS-5323-01, KS-5694, and KS-15572 — Requirements and Adjusting Procedures	026-380-801	2	Autotransformer-Type Manual AC Starters — General Electric Company — Replacement Parts and Procedures
026-350-801	2	Contactors — KS-5323, KS-5323-01, KS-5694 and KS-15572 — Piece-Part Data and Replacement Procedures	026-382-701	1	Multi-Step Starters — General Electric Company — Requirements and Adjusting Procedures
026-352-701	2	Contactors — KS-5626 — Square D Company — Requirements and Adjusting Procedures	026-384-701	3	KS-15582 Starter (For DC Motor) — Requirements and Adjusting Procedures
026-354-701	2	Contactors — KS-5642 — Westinghouse Electric Corp. — Requirements and Adjusting Procedures	026-390-101	1	Cutler-Hammer Automatic DC Motor Starters — Description
026-355-701	2	DC Contactor — Plunger Type — KS-5722 — Requirements and Adjusting Procedures	026-390-701	1	Cutler-Hammer Automatic DC Motor Starters — Installation and Maintenance Requirements
026-356-701	7	Resistor and Across-the-Line Type Starters — Allen-Bradley Company and Ward Leonard Company — Requirements and Adjusting Procedures	026-392-301	2	Air-Starting Equipment for Diesel Engine- Alternator Sets — Operating Methods
026-360-701	4	Contactors — KS-15514 and KS-15934 — Requirements and Adjusting Procedures	026-392-701	2	Air-Starting Equipment for Diesel Engine- Alternators — Requirements and Adjusting Procedures
026-360-801	2	Contactors — KS-15514 and KS-15934 — Replacement Parts and Procedures	026-392-801	2	Air-Starting Equipment for Diesel Engine- Alternators — Replacement Parts and Procedures
026-365-701	5	Contactors KS-5757, KS-15072, KS-15674, KS-19598, and Contactors Having No KS- Designations — Allen-Bradley Company and Westinghouse Corporation — Requirements and Adjusting Procedures	026-7 Selectors		
026-370-701	9	Fuses, Mountings, and Enclosures — Requirements and Adjusting Procedures	026-700-701	2	60BA, 60BC, 60BP, 60BR, 66A, D-151294, and D-175279 — Requirements and Adjusting Procedures
026-370-801	8	Fuse Caps, Blocks, Clips, Holders, Mountings, Panels, and Posts — Repair and Replacement Procedures	026-700-801	1	60BA, 60BC, 60BP, 60BR, 66A, D-151294, and D-175279 — Piece-Part Data and Replacement Procedures
026-371-501	9	Fuses and Fuse Panels — Inspection	026-706-501	1	200-Type Selectors — Operation Test — Panel Machine Switching Offices
026-380-101	1	Autotransformer-Type Manual AC Starters — General Electric Company — Description	Addendum	1	
026-380-701	4	Autotransformer-Type Manual AC Starters — General Electric Company — Requirements and Adjusting Procedures	026-706-701	14	200-, 206-, 209-, and 211-Type Selectors and 10-, 26-, and 32-Type Banks — Requirements and Adjusting Procedures
			026-706-711	3	200-, 206-, 209- and 211-Type Selectors — Voltage Tests — Using SD-90013-01 (J94706) Selector Test Set
			026-706-712	2	200-, 206-, 209- and 211-Type Selectors — Voltage Tests — Using No. 35D or 35F Test Set or Voltmeter

Number	Issue	Subject
Addendum	1	
026-706-801	8	200-, 206-, 209-, and 211-Type Selectors and 10-, 26- and 32-Type Banks — Piece- Part Data and Replacement Procedures
026-708-701	7	204-Type Selectors — Requirements and Adjusting Procedures
026-708-801	6	204-Type Selectors — Piece- Part Data and Replacement Procedures
026-720-701	8	KS-16201, KS-16202, KS-16203, KS-16563, KS-19086, and KS-20234 Types — Requirements and Adjusting Procedures
026-720-801	3	KS-16201, KS-16202, KS-16203, KS-16563 and KS-19086 Types — Piece-Part Data and Replacement Procedures
026-740-701	4	Power-Driven Rotary Selectors Together With Associated Banks — Requirements and Adjusting Procedures
026-740-801	3	Power-Driven Rotary Selectors Together With Associated Banks — Piece-Part Data and Replacement Procedures

Division 028

**Autotransformers, Bells, Buzzers, Dials, Dial
Adapters and Mountings, Gongs,
Headsets, Potentiometers, Rheostats,
Ringers, and Sounders**

028-0 Index and Equipment Test Lists**028-1 Bells, Buzzers, Gongs, Ringers, and Sounders****028-3 Dials, Dial Adapters and Mountings; Head Tele-
phone Sets and Headsets****028-7 Autotransformers, Potentiometers, and Rheostats****028-9 Condensed Sections**

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028-000-000	67	Numerical Index — Division 028 — Auto-transformers, Bells, Buzzers, Dials, Dial Adapters and Mountings, Gongs, Head Telephone Sets, Headsets Potentiometers, Rheostats, Ringers, and Sounders
Equipment Test Lists		
028-001-011	10	Autotransformers
028-001-012	7	Rheostats
028-001-013	3	Bells, Buzzers, Chimes, and Sounders
028-001-014	3	Dials, Hand Telephone Sets and Headsets

028-1 Bells, Buzzers, Gongs, Ringers, and Sounders

028-100-701	3	Bells and Buzzers — 7 Type — Requirements and Adjusting Procedures
028-101-701	1	10- and 11-Type Bells and 10-Type Buzzers — Requirements and Adjusting Procedures
028-102-701	5	Bells Chimes, and Signals — Solenoid Type — Requirements and Adjusting Procedures

Number	Issue	Subject
028-102-801	4	Bells, Signals, and Chimes — Solenoid Type — Piece-Part Data and Replacement Procedures
028-110-701	1	1-Type Buzzers — Requirements and Adjusting Procedures
028-111-701	2	2-Type Buzzers — Requirements and Adjusting Procedures
028-112-701	2	4-Type Buzzers — Requirements and Adjusting Procedures
028-113-701	6	8-Type Buzzers — Requirements and Adjusting Procedures
028-120-701	1	Buzzers — Nos. 12092 and 12093 — Requirements and Adjusting Procedures
028-130-701	4	Ringers — No. 6A, 6J, 6M, 6N, 7A, 8A, 8JA, 37H, 38B, 40A, 40B, 42A, 51A, 51B, 55B, 65B, 68A, 68J, 68JA, 72A, 78A, 78J, and B1A, B1AA, B1AB, B1AL, B2A, B2AL, B3A and B3B — Requirements and Adjusting Procedures
028-131-701	1	Ringers — C4 and C5 Types — Requirements and Adjusting Procedures
028-131-801	1	Audible Alarm Signal Gongs for Office and Miscellaneous Alarms — C4A and C5A Ringers — Piece-Part Data and Replacement Procedures
028-140-701	1	3-Type Sounders and 12521 Sounders — Requirements and Adjusting Procedures
028-141-701	1	7-A Polarized Sounder — Requirements and Adjusting Procedures

**028-3 Dials, Dial Adapters and Mountings; Head Tele-
phone Sets and Headsets**

028-300-501	4	2-, 4-, 5-, and 6-Type Dials — Speed and Per Cent Break Tests
028-300-701	10	2-, 4-, 5-, and 6-Type Dials — Requirements and Adjusting Procedures (Condensed Section: 028-930-701)
028-300-801	6	2-, 4-, 5-, and 6-Type Dials and Associated Dial Mountings and Dial Adapters — Piece-Part Data and Replacement Procedures

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Number	Issue	Subject
Addendum	1	
028-721-701	3	Manually Operated — Steel Plate and Carbon Pile Types — Apparatus Requirements and Adjusting Procedures
028-721-801	1	Manually Operated — Steel-Plate and Carbon-Pile Types — Replacement Parts and Procedures
028-722-701	4	Motor-Driven — Apparatus Requirements and Adjusting Procedures
028-722-801	2	Motor-Driven — Replacement Parts and Procedures

028-9 Condensed Sections

028-930-701	3	2, 4, 5, and 6 Type Dials — Requirements — (Condensed Section for Section 028-300-701)
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Division 030

**Calculagraphs, Call Timing Switchs,
Cameras,Clocks, Counters, Photo Processors, Regis-
ters,
Selector Multiple Designation Cards, Switches,
Tape Printers, Ticketers, Timers, and Time Stamps**

030-0 Indexes and Equipment Test Lists**030-1 Calculagraphs, Clocks, Timers, Call Timing Switch,
and Time Stamp****030-3 Cameras, Counters, Photo Processors, Registers,
Tape Printers, and Ticketers****030-7 Selector Multiple Designation Cards, Switches****030-8 Sequence Switches****030-9 Condensed Sections**

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030-000-000	18	Numerical Index — Division 030 — Calculagraphs, Call Timing Switch, Cameras, Clocks, Counters, Photo Processors, Registers, Selector Multiple Designation Cards, Switches, Tape Printers, Ticketers, Timers, and Time Stamp
030-001-011	13	ETL — Selector Switches
030-001-012	6	ETL — Calculagraphs, Clocks, and Timers
030-001-013	4	ETL — Cameras and Photo Processing
030-001-014	5	ETL — Counters, Registers, and Ticketers
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030-1 Calculagraphs, Clocks, Timers, Call Timing Switch, and Time Stamp		
030-100-101	1	Calculagraphs, Spring Driven — Description

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030-100-301	1	Calculagraphs — Models 6 and 30 and KS-7769 (Model 33) — Operating Methods
030-100-701	6	Calculagraphs — Models 6 and 30 — Requirements and Adjusting Procedures
030-100-801	6	Calculagraphs — Models 6 and 30 — Piece-Part Data and Replacement Procedures
030-101-101	1	Calculagraphs, Electrically Driven — Model 30 and Model 33 — Description
030-102-701	7	Calculagraphs — KS-7769 (Model 33) — Requirements and Adjusting Procedures
030-102-801	6	Calculagraphs — KS-7769 (Model 33) — Piece-Part Data and Replacement Procedures
030-110-701	2	Electric Clock — KS-8155 — Requirements and Adjusting Procedures
030-111-501	1	Measurement of Timing Intervals — Using S1 Timer
030-111-701	2	Standard Electric Time Company's — S-1, S-1A, and S-10 Timers and KS-8160 Electric Stop Clock — Requirements and Adjusting Procedures
030-112-701	2	Electric Stop Clock — KS-8259 — Requirements and Adjusting Procedures
030-113-701	3	Motor Driven — Switchboard Clock KS- 8263 — Requirements and Adjusting Procedures
030-114-801	2	Switchboard Position Clocks — KS-14156 L13, L14, L15, and L16 — Replacement Procedures
030-114-811	2	Switchboard Position Clocks — KS-14156 L13, L14, L15 and L16 — Positioning and Setting
Addendum	2	
030-115-701	2	Electric Stop Clock — KS-14235 — Requirements and Adjusting Procedures
030-120-101	1	Electric Clock Systems For Telephone Offices — Description
030-121-501	2	Clock Circuits — Tests

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030-121-701	2	Master Clocks — KS-1299, KS-1924, KS- 1925, KS-1926, KS-1927, KS-1928, KS- 1929, KS1930, KS-1931, KS-6777 and KS6778 — Requirements and Adjusting Procedures
030-122-701	3	Electric Clocks — 1 Type — Requirements and Adjusting Procedures
030-124-701	2	Secondary Clocks — Requirements and Adjusting Procedures
030-125-501	5	Building Master Clocks — Precise Time Setting
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030-140-701	3	Nonzone Timers No. 1A and D-99005 and Associated Nos. 51A, 51C, 52A, D- 99004 and D-179538 Drives — Requirements and Adjusting Procedures
Addendum	1	
030-140-702	4	Coin Timers No. 1B, D-99006, and D- 159938 and Associated Nos. 51A, 51C, 52A, D-99004, and D-179538 Drives — Requirements and Adjusting Procedures
Addendum	1	
030-140-703	4	Nonzone Test Timers No. 1C and D-99325 — Coin Test Timers No. 1D and D- 99326 and Associated Nos. 51B, 51D, 52B, D-156125, and D-179539 Drives — Requirements and Adjusting Procedures
030-140-801	3	1-Type Timers and Associated 51- and 52-Type Drives — Piece-Part Data and Replacement Procedures
030-140-811	1	1-Type Timers — Conversion of Associated 51- and 52-Type Drives From 5- to 4-Minute Operation — Piece-Part Data and Replacement Procedures
030-141-701	9	2-Type, 4A, 4B (Mfr Disc.), 4E, and D- 171689 — Requirements and Adjusting Procedures
030-141-801	7	2-Type, 4A, 4B (Mfr Disc.), 4E, and D- 171689 — Piece-Part Data and Replacement Procedures
030-142-701	2	Timers — 3-Type — Requirements and Adjusting Procedures

Number	Issue	Subject
030-142-801	1	Timers — 3-Type — Piece-Part Data and Replacement Procedures
030-150-701	2	Nonzone Timer D-159823 and Associated No. 51A Drive — Requirements and Adjusting Procedures
030-155-801	4	KS-Specification Timers — General Replacement Information
030-156-701	1	Timers KS-8543 and KS-8564 — Requirements and Adjusting Procedures
030-157-701	7	KS-14741 Program Timers — Requirements and Adjusting Procedures
030-157-801	6	KS-14741 Program Timers — Piece-Part Data and Replacement Procedures
030-159-701	3	Timers — KS-16329, L1 and L2 — Requirements and Adjusting Procedures
030-159-801	2	Timers — KS-16329, L1 and L2 — Piece- Part Data and Replacement Procedures
030-170-701	1	KS-5464 Call Timing Switch — Requirements and Adjusting Procedures
030-176-701	2	Stromberg Time Stamp — Requirements and Adjusting Procedures

030-3 Cameras, Counters, Photo Processors, Registers, Tape Printers, and Ticketers

030-300-301	2	Photographing Message Registers — Using Electrically Operated KS-7703 and KS-8320 Cameras
030-300-701	2	Message Register Cameras KS-7703 and KS-8320 — Requirements and Adjusting Procedures
Addendum	1	
030-301-301	4	Photographing Message Registers — Using KS-14593, L1 Message Register Camera and KS-14778 Photo Processor
Addendum	1	
030-301-701	2	KS-14593, List 1 — Message Register Camera — Requirements and Adjusting Procedures

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030-301-801	3	KS-14593, List 1 — Message Register Camera — Piece-Part Data and Replacement Procedures	030-332-501	2	Traffic Register 100-Operation Tests — Using Message Register Test Set SD- 30490-01 or ES-360006
Addendum	1		030-332-502	1	Traffic Register Tests — Using Test Set SD-32150-01
030-302-301	5	Photographing Traffic Registers — Using Electrically Operated KS-14776 Camera	Addendum	1	
030-302-701	5	Traffic Register Cameras — KS-14776 L1 and L2 — Requirements and Adjusting Procedures	030-333-701	1	Line-Message Registers — 15 Type — Requirements
030-302-801	7	Cameras — KS-14776 L1 and L2 — (Traffic Register Cameras) — Piece-Part Data and Replacement Procedures	030-334-701	1	19A and 20A Line Message Registers — Requirements
Addendum	2		030-340-701	2	Bunnell Ink Writing Register — (Pen Register) — Requirements and Adjusting Procedures
030-304-301	1	Photographing Message Registers — Using KS-20900 L1, Message — Register Camera	030-341-701	4	20-Pulse Pen Registers — KS-3106 (Single Pen) and KS-3107 (Double Pen) and Similar Pen Registers Manufactured by Foote-Pierson Co. or J. H. Bunnell Co. — Requirements and Adjusting Procedures
030-310-701	3	KS-7495 and KS-14359 Magnetic Counters — Requirements and Adjusting Procedures	Addendum	1	
030-311-811	1	Method of Mounting KS-16493 Magnetic Counter — In Place of KS-14359 Magnetic Counter	030-342-301	3	KS-19717 Tape Printer — Operating Procedures
030-312-701	2	3-Type Counter — Requirements and Adjusting Procedures	030-342-701	4	KS-19717 L1, L2, L4, and L5 Tape Printer — Requirements and Adjusting Procedures
030-313-101	2	Magnetic Counters — Description	030-342-702	3	KS-19717 L3, L6 and L7 Tape Printers — Requirements and Adjusting Procedures
030-320-701	2	Photo Processor KS-14778 — Requirements and Adjusting Procedures	030-342-801	3	KS-19717 L1, L2, L4, and L5 Tape Printers — Piece-Part Data and Replacement Procedures
030-320-801	1	KS-14778 Photo Processor — Piece-Part Data and Replacement Procedures	030-342-802	2	KS-19717 L3, L6, and L7 Tape Printers — Piece-Part Data and Replacement Procedures
030-330-701	7	Line Message Registers 5-Type — Requirements and Adjusting Procedures	030-360-701	5	1-Type Message Ticketer — Requirements and Adjusting Procedures
030-330-702	5	Traffic and Plant Registers 5- and 12-Types — Requirements and Adjusting Procedures	Addendum	1	
030-331-701	5	14-Type Line Message Registers — Requirements	030-360-801	1	1-Type Message Ticketer — Piece-Part Data and Replacement Procedures
030-331-702	5	14-Type Traffic and Plant Registers — Requirements and Adjusting Procedures			
030-331-801	4	14-Type Registers — Piece-Part Data and Replacement Procedures			
			030-7 Selector Multiple Designation Cards, Switches		
			030-700-701	3	188- and 189-Type Switches — Requirements and Adjusting Procedures
			030-705-301	3	Designation Cards for Selector Multiple — Method of Using — Step-by-Step Systems

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030-705-501	8	197- and 198-Type Switches and Line Switches — Equipment Insulation and Bank Ground Test	Addendum	1	
030-705-502	1	197- and Similar Type Switches — Insulation Resistance of Banks and Bank Multiple — Tests	030-705-804	7	197- and 198-Type Switches — Cords, Cord Holders, Commutators, Wiper Springs, and Parts Associated With the Coverplate — Piece-Part Data and Replacement Procedures
030-705-701	5	197- and 198-Type Switches — Requirements and Adjusting Procedures	030-705-805	5	197- and 198-Type Switches — Pawls and Pawl Pins — Piece-Part Data and Replacement Procedures
030-705-702	12	197- and 198-Type Switches — Rotary, Vertical, and Release Mechanisms — Requirements and Adjusting Procedures	Addendum	1	
030-705-703	10	197- and 198-Type Switches — Contact Spring Assemblies — Requirement and Adjustment Procedures	030-705-806	10	197- and 198-Type Switch Banks — Piece- Part Data and Replacement Procedures
Addendum	1		030-705-807	1	197- and 198-Type Switches — Procedures for the Replacement Supply Bank Insulators Where Banks Have Silver Plate Bank Contacts
030-705-704	9	197- and 198-Type Switches, Banks, Commutators, Wipers, Jack Springs, and Switch Operation — Requirements and Adjusting Procedures	030-705-820	3	197- and 198-Type Switches — Methods of Mounting Capacitors and Networks on Shelf Angles
030-705-706	12	Switches — 197- and 198-Types — Lubrication — Requirements and Procedures	030-705-821	2	Step-by-Step Switch Covers — Removal of Felt Seals and Installing Fiber Strips
030-705-711	2	Side Switch — (Part of Earlier 197-Type Switches) — Requirements and Adjusting Procedures	030-710-701	2	202-Type Switches — Requirements and Adjusting Procedures
Addendum	1		030-711-701	2	211- and 212-Type Switches — Requirements and Adjusting Procedures
030-705-801	4	197- and 198-Type Switches — Associated Banks and Commutators — Piece-Part Data and Replacement Procedures	030-711-801	1	211- and 212-Type Switches — Piece-Part Data and Replacement Procedures
030-705-802	8	197- and 198-Type Switches — Parts Mounted Above Coverplate Except Pawls, Pawl Pins, and Contact Spring Assemblies — Piece-Part Data and Replacement Procedures	030-712-701	3	216- and 217-Type Switches — Requirements and Adjusting Procedures
Addendum	1		030-712-801	3	Nos. 216A and 217A Switches — Piece- Part Data and Replacement Procedures
030-705-803	10	Switches — 197 and 198 Types — Contact Spring Assemblies, Test Jack Assemblies, and Normal Post Cams — Piece-Part Data and Replacement Procedures	030-713-701	5	223-Type Coaxial Switches — Requirements
			030-715-701	7	Switches — 300, 301, 302 and 303 Types — Requirements and Adjusting Procedures
			Addendum	2	
			030-715-801	5	Switches — 300, 301, 302, and 303 Types — Piece-Part Data and Replacement Procedures

Number	Issue	Subject	Number	Issue	Subject
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Addendum	1		030-760-701	3	4-Type Foot Switches — Requirements and Adjusting Procedures (Condensed Section: 030-970-701)
030-717-801	5	Switches — 304-, 305-, 306-, 307-, 308-, 314-, 315-, and 318-Type — Piece-Part Data and Replacement Procedures	Addendum	1	
030-720-701	9	Switches — 324, 325, 328, 334, and 338 Types — Requirements and Adjusting Procedures	030-761-701	2	Plunger Type Switches — Primary and Secondary Line Switches and Out Trunk Switches — Requirements and Adjusting Procedures
030-720-801	9	324-, 325-, 328-, 334-, and 338-Type Switches — Piece-Part Data and Replacement Procedures	030-761-801	3	Plunger Type Switches and Banks — Primary and Secondary Line Switches and Out Trunk Switches — Piece-Part Data and Replacement Procedures
Addendum	3		030-762-701	2	Solenoid Type Master Switch
030-721-701	6	Small Crossbar Switch — Requirements and Adjusting Procedures	030-762-801	2	Solenoid Type Master Switches — Piece-Part Data and Replacement Procedures
Addendum	1		030-765-701	1	Stud Type Rotary Switches — 34- and 37-Type Potentiometers, Certain Artificial Lines and Attenuators — Requirements and Adjusting Procedures
030-721-801	7	Small Crossbar Switches — Piece-Part Data and Replacement Procedures	030-765-702	2	Stud Type Rotary Switches — 212 Type Input Transformers — Requirements and Adjusting Procedures
030-740-701	8	Knife Switches — Requirements and Adjusting Procedures	030-765-703	1	Stud Type Rotary Switches — D-95522 — Rheostats — D-88790, D88791, D88792, D88793, D-91283, D91378 — Potentiometers — 20A, 22A, 22B, 25A, 25B, 26A, 30A, and 30B Types — D-81127, D-81157, D-81158, D-81228, D-81236, D-81238, D-81284, D-81312, D-85675, D-85738, D-86118, D-88204, D-88205, D-88206, D-88207, D-88328, D-88702, D-88733, D-90329, D-90330, D-90331, D-91381, D-92146, D-92147, D-92515, D-93385, D-95140, D-95415 — Requirements and Adjusting Procedures
030-741-701	3	Palmer Master Switches — Contactor Type — Requirements and Adjusting Procedures	030-766-701	5	Rotary Switch — Automatic Electric Company 25 Point — Heavy-Duty Type — (Used in Secondary Line Switch Allotter Circuits) — Requirements and Adjusting Procedures
030-741-801	1	Palmer Master Switches — Contactor Type — Piece-Part Data and Replacement Procedures			
030-742-701	4	KS-5189, KS-5189-01, KS-5189-02, and KS-5189-03 — Emergency Lighting Relay Switches — Requirements and Adjusting Procedures			
030-742-801	3	KS-5189, KS-5189-01, KS-5189-02, and KS-5189-03 — Emergency Lighting Relay Switches — Piece-Part Data and Replacement Procedures			
030-743-701	1	Palmer Master Switches — Requirements and Adjusting Procedures			
030-744-701	10	Manually Operated Rotary Switches — Requirements and Adjusting Procedures			
030-745-701	1	Knife and Rotary Switches — Cleaning and Lubrication			

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030-766-702	4	Rotary Switch — Automatic Electric Company 25 Point — Light-Duty Type — Requirements and Adjusting Procedures	030-787-801	3	Motor-Driven Switches — KS-5502 and KS-15836 Type — Replacement Parts and Procedures
030-766-801	3	Automatic Electric Company 25-Point Rotary Switches and Associated Banks — Piece-Part Data and Replacement Procedures	030-789-701	1	Emergency Cell Switches — Motor-Driven Rotary Type — Requirement and Adjusting Procedures
Addendum	1		Addendum	1	
030-767-701	6	Switch per D-159393 and Associated Motor Generator for A3 and A5 Privacy Systems — Requirements and Adjusting Procedures	030-790-701	1	KS-5312 Emergency Cell Switch and Automatic Switch Company Transfer Switches Having No KS Designations — Requirements and Adjusting Procedures
030-780-301	1	Automatic Electric Company's — 25-Ampere and 80-Ampere Automatic Voltage Regulator Switches — Operation	030-8 Sequence Switches		
030-780-701	2	Automatic Electric Company's — 25-Ampere and 80-Ampere Counter EMF Cell Switches — Requirements and Adjusting Procedures	030-801-501	2	Test for Slipping Drives
030-785-701	9	KS-15610 and KS-15624 — Switch Panels — Single Motor-Driven Type — Requirements and Adjusting Procedures	030-801-701	6	A and B Types — Requirements and Adjusting Procedures
030-785-801	2	Switch Panels — Single Motor-Driven Type — KS-15610 and KS-15624 — Replacement Parts and Procedures	030-801-801	6	A and B Types — Piece-Part Data and Replacement Procedures
Addendum	1		030-801-811	1	Repair of Magnet Coils
030-786-701	4	Motor-Driven Switches — KS-15847 Type — Requirements and Adjusting Procedures	030-801-812	7	Procedure for Replacing Tips of Worn Contact Springs
Addendum	1		030-801-813	4	Procedure for Shortening Springs
030-786-801	3	Motor Driven Switches — KS-15847 Type — Replacement Parts and Procedures	030-801-814	4	Procedure for Splitting Springs
030-787-701	7	Motor-Driven Switches — KS-5502 and KS-15836 Type — Requirements and Adjusting Procedures	030-802-701	2	Spring Driven — Requirements and Adjusting Procedures
			030-9 Condensed Sections		
			030-970-701	1	4-Type Foot Switches — Requirements — (Condensed Section for 030-760-701)

Division 032**Capacitors, Connectors, Cords, Cord Reels, Diodes, Drops, Jacks, Keys, Lamps, Plugs, Resistors, Signals, Sockets, Thermistors, Transistors, and Varistors****032-0 Indexes and Equipment Test Lists****032-1 Capacitors, Diodes, Resistors, Thermistors, Transistors, and Varistors****032-3 Cords, Cord Reels, Drops, and Noncoded Connectors, Jacks, Plugs, and Sockets****032-5 Lamps, Plugs, Signals, and Sockets****032-7 Keys****032-9 Drops, Keys, and Signals — Condensed Sections**

Number	Issue	Subject
032-0 Indexes and Equipment Test Lists		
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032-100-102	1	Description of Circuit Requirement Table for Electrolytic Capacitors
032-100-301	1	Electrolytic Capacitors — 100 and 101 Types — Method of Operation
032-100-701	1	Electrolytic Capacitors — 100 and 101 Types — Requirements and Adjusting Procedures
032-110-501	5	Electrolytic Capacitors — Testing Procedures

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032-110-701	8	Electrolytic Capacitors — Aluminum-Type — Requirements and Procedures
032-120-101	3	Fixed Capacitors and Fixed Resistors — (KS-SPEC., MIL or JAN, RETMA) — Color Codes and Reference Data
032-140-811	1	Resistors — 18- and 19-Type — Procedures for Mounting
032-150-201	2	Thermistors in PBX Switchboard and Order Turret Trunk Circuits — Installation
032-160-701	2	Diodes — 400-Type — Current Flow Requirements Using KS-12054 Test Set
032-170-201	2	Click Reducing Varistors in PBX Switchboard and Order Turret Telephone Circuits — Installation
032-170-501	2	Click Reducing Varistors in Operator Telephone Circuits — Resistance Test
032-171-501	2	Varistors — Transmission Loss Measurements Using the 12-dB Pad
032-173-301	7	Testing, Replacing, Handling, Storing, and Shipping Circuit Packs and Semiconductor Devices
032-174-801	1	Diodes on 835A Networks on J67465 Outgoing Trunk Identification Frames in 4A and 4M Toll Crossbar Offices — Replacement Procedures
032-182-101	1	Telephone Memory Devices

032-3 Cords, Cord Reels, Drops, and Noncoded Connectors, Jacks, Plugs, and Sockets

032-300-101	6	Noncoded Connectors — P-267188, P-47C328, P47C329, and KS-13836 Through KS-14525 — Description
032-300-105	1	Noncoded Connectors — KS-14528 Through KS-16370 — Description
032-300-110	1	Noncoded Connectors — KS-16409 Through KS-19081 — Description
032-300-115	2	Noncoded Connectors — KS-19087 Through KS-19088 — Description

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032-300-120	1	Noncoded Connectors — KS-19163 Through KS-19198 — Description	032-302-105	1	Noncoded Plugs — KS-16081 Through KS-16476 — Description
032-300-125	1	Noncoded Connectors — KS-19278 Through KS-19281 — Description	032-302-110	1	Noncoded Plugs — KS-16671 Through KS-16785 — Description
032-300-130	2	Noncoded Connectors — KS-19331 Through KS-19770 — Description	032-302-115	1	Noncoded Plugs — KS-19044 Through KS-19183 — Description
032-300-135	1	Noncoded Connectors — KS-19771 Through KS-20144 — Description	032-302-120	2	Noncoded Plugs — KS-19184 Through KS-19912 — Description
032-300-138	1	Noncoded Connectors — KS-20201 Through KS-20262 — Description	032-302-125	1	Noncoded Plugs — KS-20126 Through KS-20999 — Description
032-300-140	1	Noncoded Connectors — KS-20265 Through KS-20633 — Description	032-302-130	1	Noncoded Plugs — KS-21049 Through KS-22335 — Description
032-300-145	1	Noncoded Connectors — KS-20635 Through KS-20863 — Description	032-303-101	3	Noncoded Sockets — KS-8132 Through KS-13680 — Description
032-300-150	1	Noncoded Connectors — KS-20867 Through KS-21271 — Description	032-303-105	1	Noncoded Sockets — KS-14099 Through KS-14638 — Description
032-300-155	2	Noncoded Connectors — KS-21274 Through KS-21442 — Description	032-303-110	1	Noncoded Sockets — KS-16102 Through KS-19826 — Description
032-300-160	2	Noncoded Connectors — KS-21443 Through KS-21813 — Description	032-303-115	2	Noncoded Sockets — KS-21295 Through KS-21320 — Description
032-300-165	1	Noncoded Connectors — KS-21869 Through KS-22066 — Description	032-303-120	1	Noncoded Sockets — KS-21538 Through KS-22320 — Description
032-300-170	1	Noncoded Connectors — KS-22148 Through KS-22506 — Description	032-305-801	2	KS-14528, KS-14555, KS-14672, KS-16323 Connectors, KS-14095, KS-14173, and KS-16080 Jacks, KS-13875, KS-14460, and KS-14482 Plugs, and KS-14453 Socket — Piece-Part Data and Replacement Procedures
032-301-101	5	Noncoded Jacks KS-13733 Through KS-14982 — Description	032-311-100	1	Patching and Testing Cord Assemblies — One-Conductor Cords — General
032-301-105	1	Noncoded Jacks — KS-16080 Through KS-19649 — Description	032-311-102	5	Patching Cord Assemblies — One-Conductor Cords — 1P1A to 1P12A — Description
032-301-110	1	Noncoded Jacks — KS-20452 Through KS-21004 — Description	032-311-111	4	Patching Cord Assemblies — One-Conductor Cords — P1A Through P1Y — Description
032-301-115	1	Noncoded Jacks — KS-21152 Through KS-22493 — Description	032-311-121	3	Testing Cord Assemblies — One-Conductor Cords 1W1A to 1W17A — Description
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032-312-107	1	Patching Cord Assemblies — 2-Conductor Cords — P2A Through P2T — Description	032-313-103	5	Patching Cord Assemblies — 3-Conductor Cords — 3P17A to 3P36D — Description
032-312-111	6	Patching Cord Assemblies — 2-Conductor Cords — P2AA Through P2CD — Description	032-313-104	2	Patching Cord Assemblies — 3-Conductor Cords — 3P38A to 3P40A — Description
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032-312-121	2	Testing Cord Assemblies — 2-Conductor Cords — 2W1A to 2W28A — Description	032-313-122	5	Testing Cord Assemblies — 3-Conductor Cords — 3W15A through 3W20A — Description
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Division 034

**Distributors, Regenerators, and Regenerative Repeaters for Teletypewriter Service
AMA Tape Reels/Reelers, Cleaning Cabinets,
Perforators, Readers, Recorders/Reproducers,
Tape Announcing Machines, and Translators**

034-0 Index and Equipment Test Lists**034-1 Distributors, Regenerators, and Regenerative Repeaters (TELETYPE®)****034-3 Perforators, Readers, Cleaning Cabinet, Recorders, Recorder-Reproducers, Tape Reeler, AMA Tape Reel and Tape Announcing Machine****034-7 Translators**

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034-353-703	1	KS-16534, L1 Recorder-Reproducer — Control Unit — Requirements and Adjusting Procedures	034-357-801	1	KS-19325, L1 Recorder — Piece-Part Data and Replacement Procedures
034-353-704	1	KS-16534, L1 Recorder-Reproducer — Recorder-Reproducer Mechanism — Requirements and Adjusting Procedures	034-358-301	2	KS-19326, L1 Recorder — Description and Operation
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034-353-801	1	KS-16534, L1 Recorder-Reproducer — Piece-Part Data and Replacement Procedures	034-358-701	3	KS-19326, L1 Recorder — Requirements and Adjusting Procedures
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034-354-801	6	KS-16765, L3 and L3HD Recorders — Piece-Part Data and Replacement Procedures	034-358-801	2	KS-19326, L1 Recorder — Piece-Part Data and Replacement Procedures
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034-355-701	3	KS-19124, L2 Record-Reproduce Mechanism — Requirements and Adjusting Procedures	034-359-701	3	10A Recorder and Associated Apparatus Used in 2AA and Modified 2A Telephone Answering Sets — Requirements and Adjusting Procedures
034-355-801	4	KS-19124, L2 Record-Reproduce Mechanism — Piece-Part Data and Replacement Procedures	034-359-801	2	10A Recorder and Associated Apparatus Used in 2AA and Modified 2A Telephone Answering Sets — Piece-Part Data and Replacement Procedures
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034-356-701	4	KS-19125, L1 and L2 Recorders — Requirements and Adjusting Procedures	034-360-801	3	KS-19125, L3 Recorder — Piece-Part Data and Replacement Procedures
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034-356-801	3	KS-19125, L1 and L2 Recorders — Piece- Part Data and Replacement Procedures	034-361-301	1	KS-20017, L3 Recorder — Trouble Locating Procedures
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040-900-701	3	111 (Part of 163), 121, 122, 125, 149, 162, 178 and 179 Types — Requirements — (Condensed Section for 040-219-701)
040-901-701	3	186-Type — Requirements — (Condensed Section for 040-224-701)
040-902-701	2	206, 227, 231 and 239 Types — Requirements — (Condensed Section for 040-228-701)
040-903-701	1	253-Type — Requirements — (Condensed Section for 040-250-701)
040-904-701	2	271, 282 and 310 Types — Requirements (Condensed Section for 040-260-701)

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Division 065**Miscellaneous Equipment and Materials****065-0 Indexes and Equipment Test Lists****065-1 Furniture, Fixtures, Appliances****065-2 Equipment****-210 Framework****-215 Bays****065-3 Materials**

Number	Issue	Subject
065-0 Indexes and Equipment Test Lists		
065-000-000	73	Numerical Index — Division 065 — Miscellaneous Equipment and Materials (5-95)
065-001-011	17	ETL — Furniture Fixture Appliance

065-1 Furniture, Fixtures, Appliances

065-100-102	6	Operator Chairs — Metal Type — Description
065-100-501	10	Operator Chairs — Tests and Inspection
065-100-801	8	Operator and Supervisor Chairs — Bentwood Type — Piece-Part Data, Replacement Procedures and Reconditioning
065-100-802	14	Operators Chairs — Metal Type — Replacement Parts, Replacement Procedures, and Minor Repairs
065-104-301	3	Stepladders — Use and Care
065-105-301	1	Rolling Platform Ladder — KS-21415 L1 and L2 — Operation, Adjustment, Piece- Part Data, and Replacement Procedures
065-105-501	15	Ladders and Ladder Seats — Tests and Inspections
065-105-802	2	Track-Type Rolling Ladders and Ladder Seats — Piece Part Data, Replacement Procedures, and Minor Repairs

Number	Issue	Subject
065-105-803	1	Portable-Type Step, Rolling, and Pulpit Ladders — Piece-Part Data, Replacement Procedures, and Minor Repairs
065-106-100	1	SHUJAX* Working Stilts — Telecommunications Applications
065-110-501	2	Extension Lamps and Cords — Tests and Inspections
065-114-701	3	KS-15696, KS-15698, KS-21861, and KS-21862 — Bus Ducts — Application and Maintenance Procedures
065-115-801	5	Bus Ducts — Trolley Type — Piece Part Data and Replacement Procedures
065-116-301	1	Emergency-Lighting Fixture — KS-19431 — Operating Methods
065-120-801	1	Keyshelf Bulletin Holders — Piece-Part Data and Replacement Procedures
065-125-801	1	Maintenance Brackets ED-63343-01 for Supporting Equipment Units

065-2 Equipment**065-215 Bays**

▲065-215-200	3	Seismic Network Bay Frame — Application Planning Ordering Guide (5-95)
065-215-250	4	Seismic Network Bay Frame — Installation Guide Comcode 107165607 (1-95)

065-3 Materials

065-305-301	12	Reserve Engine Cooling Systems — Antifreeze Solutions and Treatment for Rust and Leaks
065-320-301	10	Engine Fuel Storage — Operating Methods
065-330-101	12	Materials — General
065-330-102	2	Greases
065-330-103	1	Silicone Oils, Fluids, and Compounds

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Number	Issue	Subject
065-330-105	1	Standby Engine Alternators — Sump Oil Analysis
065-330-110	3	Oils
065-330-120	5	Cleaning Fluids
065-330-320	2	Precautions Using Cleaning Fluids
065-370-101	18	Power Plant Materials — Gen- eral

Division 067**Concentrators****067-0 Indexes****067-1 NO. 1A, 2A, and 2B Line Concentrators****067-2 Gfeller Line Concentrator****067-3 Line Concentrator and Central Office Equipment
Associated with Emergency Reporting System (520-
Type PBX)****067-4 Line Concentrator-Identifier**

Number	Issue	Subject
067-0 Indexes		
067-000-000	23	Numerical Index — Division 067 — Concentrators
067-1 No. 1A, 2A, and 2B Line Concentrators		
067-100-301	2	Measurement of Concentrator Trunk Usage Using the Trunk Usage Recorder Circuit — SD- 96549-01
067-105-201	3	No. 1A — Cutover Procedures and Addition and Deletion of In- dividual Lines
067-105-202	2	No. 1A — Installation and Remo- val of Control Unit
067-105-301	4	No. 1A — Trouble Analysis
067-105-302	1	No. 1A — Procedure for Releas- ing Permanent Signals From Line Concentrator Trunks
Addendum	2	
067-105-501	4	No. 1A — Preinstallation Tests and Tests and Inspections at Time of Installation
Addendum	2	
067-105-502	4	No. 1A — SD-96536-01, SD- 96537-01, and SD-95957-01 — System Tests
067-106-201	1	No. 1A With MF Signaling — Cut-Over Procedures and Addi- tion and Deletion of Individual Lines

Number	Issue	Subject
067-106-301	2	No. 1A With MF Signaling — Trouble Analysis — Operating Methods
067-106-501	1	No. 1A With MF Signaling — Preinstallation Tests — Tests and Inspections at Time of Instal- lation and Out-of- Service Tests
067-106-502	1	No. 1A With MF Signaling — System Tests
067-109-301	2	No. 2A — Trouble Location
067-109-302	2	No. 2A — Procedure for Releas- ing Permanent Signals From Line Concentrator Trunks and for Taking Line Concentrator Trunks Out of Service
Addendum	1	
067-109-502	3	No. 2A — SD-94815-01 and SD-94816-01 — System Tests
❶ 067-110-301	1	No. 2B — Trouble Location
❶ 067-110-302	1	Procedure for Releasing Per- manent Signals From Line Con- centrator Trunks
❶ 067-110-303	1	Procedure for Establishing Con- nection for Transmission Tests From 21A Testboard
❶ 067-110-502	1	No. 2B — System Tests

067-2 Gfeller Line Concentrator

067-201-101	2	49-9-2, 49-11 + 1-2, 49-12-2 General Description
Addendum	3	
067-201-102	2	49-9-2, 49-11 + 1-2, 49-12-2 — Detailed Circuit Operation
Addendum	1	
067-201-103	2	49-9-2, 49-11 + 1-2, 49-12-2 — Auxiliary and Applique Circuits — Description
Addendum	1	
067-201-201	2	49-9-2, 49-11 + 1-2, 49-12-2 Ini- tial Preparation, Line-Up and Cutover
067-201-401	2	49-9-2 — Schematics
067-201-402	1	49-11 + 1-2 — Schematics
067-201-403	1	49-12-2 — Schematics
067-201-501	2	Power Supply PEC-8001-A — Tests
067-201-502	3	Power Supply PEC-8002 — Tests

Number	Issue	Subject	Number	Issue	Subject
067-201-701	2	49-9-2, 49-11 + 1-2, 49-12-2 — Apparatus Requirements and Adjusting Procedures	067-4 Line Concentrator-Identifier		
067-201-801	4	49-9-2, 49-11 + 1-2, 49-12-2 — Piece-Part Data, Replacement Procedures — Component Parts and Maintenance Equipment	067-400-101	1	KS-21056 Test Set (SD-99608-01) — Description, Calibration, and Operation
067-3 Line Concentrator and Central Office Equipment Associated with Emergency Reporting System (520-Type PBX)			067-400-501	1	Tone Signaling Circuit SD-99556-01 (J59202) — Tests and Adjustments
067-301-501	3	Central Office Test Circuit SD-98067-01 — 520-Type PBX Emergency Reporting System — Operation Tests	067-401-201	1	(J93021) Applied to Telephone Secretarial Service — Tests and Inspection at Time of Installation
067-302-301	2	Line Concentrator Associated With 520- Type PBX — Recording, Analysis, and Handling Trouble Indicator Reports	067-401-202	1	(J93021) Used With Electromechanical Central Offices — Tests and Inspections at Time of Installation Using Test Set KS-21056
067-302-501	3	Line Concentrator Associated With 520- Type PBX — Tests Using Test Circuit SD-98067-01	067-401-501	1	(J93021) Applied to Telephone Secretarial Answering Service — Circuit Tests and Trouble Analysis
067-302-502	3	Line Concentrator Associated With 520- Type PBX — Controller Circuit Tests Using Test Circuit SD-98067-01	067-401-502	1	(J93021) Used With Electromechanical Central Offices — Circuit Tests and Trouble Analysis Using Test Set KS-21056
067-302-503	2	Line Concentrator Associated With 520- Type PBX — Outgoing Trunk Circuits — Operation Tests	067-405-201	1	(J93021 and J93022) For Use With No. 1 Electronic Switching System — Tests and Inspections at Time of Installation
067-303-501	1	Long Line Circuits Associated With 520- Type PBX — Tests	067-405-202	1	(J93021 and J93022) Used With No. 1 and 2 Electronic Switching Systems — Tests and Inspections at Time of Installation Using Test Set KS-21056
067-304-501	1	Selective Routing Circuits Used With Direct Lines Associated With 520-Type PBX — Tests	067-405-501	1	(J93021 and J93022) For Use With No. 1 Electronic Switching System — Circuit Tests and Trouble Analysis
			067-405-502	1	(J93021 and J93022) Used With No. 1 and No. 2 Electronic Switching Systems — Circuit Tests and Trouble Analysis Using Test Set KS-21056

Division 069**Apparatus and Equipment Cabling, Wiring, Cleaning, Treating, etc.
Methods****069-0 Index, Equipment Test List, and General Apparatus Information**

-000 Index

-001 Equipment Test List

-020 General Apparatus Information

069-1 Cabling, Wiring, Skinning, and Connecting**069-3 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — General****069-5 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — Step-by-Step Offices****069-7 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — Crossbar Offices****Number****Issue****Subject**

069-105-811	1	Coaxial Office Cable — Preparing for Splicing and Termination
069-120-811	9	Skinning and Preparing Wire for Cross-Connections on Distributing Frames and Cross-Connection Fields
069-130-811	1	Method of Connecting Wires — To Split Terminals
069-131-811	6	Apparatus — Method of Making Test Connections
069-132-811	10	Punched- or Wire-Type Terminals (Not Having Notches or Perforations) — Method of Making and Removing Wrapped Connections
069-133-801	2	Straps and Cross Connections — Solderless Wrapped Connections — Method of Placing
069-135-501	2	Solderless Connectors — Inspection
069-140-811	8	Soldered Connections Using Soldering Coppers — Method of Making and Removing
069-141-811	2	300 and Similar Type Switches and 245 and Similar Type Relays — Soldering Strap Wires

Number**Issue****Subject****069-0 Index, Equipment Test List, and General Apparatus Information****069-000 Index**

069-000-000	87	Numerical Index — Division 069 — Apparatus and Equipment — Cabling, Wiring, Cleaning, Treating, etc. — Methods
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069-001 Equipment Test List

069-001-011	16	Cleaning and Reconditioning Apparatus
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069-020 General Apparatus Information

069-020-801	8	Method of Blocking Apparatus and Insulating Contacts
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069-1 Cabling, Wiring, Skinning, and Connecting

069-100-811	2	Cables — 720 and 721 Types — Protection of Insulation
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069-3 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — General

069-301-801	2	Springs and Studs of Dzus Fasteners — Used in the N1 Carrier Telephone System — Piece-Part Data and Replacement Procedures
069-301-802	2	Springs and Studs of Dzus Fasteners — Used in K2 Carrier Telephone System — Piece-Part Data and Replacement Procedures
Addendum	1	
069-305-301	3	General Cleaning of Equipment — Dusting and Washing Operations
Ⓐ 069-306-801	8	Relay Contacts and Parts — Contacts on Similar Apparatus Except Keys and Jacks — Cleaning and Reconditioning
069-307-801	2	North Electric Multicontact Relays — Cleaning and Treating Contacts

Number	Issue	Subject	Number	Issue	Subject
069-310-801	9	Replacing Contacts — Using the 1004A, 1004B, and 1013A Tool Kits — General	069-380-811	3	Plugs — Cleaning and Polishing — Using Portable Plug Cleaner
Addendum	1		069-380-812	2	Plugs — Cleaning and Polishing — Using Cotton Sleeving
069-310-802	7	Relays (Nonwire Spring-Type), 197-Type Switches, Crossbar Switches, and KS-13835 (AMA) Reader — Replacing Contacts	Ⓐ 069-380-813	2	Cleaning Switchboard Plugs — Using the No. 497A or 497B Tool
Addendum	1		Ⓐ Addendum	1	
069-310-803	8	Relays (Wire-Spring Type) — Replacing Contacts	Ⓐ 069-386-801	3	Keys and Jack Contacts — Method of Cleaning
069-310-804	4	Relays (Nonwire Spring-Type), 197-Type Switches, and KS-13835 (AMA) Reader — Having Unusual Contact Conditions — Replacement Contacts	069-387-801	2	Cleaning Flares of Jacks
Addendum	1		069-388-801	2	Operators Telephone Set Jacks — Cleaning Procedures
069-311-801	3	10-, 11-, 26-, 27- and 32-Type Banks Associated With Rotary Selectors — Repairing Feeder Brush Tips Using the No. 1004A or 1004B Tool Kit	Ⓐ 069-399-201	4	Lettering and Numbering — General Requirements and Methods
069-315-801	2	Heat Coil and Protector Spring Contacts — Cleaning	069-5 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — Step-By-Step Offices		
069-321-801	2	Stud-Type Rotary Switches, Attenuators, Potentiometers, and Rheostats — Procedures for Cleaning and Treatment	069-501-801	14	197- and 198-Type Switches and Associated Banks, Commutators, and Wipers — Cleaning Requirements and Procedures
069-330-801	2	Rotors and Associated Banks of 200-, 206-, 209- and 211-Type Selectors — Cleaning and Treatment	069-501-802	2	Banks Associated With 197- and 198-Type Switches — Removal of Lateral Silver Migration Deposits and Carbonization
069-331-801	1	204-Type Selector Bank Contacts and Associated Wipers — Telegraph and Toll Equipments — Cleaning and Treating	Addendum	1	
069-344-801	2	911A Connector and 645042 and 645058 AMP Connectors — Repairs	069-502-801	2	Switches — Plunger Type — Primary and Secondary Line Switches and Out Trunk Switches — Procedure for Cleaning and Treating Bank Contacts
069-350-801	3	946-/947- and 970-/971-Type Connectors — Cleaning Procedures	Addendum	1	
Ⓐ 069-360-801	5	5-, 12-, and 14-Type Registers — Procedures for Cleaning	069-503-801	5	Equipment Frames — Cleaning by Means of Compressed Air
069-365-801	2	Slide Wire Apparatus — Cleaning and Lubricating Procedures	069-7 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — Crossbar Offices		
069-370-801	2	KS-13835 Readers and KS-13882 Perforators — Procedures for Cleaning	069-703-801	5	Equipment Frames — Crossbar Offices — Cleaning by Means of Compressed Air
Ⓐ 069-379-801	4	Switchboard Equipment — General Cleaning	069-703-802	5	Equipment Frames — No. 1 Crossbar and Crossbar Tandem Offices — Cleaning by Means of Compressed Air
			069-703-803	4	Equipment Frames — No. 5 Crossbar Offices — Cleaning by Means of Compressed Air

Number	Issue	Subject
069-703-804	4	Equipment Frames — No. 4A and 4M Toll Switching Systems — Cleaning by Means of Compressed Air
069-703-805	1	Equipment Frames — No. 3 Crossbar Systems — Cleaning by Means of Compressed Air

Division 074**Catalogue Information Tools****074-0 Indexes****-099 Customer Information Release (CIR)****074-2 Tools — Coded and Noncoded**

Number	Issue	Subject
074-0 Indexes		
074-000-000	21	Numerical Index — Division 074 — Catalogue Information — Tools
074-000-001	32	Index of Tools — Switching Sys- tem and Power
074-000-006	8	Tools — General Information

074-099 Customer Information Release (CIR)

□ 074-099-001TD	2	KS-22488 Tool Kit (Electronic Switching), Switching Systems
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074-2 Tools — Coded and Noncoded**074-202/269 Description**

074-202-114	2	Adapters I
074-202-115	4	Adapters II
074-202-118	3	Adjusters I
074-202-119	4	Adjusters II
074-202-120	2	Adjusters III
074-202-121	3	Adjusters IV
074-202-122	3	Adjusters V
074-202-130	2	Applicators
074-202-135	1	Atomizer
074-205-104	2	Bags
074-205-109	1	Bellows
074-205-114	1	Bits
074-205-116	1	Blades
074-205-121	1	Blocking
074-205-123	1	Blocks
074-205-126	1	Bolt
074-205-129	1	Brace

Number	Issue	Subject
074-205-132	1	Brackets
074-205-134	1	Breakoff, Tang
074-205-136	1	Bridges
074-205-138	2	Brushes
074-205-140	2	Bumper
074-205-145	2	Bushing
074-205-147	1	Busying
074-208-105	3	Cans
074-208-107	2	Carriers
074-208-109	3	Carrying Case I
074-208-110	4	Carrying Cases II
074-208-111	2	Carrying Cases III
074-208-113	1	Chain
074-208-114	1	Chisels
074-208-117	3	Clamps
074-208-119	2	Cleaners I
074-208-120	4	Cleaners II
074-208-121	3	Cleaners III
074-208-122	1	Clip, Cushion Placing
074-208-124	1	Coder
074-208-127	1	Comb
074-208-129	1	Compressor
074-208-131	2	Connectors
074-208-133	1	Converter, Digital to Analog
074-208-135	2	Cord Repair
074-208-136	1	Cord Shelf
074-208-138	1	Counterbores
074-208-139	1	Coupling
074-208-141	1	Covers
074-208-142	3	Crimpers
074-208-145	1	Cut Nippers
074-208-148	4	Cutters
074-211-105	1	Deburring
074-211-108	1	Depressor, Tab
074-211-111	1	Dial, Screwdriver
074-211-114	1	Dialer
074-211-118	1	Disassembly
074-211-119	1	Dispenser, Wire
074-211-121	1	Dolly
074-211-124	1	Drills
074-211-128	1	Driver, Stud
074-214-125	1	Exhauster
074-214-130	6	Extenders
074-214-139	4	Extractors I
074-214-140	4	Extractors II

Number	Issue	Subject	Number	Issue	Subject
074-217-110	1	Files	074-235-140	3	Lubricators
074-217-113	2	Fillers	074-238-103	1	Machine Station Numbering
074-217-115	2	Finger	074-238-105	1	Magnifier
074-217-118	1	Fixture, Assembly	074-238-115	1	Marker
074-217-121	1	Flashlights	074-238-125	1	Mirrors, Dental
074-217-124	2	Flushing	074-238-135	2	Mounting
074-217-130	1	Frames	074-241-115	1	Needles
074-217-140	1	Funnel	074-241-130	1	Nozzles
074-220-125	3	Gauge and Reading Glass	074-247-105	3	Panel Office
074-220-129	1	Graver	074-247-108	1	Pencil, Dialing
074-220-132	1	Grip, Hand	074-247-110	1	Pens
074-220-135	1	Guards	074-247-114	2	Pickup and Filter Chargers
074-220-138	2	Guide	074-247-117	1	Pinchcocks
074-220-142	2	Guns	074-247-120	1	Pins
074-223-105	1	Hammers	074-247-125	1	Plate
074-223-108	2	Handles, Tool	074-247-127	4	Pliers I
074-223-110	1	Handling, Card	074-247-128	5	Pliers II
074-223-114	1	Heads, Ratchet	074-247-129	1	Pliers III
074-223-115	1	Headsets	074-247-131	2	Positioner
074-223-118	1	Heaters	074-247-134	2	Presses
074-223-122	2	Hoists and Slings	074-247-137	2	Pullers
074-223-125	4	Holders I	074-247-140	1	Pumps
074-223-126	5	Holders II	074-247-144	2	Punches
074-223-128	1	Holster	074-247-145	1	Punches and Dies
074-223-130	1	Hone	074-253-105	1	Rack
074-223-132	2	Hooks	074-253-108	1	Reader, Tape
074-223-135	2	Pressure Hoses	074-253-111	1	Reamers
074-226-116	1	Indicators	074-253-114	4	Reel, Wire
074-226-119	6	Inserters	074-253-118	1	Releasers
074-226-122	3	Insulators	074-253-120	1	Remagnetizer
074-226-125	1	Interrupter	074-253-123	3	Removers I
074-229-105	1	Jackscrew	074-253-124	7	Removers II
074-229-135	1	Jug, Rubber	074-253-127	1	Replacers
074-232-105	2	Keys	074-253-130	1	Rest, Copper, Soldering
074-232-110	1	Kits I	074-253-133	2	Restorer
074-232-111	4	Kits II	074-253-136	1	Retaining, Disc
074-232-112	4	Kit III	074-253-140	1	Rods
074-232-120	1	Knives	074-256-105	4	Safety Equipment I
074-232-125	1	Knob	074-256-106	1	Safety II
074-235-105	2	Belt and Belt Lacer	074-256-110	1	Scissors
074-235-109	3	Lamps	074-256-115	2	Screwdrivers, Offset
074-235-115	1	Lifters, Spring	074-256-116	1	Screwdrivers, Special
074-235-120	1	Line	074-256-117	1	Screwdrivers, Standard
074-235-125	2	Locators	074-256-118	1	Screwdrivers, Torque
074-235-130	1	Locking	074-256-120	1	Screw Starters

Number	Issue	Subject	Number	Issue	Subject
074-256-123	1	Scriber	074-269-117	1	Wrenches, Box, Flat
074-256-128	1	Separators	074-269-118	1	Wrenches, Box, Offset
074-256-129	2	Test Sets	074-269-119	1	Wrench, Box, Offset, Open
074-256-130	1	Sets, Tool	074-269-121	1	Wrench, Core
074-256-131	1	Setter	074-269-123	1	Wrenches, Open-End, Flat
074-256-133	1	Shears	074-269-124	2	Wrenches, Open-End, Offset
074-256-135	2	Shields	074-269-125	1	Wrenches, Pin
074-256-137	2	Short Circuiting	074-269-126	1	Wrench, Protector-Unit
074-256-138	1	Shunt, Magnetic	074-269-128	1	Wrench-Screwdriver Combination
074-256-141	2	Sleeves, Wire Wrapping	074-269-129	3	Socket Wrenches
074-256-143	1	Slotter — Scraper	074-269-130	1	Wrenches, Socket, Offset
074-256-145	1	Socket, Lamp	074-269-131	3	Wrenches, Socket Screw
074-257-105	3	Soldering Coppers and Irons	074-269-132	2	Spanner Wrenches
074-257-107	2	Spacers	074-269-133	1	Wrench, Tap
074-257-109	1	Spindle, Cam	074-269-134	3	Torque Wrenches
074-257-111	2	Splicers, Tape			
074-257-114	2	Spreader			
074-257-117	2	Spudgers			
074-257-123	1	Stand, Test			
074-257-126	1	Sticks			
074-257-129	1	Stone, Abrasive			
074-257-131	1	Straightener			
074-257-133	2	Stretchers			
074-257-135	1	Stripper, Cable			
074-257-136	2	Wire Strippers			
074-257-138	1	Stud, Assembly			
074-257-140	1	Supports			
074-257-142	1	Switches, Cutover			
074-257-145	1	Syringe, Rubber			
074-260-104	2	Tables			
074-260-109	1	Tap			
074-260-112	4	Test I			
074-260-113	5	Test II			
074-260-116	1	Threader, Tape			
074-260-125	2	Torches			
074-260-128	1	Trays			
074-260-132	2	Trimmer			
074-260-142	1	Tuning			
074-260-145	1	Tweezers			
074-263-130	1	Unwrapped, Wire			
074-266-110	1	Valve, Repair			
074-269-105	1	Wedges			
074-269-108	1	Winding			
074-269-113	4	Wire Wrapper			
074-269-116	1	Wrenches, Adjustable			

Division 075**Tools and Materials(Common Usage)
Maintenance, Selection and Use****075-0 Indexes and Equipment Test Lists****075-1 Maintenance, Selection and Use**

Number	Issue	Subject
075-0 Indexes and Equipment Test Lists		
075-000-000	52	Numerical Index — Division 075 — Tools and Materials — (Common Usage) — Maintenance, Selection and Use
075-001-011	11	ETL — Tools and Material
075-1 Maintenance, Selection and Use		
075-110-301	1	"V" Notch Diagonal Pliers Per Specification 6433 — Sharpening External Notches
075-115-301	1	Aluminum Oxide Coated — Maintenance and Inspection
075-120-701	6	KS-16363 L1 Wire-Wrapping Tool and Associated Bits and Stationary Sleeves — Requirements and Adjusting Procedures
075-120-801	5	KS-16363 and KS-21232 Wire-Wrapping Tool and Associated Bits and Stationary Sleeves — Piece-Part Data and Replacement Procedures
075-121-801	2	KS-16492 Wire Unwrapping Tool — Piece- Part Data and Replacement Procedures
075-121-802	4	Wire-Unwrapping Tool — Heated — KS-16450 L1 — Piece-Part Data and Replacement Procedures
075-125-701	2	No. 497A and 497B Tools (Portable Plug Cleaning Machines) — Requirements and Adjusting Procedures
075-125-801	2	No. 497A, 497B and D-159798 Tools (Portable Plug Cleaning Machines) — Piece- Part Data and Replacement Procedures

Number	Issue	Subject
075-126-301	1	Lamp Extractor KS-21144 L1 — Description and Use
075-127-100	1	R-5701 Plasma Cutter (Video Tape)
075-128-301	1	R-4710 "C" and R-4710A "C" — Impact Tools — Description and Use
075-129-301	3	FASTECH® Backplane Technology — Methods and Procedures
075-130-301	1	B Stud Driver — Description, Operation, and Maintenance
075-140-301	2	Grease and Oil Guns — Filling
075-141-501	7	Insulating Gloves — Tests and Inspections
075-143-302	1	Distributing Frame Bag — Care and Use
075-145-301	1	R-3953 Cable Reel Carrier — Description and Use
075-147-801	2	Wire Reels, KS-8047 — Piece-Part Data
075-150-801	1	Wire Reel KS-21955 — Piece-Part Data
075-160-301	2	Screwdrivers — Selection, Use and Maintenance
075-180-701	2	Vacuum Cleaner Per KS-7507 — Requirements and Adjusting Procedures
075-180-702	1	Vacuum Cleaner — KS-8389 — Requirements and Adjusting Procedures
075-180-703	3	Vacuum Cleaners — KS-14377 — Requirements and Adjusting Procedures
075-180-802	1	Vacuum Cleaner — KS-8389 — Piece-Part Data and Replacement Procedures
075-180-803	3	Vacuum Cleaners KS-14377 Type — Replacement Parts and Procedures
075-190-501	7	Electric Soldering Coppers and Irons — Tests and Inspections
075-190-811	6	KS-14582 L1 and L2 Soldering Coppers and KS-14768 Heat Units — Handling and Maintenance
075-191-812	6	KS-8740, KS-14440, and KS-14582 Soldering Coppers and KS-16346 Soldering Iron (Including KS-16368 Transformer) — Piece-Part Data and Replacement Procedures

Number	Issue	Subject
075-192-301	1	KS-21107 L1 Releaser — Piece-Part Data, Operation, and Maintenance

Division 076**Tools and Materials Switching Systems and Power
Maintenance, Selection, and Use****076-0 Indexes and Equipment Test List****076-1 Selection, Maintenance, Use, and Tests**

Number	Issue	Subject
076-0 Indexes and Equipment Test List		
076-000-000	11	Numerical Index — Division 076 — Tools and Materials — Switching Systems and Power — Maintenance, Selection, and Use
076-001-011	4	ETL — Tape Splicer and Card Coder

076-1 Selection, Maintenance, Use, and Tests

076-133-701	2	-D 604-Type Tools (Tape Splicers) — Requirements and Adjusting Procedures
076-133-801	4	604-Type Tools (Tape Splicers) — Piece- Part Data and Re- placement Procedures
076-143-101	1	No. 659A Tool (Card Coding Tool) — No. 4A and 4M Toll Switching Systems — Descrip- tion

Number	Issue	Subject
Addendum	1	
076-143-701	4	-D 659-Type Tools (For Coding Cards Used With 1-Type Trans- lator) — Requirements and Ad- justing Procedures
076-143-801	4	659-Type Tools — Piece-Part Data and Replacement Pro- cedures
076-143-802	2	No. 659A and 659D Tool — Method of Converting to No. 659C and 659E Tool
076-160-101	1	Indicator — KS-16751-L1 — Description
076-190-701	2	Portable Motor Equipment for Base Metal Contact Maintenance — Requirements and Adjusting Procedures
076-190-801	1	Portable Motor Equipment for Base Metal Contact Maintenance — Piece-Part Data and Replace- ment Procedures

Division 080**Tools and MaterialsCustomer Equipment****080-0 Indexes****080-1 Customer Equipment Tools****080-7 Customer Equipment Materials**

Number	Issue	Subject
080-0 Indexes		
080-000-000	37	Numerical Index — Division 080 — Tools and Materials — Customer Equipment
080-1 Customer Equipment Tools		
080-110-101	3	Stapler — D
080-110-102	3	Stapler — Heller
080-110-103	1	Stapler — Markwell
080-110-104	1	Stapler — E
080-110-105	1	Stapler — P — AT-8971
080-115-101	1	B Automatic Drill
080-118-101	1	Station Number Card-Numbering Machines — Homs Model 187S
080-123-101	1	B-Hammer
080-127-100	2	B and D Impact Tools AT-8762
080-130-100	1	KS-21749 — Connecting Tool
080-131-100	1	B Station Wire Reel
080-135-100	1	AT-8900 C Drill-Driver Kit
080-136-100	1	B Trenching Tool AT-8911
080-140-100	1	B Cordless Drill Kit — Identification and Application
080-7 Customer Equipment Materials		
080-710-101	1	Corrosion and Moisture Inhibitors for Station Apparatus — Description and Use
080-720-106	1	Inside Wiring Nail
080-720-107	1	B Station Wire Nail
080-720-108	1	Ground Wire Nail and Ground Wire Staple

Number	Issue	Subject
080-720-109	3	Staples
080-720-110	2	B, C, and D Masonry Fasteners
080-720-111	1	B and C Plastic Anchors
080-720-112	1	B, C, and D Drive Anchors
080-720-113	1	D Plastic Anchor
080-720-114	1	Machine Bolt Anchors
080-720-115	2	B Wall Screw Anchors
080-720-116	1	Toggle Bolts
080-720-117	1	Toggle Bridle Rings
080-720-118	1	B Steel Anchor AT-8899
080-720-119	1	B Masonry Clip — AT-8938
080-720-120	1	B Siding Clip — AT-8939
080-720-130	1	B and C Drop Wire Clamps
080-720-131	1	Drop Wire Hook
080-720-132	2	S and T Knobs
080-720-133	1	Angle Screws
080-720-134	1	House Bracket
080-720-135	2	Corner Bracket — Description
080-720-136	1	B, C, and D Insulator Supports
080-720-137	1	Sign Bracket, 170 Type
080-720-138	1	Insulated Screw Eye
080-720-139	3	B, K, and M Bridle Rings — Description
080-720-140	1	C Bridle Ring
080-720-141	2	B Wire Loop
080-720-142	1	Drive Ring
080-720-143	1	C Knob
080-720-144	1	E Drop Wire Clamp
080-720-145	1	SC Wire Clip
080-720-146	1	Inside Wiring Cable Clamps
080-720-147	1	Cable Clasps
080-720-148	2	B Station Wire Clamp and B Wallboard Clamp — Description and Installation
080-720-149	2	B Adhesive Clip
080-720-150	1	B Beam Clip
080-720-151	1	B Hanger Clip
080-720-152	2	B Support Clip

Division 081**Tools and Materials Outside Plant****081-000 Indexes**

-020 Outside Plant Tools, General
 -050 Impact Wrenches
 -200 Warning Device
 -215 Manhole Guards and Shields
 -220 Measuring Devices
 -230 Open Wire — Construction Tools
 -241 Fiber Optic Tools
 -300 Platforms
 -310 Tents and Umbrellas
 -315 Heaters
 -320 Pressers
 -330 Heating and Soldering Tools
 -340 Lamps and Reflectors
 -400 Cable Lashing and Wrapping Tools
 -410 Miscellaneous Cable Placing Tools
 -420 Miscellaneous Cable Splicing Tools
 -500 Hoists and Associated Tools
 -510 Manila Rope and Blocks
 -511 Plastic Rope
 -512 Handlines
 -520 Sheaves and Snatch Blocks
 -600/625 Cable Pressure System — Tools
 -700 Gas Detecting Devices
 -705 Foreign Voltage Detecting Devices
 -710 Rubber Items
 -720 Leather Belts and Straps
 -725 Special Use Belts and Straps
 -730 Climbers
 -735 Pole Steps
 -740 Ladders
 -745 Axe, Hammers, Drills, and Bits
 -750 Sleeve Rollers and Pressers
 -760/770 Drop and Black Wire Tools
 -850/875 Materials

Number	Issue	Subject
081-000 Indexes		

081-000-000	55	Numerical Index — Division 081 — Tools and Materials — Out- side Plant (5-95)
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081-020 Outside Plant Tools, General

081-020-010	4	Safety Headgear — Description, Use, and Care
■ 081-020-010AC	1	Safety Headgear — Description, Use (12-92)
081-020-011	3	Eye Protection
081-020-100	2	Construction Chains — Description and Use
081-020-101	2	Tool Snap — Description and Use
081-020-102	2	Wire and Cable Cutter — Description and Use
081-020-103	1	D Wrench Kit — Description and Use
081-020-105	1	B Projector Tool — Description
081-020-111	2	Hand Sprayer — Description and Use
081-020-112	1	B Tarpaulins — Description and Use
081-020-113	2	D Tarpaulins — Description and Use
081-020-114	1	D Lashing Wire Grip — Description and Use
081-020-115	2	Slack Pullers — Description and Maintenance
081-020-116	1	Pneumatic Lead Cutting and Masonry Drilling Kit — Description and Use
081-020-120	1	Osborne Hand-Carried Radio Unit
081-020-121	1	Johnson Hand-Carried Radio Unit
081-020-130	1	B Canvas Tray — Description and Use
081-020-132	2	B Wire Stripper — Description and Use
081-020-133	1	G Long-Nose Pliers — Description and Use
081-020-134	1	B Ratchet Brace — Description
081-020-135	1	Wire Slitter
081-020-136	1	849A Sealing Washer Cutter — Description, Use, and Maintenance

Number	Issue	Subject	Number	Issue	Subject
081-020-137	1	D6 and E6 Diagonal Pliers (AT-7858) — Description and Use	081-241-207	1	924 SMOLTS (Single-Mode Optical Loss Test Set) Description and Operation
081-020-138	1	B Trenching Tool (AT-8911) — Description and Use	081-241-208	2	944B Local Injector/Detector Manual
081-020-139	1	C Carding Brush (AT-8952) — Description and Use	081-241-209	1	951A Instruction Manual
			081-241-210	1	96A Detector — Description and Operation
081-050 Impact Wrenches			081-300 Platforms		
081-050-101	3	B and C Impact Wrenches — Description, Care, Maintenance, and General Use	081-300-015	1	Aerial Platforms — Description and Use
081-200 Warning Devices			081-300-100	4	Manhole Platform Support — Description and Use
081-200-102	2	Warning Flashers	081-300-111	3	B Pole Platform — Description and Use
081-200-105	3	B, C, and D Traffic Cones — Description	081-310 Tents and Umbrellas		
081-215 Manhole Guards and Shields			081-310-100	3	D Umbrella — Description and Use
081-215-100	4	Manhole Shields — Description and Use	081-310-103	2	Manhole Tent
081-220 Measuring Devices			081-310-104	1	Ground Tent — Description and Use
081-220-100	3	Measuring Tapes — Description and Use	081-310-107	4	Workman's Tent — Description and Use
081-220-104	1	Height and Distance — Estimating Devices	081-310-116	3	Cabinet Tent — Description and Use
081-230 Open Wire — Construction Tools			081-310-121	2	Aerial Tents — Description and Use
081-230-100	2	B Line Wire Reel — Description and Maintenance	081-315 Heaters		
081-241 Fiber Optic Tools			081-315-101	4	C Manhole Heater — Description and Operation
081-241-101	1	B Innerduct/Cable Slitter — Description and Use	081-315-102	5	B LP-Gas (Propane) Tent Heaters — Description and Use
081-241-105	1	D Lightguide Cable Feeder — Description	081-315-103	1	B Catalytic Heater — Description and Use
081-241-200	1	976A Taper Length Tool	081-320 Pressers		
081-241-201	1	936A Fiber Identifier Instruction Manual	081-320-105	5	D Connector Presser — B Presser Case — Description and Maintenance
081-241-202	2	938A Optical Loss Test Set	081-320-107	3	PAIR-A-MATIC* — CS-10 Connector Presser — BT-10 Balance Tester — Description and Maintenance
081-241-203	1	941A OTS Instruction Manual			
081-241-204	1	945A Test Set (LSIM) Instruction Manual			
081-241-205	2	937A OTS Instruction Manual			

* PAIR-A-MATIC is a registered trademark of APC Industries, Incorporated

Number	Issue	Subject
081-320-110	1	Modular Splicing System — Description
081-320-111	3	B Tool Holder — Description and Use

081-330 Heating and Soldering Tools

081-330-100	4	KS-14582 L1 and L2 Soldering Coppers and KS-14768 Heat Units — Description and Use
081-330-103	1	B Soldering Copper
081-330-104	3	Pressure Hoses
081-330-105	5	Acetylene Torches
081-330-115	4	D Propane Furnace — Description and Use
081-330-116	4	B, C, D, and E LP-Gas Cylinders
081-330-120	6	Electric Solder Pot
081-330-130	2	B and C Split Sleeve Clamps — Description and Use

081-340 Lamps and Reflectors

081-340-102	1	Work Area Illuminating Devices — Description and Use
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081-400 Cable Lashing and Wrapping Tools

Addendum	1	
081-400-100	3	C Cable Wrapper
081-400-101	1	B Support Ring — Description and Use
081-400-106	4	J Cable Lasher — Model 2 — Care and Maintenance
081-400-112	2	C Lasher Guard — Description and Installation
081-400-150	1	B Cable Lasher — Care and Maintenance
081-400-151	1	D Neale Spinner — Care and Maintenance
081-400-152	2	C and H Cable Lashers — Care and Maintenance
081-400-153	1	D Cable Lasher — Care and Maintenance
081-400-154	1	E Cable Lasher — Care and Maintenance

081-410 Miscellaneous Cable Placing Tools

081-410-100	2	Cable Car — Description, Use, and Maintenance
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Number	Issue	Subject
081-410-101	4	B Strand Dynamometer — Description and Maintenance
081-410-102	2	Cable Grips — Description
081-410-103	2	Aerial Cable Guides — Description and Care
081-410-105	2	B Connecting Link
081-410-106	3	B Grounding Roller
081-410-107	1	Cable Leaders — Description and Maintenance
081-410-108	3	Cable Blocks and Associated Equipment — Description and Use
081-410-114	1	B and C Cable Bending Shoe — Description and Use
081-410-115	2	Cable Benders and Slack Puller — Description and Use
081-410-116	5	Cable Feeder, C CONECS Cable Feeder, and D Cable Lubricator, and Lubrication Pump — Description and Use
Addendum	1	
081-410-120	1	B Cable Spiraler
081-410-121	1	Cable Reel Jacks — Description and Use

081-420 Miscellaneous Cable Splicing Tools

081-420-100	4	B Desiccant Injector — Description and Use
081-420-101	2	Drift Plugs — Description and Use
081-420-103	2	B Torque Wrench — Description and Use
081-420-105	3	Coaxial Materials and Tools — Description
081-420-106	1	FAST-PAK* Splice Case Tool Kit — Description and Use

081-500 Hoists and Associated Tools

081-500-101	6	B Chain Hoist — Description and Use
081-500-105	2	E Chain Hoist — Description and Use
081-500-111	5	Strand Pullers — Description and Maintenance

* FAST-PAK is a trademark of Western Progress, Incorporated

Number	Issue	Subject	Number	Issue	Subject
081-500-123	1	B Pole Top Gin — Description and Use	Addendum	1	
081-500-125	1	C Fabric Sling — Description	081-602-100	1	Manometers — Description and Use
081-510 Manila Rope and Blocks			081-602-101	1	Type FA-176021, W. and T. Manometer — Description and Use
081-510-101	1	Manila Rope — Description and Use	081-602-103	2	C Pressure Gauge
Addendum	1		081-603-100	2	B Flow Indicator — Description and Use
081-510-203	3	Tackle Blocks and Snatch Blocks	081-603-101	1	AT-6723 Airflow Indicator — Description and Use
081-511 Plastic Rope			081-607-100	4	Pressure Testing — Ultrasonic Leak Locating Equipment
081-511-101	2	B Plastic Rope — Description and Use	081-700 Gas Detecting Devices		
081-512 Handlines			081-700-100	6	B Gas Indicator — Description and Use
081-512-100	3	Handlines — Description and Use	Addendum	1	
081-520 Sheaves and Snatch Blocks			081-700-101	4	C Gas Indicator — Description and Use
081-520-100	2	C Manhole Sheave — Description and Use	081-700-105	4	E Gas Indicator — Description and Use
081-520-101	2	Cable Sheaves	081-700-106	3	F Gas Indicator
081-520-102	3	D Pulling Frames — Description and Use	081-700-107	2	G Gas Indicator
081-520-105	3	C Quadrant Block — Description and Use	081-700-110	1	Bacharach (J. W.) Continuous Gas Monitor — Description and Use
081-520-111	1	B Wire Block	081-700-120	4	B Gas Test Kit — Description and Use
081-520-115	1	Wire Rope Snatch Blocks — Description and Use	081-700-121	2	B Gas Indicator Case
081-600/625 Cable Pressure System — Tools			081-700-122	3	C Gas Test Kit — Description and Use
081-600-011	3	Miscellaneous Pressure Testing Tools	081-700-130AC	3	Lumidor GasPro Plus Model MPU-16 4 Gas Monitor (9-92)
081-600-100	3	Pressure Testing Tools — Cable Drills — Description and Use	081-705 Foreign Voltage Detecting Devices		
081-600-103	2	Wrenches — Description and Use	081-705-101	2	B-Voltage Tester — Use on Joint-Use Poles and Other Equipment
081-600-104	2	B Gas Cylinder Sling — Description and Use	081-705-102	4	188A Test Set (Stop Lite) — Description and Use
081-601-100	4	B, C, and D Pressure Testing Regulators	081-705-103	2	1188A Test Set — Description and Use
Addendum	1		081-705-104	2	193A Test Set—Description and Use
081-601-101	1	B Gas Regulator — Description and Use			
081-601-102	1	C Gas Regulator — Description			

Number	Issue	Subject
081-710 Rubber Items		
081-710-100	5	Insulating Rubber Blanket — Description, Maintenance, and Inspection
081-710-105	2	Line Hose — Description and Use
Addendum	1	
081-710-200	7	Leather Protectors, Fabric Liners, and Glove Bag — Description and Use — Insulating Gloves
081-720 Leather Belts and Straps		
081-720-101	4	Body Belts and Safety Straps — Description and Use
081-720-111	3	D and F Holsters — B Handline Carrier — Description
081-725 Special Use Belts and Straps		
081-725-105	1	Tower Ladder Safety Device — Installation and Use
081-725-200	2	Use of Body Belts and Safety Straps on Towers
081-730 Climbers		
081-730-101	5	Description and Use
081-735 Pole Steps		
081-735-600	3	B Pole Steps — Inspection for Cracks
081-740 Ladders		
Addendum	3	
081-740-105	3	Extension Ladders and Attachments — Description and Use
081-741-100	2	Ladders — B and C Combination
081-741-105	1	D and E Stepladders (AT-7544) — Description
081-745 Axe, Hammers, Drills, and Bits		
081-745-102	2	Hammers, Hatchets, and Axes — Description and Use
081-745-105	2	Wood Boring Bits — Description and Use

Number	Issue	Subject
081-745-111	2	L Masonry Drills and Drill Holders — Description and Use
081-745-113	3	Hand-Operated Masonry Drive Tools — Description and Use
081-745-114	1	B Steel Anchor (AT-8899) — C Drill Driver Kit (AT-8900) — Description and Use
081-750 Sleeve Rollers and Pressers		
081-750-105	4	Tools for Splicing Line Wire — Description and Maintenance
081-750-106	3	Sleeve Pressing Tools — Drop and Block Wire
081-760/770 Drop and Block Wire Tools		
081-760-100	4	C Braid Stripper — Description and Maintenance
081-760-111	2	B Clip Crimper — Description and Use
081-760-115	2	B Binding Post Cutter — Description and Use
081-770-101	2	Tree Pruners (and Handles)
081-780 Sheath and Sleeve Opening Tools		
Addendum	1	
081-780-102	2	Cable Stripper — Description and Use
081-780-105	2	B Lead Sleeve Slitter — Description and Use
081-850/875 Materials		
081-850-001	1	ELASTREL ® Controlled Release Insecticide — Description and Use
081-851-101	1	B Caulking Compound (AT-8832) — Description
081-851-102	1	B Cable Splice Wrap — Description and Use
081-852-118	4	Bond Clamps — Description and Use
081-852-119	1	B Service Wire Clamp — Description and Use
081-852-120	1	B Bond Clip, B Appliance Wire, and B Pressing Pliers — Description and Use
081-852-121	1	FC-14L Plastic Cap

Number	Issue	Subject
081-852-122	1	Cable Pressure Systems — E Pressure Testing Concentrate — E Pressure Testing Solution
081-852-123	5	Encapsulation and Plugging Compounds — Description
081-852-125	2	UG SCOTCHLOK* Connector and C Pressing Pliers
081-852-126	1	G Connector—Description and use
081-852-127	1	Lead Particle Entrapment Compound (LEPEC) — Description
081-852-128	1	B and C Cable Caps — Description
081-852-129	1	B Siding Clip (AT-8939)—Description and Use
Addendum	1	
081-852-130	4	700, 701, and 702 Type Connectors and E, F, and H Connector Pressers
081-852-131	1	J Connector — Description
081-852-133	1	B Aluminum Connector (AT-8984) Description and Use
081-852-134	1	Cable Clamps (AT-6933) — Description and Use
081-852-135	1	H Connector (AT-8980) — Description and Use Company
081-856-101	1	B Disposable Gloves — AT-8982 — Description and Use
081-860-105	2	Transfer Stenciling Kit — Description and Use
081-861-101	1	B Electric Lantern (AT-9003) — Description
081-868-101	1	B Aerosol Wash and C Insulation Spray — Description and Use
081-869-101	2	Adhesive and Nonadhesive Tapes — Description and Use
081-872-101	1	B Manhole Wrench — Description

* UG SCOTCHLOK is a registered trademark of Minnesota Mining and Manufacturing

Division 084**Catalogue Information Gauges, Electrical
Indicating Instruments, and Meters****084-0 Indexes****084-1 Coded Gauges — Catalogue Information****084-5 Noncoded Gauges — Electrical Indicating Instru-
ments and Meters — Catalogue Information A to H****084-6 Noncoded Gauges — Electrical Indicating Instru-
ments and Meters — Catalogue Information I to R****084-7 Noncoded Gauges — Electrical Indicating Instru-
ments and Meters — Catalogue Information S to U****084-8 Noncoded Gauges — Electrical Indicating Instru-
ments and Meters — Catalogue Information V to Z**

Number	Issue	Subject
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084-0 Indexes

084-000-000	50	Numerical Index — Division 084 — Catalogue Information — Gauges, Electrical Indicating In- struments, and Meters
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084-000-001	21	Alphabetical Index — Gauges
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084-000-006	6	Gauges — General Information
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084-1 Coded Gauges — Catalogue Information

084-101-101	8	27 through 45 — Description
084-103-101	9	62B through 70H — Description
084-105-101	9	73A through 81 — Description
084-107-101	7	82 through 91 — Description
084-109-101	10	92A through 104A — Description
084-111-101	8	106A through 114B — Descrip- tion
084-113-101	9	115A to 125B — Description
084-115-101	8	126A through 134A — Descrip- tion
084-117-101	8	No. 135A to 147A — Description
084-120-101	8	148A through 161A — Descrip- tion
084-122-101	4	162A through 165A — Descrip- tion

Number	Issue	Subject
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084-125-101	5	168A through 175A — Descrip- tion
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084-127-101	9	176A through 192A — Descrip- tion
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084-128-101	5	193A Through 198A — Descrip- tion
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**084-5 Noncoded Gauges — Electrical indicating instru-
ments and meters — Catalogue Information A to H**

084-501-101	9	Ammeters (AC and AC-DC Types) — Description
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084-505-101	8	Ammeters (DC-Types) — Description
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084-510-101	9	Anemometers, Balances, Blocks, Calipers Counters and Gal- vanometers — Description
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084-540-101	15	Miscellaneous Types — Descrip- tion
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084-540-102	1	Gauges (Miscellaneous Types Continued) — Description
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084-545-101	10	Thickness — Description
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084-550-101	12	Gauges (Feeler), Holders and Hydrometers, and Battery Acces- sories — Description
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**084-6 Noncoded Gauges — Electrical Indicating Instru-
ments and Meters — Catalogue Information I to R**

084-600-101	8	Indicators, Levels, Magnetome- ters, Meggers and Memory Cards
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084-640-101	7	Meters, Microammeters and Mi- crometers — Description
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084-645-101	13	Milliammeters, Millivoltmeters, Multipliers, Ohmmeters, Pyrome- ters, Resistors, Rules, and Scales — Description
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084-680-101	1	Shunts — Description
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**084-7 Noncoded Gauges — Electrical Indicating Instru-
ments and Meters — Catalogue Information S to U**

084-700-101	16	Squares, Straightedges, Ta- chometers, Tapes, Targets, and Testers — Description
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084-750-101	10	Thermometers and Timers — Description
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Number	Issue	Subject
084-755-101	3	Transformers and Tuning Forks — Description

084-8 Noncoded Gauges — Electrical Indicating Instruments and Meters — Catalogue Information V to Z

084-800-101	10	Volt-Ammeters and Volt-Milliammeters, (DC-Type) — Description
084-801-101	2	Miscellaneous Voltmeters — Description
084-805-101	17	Volts (AC-DC and DC-Types) — Description
084-810-101	18	Volt-Ohmmeters, Volt-Ohm-Milliammeters (VOM'S), Digital Multimeters (DMM'S) and Volt-ohmyst* — Description
084-870-101	3	Watches, Wattmeters and Weights — Description

* Volt-ohmyst is a registered trademark of VIZ Manufacturing Company

Division 085

**Gauges (Common Usage) Maintenance, Selection,
and Use**

085-000 Index

085-100/199 Gauges — Coded

085-700/799 Gauges — Noncoded

Number	Issue	Subject
085-000 Index		
085-000-000	4	Numerical Index — Division 085 — Gauges (Common Usage) Maintenance — Selection and Use
085-100/199 Gauges — Coded		
085-102-701	5	-D Gram Tension Gauges — 62, 68, 70, 79, and 158 Types — Re- quirements and Adjusting Pro- cedures
085-700/799 Gauges — Noncoded		
085-740-501	1	Dry Battery Gauges No. 35 and No. 36 — Tests and Inspections
085-755-701	2	-D 11-A Tuning Forks — Re- quirements and Adjusting Pro- cedures

Division 100**Test Equipment Electrical Indicating Instruments and Meters (Common Usage) Maintenance, Selection, and Use****100-0 Indexes and Equipment Test Lists****100-1 Miscellaneous Test Sets****100-2 Pulsing and Signaling Test Sets****100-3 Test Panels****100-5 Electrical Indicating Instruments and Meters****100-6 Electron Tube Test Sets, Tube Test Data, Oscilloscopes and Oscillographs****100-8 Wheatstone Bridges**

Number	Issue	Subject
100-0 Indexes and Equipment Test Lists		
100-000-000	88	Numerical Index — Division 100 — Test Equipment, Electrical Indicating Instruments and Meters — (Common Usage) — Maintenance, Selection, and Use
100-001-011	15	ETL — Test Equipment
100-1 Miscellaneous Test Sets		
100-100-102	1	No. 22-B Test Set — Description
100-101-101	7	35-Type Test Sets — Description and Application
100-101-301	3	Use of No. 35-Type Test Set as a Variable Resistance
100-101-401	2	197A Battery Load Test Set — Description and Operation
100-101-801	3	Test Sets No. 35C, 35D and 35F — Piece- Part Data and Replacement Procedures
100-102-101	2	40B and 40C Test Sets — Description and Application
100-105-101	1	No. 73A Test Set — Description
100-115-101	1	151A Test Set — Description, Operation, and Adjustments

Number	Issue	Subject
100-120-101	12	Handsets (Dial Hand Test Sets) — Description
100-130-101	2	Test Set for Timing Tests — J24753A — Description and Application
100-130-501	2	Test Set for Timing Tests — SD-25707-01 (J24753A) — Description
100-131-100	2	BRUSH* Recorder Mark II
100-131-120	1	Brush Recorder Mark 220
100-131-130	1	Gating Circuit to Control Brush Oscillographs (Pen Recorder)
100-132-100	2	KS-19690 Pen Recorder — Operating and Maintenance Procedures
100-133-100	1	Esterline Angus 20-Pen Event Recorders
100-134-100	1	VARIAN† Model G-11A Strip-Chart Recorder — Description, Operation, and Application
100-135-101	1	Connector Test Set — SD-31637-01 (J34719A) — Description and Application
100-136-301	3	Magnetic Latching Relay — Timing Test Set J94735A Operation
100-136-701	3	Magnetic Latching Relay — Timing Test Set (J94735A) — Calibration
100-137-101	1	Relay Timing Test Set — SD-90418-01 (J94713A) — Description and Application
100-137-501	3	Relay Timing Test Set — SD-90418 (J94713A) — Tests and Inspections
100-138-101	3	Contact Closure Test Set — J94724A — Description and Application
100-139-101	5	Test Set — SD-95439-01 (J94725A) — For 275-, 276-, 291-, 292-, 301-, 303-, 316-, 320-, and 321-Type Relays — Description and Application
Addendum	1	
100-140-701	2	50 Type Dial Testers — Requirements and Adjusting Procedures
100-141-701	3	51 Type Dial Testers — Requirements and Adjusting Procedures

* BRUSH is a registered trademark of Gould, Inc.

† VARIAN is a registered trademark of Varian Associates, Inc.

Number	Issue	Subject	Number	Issue	Subject
100-141-801	2	51 Type Dial Testers and Associated No. 16A Bracket — Piece-Part Data and Replacement Procedures	100-2 Pulsing and Signaling Test Sets		
100-143-501	2	Touch-Tone Station Test Receiver (J99297) — SD-98150-01 — Tests	Addendum	1	
100-143-502	1	Touch-Tone Station Test Receiver (J99297) — SD-98150-01 — Tests and Adjustments Using KS-21715 Precision Oscillator	100-232-501	3	Pulsing Test Set SD-31481-01 (J34717A) — Tests and Inspections
100-143-701	3	Touch-Tone Station Test Receiver (J99297) — SD-98150-01 — Adjustments	100-233-101	2	Pulse Repeating Test Set — J64722A — Description and Application
100-150-101	3	1A Fault Locator Test Set J94730A — Description and Application	100-234-101	2	Pulse Checking Test Set SD-96362-01 (J94723A) — Description and Application
100-150-301	3	1A Fault Locator Test Set J94730A — Method of Using	100-260-101	1	3A Pulse Generating Test Set — Description and Operation
100-160-101	3	KS-12054 L1 Test Set for 400-Type Germanium Varistors — Description and Application	100-261-101	1	Per Cent Break Meter — KS-7361 — Description
100-171-101	1	908A Logic Circuit Test Set — Description and Operation	100-262-101	1	1A Signaling Test Set and Signaling Test Panels J68602CD (2CD) and J68602CE (2CE) — Description
100-172-101	1	Frequency Counter KS-19247 L1 and L2 — Description and Application	100-263-501	6	2A, 2B, and 2B-1 Signaling Test Sets and Associated Pulse-Repeating Adapter Circuit — J64730 — Tests and Inspections
100-173-101	1	KS-22034 Field Test Unit — Storage Module Disk — Description and Operation	100-264-101	2	AC Relay and Signaling Test Set — J68602AJ — Description and Application
100-175-101	5	Remote Office Test Line (ROTL) — System Test Set (H-310-150) — Description and Operation	100-265-101	2	Test Set for Measuring 20- and 135-Cycle Signaling and Other AC Voltages — J68602AH — Description and Application
100-197-101	2	Automatic Call-Thru Test Set SD-32522- 01 (J34728) — Description	Addendum	1	
100-197-500	2	Automatic Call-Thru Test Set SD-32522- 01 (J34728) — Performance Tests and Adjustments	100-266-301	3	Analysis of 20-Hertz Ringing Load Current Using J86294A Ringing Demand Meter and J86294B Supplementary Ringing Demand Meter Equipment — Operating Methods
100-198-101	1	Automatic Call-Thru Test Set ITE 4557-T — Description	100-267-101	2	4A Signaling Test Set — Description and Operation
100-198-501	1	Automatic Call-Thru Test Set ITE 4557-T — Performance Tests and Adjustments	❶ 100-268-101	1	Signal Converter Test Set KS-21057 — Description
100-198-502	1	Call-Thru Tests — Using Automatic Test Set ITE 4557-T — No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices and Step-by-Step Type PBX	❶ 100-268-501	1	Signal Converter Test Set KS-21057 — Tests
			100-269-101	4	1A Pulsing Analyzer — Description and Operation

Number	Issue	Subject	Number	Issue	Subject
100-3 Test Panels			100-505-101	1	KS-5098 Contact-Making Ampere-Hour Meters — Description
100-340-101	1	No. 2-A Relay Test Table — For Polar Relays — Description and Application	100-505-701	2	Contact-Making Ampere-Hour Meters — KS-5098 and KS-5098-01 — Requirements and Adjusting Procedures
100-341-101	2	116A1 Relay Test Panel for Polar Relays — Description and Application	100-505-801	1	Contact-Making Ampere-Hour Meters — Piece-Part Data and Replacement Procedures
100-342-101	1	111A2 Relay Test Panel for Polar Relays — Description and Application	100-508-701	2	DC Watt-Hour Meters KS-15530 and Other Mercury Types — Requirements and Adjusting Procedures
100-343-101	1	116B1 and 116C1 Relay Test Panels for Polar Relays — Description and Application	100-510-701	4	Electrical Indicating Instruments — Requirements and Adjusting Procedures
100-350-101	2	Testing and Adjusting Panel (J68602W) for 20 and 135 Cycle Ringers — Description and Application	100-512-101	1	KS-8340 Ohmmeter — Description and Application
100-351-101	3	No. 523-A Test Panel for Terminal and Intermediate Ringers — Description and Application	100-513-101	1	M9B Meter (Portable Volt-Ohm-Milliammeter) — Description and Application
100-352-101	3	No. 546-A Test Panel for Terminal and Intermediate Ringers — Description	100-515-101	3	Secondary Standards for Checking DC Meters — Description and Application
100-353-101	1	Testing and Adjusting Circuit Per SD-61041- 02 for 1000-Cycle, Two-Tube Ringers — Description	● 100-517-100	1	Enhanced Ground Current Monitor — Technical Reference and Operation Instructions (2-95)
100-354-101	1	Testing and Adjusting Circuit Per SD-61389- 01 for 1000-Cycle, Two-Tube Ringers — Description	Addendum	1	
100-355-101	1	Types "A" and "B" Composite Ringer — Test Panel — Description and Application	100-520-101	6	KS-14510 Meter (Portable Volt-Ohm- Milliammeter) — Description and Application
100-356-101	1	20 Cycle, 135 Cycle and 1000 Cycle Line Signaling Equipment — Test Panel (Test Circuit SD-61085-01) — Description	100-520-102	1	KS-20599, L4, Digital Multimeter — Description and Application
100-360-301	1	Toll Test Panel Per J61547W — Emergency Toll Offices — Description and Application	100-521-101	1	KS-20538 Meter (Portable Volt-Ohm- Milliammeter) Description and Application
100-5 Electrical Indicating Instruments and Meters			Addendum	1	
100-501-701	2	KS-14399 Contact-Making Ampere-Minute Meters — Requirements and Adjusting Procedures	100-525-101	2	400C Hewlett-Packard Vacuum Tube Voltmeter — Description
100-501-801	1	KS-14399 Contact-Making Ampere-Minute Meter — Piece-Part Data and Replacement Procedures	Addendum	1	
			100-526-101	3	Vacuum Tube Voltmeter — Hewlett-Packard Model 400D/H/L and H02-400D — Description
			100-527-800	1	Hewlett-Packard Model 3555A Modifier for Picturephone Use — Description, Operation, and Maintenance

Number	Issue	Subject
100-6 Electron Tube Test Sets, Tube Test Data, Oscilloscopes and Oscillographs		
100-611-101	1	Cold Cathode Tube — Test Set J24754A — Description and Application
100-612-101	1	Cold Cathode Tube — Test Set J94731A — Description and Application
100-629-101	1	KS-15840, List 1 Micromhos Meter Calibrator — Description and Application
Addendum	1	
100-630-101	2	Electron (Vacuum) Tube Test Set — KS- 5727 Hickok Tube Tester — Description and Application
100-630-501	3	WESTERN ELECTRIC® Electron (Vacuum) Tube Test Data — KS-5727 L1 Hickok Tube Tester
100-630-502	5	Non-WESTERN ELECTRIC Electron (Vacuum) Tube Test Data — KS-5727 L1 Tube Tester
Addendum	1	
100-633-101	1	Vacuum Tube Test Set — Hickok Model 531 (KS-13588 L1) and Modified 530B (KS-13725 L1) Tube Tester — Description and Application
100-633-501	2	Non-WESTERN ELECTRIC Electron (Vacuum) Tube Test Data — Hickok Model 531 (KS-13588 L1) and Modified 530B (KS-13725 L1) Tube Testers
Addendum	1	
100-634-101	2	Electron (Vacuum) Tube Test Set — KS- 15559 Hickok Tube Tester — Description and Application
100-634-501	3	WESTERN ELECTRIC Electron Tube Test Data — KS-15559, L1 Tube Tester
100-634-502	5	Non-WESTERN ELECTRIC Electron Tube Test Data — KS-15559 L1 Tube Tester
Addendum	1	
100-635-101	3	Electron (Vacuum) Tube Test Set — KS- 15560, L1 and L2 Hickok Tube Testers — Description and Application

Number	Issue	Subject
100-635-501	3	WESTERN ELECTRIC Tube Test Data — KS- 15560, L1 and L2 Tube Testers
100-635-502	5	Non-WESTERN ELECTRIC Electron Tube Test Data — KS-15560 L1 and L2 Tube Testers
Addendum	2	
100-636-101	3	Electron Tube Test Set — KS-15750, L1 Tube Tester — Description and Operation
100-636-501	3	WESTERN ELECTRIC Electron Tube Test Data — KS-15750, L1 Tube Tester
100-636-502	5	Non-WESTERN ELECTRIC Electron Tube Test Data — KS-15750 L1 Tube Tester
Addendum	2	
100-637-101	1	Electron Tube Test Set, Cardmatic Tube Tester — Model KS-15874-L1 and Model KS-15874-L2 With Serial Numbers Up to and Including 899 — Description and Operation
Addendum	1	
100-637-102	1	Electron Tube Test Set — Model KS-15874-L2, Cardmatic Tube Tester With Serial Numbers Above 900 — Description and Operation
100-640-101	3	Vacuum Tube Test Set — Hickok Model 530B Tube Tester — Description and Application
100-640-501	1	Non-WESTERN ELECTRIC Electron (Vacuum) Tube Test Data — Hickok Model 530B (KS-8235) Tube Testers
100-650-100	2	208 Du Mont Cathode-Ray Oscillograph — Description
100-651-100	1	304A Du Mont Cathode-Ray Oscillograph — Description
100-652-100	1	304H Du Mont Cathode-Ray Oscillograph — Description
100-654-100	1	J68650A (50A) List 1 Oscilloscope — (Modified RCA Type WO-79A or WO-79B) — Description
100-655-100	1	Type 453 TEKTRONIX* Oscilloscope — Description

* TEKTRONIX is a registered trademark of Techtronix, Inc.

Number	Issue	Subject
100-655-101	1	Model 453 TEKTRONIX Oscilloscope — Probes and Accessories — Description
100-656-100	1	Type 535 TEKTRONIX Oscilloscope — Description
100-658-100	2	KS-16305 Oscilloscope — Description

100-8 Wheatstone Bridges

100-810-101	2	Wheatstone Bridge KS-3011 — Description and Application
100-810-701	4	Wheatstone Bridges — KS-3011 and KS- 5588 — Requirements and Adjusting Procedures
100-810-711	2	Wheatstone Bridge Per KS-3011 — Used With Local Test Desk No. 14 or Cable Test Desk No. 2 or No. 3 — Requirements and Adjusting Procedures
100-810-712	2	Wheatstone Bridge Per KS-3011 — Used With Toll Testboards No. 4, No. 5 and No. 16 — Requirements and Adjusting Procedures
100-810-713	2	Wheatstone Bridge Per KS-3011 — Used With Toll Testboard No. 18B — Electrical Requirements
Addendum	1	
100-812-711	1	Wheatstone Bridge Per KS-5588 — Toll Systems — Requirements and Adjusting Procedures
100-815-101	1	KS-14959 Test Set (Portable Wheatstone Bridge) — Description and Application
100-825-101	1	1A Capacity Bridge — Description

Division 102**Test Equipment, Electrical Indicating Instruments and Meters (Switching Systems and Power) Maintenance, Selection, and Use**

Number	Issue	Subject
102-5 Electrical Indicating Instruments and Meters		
102-505-801	2	Traffic Recording Ammeters — Replacements and Other Work Operations

102-0 Indexes and Equipment Test List**102-1 Switching Systems****102-5 Electrical Indicating Instruments and Meters**

Number	Issue	Subject
102-0 Indexes and Equipment Test List		
102-000-000	16	Numerical Index — Division 102 — Test Equipment, Electrical Indicating Instruments and Meters — (Switching Systems and Power) — Maintenance, Selection, and Use
102-001-011	1	ETL
102-1 Switching Systems		
102-130-101	2	Trip Relay Adjusting Sets — Description
102-131-101	2	Call-Through Test Set — Description
102-172-101	1	Subscriber Line Rapid Insulation Test Set — H-297-421 (ST-627579) — Description
102-172-501	3	Subscriber Line Rapid Insulation Test — Using Electronic Type Test Set H-297-421, (ST-627579) With Sleeve Supervision — Nos. 1, 1C, 1D, 11, Manual, Panel and Step-By-Step Offices
102-175-301	3	Automatic Cable Pressure Detector Circuit — Operating Methods
102-175-501	3	Automatic Cable Pressure Detector Circuit — Tests
■ 102-200-101AC	2	700 and 800 Test Sets

Division 103**Transmission Test Equipment****103-0 Index and Equipment Test List****103-1 Miscellaneous Test Equipment****103-2 Voice-Frequency Transmission Measuring Sets, Systems, and Associated Equipment****103-3 Oscillators, Signal Generators, Milliwatt Reference****103-4 Carrier-Frequency Transmission Measuring Sets, Lightwave and High Capacity Systems and Associated Equipment, Lightwave Test Sets****103-5 Carrier-Frequency Noise Measuring Sets****103-6 Crosstalk and Noise Measuring Sets and Associated Equipment****103-7 Video Test Sets and Associated Equipment****103-8 Telegraph and Teletypewriter Testing Apparatus and Tools****103-9 Picturephone Service**

Number	Issue	Subject
103-0 Index and Equipment Test List		
103-000 Index		
103-000-000	18	Numerical Index — Division 103 — Transmission Test Equipment
103-001 Equipment Test List		
103-001-011	14	Transmission Test Equipment
103-1 Miscellaneous Test Equipment		
103-100 Attenuators		
103-100-100	1	5A Attenuator — Description
103-101 Composite Set Bridges		
103-101-100	3	1A — Description

Number	Issue	Subject
103-102 Impedance Bridges		
103-102-105	1	5A — Description
103-102-500	2	Measurements of Impedance Unbalances
103-103 Terminating Networks		
103-103-100	2	3A — Description
103-103-101	2	5A and 5B — Description
103-103-500	1	3A — Operation
103-104 Test Networks		
103-104-100	1	4097A — Description
103-104-101	1	4097B — Description
103-104-110	1	832B — Description
103-105 Echo Suppressor Test Sets		
103-105-100	2	J68605M (5M) Portable Test Set — Description
58-Type Echo Suppressors Measuring System J68658		
103-105-110	3	Description
103-105-310	3	Operation
Addendum	3	
103-105-510	3	Near-End Equipment — Tests and Adjustments
103-105-511	1	108-Type Test Termination — Out-of-Service Test
103-106 Return Loss and Singing Point Test Sets		
Singing Point Test Sets		
103-106-100	2	Reflection Attenuator — Description
Addendum	2	
103-106-105	1	J94002D (2D) and J94002E (2E) — Description
Return Loss Measuring Sets		
Addendum	1	
103-106-110	2	J99254C (54C) — Description
103-106-115	3	KS-20501 — Description and Operation

103-107 Voice Frequency Telephone Repeater Test Sets

Number	Issue	Subject
103-107-100	1	J94002G (2G) Repeater — Description
103-107-105	2	J98612F (12F) E-Repeater — Description
103-107-111	1	54A Transmission Measuring Set — Description and Operation
Addendum	1	
103-107-112	1	54B Test Stand — Description
103-107-120	1	KS-21940 L1 Handset Adapter Use and Application With Range Extender With Gain (REGs)

103-108 2A Toll Test Unit

103-108-100	1	Description
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103-109 1A Artificial Cable Kit

103-109-100	3	4096-Type Networks
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103-110 Pulse Type Measuring Set

103-110-100	1	Data Pulse Measuring Set — Description
103-110-110	3	J94027A, E, E, P/AR Meter Generators and J94027B P/AR Meter Receiver — Description, Operation, and Maintenance
103-110-111	1	J94027F P/AR Transmitter/Receiver — Description, Operation, and Maintenance

103-111 Delay Measuring Set

103-111-100	2	Delay Measuring System for Data Circuits — KS-15877 Transmitter — KS-15878 Receiver
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103-115 Gain and Delay Measuring Sets

Addendum	2	
103-115-100	2	25A Voiceband (J94025A) — Description and Operation
103-115-101	2	25B and 25BR Voiceband (J94025B and 94025BR) — Description, Operation, and Maintenance

Number	Issue	Subject
103-115-105	1	26A Wideband (J94026A) — Description, Operation, and Maintenance

103-117 Telemetry Test Equipment

103-117-101	1	KS-20937 E-Telemetry Station Test Set System — Description, Operation, and Maintenance
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103-120 1A Harmonic Distortion Measuring System

103-120-100	1	KS-20146, L1 Signal Generator and KS-20147, L1 Distortion Detector — Description
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103-125 X-75948 Voiceband Gain and Phase Hit Counter

103-125-000	1	Description and Operation
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103-126 Digital Multimeasuring Systems

103-126-100	1	KS-21111 Remote Digital Voice Frequency Transmission Measuring Set — Description
103-126-102	1	KS-21106 Remote Digital Multimeter — Description

103-190 1,000-Cycle Machines — KS-5472

103-190-101	4	Description
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103-2 Voice-Frequency Transmission Measuring Sets, Systems, and Associated Equipment

103-202 Auxiliary Transmission Measuring Set

103-202-100	1	Description
103-202-101	1	132A Impedance Adapter — Description

103-204 TTS 4A TMS (Range: 300 to 3,500 Cycles Sending — 35 to 15,000 Cycles Receiving)

103-204-100	3	Instruction Manual
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Number	Issue	Subject	Number	Issue	Subject
103-221 J94021A (21A) Transmission Measuring Set (Range: 20 to 20,000 Cycles Sending and Receiving)			103-231-510		
Addendum	3		3		Appearances at Voice-Frequency Patching Bays and Packaged N-Carrier Terminals — Data, Air-Ground, and Voice-Circuit Testboards for Private Service Systems and at Similar Locations — Tests and Adjustments
103-221-100	3	Description			
103-221-101	1	Calibration Checking Procedure			
103-222 J94022A (22A) Milliwatt Reference Meter (Range: 300 to 3,000 Cycles)			103-235 Far-End Transmission Measuring and Noise Checking Circuit and Associated 104-Type Test Lines		
103-222-100	3	Description	103-235-100	7	Description
103-222-101	1	36A Auxiliary Attenuator Used on 22A Milliwatt Reference Meter — Description	103-235-300	2	Accuracy and Operational Tests
			Addendum	2	
103-223 23-Type Transmission Measuring Sets			103-235-500	4	Without Test Progress Tone — Tests
103-223-100	3	23A and 23D — Description	103-235-501	4	Employing Test Progress Tone — Equipment Tests
103-223-101	2	J94023B, C, and CR — Description			
103-231 Transmission and Noise Measuring Systems			103-240 Control Unit for Loop Around Test Lines		
103-231-100	2	J94005 (SD-95900-01) — Description	103-240-500	5	J99329A Control Unit (60A) — Tests and Adjustments
103-231-101	2	1U Amplifier-Rectifier (Range 35 to 15,000 Hertz) — Description	103-245 DATS (Digital Access Timeslot Selector)		
103-231-102	2	1W Noise Amplifier-Rectifier With C- Message Weighting — Description	103-245-100	3	J1C140A — Description
103-231-103	1	Projection Meter, Projector, and Screen — Description and Maintenance	103-245-500	2	J1C140A-1 — Maintenance Information
103-231-104	1	KS-20805 — Description	103-250 J94051 ATMS (Automatic Transmission Measuring System)		
103-231-110	2	Appearances at Voice-Frequency Patching Bays and Packaged N Carrier Terminals — Data, Air-Ground, and Voice-Circuit Testboards for Private Service Systems and at Similar Locations — Description	103-250-100	2	General Description
103-231-500	3	J94005 (SD-95900-01) — Appearances at Testboards and at Similar Locations — Tests and Adjustments	103-250-101	5	105-Type Test Lines and Remote Office Test Line (ROTL) Access Circuits — Description
			103-250-110	1	51E Director — Used in No. 1 4-Wire ESS™ AUTOVON Offices — Description
			103-250-301	2	Director — Trouble Location
			103-250-302	1	Responder — Trouble Location
			103-250-501	4	Director Alignment
			103-250-502	4	Responder Alignment Using CP101RT 1 Per ED-99959-30

Number	Issue	Subject
103-250-503	2	Responder Alignment Using CP101RT Per ED-1C334-31
103-250-504	1	Remote-Office Responder Testing Procedure Using CP101RT per ED-1C334-31
Addendum	1	
103-250-702	7	105-Type Transmission Test Line Circuits — Build-Out Resistor Assembly Adjustment
103-250-710	1	51E Director — Used in No. 1 4-Wire ESS™ AUTOVON Offices — Build-Out Resistor Assembly Adjustment

103-251 CAROT (Centralized Automatic Reporting on Trunks)

103-251-105	1	Processor Controlled Interrogator — Description
103-251-110	1	J94054 Manually Controlled Interrogator — Description, Operation, and Use
103-251-111	1	54-Type Manually Controlled Interrogator — Adjustment of Loss in Transmission Paths
Addendum	1	
103-251-112	4	92A Control Unit — Description and Operation
103-251-113	1	92A Control Unit/Remote Outgoing Trunk (ROGT) Unit — KS-22321, L1 Console — Installation Procedures
103-251-114	1	92A Control Unit — Summarizing Specifications — Common Systems

103-252 52-Type ATMS (Automatic Transmission Measuring System)

Addendum	1	
103-252-100	3	J94052A (52A) Responder — Common Systems — Description and Operation
103-252-101	1	J94052B (52B) Responder Access Panel — Description and Operation
103-252-102	4	J94052C (52C) Responder Alignment Unit — Description and Operation
103-252-103	3	J94052D (52D) Responder — Description and Operation

Number	Issue	Subject
103-252-104	4	J94056A Mini-Responder — Description, Installation, Operation, and Maintenance
103-252-105	1	J94056B Miniresponder — Advanced Mobile Phone Service (AMPS) — Description, Installation, Operation, and Maintenance
103-252-106	1	FE117 Miniresponder — Remote Switching System (RSS) — Description, Installation, Operation, and Maintenance
103-252-500	3	J94052-Type (52A and 52D) Responder — Common Systems — Maintenance and Testing

103-260 CTMS/TFMS (Carrier Transmission Maintenance System/Trunk and Facilities Maintenance System)

■ 103-260-000AC	1	Quick Reference Guide (Binder with tabs and text.)
□ Addendum AC	1	
■ 103-260-001AC	1	Hardware and Maintenance Manual (Binder with tabs and text.)
□ Addendum AC	1	
■ 103-260-002AC	1	Operations Manual (Binder with tabs and text.)
□ Addendum AC	1	
■ 103-260-003AC	1	System Description and Data Base Operations (Binder with tabs and text.)
103-260-100	7	Description
Addendum	7	
103-260-101	1	Equipment Description
103-260-300	7	Operating System Detailed Description and Operating Procedures
103-260-301	8	Data Base Management
103-260-305	7	Application Programs
103-260-306	3	Trunk Maintenance Application Programs
103-260-500	5	Maintenance

103-261 J1P012A OTTS (Outgoing Trunk Testing System)

103-261-100	2	No. 4A or 4M Crossbar Switching System — Description and Operation
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Number	Issue	Subject	Number	Issue	Subject
103-261-101	1	OTTS/ROTL — Description and Operation	103-311 J64052A (52A) Oscillator (64, 100, 556, 1056, and 2064 Kilocycles)		
103-261-500	2	No. 4A Toll Switching Systems — SD- 1P062-01, SD-1P063-01 — Tests	103-311-100	3	Description
103-261-501	2		103-312 J64053A (53A) Mobile Oscillator (Range: 50 to 3,600 Kilocycles)		
103-261-501	2	Build-Out Pad — Adjustment	103-312-100	3	53A with 25B Oscillator — Description
103-261-502	1	OTTS/ROTL — Maintenance	103-312-101	1	53A with 25A Oscillator — Description
103-262 J1P029B and J1P029C CAS (Carrier Alarm Scanner)			103-313 J64056A (56A) Oscillator (Range: 50 to 10,000 Kilocycles)		
103-262-100	1	Description	103-313-100	3	Description
103-3 Oscillators, Signal Generators, Milliwatt Reference Generators, and Distributing Systems			103-314 J64057A (57A) Oscillator (308, 556, 2064, 3096, 7266, and 8320 Kilocycles)		
103-300 200- and 650A-Type Oscillators (Hewlett-Packard)			103-314-100	2	Description
103-300-100	1	Model 200CD — Instruction Manual	103-318 J64061B (61B) and J64061C (61C) Signal Generators (Range: 60 Cycles to 10 Megacycles)		
103-300-105	1	Model 200H — Description	Addendum	2	
103-300-106	1	650A — Description, Operation, and Maintenance	103-318-100	3	Description
103-302 KS-19260 and KS-19353 Oscillators			103-318-500	3	Tests and Maintenance Adjustments
103-302-100	2	KS-19260, L6, L7 — Description and Operation	103-319 J64061B (61B) Signal Generator		
103-302-105	1	KS-19353, L1 (50 Cycles to 560 Kilo- Cycles) — Description and Operation	103-319-300	1	Periodic Tests and Test Intervals
103-302-106	2	KS-19353, L5 — Description and Operation	103-319-501	2	Tests and Maintenance Adjustments
103-302-300	1	KS-19260 — Maintenance Considerations	103-319-502	1	Regulated Power Supply Tests and Adjustments
103-305 17A and 17B Oscillators (Range: 500 Cycles to 150 Kilocycles)			103-319-503	2	Video Signal Generator — Tests and Adjustments
103-305-100	2	Description	103-319-504	2	Sine Wave Generator — Tests and Adjustments
103-305-700	1	Requirements and Adjusting Procedures	103-319-505	1	Level Monitor — Tests and Adjustments
103-310 J64051A (51A) Oscillator (Range: 2 to 79 Kilocycles)			103-319-506	1	Electron Tube Tests
103-310-100	1	Description	103-319-507	1	Trouble Investigation — Voltage and Wave — Form Measurements
103-310-101	1	Calibration of — 1 KC, 0 KC Control			

Number	Issue	Subject	Number	Issue	Subject
103-320 J64061C (61C) Signal Generator			103-327-300	1	Milliwatt Record Book — General Description and Maintenance Procedures
103-320-300	1	Periodic Tests and Test Intervals	103-327-500	5	71C and 71F Milliwatt Reference Generators — 71G Precision Tone Generator — Output Test and Calibration
103-320-501	2	Tests and Maintenance Adjustments			
103-320-502	1	Regulated Power Supply — Tests and Adjustments			
103-320-503	2	Video Signal Generator — Tests and Adjustments			
Addendum	2				
103-320-504	2	Sine Wave Generator and Monoburst Adapter — Tests and Adjustments	103-335-300	3	Initial Test Requirements and Periodic Tests
103-320-505	1	Level Monitor — Tests and Adjustments	103-335-500	5	General Information
			103-335-501	4	Adjustment of Distributing Resistors to Compensate for Office Wiring Loss in 600-ohm Jack-Ended Outlets and Transmission Test Lines
			103-335-502	4	Adjustment of Distributing Resistors to Compensate for Office Wiring Loss in 900-ohm Jack-Ended Outlets and Transmission Test Lines
103-320-506	1	Electron Tube Tests	103-335-503	5	Check of Idle Circuit Terminations
103-320-507	1	Trouble Investigation — Voltage and Wave-Form Measurements			
103-321 H01-653A (653A) HEWLETT PACKARD* Oscillator			103-335-504	5	No. 1 Crossbar — Check of Milliwatt Test Lines Reached by 4- or 7-Digit Numbers
103-321-000	1	Description and Operation	103-335-505	6	No. 5 Crossbar — Check of Transmission Test Lines Reached by 4- or 7-Digit Numbers
103-325 J94071A (71A) Milliwatt Reference Generator (1,000 Cycles)			103-335-506	5	Step-by-Step — Check of Transmission Test Lines Reached by 4- or 7-Digit Numbers
103-325-100	2	Description	103-335-507	5	No. 5 Crossbar — Check of Transmission Test Lines Reached by 3-Digit Codes
103-325-500	3	Output Adjustment at Maintenance Outlet Jack	103-335-508	5	Crossbar Tandem or Step-by-Step Intertoll or Tandem Check of Transmission Test Lines Reached by 3-Digit Codes
103-326 J94071B (71B) Milliwatt Reference Generator			103-335-509	4	No. 4-Type Crossbar — Check of Transmission Test Lines Reached by 3-Digit Codes
103-326-100	2	Description	103-335-510	5	Manual Switchboards — Check of Milliwatt Outlets
103-327 J94071 Milliwatt Reference Generator			103-335-512	5	Check of Jack-Ended Outlets
103-327-100	6	71C and 71F Milliwatt Reference Generators; 71G Precision Tone Generator; 71D, 71E, and 71H Distributing Network Panels; and 71J Access Panel — Description			
103-327-180	2	71C, 71F, and 71G Milliwatt Reference Generators; 71D, 71E, and 71H Distributing Network Panels; and 71J Access Panel — Engineering Application			

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Number	Issue	Subject	Number	Issue	Subject
103-335-513	4	Adjustment of KS-16744, List 1 Distributing Networks to Compensate for Office Wiring Loss in 600- and 900-Ohm Jack-Ended Outlets and Transmission Test Lines	103-341-501	3	2A — Chart 2: Setting the Output Adjusting Circuit
103-335-514	3	4-Wire No. 5 Crossbar Offices — Check of Transmission Test Lines	103-343 J94024 (24B and 24C) Loop Checker Generators		
103-335-515	4	2-Wire and HILO 4-Wire No. 1 ESS Offices — Alignment and Check of Transmission Test Lines	103-343-101	3	Description
103-335-516	2	4-Wire No. 1 ESS Offices — Check of Transmission Test Lines	103-343-501	3	Tests
103-335-517	2	Automatic Intercept System — Check of Transmission Test Lines	103-343-701	3	Adjusting Procedures
103-335-518	3	2-Wire No. 2 ESS Offices — Check of Transmission Test Lines	103-344 J94024C (24C) Loop Checker Generator		
103-336 Wideband Test Termination			103-344-501	3	Tests
103-336-501	1	100-Type for Picturephone — Check and Adjustment of 1000-Hz Output and Verification of Operating Features	103-344-701	3	Adjusting Procedures
103-336-502	1	102-Type for Picturephone Check and Adjustment of 1000-Hz Output and Verification of Operating Features	103-345 201A and 201B Noise Generator (20 to 20,000 Cycles)		
☐ 103-336-503	1	Wideband Remote Switch Terminating Test Line — Check and Adjustment of 1000- Hz — Output and Verification of Operating Procedures	103-345-100	2	Description, Operation and Maintenance
103-337 Common Systems — Test Termination Circuit, SD-96540-01			103-350 Wideband Oscillator		
103-337-100	3	Description, Operation and Maintenance	103-350-100	1	Hewlett-Packard Model 209A Modified for Picturephone Use — Description, Operation and Maintenance
103-341 J94002A (2A) and J94002C (2C) Sending Panels			103-4 Carrier-Frequency Transmission Measuring Sets, Lightwave and High Capacity Systems and Associated Equipment, Lightwave Test Sets		
Addendum	3		103-400 Carrier-Frequency Voltmeters (Sierra Electronic Corporation)		
103-341-100	2	Description	103-400-101	1	KS-15538, List 1 (Range: 20 to 600 Kilocycles) — Description
103-341-500	3	2A — Adjustment of Temperature Compensation for the KS-5472-01 Machine	103-400-102	1	KS-15538, List 2 (Range: 20 to 500 Kilocycles) — Description
			103-400-103	1	KS-15538, List 3 (Range: 30 to 500 Kilocycles) — Description
			Addendum	1	
			103-400-104	1	KS-15538, List 4 (Range: 3 to 620 Kilocycles) — Description
			Addendum	1	
			103-400-105	1	KS-15538, List 5 (Range: 2 to 350 Kilocycles) — Description
			103-400-106	1	KS-15538, L5A Frequency Selective Voltmeter (Range: 2 to 350 Kilocycles) — Description

Number	Issue	Subject
103-400-107	1	KS-15538, L6 Frequency Selective Voltmeter (Range: 2 to 350 kHz) — Description and Operation — (Dranetz Engineering Laboratories)
103-401 Wandel & Goltermann* Transmission Test Set (10 kHz to 36 MHz)		
Addendum	1	
103-401-100	2	Description
103-401-300	2	Operation
103-402 Portable Oscillator and Selective Analyzer 10 KC to 17 MC (Siemens-Halske)		
103-402-100	1	Description
103-402-300	2	Operating Methods
103-403 Sierra Portable Signal Generator (Model 351A) and Frequency Selective Voltmeter (Model 128A) 10 kHz to 15 MHz		
103-403-100	1	Description
103-403-300	2	Operation
103-404 Sierra Model 3054A (1 kHz to 33.5 MHz)		
103-404-000	1	Description and Operation
103-405 J68827A (27A) Sending and J68827B (27B) Receiving Consoles (Range: 50 to 10,000 Kilocycles)		
103-405-100	4	Description
103-405-300	2	Operation
103-406 Wandel-Goltermann Level Generator AT462 and Selective Level Meter AT463		
103-406-000	3	6 kHz to 18.6 MHz — Description and Operation
103-407 J68858AT (58AT) Pilot Filter Set		
Addendum	3	
103-407-101	4	Description

Number	Issue	Subject
103-408 J64030A (30A) Transmission Measuring Set (Range: Up to 150 Kilocycles)		
Addendum	4	
103-408-100	2	Description
103-409 J64031A (31A) and J64031B (31B) Transmission Measuring Sets (Range: 1 to 150 Kilocycles)		
103-409-100	2	Description
103-410 J64032A (32A) Transmission Measuring Set (Range: 150 Cycles to 150 Kilocycles)		
103-410-100	2	Description
103-411 J64033A (33A) Transmission Measuring Set (Range: 60 to 3,400 Kilocycles)		
103-411-100	4	Description
103-412 J64034A (34A) Transmission Measuring Set (Range: 35 Cycles to 3.5 Megacycles)		
103-412-000	1	Description, Operation, and Maintenance
103-413 J64035A (35A) Transmission Measuring Set (Range: 30 Cycles to 10 Megacycles)		
103-413-100	1	Description
103-414 J64037A (37A) and J64037B (37B) Transmission Measuring Sets (Range: 50 to 11,000 Kilocycles) and J64001AM Power Supply		
103-414-100	2	Description
103-415 J64038A (38A) Transmission Measuring Set (Range: 100 Cycles to 10 Megacycles)		
103-415-100	2	Description
103-415-300	1	Periodic Tests and Test Intervals
103-415-500	1	Tests and Adjustments
103-415-501	1	Regulated Power Supply Tests
103-415-502	1	Frequency Check of 308 KC Oscillator
103-415-503	1	Calibration Control Check
103-415-504	2	Check of 0.5 DB Scale
103-415-505	1	Protection Pad Check

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Number	Issue	Subject	Number	Issue	Subject
103-415-506	1	Check of Amplifier Peaking Circuit	103-421 J64044A (44A) Transmission Measuring System (Range: 50 to 3,500 Kilocycles)		
103-415-507	1	Automatic Gain Control Circuit Test	103-421-100	1	Description
103-415-508	1	Check of Balance Adjustments	103-422 Wandel-Goltermann Milliwatt Test Set EPM-1		
103-415-509	1	Check of 308 KC Rejection Circuits	103-422-000	1	Description, Operation, and Maintenance
103-415-510	1	Frequency Synchronization Check	103-423 Hewlett-Packard Selective Level Measuring Set 3745B		
103-415-511	1	Check of 75-Ohm Frequency Characteristic	103-423-102	1	Description and Operation
103-415-512	1	Check of 124-Ohm Frequency Characteristic	103-424 J64049A (49A) L-Multiplex Measuring System		
103-415-513	1	Electron Tube Tests	Addendum	1	
103-415-514	1	Trouble Investigation	103-424-100	2	Description
103-416 Siemens Portable 100-MHz Transmission Measuring Set (100 kHz to 100 MHz)			Addendum	2	
103-416-000	1	Description and Operation	103-424-300	1	Operation and Maintenance
103-416-100	1	Selective Level Meter D2073B — Description and Operation	103-425 J64072A (72A) Frequency Meter (Range: 100 to 4,000 Cycles and 10 Cycles to 40 Kilocycles)		
103-417 Siemens Transmission Measuring Sets			103-425-100	2	Description
103-417-000	1	Siemens Model K1023 (10 kHz to 25 MHz) — Description and Operation	103-427 J64001R (1R) and J64001AC (1AC) Tube Test Set		
103-417-100	1	Siemens Model K1073 (100 kHz to 100 MHz) — Description and Operation	103-427-100	2	Description
103-418 Wandel-Goltermann Selective Level Meter AT-278			103-428 J64001AR (1AR) Patch Cord Test Set		
103-418-000	1	Description and Operation	Addendum	2	
103-419 Wandel-Goltermann Transmission Measuring Systems — PSM-7			103-428-100	1	Description
103-419-000	1	Description, Operation, and Maintenance	103-428-101	1	General Information — Continuity and Short Tests
103-420 Siemens Model 2006 (10 kHz to 17 MHz)			Addendum	1	
103-420-000	1	Description and Operation	103-428-102	1	Coaxial Patch Cords or Plugs — Continuity Tests
			103-428-103	1	Two Conductor Cords With 379A Plugs — Continuity Tests
			103-428-104	1	Two Conductor Cords With KS-14323 Plugs — Continuity Tests
			103-428-105	2	Short Tests
			103-429 J94002AA (2AA) Milliwatt Reference Set		
			103-429-100	3	Description

Number	Issue	Subject
103-430 J94070A (70A) Spectrum Generator (Range: 12 to 264 Kilocycles)		
103-430-100	2	Description
103-431 KS-15872, List 1 Spectrum Analyzer (Range: 5 to 300 Kilocycles)		
103-431-100	1	Description
103-431-300	1	Operation
103-432 J64090 (90-Type) Carrier Frequency Test Equipment		
103-432-100	2	Description
103-432-101	2	90A Oscillator — Description, Operation, and Maintenance
103-432-102	2	90B Selective Detector — Description, Operation, and Maintenance
103-432-103	2	90C Console — Description
103-432-104	3	90D Level Control — Description, Operation, and Maintenance
103-432-105	2	90E Transmission Measuring Set — Description
103-432-106	2	90F Digital Control Unit — Description, Operation, and Maintenance
103-432-107	2	90G Oscillator — Description, Operation, and Maintenance
103-432-108	2	90H Selective Detector — Description, Operation, and Maintenance
103-432-109	1	90J Fixed Frequency Selector — Description, Operation, and Maintenance
103-432-120	2	91DP and 91GP — Description, Operation, and Maintenance
103-432-121	2	J68958A Control Unit — Description, Operation, and Maintenance
103-432-300	2	General
103-432-800	2	Service and Return Procedures
103-433 J64074A (74A) Wideband Power Meter		
▣ 103-433-000	3	Description, Operation, and Maintenance

Number	Issue	Subject
103-434 J64092A CTMS (Carrier Transmission Maintenance System)		
J64092B Programming Console		
103-434-110	1	Description
103-434-310	2	Operation
103-434-510	1	Maintenance
103-435/441 L1 Carrier Test Sets		
2A Pilot Indicator		
103-435-100	3	Description
Switching Section Phase Comparison Set		
103-436-100	1	Description
J68825A (25A) Repeater Activity Test Set		
103-437-100	2	Description
97A Test Set		
103-438-100	3	Description
6077A Test Set		
103-439-100	1	Description
J68831A (31A) Visual Transmission Measuring Set		
103-440-100	1	General Considerations
103-440-101	1	Description
103-440-501	1	Calibration and Operation
103-440-502	1	Maintenance
103-440-503	1	Trouble Location
D178980 Transmission Measuring Set		
Addendum	1	
103-441-100	3	Description
103-442 LMX-2 Carrier Terminal Test Fixtures		
103-442-100	1	Miscellaneous Test Fixtures
103-442-101	2	Range Alignment Termination
103-442-102	1	ED-51318-30 Portable 231-Type Amplifier — Description
103-449/455 L3 Carrier System Test Sets		
J64007A (7A) Pilot Indicator		
103-450-100	3	Description

Number	Issue	Subject	Number	Issue	Subject
J64001AL (1AL) Power Test Set			103-460 Line Equipment Test Stand J68923A and Warm-Up Rack ED-51487 (L5 Carrier)		
103-451-100	2	Description	103-460-000	2	Description, Operation and Maintenance
J68839A (39A) and J68839B (39B) Thermistor Control Sets			103-467/485 N, O, and ON Carrier System Test Equipment and Test Sets		
103-452-100	3	Description	J98705M (5M) Channel Unit Test Stand		
J68837A (37A) and J68837C (37C) Cosine Equalizer Adjustment Sets			103-467-100	2	Description
103-453-100	3	General Considerations	Carrier Failure Indicator		
103-453-101	3	Description	103-468-100	1	Description
103-453-500	3	Calibration and Operation	KS-21697 HIN Test Set		
Addendum	3		103-469-100	1	Description, Operation, and Maintenance
103-453-501	3	Maintenance	J94002N (2N) Group Unit Switching Set		
J68837B (37B) Cosine Equalizer Adjustment Set — Portable Receiver			103-471-100	3	Description
103-454-000	3	37B and 37D — Description and Operation	J94002M (2M) Switching Set for N1 and ON Repeaters and N2 Repeaters With N2/N1 Adapters		
ED-51064-30 Pilot Hit Detector (L4 Carrier)			103-472-100	4	Description and Maintenance
103-455-000	1	Description, Operation, and Maintenance	J98703BD (3BD) Switching Set for N1A Repeaters and N2 Repeaters in N2/N1A Adapters		
103-456 J68898A (98A) Pilot Frequency Measuring Set, Lists 1 and 2 (L4 Carrier)			103-473-100	2	Description and Maintenance
103-456-000	2	Description, Operation, and Maintenance	J94002J (2J) Repeater Test Set		
103-457 J68899A Main Station Repeater Test Set (L4 Carrier)			103-474-100	2	Description
Addendum	2		J94002K (2K) Tube Test Set		
103-457-000	2	Description, Operation, and Maintenance	103-475-100	3	Description, Operation and Maintenance
103-458 Repeater Test and Maintenance Stand (L4 Carrier)			J94002P (2P) Tube Test Set		
103-458-000	2	J68906A Equalizing Repeater — Test and Maintenance Stand — Description, Operation, and Maintenance	103-476-100	2	Description
103-458-100	1	J68906B Line Repeater Test Set — Description, Operation, and Maintenance	J98703AF (3AF) Deviation Regulator Test Set		
			103-477-100	1	Description
			N Line Test Sets — Description and Operation		
			Addendum	1	
			103-478-100	2	KS-19750 Deviation Test Set
			103-478-101	1	Sierra Model 322A Carrier Generator

Number	Issue	Subject
N2 Switching Sets		
103-480-100	2	J99272U — Description
103-480-101	1	J99321S — Description
Addendum	1	
103-480-500	3	J99272U — Maintenance
Addendum	3	
103-480-501	3	J99321S — Maintenance

N2 Terminal Test Stands

Addendum	3	
103-481-100	2	J99272W — Description
103-481-101	1	J99272AH — Description
103-481-500	2	J99272W — Maintenance
103-481-501	1	J99272AH — Maintenance

N3 Switching Set

103-483-100	1	Description
103-483-501	1	Maintenance

N3 Terminal Test Stand

103-484-100	1	Description
103-484-501	1	Maintenance

103-486/487 T3, T4M, and FT3 Systems — Test Equipment**Transmission Facilities and Lightwave Test Sets — Digital Transmission Systems**

103-486-100	1	J98721F Regenerator Test Set — Description, Operation, and Maintenance
103-486-101	1	J98721E (21E) Fault Locating Test Set — Description, Operation, and Maintenance
103-486-102	2	J98721H (21H) Portable Violation Monitoring Test Set — Description, Operation, and Maintenance
103-486-103	1	J98721G Transmission Test Set — Description, Operation, and Maintenance
103-486-104	1	J98721J Portable Signal Generator — Description, Operation, and Maintenance
103-486-105	1	Nickel-Cadmium Battery Charger KS- 21797, L1 — Description, Operation, and Maintenance

Number	Issue	Subject
103-486-111	2	FT3 Line Test Set (KS-22264, L1) — FT3 Lightwave — Description, Operation, and Maintenance
103-486-112	2	FT3C Test Unit KS-22670, List () — FT3C Lightwave — Description, Operation, and Maintenance
103-486-113	2	FT3C Portable Violation Monitor (KS- 22671, L1) — FT3C Lightwave — Description, Operation, and Maintenance
103-486-114	2	190A Optical Loss Test Set — Description, Operation, and Maintenance
103-486-115	2	Multimode Optical Loss Test Set (KS-22820) — Description, Operation, and Maintenance
103-486-119	1	FTX-180/FT3C Test Unit KS-23128, List () — FT3C/FTX-180 Lightwave — Description, Operation, and Maintenance
103-486-120	2	FTX-180/FT3C Portable Violation Monitor (KS-23129, L3) — FT3C/FTX-180 Lightwave — Description, Operation, and Maintenance

Multiplex Facilities

103-487-101	1	DS3 Error Rate Test Set (KS-21366, L2 and KS-21424, L2) — Description and Operation
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103-488 Signal Monitor Test Sets

103-488-100	1	1A-RDS — Description, Operation, and Maintenance
103-488-105	1	J68435AH Digital — Description, Operation, and Maintenance

103-490 T1 Carrier — Test Equipment and Test Sets

103-490-100	1	J98710G Error Detecting Set — Description, Operation, and Maintenance
103-490-101	1	J98710G List 2 Error Detecting Set — Description, Operation, and Maintenance
103-491-100	2	J98710F, List 1 and J98710F, List 2 Fault Locating Sets — Description, Operation, and Maintenance

Number	Issue	Subject	Number	Issue	Subject
103-492-100	4	J98710H Repeater Test Set — Description and Maintenance	103-493-120	2	DS1/DS1C/DS2 Error Rate Test Set (KS- 22331, L1 and KS- 22332, L1) — Description, Operation, and Maintenance
103-493-100	4	113A Test Set — Digital Transmission Systems — Description, Operation, and Maintenance	103-494-100	2	J98725AC Office Bipolar-Violation Detector — Description and Maintenance
103-493-101	3	113B Test Set — Digital Transmission Systems — Description, Operation, and Maintenance	103-494-101	1	J98725AB T1C/T1 Manhole Bipolar Violation Detector — Description and Maintenance
103-493-102	1	T-1 Line Repeater Test Set — Sierra 316A	103-494-103	3	J98725AE T1C Line Repeater Test Set — Description and Maintenance
103-493-103	2	J98710P T1 Line Error Detector — Digital Transmission Systems — Description, Operation, and Maintenance	103-494-104	3	J98725AA Pair Loss Test Set — Description, Operation, and Maintenance
103-493-104	2	J98710R T1 Carrier Quasi-Random Signal Source — Digital Transmission Systems — Description	103-494-105	3	T1C/T1 Quasi-Random Signal Source (QRSS) — Description, Operation, and Maintenance
103-493-105	1	Biddle* 110A Cable Test Set — Digital Transmission Systems — Description, Calibration, and Maintenance	103-494-106	1	J98725AD T1C/T1 Fault-Locating Test Set — Description and Maintenance
103-493-106	1	T1 Repeater/Section Test Set — Northeast Electronics Model 7002 — Digital Transmission Systems	103-494-107	3	KS-22424 T1D Test Set — (Fault Locating and Repeater) — Description and Maintenance
103-493-107	1	T1 Line Monitor — Digital Transmission Systems — Description and Tests	103-494-108	3	KS-22423 T1D Test Set (Manhole Violation Detector) — Description and Maintenance
103-493-108	1	107A Power Unit Test Set — Description and Maintenance	103-494-109	1	J98725AJ Fault Line Power Module — Digital Transmission Systems — Description
103-493-109	3	KS-20775, L1 and L2A Error Rate Test Sets — Digital Transmission Systems — Description and Operation	103-494-111	3	J99403TA Transponder — Description and Operation
103-493-110	1	Error Rate Test Set — Bowmar† Model 271B — Digital Transmission Systems	103-494-112	1	J99403TA L2 Transponder — Operation Procedure
103-493-111	1	T1 Error Rate Monitor — Northeast Electronics Model 7031 — Digital Transmission Systems	103-495 T2 Carrier — Test Equipment and Test Sets		
103-493-115	1	107B Power Unit — Description and Maintenance	103-495-100	4	17L Bipolar Violation Detector — Description and Operation
			103-496 Fault Locating Set		
			Addendum	4	
			103-496-100	3	17J — Digital Transmission Systems — Description and Operation
			103-497 Regenerator Test Set		
			103-497-100	4	J98717M Regenerator Test Set — Description, Operation, and Maintenance

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Number	Issue	Subject
103-498 Pair Measuring Set		
103-498-100	3	T2 Digital Line — 17K Pair Measuring Set — Description and Operation
103-5 Carrier-Frequency Noise Measuring Sets		
103-500 Carrier-Frequency Noise Measuring Set		
103-500-100	2	J94007A (7A) (Range: 10 to 552 kHz) — Description
103-500-101	1	N Line Noise Sectionalization Set — Band Rejection Filter Unit J98703MC — Description
103-6 Crosstalk and Noise Measuring Sets and Associated Equipment		
103-611 No. 3-Type Noise Measuring Sets		
Addendum	1	
103-611-100	4	J94003A and B
103-611-101	2	J94003C (3C)
103-611-102	2	J94003 (3CR)
103-620 J94006() Voiceband Impulse Counters — Single Level		
Addendum	2	
103-620-100	5	6A and 6E — Description, Operation, and Maintenance
103-620-101	2	6H and 6HR — Description, Operation, and Maintenance
103-626 J94006() Voiceband Noise Measuring Sets — Multilevel		
103-626-100	3	6F and 6FR — Description, Operation, and Maintenance
103-627 J94006G Wideband Noise Measuring Set		
103-627-100	1	Description, Operation, and Maintenance
103-627-101	1	Modified for PICTUREPHONE Use — Description, Operation, and Maintenance

Number	Issue	Subject
103-628 Portable Pilot/Noise Monitor (1A-RDS)		
103-628-100	3	J68448A-90 — Description, Operation, and Maintenance
103-635 4A Frequency Analyzer		
103-635-100	1	Description
103-642 Noise Influence Coupler		
103-642-100	1	Description
103-7 Video Test Sets and Associated Equipment		
103-700 Impedance Matching Pads		
103-700-100	2	Description
103-701 197A and 197B Repeating Coils		
103-701-100	5	Description
103-702 J64001AP (1AP) Transmission Comparing Set		
103-702-100	1	Description and Operation
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103-705-502	1	Check of Sweep Phase Amplitude and Control	103-735-100	1	Description, Operation and Maintenance
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Division 104

Radio Test Equipment

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70-MHz Noise Generator, J99382G

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104-110/112 Oscillators**291A Test Oscillator**

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KS-10361 Two-Tone Oscillator

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33A Oscillator

	104-112-000	2	Description, Operation, and Maintenance
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104-120/121 Oscilloscopes**DuMont* 2567 Cathode Ray Oscillograph (TD-2)**

	104-120-000	1	Description, Operation, and Maintenance
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KS-15586 Oscilloscope (TD-2)

	104-121-000	2	Description, Operation and Maintenance
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* GENERAL RADIO is a registered trademark of General Radio

* DuMont is a registered trademark of National Union Electric Corporation

Number	Issue	Subject
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104-130/142 Meters**Link 2051 Frequency Meter**

104-130-100	1	Description
104-130-300	1	Operation
104-130-500	1	Tests

Budelman Type 17 Frequency Meter

104-131-100	2	Description
Addendum	1	
104-131-300	2	Operation
104-131-330	2	Periodic Intervals
104-131-500	2	Maintenance

Measurements Corp. Model 59 UHF Frequency Meter

104-132-000	1	Description, Operation and Maintenance
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GE ST-13A-WE Frequency Meter

104-133-100	2	Description
104-133-300	1	Operation
104-133-500	1	Tests

Jones MICROMATCH*, Models 711N & 711N2 Meter

104-134-000	2	Description, Operation and Maintenance
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71A Frequency-Power Meter (TE)

104-135-100	1	Description
104-135-300	1	Operation
104-135-500	1	Tests

J68404D Broadband and Auxiliary Radio Channel Metering Test Set (TH)

104-136-000	1	Description and Maintenance
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J68404E Heater Supply Test Set (TH)

104-137-000	1	Description and Maintenance
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J68404F TWT Cathode Activity Test Set (TH)

104-138-000	1	Description and Maintenance
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Number	Issue	Subject
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J68404T FM Terminal Metering Test Sets (TH)

104-139-000	1	Description and Maintenance
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Radio Specialty Model 1163 FM Deviation Meter

104-140-000	1	Description
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Gertsch Model FM-7 Frequency Meter and DM-3 Deviation Meter

104-141-000	1	Description
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General Radio Type 1862 Megohmmeter and TD-2 Capacitor Test Set

104-142-100	2	General
104-142-300	2	Operation

104-2 Attenuators, Detectors, Impedance Matching Devices and Nonmicrowave Test Sets**104-200/202 Attenuators****ED-63927-01 Variable Waveguide Attenuator (TD-2)**

104-200-500	3	ED-63927-01 and -70 — Tests
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DuMont 21-1CBA Coaxial RF Attenuator

104-201-000	1	Description, Operation and Maintenance
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20A and 20B Variable Waveguide Attenuator (TH-1)

104-202-500	2	Tests
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104-210/211 Detectors**1AJ 1F Detector (TE)**

104-210-100	1	Description
104-210-300	1	Operation
104-210-500	1	Maintenance

1AJ Detector Modified Per ES-886600 (RCA TTR/TRR)

104-211-100	1	Description
104-211-300	1	Operation
104-211-500	1	Maintenance

104-220 J68376C Impedance Matching Test Set (TJ)

104-220-000	1	Description and Maintenance
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* MICROMATCH is a registered trademark of Conrec Technology Corporation.

Number	Issue	Subject	Number	Issue	Subject
104-230/232 Non-Microwave Test Sets			J68337G Linearity Test Set (TD-2 & TJ) (Part of 37H FM Test Set)		
83A Test Set			104-305-100	1	Description
104-230-100	1	Description	104-305-300	1	Operation
104-230-500	1	Maintenance	104-305-500	1	Maintenance
J41625A Remote Power Control Unit			J68408A FM Terminal Test Set (TH)		
104-231-100	1	Description	104-306-100	1	Description
104-231-500	1	Maintenance	104-306-300	1	Operation
Scantlin Model 2225 Test Set			Addendum	1	
Addendum	1		104-306-500	2	Maintenance
104-232-000	1	Description, Operation and Maintenance	J68337J 3A FM Terminal Test Panel (TD3)		
104-3 FM Terminal, Visual Delay, and Protection Switching Test Sets			104-307-100	2	Description
104-300/307 FM Terminal Test Sets			104-307-300	2	Operation
J68337A FM Test Set (TD-2)			104-307-500	2	Tests
104-300-100	3	Description	104-307-501	2	J68337K 70- or 74.13-MHz Deviation and Frequency Test Unit
104-300-300	3	Operation	104-307-502	2	J68337L 256- or 271-MHz Reference Oscillator
104-300-500	3	Maintenance	104-307-503	2	J68337M 70.2- or 74.3-MHz Calibration Oscillator
J68337B Electronic Switch (TD-2) (Part of 37A FM Test Set)			104-307-504	1	J68337N 1.05-MHz Oscillator
104-301-100	3	Description	104-307-505	1	J68337P Baseband Amplifier
104-301-300	2	Operation	104-307-506	1	J68337R Power Supply
104-301-500	3	Maintenance	104-308 J99302BG Linearity Test Set (TL & TM)		
J68337C Linearity Test Set (TD-2 & TJ) (Part of 37A FM Test Set)			104-308-100	1	Description
104-302-100	3	Description	104-308-500	1	Maintenance
104-302-300	2	Operation	104-320 J68347A Visual Delay Set (TD-2)		
104-302-500	3	Maintenance	104-320-000	1	General
J68337H FM Terminal Test Set (TD-2)			104-320-100	1	Description
104-303-100	2	Description	104-320-300	2	Operation
104-303-300	2	Operation	Addendum	1	
104-303-500	2	Maintenance	104-320-500	1	Maintenance
J68337F FM Test Set (TD-2) (Part of 37H FM Test Set)			104-330/333 Protection Switching Test Sets		
104-304-100	1	Description	J68345K Initiator Test Set (TD-2)		
104-304-300	2	Operation	104-330-000	1	General
104-304-500	4	Maintenance	104-330-100	1	Description
			104-330-300	1	Operation
			104-330-501	1	Electronically Regulated Power Supply

Number	Issue	Subject
104-330-502	2	Impedance Measurements
104-330-503	2	70 Mc Oscillator and Amplifier Adjustment
104-330-504	2	61 MHz Pilot Supply Tests
104-330-505	2	61-MHz Mixing Pad Loss
104-330-506	1	Noise Meter Amplifier Gain-Frequency Characteristic
104-330-507	1	Audio Noise Circuit Gain-Frequency Characteristic
104-330-508	1	Fade Level Calibration Using 70-Type Power Meter
104-330-509	1	Fade Level Calibration Using a Vacuum Tube Voltmeter
104-330-510	3	Overall Noise Calibration
104-330-511	1	Indicator Lamp Circuit Check
104-330-512	1	Initiator Load Circuit
104-330-520	2	Pilot Attenuator (AT1) Check
104-330-530	1	Voltage & Resistance Measurements

J68381T Test Set (TD-3) (100A)

Addendum	1	
104-331-100	2	Description
Addendum	1	
104-331-300	4	Operation
104-331-500	4	General Test Information
104-331-501	2	J68381CD Voltmeter Circuit Maintenance
104-331-502	1	Drive A Circuit
104-331-503	1	Drive Circuit
104-331-504	1	Repetitive Drive Circuit
104-331-505	1	Switch Simulating Circuit
104-331-506	1	Inhibiting and Detecting Circuit
104-331-507	1	J68381CK, 63- and 70-MC Oscillator Circuit
104-331-508	2	J68381CL, 7- and 61-MHz Oscillator Circuit — J68381DR, 58.12- and 59.8-MHz Oscillator Circuit
104-331-509	1	J68381CM Lamp Drive Circuit
104-331-510	3	KS-19714, L1 Electronic Counter
104-331-511	3	KS-19714, L4 Time Interval Plug-In Unit
104-331-512	3	KS-19714, L5 Frequency Converter Plug-In Unit
104-331-513	3	KS-19711, L1 Oscillator
104-331-514	3	KS-19698, L1 or L5 Power Meter
104-331-515	3	KS-19698, L4 Thermistor Mount or KS- 19698 L6 Thermocouple Mount

Number	Issue	Subject
104-331-516	1	J87207B Rectifier Circuit
104-331-517	1	HEWLETT-PACKARD* 5248L or KS-19714, L6 (HEWLETT-PACKARD H45/5248L) Electronic Counter — Maintenance

J68412A Test Set (TH)

104-332-100	1	Description
104-332-300	1	Operation
104-332-500	3	Maintenance

J68429AA Test Set

104-333-000	1	Description, Operation, and Maintenance
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104-4 Microwave Test Bays, Sets, and Benches**104-410/441 Test Sets****J68345A Transmitter-Receiver Set (TD-2)**

104-410-100	2	Description
104-410-300	5	Operation
104-410-500	6	Maintenance

J6834ON Power Meter (TD-2, TH & TJ) (Part of 45A & 405A Test Set)

104-411-100	1	Description
104-411-300	1	Operation
104-411-500	1	Maintenance

J68345F Frequency Calibrator (TD-2)

104-412-100	3	Description
104-412-300	3	Operation
104-412-500	3	Maintenance

KS-15658 Noise Figure Test Set (TD-2)

104-413-000	1	General
104-413-100	1	Description
104-413-300	1	Operation
104-413-500	3	Maintenance

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J64001AK Tube Test Set (TD-2)

104-414-100	2	Description
104-414-300	2	Operation
104-414-330	3	J64001AK Tube Test Set — Trouble Tests
104-414-500	2	Maintenance

J68392A Transmitter-Receiver Test Set (TD-3 & TH-3)

104-415-000	1	Description and Operation
104-415-300	1	Operation
104-415-501	2	Routine Maintenance
104-415-502	1	J87296A Power Supply
104-415-504	1	KS-19975 IF Oscillator
104-415-505	1	RF and IF Sweep Control Unit
104-415-506	1	J68392C IF Amplifier
104-415-507	1	J68392F IF Detector Circuit
104-415-508	2	KS-19974 RF Oscillator
104-415-509	1	RF Frequency Meter
104-415-510	1	KS-19977 Frequency Counter
104-415-511	2	KS-19976 Oscilloscope
104-415-512	1	KS-19927 Noise Generator
104-415-513	1	KS-19978 Power Meter
104-415-514	1	Maintenance — KS-20383 RF Oscillator

ED50978-10 Portable Test Arrangement

104-416-300	1	Operation
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J68428A Transmitter-Receiver Test Set

104-417-000	1	Description and Operation
104-417-500	1	General
104-417-501	1	Routine Maintenance
104-417-502	1	KS-20882 Oscilloscope
104-417-503	1	KS-20884 Frequency Counter
104-417-504	1	KS-20625 Power Meter
104-417-505	1	KS-20626 IF/RF Sweep Oscillator
104-417-506	1	Control Unit Maintenance
104-417-507	1	KS-21444 Frequency Counter

J68376A Transmitter Disconnect Unit

104-420-000	1	Description, Operation and Maintenance
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J68376B IF Test Set (TJ)

104-421-000	2	Description, Operation and Maintenance
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Hewlett-Packard KS-16647 RF Test Set (TJ)

104-422-000	2	Description, Operation and Maintenance
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J68405A Transmitter-Receiver Test Set (TH)

104-430-100	1	Description
104-430-300	2	Operation
104-430-500	2	General
104-430-501	1	Power Supplies
104-430-502	2	RF Generator
104-430-503	1	Sweep Generator
Addendum	1	
104-430-504	2	KS-15865 Oscillator (IF Generator)
104-430-505	1	Video Amplifier
104-430-506	2	97-kHz Oscillator
104-430-507	1	97-Kc Amplifier-Rectifier
104-430-508	1	Modulation Regulator
Addendum	1	
104-430-509	1	Noise Figure Test Set
104-430-510	1	489A Network
104-430-511	1	RF Reflectometer
104-430-512	1	KS-15869 Oscilloscope
104-430-513	2	RF Meter
104-430-514	1	IF Meter
104-430-515	2	Miscellaneous Test Set Accessories
104-430-516	1	KS-16532 Flexible Waveguide Return Loss Test

J68415A Auxiliary Test Set (TH)

104-431-100	1	Description
104-431-500	4	Maintenance

J68414A DADE Test Set (TH)

104-432-000	1	Description, Operation and Maintenance
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J99262AA Test Set (TL)

104-440-100	1	Description
104-440-300	1	Operation
104-440-500	1	Maintenance

Number	Issue	Subject
Anritsu* ME645A Test Set		
104-441-000	1	Field Calibration Service — Administration
104-480/482 Test Benches		
J68333A Test Bench (TD-2)		
104-480-100	2	Description
104-480-300	2	Operation
104-480-500	3	Maintenance
J68848 Test Bench (TH)		
104-481-100	1	General
104-481-101	1	AC Power Control and Distribution
104-481-102	1	6049-MC Frequency Generator Bay
104-481-103	2	Broadband Channel Radio Equipment
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105-250-100	2	KS-21250, List 2A — Identification, Operation, Maintenance, and Ordering — Coin Crafts' Test Set
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Division 155

**Alternators, Engine-Alternators, Gas Turbine Alternators,
Tone Alternators, Tone Machines,
Ringing and Coin Control Generators,
Charging Generators and Motor-Generators**

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155-165 KS-15622 Diesel Engine-Alternator		
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155-165-301	4	120 and 170 KW — Manually and Automatically Controlled — Operating Methods
Addendum	1	
155-165-311	2	30 to 60 KW — Automatically Controlled KS-5750 — 120 and 170 KW, KS-15622 — 30 to 100 KW, KS-15890 — J86624 Main Control Cabinet — Operating Methods
Addendum	6	
155-165-701	5	120 and 170 KW — Manually and Automatically Controlled — Requirements and Adjusting Procedures
155-167 KS-15650 Gasoline Engine-Alternator — 5 KW — Portable-Onan Type		
155-167-301	3	Operating Methods
Addendum	1	
155-167-701	2	Requirements and Adjusting Procedures
155-167-801	1	Replacement Parts and Procedures
155-168 KS-19989 Gasoline Engine-Alternator — 5 KW — Portable-Onan Type		
155-168-301	1	Operating Methods
Addendum	1	
155-168-701	1	Requirements and Adjusting Procedures
155-170 KS-15700 Gasoline Engine-Alternator — 1.3 KW — Stationary — Automatically Controlled		
155-170-301	1	Operating Methods
Addendum	1	
155-170-701	1	Requirements and Adjusting Procedures
155-172 KS-15717 Diesel Engine-Alternator — 10 KW		
155-172-300	3	L4, L5, L6, L7, L8, and L9 — Manually Controlled — Operating Methods

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155-172-301	1	L1 — Automatically Controlled — Operating Methods	155-176 KS-15884 Diesel Engine-Alternator — Manually Controlled		
155-172-302	2	L11 — Automatically Controlled — Operating Methods	Addendum	1	
Addendum	3		155-176-301	2	30 KW — Operating Methods
155-172-700	3	L4 Through L9 — Manually Controlled — Requirements and Adjusting Procedures	155-176-302	3	45, 60, and 100 KW — Operating Methods
Addendum	3		155-176-701	6	L1, L2, L3, L4, L12, L13, and L14 — 30, 45, 60, and 100 KW — Requirements and Adjusting Procedures
155-172-701	1	L1 — Automatically Controlled — Requirements and Adjusting Procedures	155-176-801	1	30 KW — Replacement Parts and Procedures
Addendum	1		155-176-802	1	45, 60, and 100 KW — Replacement Parts and Procedures
155-172-702	3	L11 — Automatically Controlled — Requirements and Adjusting Procedures	155-178 KS-15890 Diesel Engine-Alternator — 30, 45, 60, and 100 KW — Automatically Controlled		
155-172-800	3	L4, L5, L6, L7, L8, and L9 — Manually Controlled — Replacement Parts and Procedures	Addendum	2	
155-172-801	1	L1 — Automatically Controlled — Replacement Parts and Procedures	155-178-301	3	Operating Methods
155-172-802	1	L11 — Automatically Controlled — Replacement Parts and Procedures	155-178-701	4	Requirements and Adjusting Procedures
			155-178-801	3	Replacement Parts and Procedures
155-174 KS-15777 Diesel Engine-Alternator — 500 KW			155-180 KS-15899 Diesel Engine-Alternator — 350 KW		
155-174-301	3	L21, L22, L31, and L32 — Manually Controlled — Operating Methods	155-180-301	2	L1, L2, L11, and L12 — Manually Controlled — Operating Methods
Addendum	1		155-180-302	2	L3, L4, L13, and L14 — Automatically Controlled — Operating Methods
155-174-302	3	L23, L24, L33, and L34 — Automatically Controlled — Operating Methods	Addendum	1	
Addendum	3		155-180-701	4	Automatically and Manually Controlled — Requirements and Adjusting Procedures
155-174-701	3	Automatically and Manually Controlled — Requirements and Adjusting Procedures	155-180-801	1	L1, L2, L11, and L12 — Manually Controlled — Replacement Parts and Procedures
155-174-801	1	L21, L22, L31, and L32 — Manually Controlled — Replacement Parts and Procedures	155-180-802	1	L3, L4, L13, and L14 — Automatically Controlled — Replacement Parts and Procedures
155-174-802	1	L23, L24, L33, and L34 — Automatically Controlled — Replacement Parts and Procedures	155-185 KS-15929 Diesel Engine-Alternator — 225 KW		
			155-185-301	2	L1 and L11 — Manually Controlled — Operating Methods
			155-185-302	3	L2 and L12 — Automatically Controlled — Operating Methods

Number	Issue	Subject
155-185-701	4	Automatically and Manually Controlled — Requirements and Adjusting Procedures
155-185-801	1	L1 and L11 — Manually Controlled — Replacement Parts and Procedures
155-185-802	1	L2 and L12 — Automatically Controlled — Replacement Parts and Procedures

155-187 KS-15954 Diesel Engine-Alternator — 350 KW

155-187-301	2	L1, L2, L11, and L12 — Manually Controlled — Operating Methods
155-187-302	3	L3, L4, L13, and L14 — Automatically Controlled — Operating Methods
Addendum	4	
155-187-701	2	Automatically and Manually Controlled — Requirements and Adjusting Procedures
155-187-801	1	L1, L2, L11, and L12 — Manually Controlled — Replacement Parts and Procedures
155-187-802	1	L3, L4, L13, and L14 — Automatically Controlled — Replacement Parts and Procedures

155-188 KS-19203 Motor-Alternator

155-188-701	4	Requirements and Adjusting Procedures
155-188-801	2	Replacement Parts and Procedures

155-189 KS-19587 Diesel Engine-Alternator — 115 KW

Addendum	1	
155-189-301	3	L1 and L2 — Automatically and Manually Controlled — Operating Methods
Addendum	3	
155-189-701	3	L1 and L2 — Automatically and Manually Controlled — Requirements and Adjusting Procedures

155-190 Battery Motor-Driven Alternator

155-190-701	1	Control Equipment — Requirements and Adjusting Procedures
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Number	Issue	Subject
155-191 KS-19583 — 30 KW and KS-19584 — 45 KW Diesel Engine-Alternators		
Addendum	3	
155-191-301	1	Automatically and Manually Controlled — Operating Methods
Addendum	4	
155-191-701	2	Automatically Controlled — Requirements and Adjusting Procedures

155-192 KS-19585 — 75 KW and KS-19586 — 115 KW Diesel Engine-Alternator

Addendum	3	
155-192-301	1	Automatically and Manually Controlled — Operating Methods
Addendum	4	
155-192-701	2	Automatically Controlled — Requirements and Adjusting Procedures

155-193 KS-20523 — 30 KW and KS-20524 — 45 KW Diesel Engine-Alternators — Manually Controlled or Field Converted Automatically Controlled

155-193-301	2	Operating Methods
155-193-701	3	Requirements and Adjusting Procedures

195-194 KS-20525 — 75 KW and KS-20526 — 115 KW Diesel Engine-Alternators — Manually Controlled or Field Converted Automatically Controlled

155-194-301	2	Operating Methods
155-194-701	3	Requirements and Adjusting Procedures

155-195 KS-20527 Diesel Engine-Alternator — 115 KW — Manually Controlled — Lists 1 Through 12

155-195-301	1	Operating Methods
Addendum	3	
155-195-701	1	Requirements and Adjusting Procedures

Number	Issue	Subject	Number	Issue	Subject
155-196 KS-22936 12/20 KW LINEAGE® 2000 — AC Reserve System (J86659)			Addendum	1	
155-196-101	1	Description	155-206-701	2	Lists 1 Through 4, 11, and 12 — Requirements and Adjusting Procedures
▲155-196-102	1	Maintenance	155-206-702	1	Lists 101, 102, 111, 112, and Solid State Control Circuits Lists 115 and 116 — Requirements and Adjusting Procedures
155-196-103	1	Lists 1, 2, 3, and 4 — Engineering and Installation Guidelines			
155-197 24/28/40 KW LINEAGE 2000 — AC Reserve System (J866557)			155-207 KS-20460 Gas Turbine Engine-Alternator — 2500 KW — Automatically or Manually Controlled		
▲155-197-001	3	Maintenance	Addendum	1	
155-197-100	4	Description	155-207-301	2	List 1 Through 8 — Operating Methods
155-199 Diesel Engine-Alternators — Manually Controlled — Fairbanks, Morse and Company — 350 Through 550 KW			Addendum	1	
■ 155-199-301AC	1	Operating Methods	155-207-701	2	List 2 and Lists 4 Through 8 — Requirements and Adjusting Procedures
■ 155-199-701AC	1	Requirements and Adjusting Procedures			
155-2 Gas Turbine Alternators			155-208 KS-21501 Gas Turbine Engine-Alternator — L1 Through L4, L7, L12, L13, and L26 — 750 KW (Base)/900 KW (Peak) — Automatically or Manually Controlled		
155-202 KS-15992 Gas Turbine Engine-Alternator — 750 KW Automatically or Manually Controlled			Addendum	1	
Addendum	1		155-208-301	1	Operating Methods
155-202-301	3	Operating Methods	Addendum	1	
155-202-701	4	Requirements and Adjusting Procedures	155-208-701	1	Requirements and Adjusting Procedures
155-205 KS-19896 Gas Turbine Engine-Alternator — L1 Through L4, L15, and L16 — 200 KW — Automatically or Manually Controlled			155-209 KS-21264 Gas Turbine Engine-Alternator — Lists 1 Through 4 — 435/500 KW Automatically or Manually Controlled		
155-205-301	3	Operating Methods	155-209-301	2	Operating Methods
155-205-701	4	Requirements and Adjusting Procedures	155-209-701	2	Requirements and Adjusting Procedures
155-206 KS-20542 Gas Turbine Engine-Alternator — 200 KW — Automatically or Manually Controlled			155-210 KS-21879 Gas Turbine Engine-Alternator — Lists 1 Through 4 — 1250/1500 KW Automatically or Manually Controlled		
Addendum	1		155-210-301	1	Operating Methods
155-206-301	1	Lists 1 Through 4, 11, and 12 — Operating Methods	155-210-701	1	Requirements and Adjusting Procedures
155-206-302	1	Lists 101, 102, 111, and 112 and Solid State Control Circuits Lists 115 and 116 — Operating Methods			

Number	Issue	Subject	Number	Issue	Subject
155-211 KS-22673 Turbine Engine-Driven Alternator — Lists 1 Through 8 — 750/900 KW Automatically or Manually Controlled			155-4 Ringing and Coin Control Generators		
Addendum	1		155-405 Ringing and Coin Control Generators — P-Type		
155-211-301	1	Operating Methods	155-405-101	1	Description
Addendum	1		155-405-301	1	Operating Methods
155-211-701	1	Requirements and Adjusting Procedures	155-405-701	3	Requirements and Adjusting Procedures
			155-405-801	4	Replacement Parts and Procedures
155-212 KS-22719 30 KW or 45 KW and KS-22720 75 KW or 115 KW — Diesel Engine-Alternator — Automatically Controlled			155-410 Ringing and Coin Control Generator — Commercial Type		
155-212-301	2	Operating Methods	155-410-101	2	Description
155-212-701	2	Requirements and Adjusting Procedures	Addendum	2	
			155-410-701	5	Motor-Driven — Requirements and Adjusting Procedures
155-3 Tone Alternators and Tone Machines			155-410-801	4	Motor-Driven — Replacement Parts and Procedures
155-307 KS-5286 Tone Alternator			155-415 Static Ringing Generators		
155-307-101	2	Description	Addendum	1	
155-307-701	4	Requirements and Adjusting Procedures	155-415-701	6	Requirements and Adjusting Procedures
155-307-801	5	Replacement Parts and Procedures	155-416 Solid State Ringing Generators — J29182A-50 — No. 5 Crossbar		
155-310 A. E. Inc. Class of Service Tone Machines			155-416-701	1	Operation, Requirements, and Adjusting Procedures
155-310-701	2	Requirements and Adjusting Procedures	155-420 KS-15815 Ringing Generator — Vibrator-Type		
155-320 404F Audible Ring Tone Generator			155-420-701	2	Requirements and Adjusting Procedures
155-320-301	1	Operating Procedures	155-425 KS-15816 Ringing and Coin Control Generators — Motor-Driven		
404G Preempt Tone Generator			Addendum	1	
155-321-301	1	Operating Procedures	155-425-701	1	Requirements and Adjusting Procedures
155-322 404A, 404B, 404C, and 404D Dial Tone Generators			Addendum	1	
155-322-301	1	Operating Procedures	155-425-801	1	Replacement Parts and Procedures
155-323 Precise Busy Tone Supply — J86845A (4-Wire Voice/Record Network) J86845B (Basic 911 Emergency Service)					
155-323-301	3	Operating Procedures			

Number	Issue	Subject	Number	Issue	Subject
155-5 Charging Generators			155-516-701	2	Requirements and Adjusting Procedures
155-505 Charging Generators — M-Type			155-516-801	2	Replacement Parts and Procedures
155-505-701	3	Requirements and Adjusting Procedures	155-520 KS-5530 Engine Generator — 1.5 KW DELCO		
155-505-801	2	Replacement Parts and Procedures	155-520-301	2	Operating Methods
155-508 .850 KW and 2.5 KW DELCO* Charging Sets — Per KS-5042			155-520-701	3	Requirements and Adjusting Procedures
155-508-301	1	Operating Methods	155-520-801	1	Replacement Parts and Procedures
155-508-701	2	Requirements and Adjusting Procedures	155-522 KS-5542 Engine Generator — 6 KW DELCO		
155-510 22-40 Volt and 125-135 Volt; 1.25 KW DELCO Charging Sets — Per KS-5115 and KS-5116			155-522-301	1	Operating Methods
155-510-701	2	Requirements and Adjusting Procedures	155-522-701	2	Requirements and Adjusting Procedures
155-512 Charging Generators — Commercial Type — Per KS-5123 and KS-5137			155-525 KS-5630 Engine Generator — 1.5 KW — Kerosene		
155-512-101	1	Description	155-525-301	1	Operating Methods
Addendum	3		155-525-701	1	Requirements and Adjusting Procedures
155-512-701	7	Motor-Driven — Requirements and Adjusting Procedures	155-525-801	1	Replacement Parts and Procedures
155-512-801	5	Motor-Driven — Replacement Parts and Procedures	155-6 Motor-Generators		
155-514 Engine-Generator Sets — Buffalo Type "BA"			155-605 Motor-Generators — 135-Cycle Signaling, 10.5 and 40 Watt		
155-514-301	2	Operating Methods	155-605-101	2	Description
155-514-701	3	Requirements and Adjusting Procedures	155-605-701	4	Requirements and Adjusting Procedures
155-514-801	2	Replacement Parts and Procedures	155-605-801	4	Replacement Parts and Procedures
155-516 KS-5142 Engine Generator — 1.5 KW WESTINGHOUSE† — Kerosene			155-608 Motor-Generator — 1000-Cycle Signaling		
155-516-101	1	Description	155-608-101	2	Description
155-516-301	2	Operating Methods	155-608-701	6	Requirements and Adjusting Procedures
			155-608-801	5	Replacement Parts and Procedures

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155-609 KS-5472 and KS-5472-01 — 1000-Cycle Machines

155-609-101	4	Description
155-609-701	2	Requirements and Adjusting Procedures
155-609-801	2	Replacement Parts and Procedures

155-612 Charging Sets — Diverter Pole Type

155-612-701	4	Requirements and Adjusting Procedures
155-612-801	2	Replacement Parts and Procedures

155-614 KS-5668-02 and KS-15834 Motor-Generators

Addendum	1	
155-614-701	3	Requirements and Adjusting Procedures
155-614-801	2	Replacement Parts and Procedures

155-625 KS-15839 and KS-15842 Motor-Generators

Addendum	1	
155-625-701	4	Requirements and Adjusting Procedures
155-625-801	1	Replacement Parts and Procedures

155-650 Multi-Frequency Motor-Generator Sets

155-650-701	2	Requirements and Adjusting Procedures
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155-651-701 Multi-Frequency Motor Generator Sets With Vacuum Tube Speed Regulator

155-651-701	1	Requirements and Adjusting Procedures
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Division 157**Batteries****157-0 Index, Equipment Test Lists, and General Battery Equipment****-000 Index****-001 Equipment Tests Lists****-005 Battery Distribution Fuse Bays (BDFB)****-099 Customer Information Release (CIR)****157-2 Air Cells****157-3 Countercells****157-4 Dry Cells and Dry Batteries (Including Battery Boxes)****157-6 Storage Batteries****157-9 Storage Batteries — Condensed Sections for Small Installations**

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157-000-000	77	Numerical Index — Division 157 — Batteries (5-95)
157-001 Equipment Test Lists		
■ 157-001-011	10	Central Office Lead Batteries — Power Systems
157-001-012	9	General Batteries — Power Systems
157-005 Battery Distribution Fuse Bays (BDFB)		
157-005-100	1	LINEAGE® 2000 Battery Distribution Fuse Bay (BDFB) Product Manual (J85568C-1)
157-005-101	1	LINEAGE 2000 Battery Distribution Fuse Bay Eight-Load (BDFB) Product Manual (J85568D-1)
157-005-102	1	LINEAGE 2000 Battery Distribution Fuse Bay (mini-BDFB) Product Manual (J85568E-1)

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157-010 Battery Monitoring Equipment

157-010-100	2	LINEAGE 2000 Intelligent Reserve Unit (IRU) Product Manual
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157-099 Customer Information Release (CIR)

157-099-003MG	1	LINEAGE® 2000 Round Cell Battery — New Storage Procedure (3-92)
157-099-004MG	1	LINEAGE 2000 Round Cell Battery — Float Behavior of Cells With New Plastic Separator (3-92)

157-2 Air Cells

157-221-101	2	KS-7777, KS-7778, and KS-15760 — Description
157-221-501	3	KS-7777, KS-7778, KS-15760 — Tests and Inspections

157-3 Countercells

157-321-101	4	Alkaline — Description
157-321-701	13	Alkaline — Requirements and Procedures
157-322-701	4	Countercells — Semiconductor Type — Requirements and Adjusting Procedures

157-4 Dry Cells and Dry Batteries (Including Battery Boxes)

157-421-101	8	Description
157-421-201	1	Installation
157-421-501	7	Tests and Inspections

157-6 Storage Batteries

Common Addendum		
157-601-101	7	Lead-Acid Type — Theory and Definitions
157-601-201	20	Lead-Acid Enclosed-Type — Installation
157-601-301	10	Lead-Acid Type — Continuous Float Operation

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157-601-302	4	Storage Batteries — Cycle Charge — Manual Operation
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■ 157-601-303	1	Lead-Acid Type — Continuous Variable Current Charge Operation
157-601-304	3	Lead-Acid Type — Continuous Variable Current Charge Operation Based on Water Loss
157-601-305	1	Lead-Acid Type — Voltage Relay 2-Rate Charge Operation
157-601-306	1	Lead-Acid Type — Voltage Relay Charge- Discharge Operation
157-601-307	2	Lead-Acid Type — Ampere-Hour Meter Charge-Discharge Operation
157-601-501	4	Lead-Acid Type — 10- or 15-Ampere- Hour — 45-Minute Discharge Capacity Test
157-601-502	4	Lead-Acid Type — 30- to 100-Ampere- Hour Capacities — Short Discharge Capacity Test
157-601-503	3	Operation of J87116A L1 — Manually Controlled Discharger for Discharge Capacity Test of 180 to 1680 Ampere- Hour Batteries
Addendum	1	
157-601-504	2	Discharger-Recharger — KS-20142 L1 (Lorain*) — Operating Methods
157-601-505	2	Discharger-Recharger — KS-20142 L1 (Fan-Tron) — Operating Methods
Addendum	2	
157-601-506	1	Discharger-Recharger — KS-20770 L1 (Lorain) — Operating Methods
■ Addendum	1	
157-601-701	19	Lead-Acid Type — Requirements and Procedures
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157-601-703	1	Lead-Acid Battery — Trouble Conditions (With Color Photos)

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Lead-Acid Open-Type		
157-620-101	3	Description
157-620-701	1	Open-Tank, Requirements and Procedures
157-620-801	2	Replacement Parts and Procedures

Lead-Acid Enclosed-Type

157-621-101	5	Design and Construction
157-621-801	4	Replacement Parts and Procedures

Lead-Acid Valve Regulated

157-622-010	7	LINEAGE® 2000 VR Series Battery Product Manual
157-622-020	4	LINEAGE 2000 IR Series Battery Product Manual

Sealed, Rechargeable Nickel-Cadmium Batteries

157-625-101	2	Description
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Cylindrical Lead Acid Cell

Addendum	1	
157-627-101	1	Storage Battery — KS-21906 Sealed, Rechargeable, Lead-Acid — Description, Installation, and Maintenance
157-629-700	1	LINEAGE Round Cell Battery — Product Manual
157-629-701	3	LINEAGE 2000 Round Cell — KS-20472 Lead-Acid Storage Battery — Description, Installation, and Maintenance
157-629-702	1	KS-20472 Battery Visual Inspection Procedure
Addendum	1	
157-629-703	1	KS-20472 Battery — Description, Installation, and Maintenance — High-Voltage Uninterruptible Power Supply (UPS) Application

Engine Starting Batteries

Addendum	1	
157-631-101	6	Nickel-Cadmium — Engine Starting and Control — Description, Requirements, and Procedures
Addendum	1	
157-633-101	2	Lead Acid — Engine Starting and Control — Description, Requirements, and Procedures

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Number	Issue	Subject
157-9 Storage Batteries — Condensed Sections for Small Installations		
157-900-301	2	Lead-Acid Type — Continuous Float Operation — (Condensed Section for 301)
157-900-701	3	Lead-Acid Type — Requirements — (Condensed Section for

Division 159**Engines and Engine Sets, Motors, Dynamotors, and Drives****159-0 Index and Equipment Test Lists****159-1 Engines and Engine Sets****159-4 Motors and Dynamotors****159-7 Drives**

Number	Issue	Subject
159-0 Index and Equipment Test Lists		
159-000 Index		
159-000-000	31	Numerical Index — Division 159 — Engines and Engine Sets, Motors, Dynamotors, and Drives
159-001 Equipment Test Lists		
159-001-011	6	Gasoline Engines — Power Systems
159-001-012	10	Motors — Power Systems
159-001-013	6	Drives — Power Systems
159-1 Engines and Engine Sets		
159-108-301	1	Gasoline Engines — Buffalo Type "ATT" — Operating Methods
159-108-701	3	Gasoline Engines — Buffalo Type "ATT" — Requirements and Adjusting Procedures
159-108-801	2	Gasoline Engines — Buffalo Type "ATT" — Replacement Parts and Procedures
159-110-101	1	Gasoline Engines — Types "ATT", "R" and "BA" — Description
159-110-301	3	Gasoline Engines — Buffalo Type "R" — Method of Operation
159-110-701	3	Gasoline Engines — Buffalo Type "R" — Requirements and Adjusting Procedures

Number	Issue	Subject
159-110-711	1	Gasoline Engine Radiator Units — Buffalo Type "R" — Requirements and Adjusting Procedures
159-110-801	2	Gasoline Engines — Buffalo Type "R" — Replacement Parts and Procedures
159-110-811	1	Gasoline Engine Radiator Units — Buffalo Type "R" — Replacement Parts and Procedures
159-115-301	3	High-Speed Gasoline Engines — HERCULES* Types — Manual Start — Operating Methods
159-115-701	3	High-Speed Gasoline Engines — HERCULES Types — Manual Start — Requirements and Adjusting Procedures
159-115-801	2	High-Speed Gasoline Engines — HERCULES Types — Replacement Parts and Procedures
159-150-701	3	Foos Horizontal Type "SE" Gas and Gasoline and Type "SEK" Kerosene and Distillate Engines — Requirements and Adjusting Procedures
159-151-301	1	Foos Type "T" Engines — KS-5014 and KS-5102 — Method of Operation
159-151-701	2	Gasoline Engines — Foos Type "T" — Requirements and Adjusting Procedures
159-155-701	1	White and Middletone Gas and Gasoline Engines — Requirements and Adjusting Procedures
159-180-301	4	KS-5525 Engine Sets — Gasoline — Automatic Operation — 5 and 6 KW DC and 12 KW AC — Operating Methods
159-180-701	5	KS-5525 Engine Sets — Gasoline — Automatic Operation — 5 and 6 KW DC and 12 KW AC — Requirements and Adjusting Procedures
159-180-801	2	KS-5525 Engine Sets — Gasoline — Automatic Operation — 5 and 6 KW DC and 12 KW AC — Replacement Parts and Procedures

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Number	Issue	Subject	Number	Issue	Subject
159-4 Motors and Dynamotors					
159-405-101	1	Motors — Direct Current — 1/4 Horsepower or Larger — Description	159-416-801	2	1/10 and 1/8 HP DC Motors — Replacement Parts and Procedures
159-405-301	1	Motor — Direct Current — 1/4 Horsepower or Larger — Operating Method	159-418-701	2	AC Unit Drive Motors — Panel Machine Switching Systems — Requirements and Adjusting Procedures
159-405-701	3	Motors — Direct Current — 1/4 Horsepower or Larger — Requirements and Adjusting Procedures	159-420-701	2	1/8 HP DC Drive Motors for Test Frames — Requirements and Adjusting Procedures
159-405-801	2	Motors — Direct Current — 1/4 Horsepower or Larger — Replacement Parts and Procedures	159-422-701	1	AC Power Failure Control Motor — Requirements and Adjusting Procedures
159-406-301	1	Induction Motors — Two and Three Phase — Operating Methods	159-422-801	1	AC Power Failure Control Motor — Replacement Parts and Procedures
159-406-701	4	Induction Motors — Two and Three Phase — Requirements and Adjusting Procedures	159-424-101	1	AC-DC Duplex Motors — Description
159-406-801	2	Induction Motors — Two or Three Phase — Replacement Parts and Procedures	159-424-701	5	AC-DC Duplex Motors — Requirements and Adjusting Procedures
159-408-701	2	1/30 H.P. — 110 Volt Dc Drive Motor for 5-D and 6-A Distributors — Requirements and Adjusting Procedures	Addendum	1	
159-408-801	2	1/30 H.P. — 110 Volt DC Drive Motor for 5-D and 6-A Distributors — Replacement Parts and Procedures	159-424-801	7	AC-DC Duplex Motors — Replacement Parts and Procedures
159-410-301	1	Synchronous Motors With Direct Connected Exciters — Per KS-5123 — Description and Operation	159-426-701	5	KS-5559 Gear Motor — Reversible AC Type — Requirements and Adjusting Procedures
159-410-701	2	Synchronous Motors — Requirements and Adjusting Procedures	159-426-801	2	KS-5559 Gear Motor — Reversible AC Type — Replacement Parts and Procedures
159-410-801	2	Synchronous Motors — Replacement Parts and Procedures	Addendum	1	
159-413-701	2	1/50 Horsepower Drive Motor Used With Distributors and 155 Type and Similar Interrupters — Requirements and Adjusting Procedures	159-428-701	2	KS-5748 Motor — Requirements and Adjusting Procedures
159-414-701	2	1/60 Horsepower Drive Motor — KS-5196 — Requirements and Adjusting Procedures	159-429-701	1	KS-5753 Motor — Requirements and Adjusting Procedures
159-416-701	2	1/10 and 1/8 HP DC Motors — Requirements and Adjusting Procedures	159-431-701	2	KS-5773 Motor — Requirements and Adjusting Procedures
			159-431-801	2	KS-5773 Motor — Replacement Parts and Procedures
			159-432-701	1	KS-5777 Motor and KS-5778 Speed Regulator — Requirements and Adjusting Procedures
			159-440-701	7	Output Motor Drive Unit — ED-40263-71, Groups 1, 2, and 3 — Requirements and Adjusting Procedures
			159-440-801	4	Output Motor Drive Unit — ED-40263-71, Groups 1, 2, and 3 — Piece-Part Data and Replacement Procedures

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159-442-801	2	Input Motor Drive Unit — ED-40027-01, G1 — Piece-Part Data and Replacement Procedures	Addendum	1	
159-443-701	6	Input Motor Drive Unit — ED-40218-70, Groups 1, 2, 3, and 4 and ED-40301-70, Group 1 — Requirements and Adjusting Procedures	159-720-801	4	Friction Roll Drives and Associated Brackets — Piece-Part Data and Replacement Procedures
159-443-801	6	Input Motor Drive Units — ED-40218-70, Groups 1, 2, 3, and 4 and ED-40301-70, Group 1 — Piece-Part Data and Replacement Procedures	159-720-811	2	Procedure for Installing Bushings in Friction Roll and Gear Reduction Drive Shafts
159-462-701	2	KS-15609 Motor — Requirements and Adjusting Procedures	159-720-812	2	Installing Stops on Gear Cases and Bearing Boxes of Friction Roll Drives
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159-464-701	1	KS-15780 Motor — Requirements and Adjusting Procedures	159-720-813	2	Modification of Friction Roll Drive Gear Case to Prevent Loss of Oil At Oil Guard
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159-490-801	1	KS-15632 Dynamotor — Piece-Part Data and Replacement Procedures	159-720-816	1	Friction Roll Drive Bearing Boxes — Procedure for Restoring Oil Closure Lip Clearance
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159-705-701	3	16-A — Requirements and Adjusting Procedures	159-725-701	3	Gear Reduction Drives, Horizontal Connecting Shafts, and Associated Bearings — Requirements and Adjusting Procedures
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Division 161

Speed Reduction Units, Converters, Inverters, Air Dryers, Compressors, Compressor-Dehydrators, Waveguide Dehydrators, Exhauster Sets, Fans, Tube Cooling Systems, Ventilating Equipment, Call Announcer Machines

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161-001-012	9	Dehydrators and Waveguide Pressure Systems — Power Systems
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161-2 Converters and Inverters

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161-200-302	1	DC-to-DC Converter — KS-21093 — Operating Methods
161-201-301	1	DC-to-AC Inverter J87415A Operating Methods
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161-203-702	2	KS-21354, L1 (J87429A and B) DC-to-AC Inverter — Requirements and Adjusting Procedures	161-234-702	1	KS-19952 Inverter Requirements and Adjusting Procedures
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161-205-701	5	Inverted Converters — Janette Manufacturing Company — Requirements and Adjusting Procedures	161-245-301	1	Inverter — J87266A — Operating Methods
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161-205-801	1	Inverted Converters — Janette Manufacturing Company — Replacement Parts and Procedures	161-245-311	1	Solid State Ringing Generator — J29361AA-1 — No. 3 and 5A Crossbar Operating Methods
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161-232-301	1	DC-to-AC Inverter — KS-19430 — Operating Methods	161-260-101	1	Regulated Tube Rectifier-Inverter, Phase Shift Control J86425A and Associated Power Control Panels J86425B and C — Description
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▲167-727-107	2	812A Ringing and Tone Plant — Maintenance	167-740-301	3	J86431 (110A) — 48 Volts — Operating Methods
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169-721-301	2	KS-19214 L3 and L6 — 48 Volts, 800 Amperes — Operating Methods

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169-721-311	1	KS-19214 — 48 Volts, 800 Amperes — Trouble Locating	169-730-301	3	KS-19790 L11 and L12 — 48 Volts, 800 Amperes — Operating Methods
169-721-312	3	KS-19214 L11 and L12 — 48 Volts, 800 Amperes — Operating Methods	169-730-302	3	KS-19791 L11 and L12 — 48 Volts, 800 Amperes — Operating Methods
Addendum	2		169-730-311	1	KS-19790 — 48 Volts, 800 Amperes — Trouble Locating
169-722-301	5	KS-19215 L1 and L2 — 48 Volts, 1600 Amperes — Operating Methods	169-730-312	2	KS-19791 L11 and L12 — 48 Volts, 800 Amperes — Trouble Locating
Addendum	3		169-730-701	1	KS-19790 and KS-20039 — L11 and L12 — DC Output (S3) Switch — Tests, Inspections, Cleaning, and Adjustments
169-723-301	4	KS-19215 L3 and L4 — 48 Volts, 1600 Amperes — Operating Methods	169-730-702	2	KS-19791 L11 and L12 — 48-Volt — DC Output S2 Switch — Tests, Inspections, Cleaning, and Adjustments
169-723-311	1	KS-19215 — 48 Volts, 1600 Amperes — Trouble Locating	Addendum	2	
Addendum	2		169-731-301	2	KS-19792 L11 and L12 — 48 Volts, 1600 Amperes — Operating Methods
169-723-312	3	KS-19215 L11 and L12 — 48 Volts, 1600 Amperes — Operating Methods	169-731-302	3	KS-19793 L11 and L12 — 48 Volts, 1600 Amperes — Operating Methods
Addendum	1		169-731-311	2	KS-19792 L11 and L12 — 48 Volts, 1600 Amperes — Trouble Locating
169-724-301	3	KS-19216 L1 and L2 — 130 Volts, 300 Amperes — Operating Methods	Addendum	1	
169-724-311	1	KS-19216 L1 and L2 — 130 Volts, 300 Amperes — Trouble Locating	169-731-312	2	KS-19793 L11 and L12 — 48 Volts, 1600 Amperes — Trouble Locating
169-724-701	2	KS-19216 — 130-Volt — S6 Switch — Tests, Inspections, Cleaning, and Adjustments	169-731-701	2	KS-19792 48-Volt — KS-20040, 24-Volt — S1 and S2 Switches — Tests, Inspections, Cleaning, and Adjustments
169-726-301	2	KS-19356 L1 and L2 — 24 Volts, 1600 Amperes — Operating Methods	169-731-702	1	KS-19793 L11 and L12 — 48-Volt — S2 and S3 Switches — Tests, Inspections, Cleaning, and Adjustments
169-726-701	2	KS-19356 — 24 Volts — S1 Switch — Tests, Inspections, Cleaning, and Adjustments	169-732-301	1	KS-19700 L1 — 12-Volt, 400-Ampere — Operating Methods
Addendum	1		169-735-301	3	KS-20039 L11, L12, L23, and L24 — 24 Volts, 800 Amperes — Operating Methods
169-727-301	1	KS-19356 L3 and L4 — 24 Volts, 1600 Amperes — Operating Methods	169-735-311	1	KS-20039 — 24 Volts, 800 Amperes — Trouble Locating
169-727-311	1	KS-19356 — 24 Volts, 1600 Amperes — Trouble Locating	169-736-301	5	KS-20040 L11 and L12 — 24 Volts, 1600 Amperes — Operating Methods
169-727-312	3	KS-19356 L11 and L12 — 24 Volts, 1600 Amperes — Operating Methods			
169-728-301	3	KS-19424 L1, L2, and L3 — 12 Volts, 400 Amperes — Operating Methods			
169-729-301	2	KS-19412 (Test Voltage Supply) — Operating Methods			

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Addendum	2		169-745-311	2	KS-20493 L21 and L22 — -48 Volts, 100 Amperes — Lorain Products Corporation — Trouble-Locating Information
169-741-301	2	KS-20489 — 48 Volts, 400 Amperes — Operating Methods	169-745-312	2	KS-20493 L21 and L22 — 48 Volts, 100 Amperes — ITT-North Electric Company — Trouble-Locating
Addendum	1		169-746-301	1	KS-21113 L1 and L2 — Lorain Products Corporation — 152 Volts, 200 Amperes — Operating Methods
169-741-311	2	KS-20489 L11, L12, L21, and L22 — 48 Volts, 400 Amperes — Trouble Locating	Addendum	1	
169-741-701	2	KS-20489 — 48-Volt — S3 Switch — Tests, Inspections, Cleaning, and Adjustments	169-746-302	2	KS-21113 L1 and L2 — ITT-North Electric Company — 140 Volts, 200 Amperes — Operating Methods
169-742-301	2	KS-20490 L11, L12, and L22 — 48 Volts, 400 Amperes — Operating Methods	169-746-303	1	KS-21113 L1 and L2 — 140 Volts, 200 Amperes — Acme Electric Company — Operating Methods
169-742-311	2	KS-20490 — 48 Volts, 400 Amperes — Trouble-Locating	169-746-304	1	KS-21113 — Warren Communications Company — 140 Volts, 200 Amperes — Operating Methods
169-742-701	2	KS-20490 — DC Output (S1) Switch — Test, Inspection, Cleaning and Lubrication	169-746-305	1	KS-21113 L1 and L2 — ACME Electric Company — 140 Volts, 200 Amperes — Trouble Locating
169-743-301	5	KS-20491 L21, L22, L23, L24 — 24 Volts, 100 Amperes Lorain Products Corporation — Operating Methods	169-748-301	1	KS-21520 — 48 Volts, 400 Amperes — Lorain Products Corporation — Operating Methods
169-743-302	2	KS-20491 L21, L22, L23, and L24 — 24 Volts, 100 Amperes — ITT — North Electric Company — Operating Methods	Addendum	1	
169-743-311	2	KS-20491 L21, L22, L23, L24 (SD- 81997-01) — 24-Volt, 100 Ampere — Lorain Products Corporation — Trouble- Locating Information	169-748-302	1	KS-21520 — 48 Volts, 400 Amperes — Warren G-V Communications — Operating Methods
169-743-312	2	KS-20491 L21, L22, L23, and L24 — 24 Volts, 100 Amperes — ITT-North Electric Company — Trouble Locating Information	169-748-311	1	KS-21520 — 48 Volts, 400 Amperes — Lorain Products Corporation — Trouble Locating
169-743-313	1	KS-20491 L21, L22, L23, L24 (SD- 81997-02) 24 Volts, 100 Amperes — Lorain Products Corporation — Trouble- Locating Information	169-748-312	1	KS-21520 — 48 Volts, 400 Amperes — Warren G-V Communications — Trouble Locating
169-745-301	5	KS-20493 L21 and L22 — 48 Volts, 100 Amperes — Lorain Products — Operating Methods	169-748-501	1	KS-21520 — Lorain Products Corporation — Tests, Inspections, Cleaning, and Adjustments
169-745-302	3	KS-20493 L21 and L22 — 48 Volts, 100 Amperes — ITT-North Electric Company — Operating Methods	169-748-502	1	KS-21520 — Warren G-V Communications — Tests, Inspections, Cleaning, and Adjustments

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169-749-311	1	KS-21522 L11, L12, L21, and L22 — 48 Volts, 800 Amperes — ITT-North Electric Company — Trouble Locating	169-790-125	1	180-Ampere, 50-Hertz Ferroresonant Rectifier J87439B-1 — Product Manual
169-749-501	1	KS-21522 — ITT-North Electric Company — DC Output (S1) Switch — Tests, Inspections, Cleaning, and Adjustments	169-790-126	2	AT&T Lineage 2000 150-Ampere, -48 Volt SR Series Rectifier Product Manual J85702E-1 (CC107187411)
169-790 LINEAGE 2000			169-790-132	1	AT&T LINEAGE 2000 400-Ampere, 60-Hertz Ferroresonant Rectifier J85503C-3 Product Manual (6-94)
169-790-103	1	LINEAGE® 2000 — Microprocessor Controlled System Battery Plant — Description	LINEAGE 2000 (50Hz)		
▲169-790-104	1	LINEAGE 2000 Rectifiers (J87434A, J87435A, J87436A, J87437A, J87438A, and J87439A)	169-791-113	1	AT&T LINEAGE® 2000 400 Ampere, -48 Volt, 50 Hz Ferroresonant Rectifier Product Manual J85603C-2 (CC107100828)
▲169-790-106	3	LINEAGE 2000 Rectifiers (J85502A, J85502B, J85502C, J85503A, J85503B, and J85503C)			
▲169-790-108	1	LINEAGE 2000 — J85603C Rectifier			
169-790-113	8	LINEAGE 2000 400 Ampere Rectifier			
169-790-115	2	AT&T LINEAGE 2000 100-Ampere, +24-Volt SR Series Rectifier Product Manual (2-93)			
169-790-116	1	AT&T LINEAGE 2000 100-Ampere, -24-Volt SR Series Rectifier Product Manual (2-93)			
169-790-117	3	AT&T LINEAGE 2000 50-Ampere, -48-Volt SR Series Rectifier Product Manual			
169-790-119	1	AT&T LINEAGE 2000 100-Ampere Ferroresonant Rectifier (J85503A-1) (5-93)			
169-790-120	1	LINEAGE 2000 200-Ampere Ferroresonant Rectifier (J85503B-1) Product Manual (1-93)			
▲169-790-121	1	LINEAGE 2000 125-Ampere Ferroresonant Rectifier Product Manual			
169-790-122	1	AT&T LINEAGE 2000 25-Ampere Ferroresonant Rectifier J85502A-1 Product Manual			

Division 171

Power Circuits and Equipment

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- 179-1 General Signaling and Compatibility Considerations**
- 179-2 1600- or 2000-Cycle Single-Frequency Signaling Systems**
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- 179-4 2600-Hz Single-Frequency Signaling System G-Type**
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179-005-002	1	J99395AB 2-Wire 600-Ohm E&M Signaling Unit (SFEE600CAA)
179-005-003	1	J99395BA 4-Wire 600-Ohm E&M Signaling Unit (SF60B00BAA)
179-005-004	1	J99395BM 4-Wire Pulse Link Repeater (PLR) Unit (SFAXG3HCAA)
179-005-005	1	J99395DA 2-Wire 900-Ohm Loop Reverse Battery Unit (SFDOGOOBAA)
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179-005-010	1	J99395FB 4-Wire Ringdown Unit (SFRD110AAA)
179-005-011	1	J99395HA 4-Wire Duplex Signaling Unit (SFAX44HDAA)
179-005-012	1	J99395LA 2-Wire Special Access unit (SFXTA20CAA)
179-005-013	1	J99395LB 2-Wire Foreign Exchange, Gain Transfer Unit (SFXTV20EAA)
179-005-014	1	J99395LC Special Access Signaling Unit (SFXTC20-EAA)
179-005-015	1	J99395MA 4-Wire Transmission Only Unit (SFCTG30EAA)
179-005-016	1	J99395MB Transmission Only Bypass Unit (SFCTGOODAA)
179-005-017	1	J99395MC Transmission Only Bypass Unit (SFCTG30EAA)
179-005-018	1	J99395NA 2-Wire Transmission Only Bypass Unit (4T9F10HBAA)
179-005-019	1	J99395PA 4-Wire Extension Office End, Customer Line — Signaling Unit (SFXTA400AA)
179-005-020	1	J99395PD 4-Wire GS/LS Special Access Tandem Unit (SFXTTSOFAA)
179-005-021	1	J99395RA Special Signaling Unit (SFXSA40DAA)
179-005-022	1	J99395SA 2-Wire Special Access Unit (SFXSA20CAA)
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179-100-303	6	V4 Telephone Repeater — Signaling Compatibility	179-210-501	4	Overall Pulsing and Supervisory Tests Using No. 2A or 2B Signaling Test Set on E and M Leads
Addendum	2				
179-100-304	11	Signaling Compatibility — Type E Signaling System	179-215-301	4	Circuits SD-55954-01 and SD-55954-02 — Analysis and Clearance of Trouble
179-100-305	8	E-Type Repeater — Signaling Compatibility	179-215-501	4	Circuits SD-55954-01 and SD-55954-02 — Out-of-Service tests
179-100-306	7	F-Type Signaling System — FW_ Signaling Units — Signaling Compatibility	179-215-701	4	Circuits SD-55954-01 and SD-55954-02 — Requirements and Adjusting Procedures
Addendum	1				
179-100-307	3	T-Carrier System — D2 Channel Bank — Signaling Compatibility	179-217-301	2	Circuit SD-56202-01 — Analysis and Clearance of Trouble
179-100-308	4	Type F Signaling System — FU_ and Auxiliary Units — Signaling Compatibility	179-217-501	3	Circuit SD-56202-01 — Tests
179-100-309	4	DX Signaling Systems — Signaling Compatibility	179-217-701	2	Circuit SD-56202-01 — Requirements and Adjusting Procedures
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179-100-310	4	Digital Transmission Systems — D3 Channel Bank — Signaling Compatibility	179-3 2400- or 2600-Cycle Single-Frequency Signaling Systems		
179-100-311	2	Digital Transmission Systems — D4 Channel Bank — Signaling Compatibility	179-300-501	1	Signal Converter Circuit SD-5G149-01 — Tests
179-100-312	1	Type G Signaling System — Signaling Compatibility	179-301-301	1	Supply Circuits — Trouble Clearing Procedures
① 179-123-501	1	TASI Signal Converter Tests — Using TASI Signal Converter Selector Circuit — SD-56529-01	179-301-501	3	Supply Circuits — Tests
179-2 1600- or 2000-Cycle Single-Frequency Signaling Systems			Addendum	1	
179-201-101	1	Equipped With Signaling Circuit SD-56202-01 — General Description	179-302-501	4	Signaling Tests — Type E and F — Using 2B Signaling Test Set (J64730)
179-202-101	1	Equipped With Signaling Circuit SD-56202-01 — Detailed Circuit Operation	179-302-502	1	Signaling Tests — Type E and F — Using 4A Signaling Test Set (J94743)
179-205-301	2	Supply Circuit SD-55962-01 — Alarm Routine, Manual Transfer, and Trouble Clearing Procedures	179-303-301	3	Circuits — Analysis and Clearance of Trouble
179-205-501	4	Supply Circuit SD-55962-01 — Tests	179-305-501	5	2400- or 2600-Hertz Supply Circuit (SD-98092-01) 2000-Hertz Supply Circuit (SD-98081-01) — Load Transfer Circuit (SD-98091-01) — In-Service Tests
179-206-301	1	Supply Circuit SD-56239-01 — Trouble Clearing Procedures	179-306-101	1	Multichannel Tone Test Unit — SD-7C004-01 — Description
179-206-501	1	Supply Circuit SD-56239-01 — Tests	179-306-501	1	Multichannel Tone Test Unit — SD-7C004-01 — Tests
			179-310-501	1	Circuit SD-56202-02 — Tests
			179-310-701	1	Circuit SD-56202-02 — Requirements and Adjusting Procedures
			179-312-501	4	Circuit SD-56292-01 — Out-of-Service Tests Using Signaling Testing Circuit SD-56335-01

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179-312-502	3	Circuit SD-56292-01 — In Service Tests	179-320-503	1	2600-Hz E1C or E2C — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 4A Signaling Test Set SD-1C244-01 (J94743A)
179-313-101	1	E-Type — Test Extender SD-99384-01 — Description	179-322-501	1	2600-Cycle E1D — Out-of-Service Tests Using Testing Circuits SD-95874-01 and SD-57335-01
179-314-501	5	Types E1A, E1B, E2B, E3B, E4B, E1C, E2C, E3C, E4C, E5C, E1D, E2D, E3D, E4D, E5D, E1J, E1L, E2L, E1P, E1R, E1S, E2S, and E3S — In-Service Tests	Addendum	1	
179-315-501	4	E-Type Signaling Test Circuit — SD-96519-01 and SD-96519-02 — Tests	179-322-502	6	2600-Hz E1D, E2D, or E3D — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 2B Signaling Test Set J-64730B
Addendum	2		179-322-503	1	2600-Hz E1D, E2D, or E3D — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 4A Signaling Test Set SD-1C244-01 (J94743A)
179-316-501	3	2400- or 2600-Cycle E1B, E2B, or E3B — Out-of-Service Tests Using Testing Circuits SD-56335-01 and SD-95874-01	179-324-501	6	2600-Hertz E1E — (SD-98088-01 or SD-98088-02) — Out-of-Service Tests Using Testing Circuit — (SD-96519-01 or SD-96519-02)
Addendum	2		Addendum	1	
179-316-502	6	2400-Hz or 2600-Hz E1B, E2B, E3B, or E4B — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 2B Signaling Test Set J-64730B	179-324-502	3	2600-Cycle E1E — (SD-98088-01 or SD-98088-02) — In-Service Tests Using Testing and Monitoring Circuit — (SD-96519-01 or SD-96519-02)
179-316-503	2	2400- or 2600-Hz E1B, E2B, E3B, or E4B — Out-of-Service Test Using Testing Circuit SD-96519-01 or SD-96519-02 and 4A Signaling Test Set SD-1C244-01	179-326-501	5	2600-Cycle E1F — SD-98089-01 or SD-98089-02 — Out-of-Service Tests Using Testing Circuit — SD-96519-01 or SD-96519-02
179-318-501	1	2600-Cycle E1A — Out-of-Service Tests Using Testing Circuits SD-56335-01 and SD-95874-01	Addendum	1	
Addendum	1		179-326-502	3	2600-Cycle E1F — SD-98089-01 or SD-98089-02 — In-Service Tests Using Testing and Monitoring Circuit — SD-96519-01 or SD-96519-02
179-318-502	3	2600-Hz E1A — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 2B Signaling Test Set J-64730B	Addendum	1	
179-318-503	1	2600-Cycle E1A — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 4A Signaling Test Set (SD-1C244-01) J-94743	179-327-501	1	2600-Hz E1J Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 2B Signaling Test Set J-64730B
179-320-501	1	2600-Cycle E1C — Out-of-Service Tests Using Testing Circuits SD-95874-01 and SD-56335-01	179-327-502	1	2600-Cycle E1J — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 4A Signaling Test Set (J94743)
179-320-502	8	2600-Hz E1C or E2C — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02 and 2B Signaling Test Set J-64730B			

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179-328-501	6	2600-Hz E1L and E2L — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02	179-363-301	4	Adjustment Procedures for FUD Signaling Converter Unit
179-328-502	6	E1L-A and E2L-A Auxiliary Signaling Circuits — Out-of-Service Tests Using Testing Circuit — SD-96519-01 or SD-96519-02	179-364-101	5	E and M and Loop Auxiliary Units — Description — Type F Signaling System
179-330-501	6	2600-Hz E1S, E2S, and E3S — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02	179-365-101	7	Special Access Auxiliary Units — Description — Type F Signaling System
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179-330-502	3	E1S-A and E2S-A Auxiliary Signaling Circuits — Out-of-Service Tests Using Test Circuit — SD-96519-01 or SD-96519-02	179-366-101	5	Signaling Bypass Auxiliary Units — Description — Type F Signaling System
179-331-101	2	2600-Hz E1P — Description	Addendum	1	
179-332-101	2	2600-Hz E1R — Description	179-367-101	3	DX Auxiliary Units — Description — Type F Signaling System
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179-353-501	3	2600-Hz E3C, E4C, or E5C — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02	179-4 2600-Hz Single-Frequency Signaling System G-Type		
179-354-501	3	2600-Hz E4D E5D — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02	179-400-100	2	J99395 Common Systems — Description — Type G 2600-Hz Single Frequency Signaling
179-355-101	1	Carrier Group Alarm — Trunk Release and Make-Busy Circuit (SD-5G423-01) — General Description	179-401-100	1	G-Signaling Common Control Unit — J99395YA — Description
179-360-100	2	Type F Single Frequency Signaling System — General Description	Addendum	1	
179-360-101	1	Type F Signaling — 2600-Hz Tone Supply and Transfer — Circuit SD-1C224-01 — Description	179-405-100	2	J99395AA, AB, BA, and BM—E and M Lead Signaling Units — Description
179-360-501	3	2600-Hz Tone Supply and Transfer Circuit — Tests — Type F Signaling System	179-406-100	1	J99359CA and DA Loop Reverse Battery Signaling Units — Description
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179-361-101	3	Signaling Test Extender for Use With Type F Signaling Units — Description	179-407-101	1	J99395SA, SB, and RA Special Access Units — Description
179-362-101	3	2600 Hz FWA, FWB, and FWC SD-1C225-01 and SD-1C583-01 — Description	179-407-501	1	J99395LB, PA, RA, and SB Signaling Units With Equalization or Gain Transfer — Adjustment Procedures
179-363-101	3	Signaling Converter Units — Description — Type F Signaling System	Addendum	1	
			179-407-502	1	J99395LB,PA,RA, and SB Signaling Units — Prescription Settings for Precision Balance — Network and Equalizers
			179-408-100	1	J99395HA 4-Wire Duplex Signaling Unit — Description and Adjustment Procedure

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179-409-101	1	J99395EB and FB 20-Hz Ring-down Units — Description — Type G Signaling System	179-615-701	4	Dual Channel Receiver Circuit SD-95956-01 — (For Coin Control and Ringing Signal Detection) — Adjusting Procedure Using the 72A Frequency Meter SD-59373-01 (J64072A)
179-410-100	1	J99395MA, MB, MC, and NA Transmission Only Bypass Units — Description			
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179-411-100	1	J99395PD 4-Wire GS/LS Special Access Tandem Unit — Description			
179-6 Multifrequency			179-7 DC Signaling Systems		
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179-602-502	1	Multifrequency Current Supply and Distribution Circuit SD-95391-01 Without Transfer and Alarm Circuits — Tests	179-708-501	1	Intertoll Dialing — Type B, CX, DX, and SX Signaling Circuit — Overall Pulsing Tests — Using Pulse Repeating Test Set (SD-64540-01) on E and M Leads
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* PDP is registered trademark of Digital Equipment Corporation

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190-114-110	2	Description
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190-130-204	1	Customer Service Administrative Control Center (CSACC) — EPSCS Network Status System (CENSS)
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■ 190-135-005	5	BILLDATS II Collector — Customer Acceptance Guide (4-95)
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■ 190-135-104	3	BILLDATS II Collector/3000 Operation and Maintenance Manual	190-140 Frame Control Center — Frame Work Station		
■ 190-135-105	3	BILLDATS II Collector/3000 Optional Features	190-140-100	1	Organizational Guidelines and Responsibilities
■ 190-135-106	2	BILLDATS II Collector/3000 Customer Acceptance Guide	190-140-110	1	Operating Procedures
■ 190-135-107	1	BILLDATS II Collector/3000 Installation Guide	190-140-120	1	Implementation Guidelines
190-136 BILLDATS Common Equipment			190-141 CAROT-Digital (Centralized Automatic Reporting on Trunks-Digital)		
■ 190-136-100	2	CIU II User Guide	CAROT-Digital Generic 1		
■ 190-136-101	3	BILLDATS NSTE User's Guide	190-141-001	1	CAROT-Digital Generic 1 Controller User's Guide Note: This manual includes the binder and tabs for practices 190-141-010, 190-141-011, 190-141-012, 190-141-013, 190-141-014, 190-141-015, and 190-141-016
■ 190-136-120	1	BILLDATS Network Server for the BNS2000 Switch — User's and Administrator's Guide (2-94)	190-141-002	1	CAROT-Digital Generic 1 Remote User's Terminal Guide Note: This manual includes the binder and tabs for practices 190-141-020, 190-141-021 and 190-141-013
■ 190-136-121	1	BILLDATS Network Server for the BNS2000 Switch — Planning and Ordering Guide (1-94)			
■ 190-136-122	1	BILLDATS Network Server for the BNS2000 Switch — Hardware Installation Guide (2-94)			
■ 190-136-130	2	BILLDATS SW Data Processor (5-94)			
■ 190-136-131	1	BILLDATS Data Processor Disk Storage Binder (3-94)			
■ 190-136-140	1	BILLDATS Network Server for SMS User's Guide (Taiwan) (6-94)			

Number	Issue	Subject
190-141-003	1	CAROT-Digital Generic 1 Controller/Remote User's Terminal Guide Note: This manual includes the binder and tabs for practices 190-141-030, 190-141-031, 190-141-032, 190-141-033, 190-141-034, 190-141-035, 190-141-036, and 190-141-037
190-141-004	1	CAROT-Digital Generic 1 Remote-User Terminal Operating Instructions Pocket Guide (2-95)
190-141-005	1	CAROT-Digital Generic 1 Remote-User Terminal Operating Procedures (2-95)
190-141-006	1	CAROT-Digital Generic 1 Controller Release 1 Operating Procedures (4-95)
190-141-010	1	CAROT-Digital Generic 1 Controller User's Guide Introduction (2-95)
190-141-011	1	CAROT-Digital Generic 1 Controller Administration (2-95)
190-141-012	1	CAROT-Digital Generic 1 Data Base Administration (2-95)
190-141-013	1	CAROT-Digital Generic 1 Circuit Order Activity - Implementation and Description (2-95)
190-141-014	1	CAROT-Digital Generic 1 System Trouble-Locating Procedures (2-95)
190-141-015	1	CAROT-Digital Generic 1 System Recovery Strategy (2-95)
190-141-016	1	CAROT-Digital Generic 1 Console Output Message Manual (2-95)
190-141-020	1	CAROT-Digital Generic 1 Remote User's Terminal Guide Introduction (2-95)
190-141-021	1	CAROT-Digital Generic 1 Remote User Terminal Description and Operation (2-95)
190-141-030	1	CAROT-Digital Generic 1 Controller/Remote User's Terminal Guide Introduction (2-95)
190-141-031	1	CAROT-Digital Generic 1 General System Description (2-95)
190-141-032	1	CAROT-Digital Generic 1 SELEC Program (2-95)
190-141-033	1	CAROT-Digital Generic 1 Text Editor Program (2-95)

Number	Issue	Subject
190-141-034	1	CAROT-Digital Generic 1 Data Base Description and Transactions (2-95)
190-141-035	1	CAROT-Digital Generic 1 Analysis of Test Results (2-95)
190-141-036	1	CAROT-Digital Generic 1 Report Program Generator (2-95)
190-141-037	1	CAROT-Digital Generic 1 Conversion and Installation Guide (2-95)

190-2 Surveillance and Control Systems

190-200 TCAS (T Carrier Administration System)

Number	Issue	Subject
190-200-001	1	Organization and Responsibilities
190-200-002	1	Quality Review Plan
190-200-010	5	Overall System Description
190-200-025	1	Organization and Responsibilities
190-200-030	3	Maintenance Controller (MC) — General Operating Procedures
190-200-031	2	Maintenance Controller (MC) — Typical Trouble Handling Procedures
190-200-100	4	Central Equipment Description
190-200-101	5	Input Commands Description
190-200-102	5	Reports and Tasks Description
190-200-103	2	Facilities Maintenance and Administration Center-Metropolitan — Control Positions Description
190-200-300	7	Operating and Routine Maintenance Procedures
190-200-310	5	Data Base Controller Operations
190-200-311	2	Equipment and Facility Assignment Controller Procedures
190-200-312	2	Maintenance Control and Maintenance Alarm Control Positions — General Operating Procedures
190-200-313	2	Maintenance Control and Maintenance Alarm Control Positions — Typical Trouble-Handling Procedures
190-200-314	3	Supervisory Controller Procedures
190-200-500	4	Central Unit Test Procedures

Number	Issue	Subject
190-201 Alarm Centers		
190-201-010	1	Administration
190-202 FMAC (Facility Maintenance and Administration Center)		
190-202-004	1	Personnel Responsibilities
■ 190-202-010AC	1	FAMAS 2 Ticket Administration Procedures
190-202-041	1	Controlled Maintenance Plan — Operations Centers and Support Systems
190-202-061	1	Standard Alarm Name and Status Indication Abbreviations — Description
■ 190-202-061AC	2	Standard Alarm Name and Status Indication Abbreviations — Description
Addendum	1	
190-202-101	1	Organization, Responsibilities, and Objectives — Metropolitan
190-202-102	1	Operations Support Systems — Metropolitan
190-202-103	1	Planning and Implementation — Metropolitan
■ 190-202-110AC	1	Facility Network Control Plan — Description
190-202-201	1	Organization and Responsibilities
190-202-202	1	Operations Support Systems
190-202-203	1	Planning and Implementation
190-202-463	1	Alarm Surveillance Procedures and Responsibilities — Description
■ 190-202-510AC	1	Facility Technical Assistance Support Plan — Description — Facility Technical Assistance Group (FTAG)
190-202-760	1	73 Facility Provisioning Methods and Procedures
190-203 SFMAC (Satellite Facility Maintenance Administration Center)		
■ 190-203-101	1	MONARC (Monitor and Remote Control) User Manual

Number	Issue	Subject
190-205 SCOTS (Surveillance and Control of Transmission Systems)		
190-205-101	3	Transmission Maintenance System — General Description
190-205-102	3	Transmission Maintenance System — Central Terminal Description
190-205-103	2	Transmission Maintenance System — Remote Equipment Description
190-205-300	3	Central Terminal Operations
190-205-301	3	Data Base Planning
190-205-302	3	Data Base Management
190-205-303	3	Locally Defined Operations
190-205-500	2	System Maintenance
190-205-502	2	Remote Maintenance
■ Addendum AC	1	
■ 190-205-601AC	1	Generic 3 With Generic 4 Enhanced Operations — System Description and Operation
■ Addendum AC	1	
■ 190-205-602AC	1	Generic 3 With Generic 4 Enhanced Operations — Data Base and Program Implementation
■ Addendum AC	1	
■ 190-205-603AC	1	Generic 3 — Output Message Description
190-206 TMAS (Transport Maintenance and Administration System)		
■ 190-206-101	4	User Reference Manual
■ 190-206-103	4	Field User Reference Manual
■ 190-206-105	3	System Administrator and Maintenance Manual
■ 190-206-106	4	Data Base Administration and Operations Manual
■ 190-206-107	4	User Programmability and Report Generation Manual
■ 190-206-109	1	Output Message Manual
190-207 COMPULERT		
190-207-010	1	2CM3 Technical Description
190-207-100	1	System Administration Manual
190-207-110	1	Input/Output Messages
190-207-200	1	General Operations

Number	Issue	Subject	Number	Issue	Subject
190-207-210	1	User Guide	190-208-117	1	TRANSVU II Network Surveillance and Control System — User Programmability and Report Generation Manual Rel 3.0 and 3.1
190-208 TRANSVU Network Surveillance and Control Systems			■ 190-208-118	1	TRANSVU Network Surveillance and Control System — TNC User Reference Manual — Rel 3.0 and 3.1 (6-93)
TRANSVU II			■ 190-208-119	1	TRANSVU II Network Surveillance and Control System — Output Message Manual — Rel 3.0 and 3.1 (6-93)
190-208-020	1	System Planning and Implementation Guide	TRANSVU II Release 3.2		
■ Addendum	2		Addendum	1	
■ 190-208-101	2	User Reference Manual (4-93)	190-208-121	1	TRANSVU II User Reference Manual Network Surveillance and Control System 3.1.1 and 3.2
■ 190-208-103	2	Field User Reference Manual (5-93)	190-208-122	1	TRANSVU II Map Creation Guide Network Surveillance and Control System 3.1.1 and 3.2
■ Addendum	2		Addendum	1	
■ 190-208-105	3	Transvu II Network Surveillance and Control System — Administration and Maintenance Manual (4-93)	190-208-125	1	TRANSVU II Network Surveillance and Control System 3.2 — Administration and Maintenance Manual
Addendum	1		Addendum	1	
190-208-106	2	Data Base Administration and Operation Manual (4-93)	190-208-126	1	TRANSVU II Administration and Operation Manual Network Surveillance and Control System Database 3.1.1 and 3.2
■ 190-208-107	2	TRANSVU II Network Surveillance and Control System — User Programmability and Report Generation Manual	■ 190-208-127	1	TRANSVU II Network Surveillance and Control System R3.1.1 & R3.2 — User Programmability and Report Generation Manual (1-94)
■ 190-208-109	2	Output Message Manual (8-92)	■ 190-208-128	1	TRANSVU II Network Surveillance and Control System R3.1.1 & R3.2 — TNC User Reference Manual (1-94)
TRANSVU II Release 3.0/3.1			■ 190-208-129	1	TRANSVU II Network Surveillance and Control System R3.1.1 & R3.2 — Output Message Manual (1-94)
■ 190-208-111	1	TRANSVU II Network Surveillance and Control System — User Reference Manual Rel 3.0 and 3.1 (6-93)	TRANSVU-2000 Release 4.0-4.1		
190-208-112	1	TRANSVU Network Surveillance and Control System 3.0 and 3.1 MAP Creation Guide	■ 190-208-130	1	TRANSVU-2000 Network Surveillance and Control System — User Reference Manual Release 4.1 (10-94)
■ 190-208-113	1	TRANSVU II Network Surveillance and Control System — Field User Reference Manual — Rel 3.0 and 3.1 (6-93)			
■ 190-208-114	1	TRANSVU II Network Surveillance and Control System — System Administration and Maintenance Manual (Rel 3.1)			
190-208-115	1	TRANSVU II Network Surveillance and Control System — 3.0 and 3.1 System Administration and Maintenance Manual			
■ Addendum	2				
■ 190-208-116	1	TRANSVU II Network Surveillance and Control System — Database Administration (2-94)			

Number	Issue	Subject	Number	Issue	Subject
■ Addendum	1		190-209-010	2	Reference Guide
■ 190-208-131	1	TRANSVU-2000 Network Surveillance and Control System — User Reference Manual Releases 4.0-4.1	190-209-020	2	Central Processor Maintenance Guide
■ Addendum	1		190-209-021	2	Hub and Hub Expansion Unit Maintenance Guide
■ 190-208-132	1	TRANSVU-2000 Network Surveillance and Control System — Map Creation Manual Releases 4.0-4.1	190-209-022	2	Satellite Maintenance Guide
■ 190-208-133	1	TRANSVU-2000 Network Surveillance and Control System — Product Description Releases 4.0-4.1	190-209-023	2	Performance Monitor Maintenance Guide
■ 190-208-134	1	TRANSVU-2000 Network Surveillance and Control System — Map Creation Manual Release 4.1 (10-94)	190-209-024	1	Satellite 2 Maintenance Guide
■ Addendum	2		190-209-025	1	HUB Installation Guide
■ 190-208-135	1	TRANSVU-2000 Network Surveillance and Control System — System Administration and Maintenance Manual Releases 4.0-4.1	190-209-026	1	Satellite 2 Installation Guide
■ Addendum	1		190-209-027	1	Performance Monitor Installation Guide
■ 190-208-136	1	TRANSVU-2000 Network Surveillance and Control System — Database Administration and Operations Manual Releases 4.0-4.1	Addendum	1	
■ 190-208-137	1	TRANSVU-2000 Network Surveillance and Control System — User programmability and Report Generation Manual Releases 4.0-4.1	190-209-101	1	Administration and Operations Manual — 1.1 Documentation
■ 190-208-138	1	TRANSVU-2000 Network Surveillance and Control System — Database Administration and Operations Manual Release 4.1 (10-94)			
■ Addendum	1				
■ 190-208-139	1	TRANSVU-2000 Network Surveillance and Control System — Output Message Manual Releases 4.0-4.1			
190-209 ACORN® Network Control System			190-210 TASC (Telecommunications Alarm Surveillance and Control) System		
190-209-001	2	Administration and Operations Manual — 1.0.1 Documentation	Methods		
190-209-002	3	Maintenance Guide	❶ 190-210-020	2	Administrative Procedures
			(Alarm Reference Guide) — Network Maintenance Management		
			❶ 190-210-050	2	No. 5 Crossbar
			❶ 190-210-051	1	No. 1 Crossbar
			❶ 190-210-052	1	Crossbar Tandem
			❶ 190-210-053	1	Step-by-Step System — No. 1, 350A, 355A
			190-210-054	2	Building and Power — Step-by-Step and Crossbar Switching Systems
			Description, Operation, and Maintenance		
			190-210-101	3	System Description — Generic 1 and Generic 2
			190-210-102	3	Central Description — Generic 1
			190-210-103	3	Remote Equipment Description — Generic 1(G1) and Generic 2(G2)
			190-210-112	1	Control Terminal Description Generic 2
			190-210-300	3	Central Operations — Generic 1
			190-210-301	3	Data Base Planning for Generic 1 Using E2A SAC Remotes and CDO Satellite Units
			190-210-302	3	Data Base Operations — Generic 1

Number	Issue	Subject
190-210-303	3	Program Sequencer — Generic 1 and Generic 2
190-210-304	3	Generics 1 and 2 — Data Base Planning Using C1, E1, E2, and E2A APR Remotes
190-210-305	1	Application Program Operations Generics 1 and 2
190-210-310	1	Central Terminal Operations for Generic 2
190-210-311	1	Data Base Planning for Generic 2 Using E2A SAC Remotes and CDO Satellite Units
190-210-312	1	Data Base Operations — Generic 2
190-210-500	3	System Maintenance — Generics 1 and 2
190-210-600	1	System Description and Operations
190-210-601	1	Data Base and Program Implementation
190-210-602	1	Output Message Description

190-211 DACSCAN

■ 190-211-201	1	DACSCAN — 2000 Operation, Administration and Maintenance Guide
■ 190-211-203	1	DACSCAN — 2000 Controller
■ 190-211-205	1	User Guide — Controller Operations and Administration User Guide
■ 190-211-301	1	DACSCAN — 2000 User's Manual

190-215 TOPAS® (Testing Operation Provisioning Administration System)

■ 190-215-000AC	1	System Description/Engineering Guidelines/Administration Guidelines
■ 190-215-010	1	Network User's Guide
■ 190-215-011	1.3	Network 4.1 Release Notes
■ 190-215-101AC	2	System Administration and Operation System Description
■ 190-215-102AC	2	Network Testing and Maintenance — System Description
■ 190-215-103AC	2	Network Administration and Routing System Description
■ 190-215-111AC	2	TOPAS® User's Manual

■ 190-215-301AC	2	Network Testing and Maintenance Testing Procedures
■ 190-215-310AC	2	Network Administration and Routing Provisioning Procedures
■ 190-215-320AC	2	System Administration and Operation Administration Procedures
■ 190-215-321AC	2	Operational Maintenance Guide

190-216 CONNECTVU

■ 190-216-102	1	CONNECTVU — Provisioning Guide
■ 190-216-104	1	CONNECTVU — Operations Administration Guide
■ 190-216-106	1	CONNECTVU — UNIX User Administration Guide
■ 190-216-108	1	CONNECTVU Planning Guide
■ 190-216-115	1	CONNECTVU — UNIX Trunk Maintenance Guide

190-220 RMMS (Regional Maintenance Management System)

■ 190-220-000AC	1	System Documentation
■ 190-220-001AC	1	Facility Testing — User's Guide
■ 190-220-004AC	1	Application and Utility Programs — Description and Application
190-220-010	1	Carrier Transmission Maintenance System (CTMS)/Trunk and Facility Maintenance System (TFMS) — Administrative Methods and Procedures
■ 190-220-100AC	3	General Description
■ 190-220-101AC	3	Central Description
190-220-105	1	Carrier Transmission Maintenance System (CTMS)/Trunk and Facility Maintenance System (TFMS) — Routine Measurements
■ 190-220-300AC	2	General Operating Procedures
■ 190-220-301AC	3	Data Base Management
■ 190-220-500AC	3	Maintenance
■ 190-220-501AC	3	4M Multiplexor — Description, Operation, and Diagnostics
■ 190-220-550AC	3	General Administrative Procedures
■ 190-220-551AC	3	Routine Tests — Line and Multiplex Sections — Gain/Frequency Characteristics and Noise

Number	Issue	Subject	Number	Issue	Subject
■ Appendix 1AC	3	Routine Tests — Line and Multiplex Sections — Performance Indicate Calculations	190-4 Network Operations Systems		
■ 190-220-552AC	1	CPMP (Carrier Performance Measurement Program) — Description and Applications	190-401 NSC (Network Service Center)		
■ 190-220-572AC	2	Demand Measurements	190-401-000	3	Information Resources Index
190-3 Central Office Maintenance Management			■ 190-401-001AC	10	Network Administration and Routing — References
■ 190-304-103AC	2	Controlled Automated Maintenance Scheduling (CAMS) Field User's Guide—Overview and Tasks (Vol. 1)—Screen Descriptions (Vol. 2)	■ 190-401-002AC	1	Network Administration and Routing — Call Flows
■ 190-304-105AC	1	CAMS SME User Guide	■ 190-401-003AC	3	Network Administration and Routing — Routing Methods and Procedures
190-305 COMMS (Central Office Maintenance Management System) — Preventive Maintenance			■ 190-401-004AC	4	Network Administration and Routing — CNRDB/IRAS — Job Aid
190-305-101	3	Description	□■ 190-401-006AC	1	NSD (Network Services Division) — OSPS (Operator Service Position System) — Methods and Procedures
190-305-102	2	Coordinators Guidelines	■ 190-401-007AC	1	Network Administration and Routing — Domain Guide
190-305-301	2	Equipment Inventory	■ 190-401-011AC	2	Global Software Defined Network
190-305-302	3	Method of Handling Routine List, Scheduling Parameters, Local Routines & Local Equipment	■ 190-401-020AC	1	Digital Synchronous Network — Technical Description
190-305-303	2	Method of Handling Work Item List and PM Schedule	190-401-040	2	Description
190-305-304	1	Method of Handling Work Orders	NSCs for BOCs (Bell Operating Companies)		
190-305-305	1	Teletypewriter Operating Procedures	190-401-060	1	Management Guide
190-305-306	2	Method of Handling Administrative and Summary Reports	■ 190-401-060AC	1	AT&T Center Management Guide
190-305-307	2	Method of Updating	190-401-070	1	Operations Guide
190-306 SCANS (Software Change Administration and Notification System)			■ 190-401-070AC	1	AT&T Center Operations Guide
● 190-306-010	2	System Administration	190-401-091	1	Operational Review — Introduction
■ 190-306-100	2	High-Speed Terminal Interface	190-401-093	1	Operational Review — Organization Checklist
● 190-306-110	1	Overwrite Administration and Procedures In the Switching Control Center System — Description	190-401-095	1	Operational Review — Management Checklist
190-307 COER (Central Office Equipment Reports)			190-401-097	1	Operational Review — Operations Checklist
■ 190-307-010	1	COER Compute Server Feature Guide	190-401-099	1	Operational Review — Review Summary Checklist
			Administration, Operation, and Maintenance		
			190-401-100	1	Network Service Centers
			■ 190-401-101AC	1	Customer Trouble Report (CTR) — Analyzation and Trouble Clearing Procedures — Customer Trouble Report Center

Number	Issue	Subject
190-401-110	1	Network Task Force
■ 190-401-110AC	1	AT&T-C Long Distance Repair Service Center (LDRSC) — Functional Operation
190-401-111	1	FASTAR Platform Disaster Recovery
190-401-120	1	Area Network Service Center
■ 190-401-120AC	1	Customer Trouble Report Operations Support System (CTR OSS) — Description
■ Appendix 1AC	1	Customer Trouble Reporting Contact List
■ Appendix 2AC	1	IDDD Countries — Alphabetical by Country Code
■ Appendix 3AC	1	IDDD Countries — Numerical by Country Code
■ Appendix 4AC	1	User Messages — CTR OSS Log On Procedure
■ Appendix 5AC	1	CTR OSS Internal User Messages
190-401-130	1	Network Committee Organizations
190-401-140	1	Performance Measurement and Operational Review
190-401-150	10	Directory
190-401-230	1	Reorder Analysis
190-401-240	2	Call Disposition Data (Service Evaluation) — Operations Support Systems
190-401-241	1	SES 1A Interface With ATRS/NOTIS
190-401-250	1	Call Sampling and Hold and Trace Procedures
190-401-300	1	Equipment and Billing Accuracy Control (EBAC)
Addendum	1	
190-401-301	1	Administration Guide — Message Recording Trunk Trouble Analysis (MRTTA) System
190-401-320	2	Automated Trouble Reporting System (ATRS)
190-401-321	1	Central Unit — Operating Procedures — Automated Trouble Reporting System (ATRS)
190-401-322	1	Trouble Locating Procedures
190-401-330	1	Network Call Completion
190-401-340	1	Phase 1 — Description and Planning
190-401-352	1	Terminal Operations Guide — Mechanized Evaluation of Call Completion Anomalies (MECCA)

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NOTIS (Network Operations Trouble Information System)		
190-401-400	1	Trouble Reporting — Description and Procedures
190-401-405	1	Trouble Ticket — Description
190-401-415	1	Trouble Analysis — Introduction
190-401-420	1	Trouble Analysis — Computerized Operator Trouble Report Analysis
190-401-425	1	Trouble Analysis — Network Exception Reports
190-401-430	1	Trouble Analysis — Local Maintenance, Trend, and Special Study Reports
190-401-435	1	Trouble Analysis — Administrative Reports
190-401-440	1	Masterfile Maintenance — Introduction
190-401-445	1	Masterfile Maintenance — Switching Entity Definition (SED) Updates
190-401-450	1	Masterfile Maintenance — NPA-NXX Definition Updates
190-401-455	1	Masterfile Maintenance — Common Language Location Identification
190-401-460	1	Masterfile Maintenance — Routing Specification List (RSL) Updates
190-401-465	1	Masterfile Maintenance — Distribution Control File (DCF-1) Updates
190-401-470	1	Masterfile Maintenance — Multiple Destination Request (MDR) Updates
190-401-475	1	Masterfile Maintenance — Operator Trunk Group (OTG) Updates
190-401-480	1	Job Aid — Masterfile Maintenance
190-401-485	1	Job Aid — Masterfile Error Correction
190-401-490	1	Job Aid — Masterfile Printouts

190-402/403 LSU (Local Storage Unit) and CMDR (Centralized Message Detail Recorder)

94A Customer Premises System

▲ 190-402-000	3	Installation, Test and Maintenance
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190-402-100	3	94A LSU Descriptive Information	190-406-224	2	NTMOS System Administration
190-402-200	3	Identification and Preinstallation Information	190-406-225	2	NTMOS Display Users Guide
190-402-250	1	Local Storage Unit (LSU) — Maintenance Support	190-406-226	2	NTMOS Network Management Users Guide
93B Customer Premise System			190-406-227	2	NTMOS Page Users Guide
▲ 190-403-000	1	Installation, Test and Maintenance	190-406-228	2	NTMOS Commands/System Responses
190-403-100	3	CMDR Description Information 93B CPS	NMS (Network Traffic Management System) — Spain		
190-403-250	1	Maintenance Support	■ 190-406-230	1	System Description
190-404 Network Support — Electronic Tandem Network			■ 190-406-232	1	Record Base Administration
■ 190-404-110	1	Network Control Operations Support Systems (NCOSS)	■ 190-406-234	1	System Administration
190-406 NTMS (Network Traffic Management System)			■ 190-406-236	1	Network Management User's Guide
Netminder			■ 190-406-237	1	Page and Display User's Guide
■ 190-406-112	3	Record Base Administration Guide	■ 190-406-238	1	Commands and System Responses
■ 190-406-114	3	System Administration	NMS (Network Management System) — Italy		
■ 190-406-117	3	Page/Display Guide	190-406-240	2	System Description
■ 190-406-118	3	Commands/System Report	190-406-241	--	Complete Document Set
NMS (Network Management System) — Netherlands			190-406-242	2	Record Base Administration
■ 190-406-150	2	Netminder System Description	190-406-244	2	System Administration
■ 190-406-154	2	Netminder System Administration	190-406-246	2	Network Management Users Guide
■ 190-406-156	2	Netminder Network Management User's Guide	190-406-247	2	Page and Display User Manual
No. 2 Network Traffic Management Operation System			190-406-248	2	Commands and System Responses
190-406-211	--	NTMOS Complete Set	Reginal Network Management System (RNMS) Generic 4.0		
190-406-212	1.1	Record Base Administration Guide	190-406-300	1	System Description
190-406-214	1.1	System Administration Guide	190-406-302	1	Record Base Administration
■ 190-406-215	1.1	NTMOS Display User's Guide	190-406-303	1	Data Tables
190-406-216	1.1	Network Management User's Guide	190-406-304	1	System Administration Guide
190-406-217	1.1	Page Display User's Guide	190-406-306	1	Network Management User's Guide
190-406-218	1	Commands/System Responses	190-406-307	1	Page Display User's Guide
190-406-220	2	NTMOS System Description	190-406-308	1	Commands/System Responses
190-406-222	2	NTMOS Record Base Administration	190-406-309	1	Report Users Guide
			Reginal Network Management System (RNMS) Generic 5		
			190-406-310	1	System Description
			190-406-312	1	Record Base Administration
			190-406-313	1	Data Tables
			190-406-314	1	System Administration Guide

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190-406-316	1	Network Management User's Guide
190-406-317	1	Page Display User's Guide
190-406-318	1	Commands/System Responses
190-406-319	1	Report Users Guide

190-407 FASTAR (Fast Automatic Restoration)

■ 190-407-101AC	1	FASTAR RNC (Restoration Node Controller)/Element Management System Administration Manual
■ 190-407-102AC	1	FASTAR RNC (Restoration Node Controller)/Element Management System User Manual
■ 190-407-110	2	FASTAR — Operations and Maintenance Guide (OMG)
■ 190-407-111	1	FASTAR Platform Disaster Recovery Plan

190-408 MFOS (Multifunction Operations Systems)**MFOS Software Release 5.4 Documents**

■ 190-408-511	1	MFOS 5.4 SCS Software Installation
■ 190-408-512	1	MFOS 5.4 SCS Routine Maintenance
■ 190-408-513	1	MFOS 5.4 SCS Commands and Reports
■ 190-408-521	1	MFOS 5.4 SMS Subsystem Administration
■ 190-408-522	1	MFOS 5.4 SMS User Guide
■ 190-408-523	1	MFOS 5.4 SMS Commands and Reports
■ 190-408-524	1	MFOS 5.4 DCRS System Administration V1
■ 190-408-525	1	MFOS 5.4 DCRS User Guide V1
■ 190-408-526	1	MFOS 5.4 DCRS Commands and Reports
■ 190-408-531	1	MFOS 5.4 APS System Administration
■ 190-408-532	1	MFOS 5.4 APS User Guide
■ 190-408-533	1	MFOS 5.4 APS Commands and Reports
■ 190-408-541	1	MFOS 5.4 CCS System Administration
■ 190-408-543	1	MFOS 5.4 CCS User Guide
■ 190-408-561	1	MFOS 5.4 SDAS System Administration
■ 190-408-562	1	MFOS 5.4 SDAS User Guide

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■ 190-408-563	1	MFOS 5.4 SDAS Computer Maintenance
■ 190-408-564	1	MFOS 5.4 SDAS Commands and Reports

MFOS Software Release 6.1 Documents

■ 190-408-600	--	MFOS 6.1 Complete Document Set
■ 190-408-601	1	MFOS 6.1 SCS Functions — Overview and Reference
■ 190-408-605	1	MFOS 6.1 Installation Guide
■ 190-408-611	1	MFOS 6.1 SCS Software Installation — Operation and Maintenance Procedures
■ 190-408-612	2	MFOS 6.1 SCS Routine and Corrective Maintenance — Operation and Maintenance Procedures
■ 190-408-613	1	MFOS 6.1 SCS Commands and Reports
■ 190-408-621	1	MFOS 6.1 SMS Subsystem Administrator — Operation and Maintenance Procedures
■ 190-408-622	1	MFOS SMS User Guide — Operation and Maintenance Procedures
■ 190-408-623	1	MFOS SMS — Commands and Reports, Volumes 1 and 2
■ 190-408-625	1	MFOS 6.1 Multi-Tier System
■ 190-408-626	1	MFOS 6.1 DCRS Commands and Reports
■ 190-408-631	2	MFOS 6.1 APS Subsystem Administrator — Operation and Maintenance Procedures
■ 190-408-632	2	MFOS 6.1 APS User — Operation and Maintenance Procedures
■ 190-408-633	1	MFOS 6.1 APS — Commands and Reports
■ 190-408-641	1	MFOS CCS Subsystem Administrator and User — Operation and Maintenance Procedures
■ 190-408-643	1	MFOS CCS User — Operation and Maintenance Procedures
■ 190-408-651	1	MFOS 6.1 TFS Subsystem Administrator — Operation and Maintenance Procedures
■ 190-408-652	1	MFOS 6.1 TFS User — Operation and Maintenance Procedures

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■ 190-408-653	1	MFOS 6.1 TFS — Commands and Reports	■ 190-408-826	1	MFOS Configuration Management Output Manual
■ 190-408-661	1	MFOS 6.1 SDAS Subsystem Administrator — Operation and Maintenance Procedures	■ 190-408-831	1	MFOS - Getting Started (& Job Aids)
■ 190-408-662	1	MFOS 6.1 SDAS User Guide	■ 190-408-832	1	MFOS Configuration Management Autotranslation Reference
■ 190-408-663	1	MFOS 6.1 SDAS Computer Operator and Maintainer — Operation and Maintenance Procedures	■ 190-408-833	1	MFOS Software Installation Guide
■ 190-408-664	1	MFOS 6.1 SDAS Commands and Reports (2 Volumes)	190-410 NETSTAR		
■ 190-408-665	1	MFOS 6.1 SDAS Masks	■ 190-410-121	1	NETSTAR 3.4 Workstation Users Guide
■ 190-408-671	1	MFOS 6.1 TTS Subsystem Administrator and User — Operation and Maintenance Procedures	■ 190-410-123	1	NETSTAR 3.4 Console Users Guide
■ 190-408-681	2	MFOS 6.1 TNS Subsystem Administrator and User — Operation and Maintenance Procedures	■ 190-410-301	3	NETSTAR Workstation — User Guide V3 (Gen. 3.5)
■ 190-408-683	2	MFOS 6.1 TNS — Commands and Reports	■ 190-410-303	2	NETSTAR Console Users Guide V1
MFOS Software Release 7.2 Documents			■ 190-410-400	--	All NETSTAR 400 Series Documents
190-408-800	--	MFOS Release 7.2 Core Document Set (-801 thru -807, -809 & -831)	■ 190-410-410	--	NETSTAR Complete Set
■ 190-408-801	1	MFOS System Overview	■ 190-410-411	4	NETSTAR Workstation User Guide
■ 190-408-802	2	MFOS Administrator Tasks	■ 190-410-413	3	NETSTAR Console User Guide
■ 190-408-803	1	MFOS User Tasks	■ 190-410-500	--	All NETSTAR 400 Series Documents
■ 190-408-804	2	MFOS Administrator Reference	■ 190-410-510	--	NETSTAR Complete Set
■ 190-408-805	2	MFOS User Reference	■ 190-410-511	1	NETSTAR Workstation User Guide (Italcable Phase 2)
■ 190-408-806	2	MFOS Administrator Output Messages	■ 190-410-513	1	NETSTAR Console User Guide (Italcable Phase 2)
■ 190-408-807	2	MFOS User Output Messages	■ 190-410-601	2	NETSTAR Workstation User Guide (Korean)
■ 190-408-809	2	MFOS MML Input Manual	■ 190-410-603	2	NETSTAR Console User Guide (Korean)
190-408-820	--	SDAS Document Set (-821 thru -826 & -832)	■ 190-410-701	1	NETSTAR Workstation User Guide (Japan)
■ 190-408-821	1	MFOS Configuration Management Tasks for Administrators	■ 190-410-703	1	NETSTAR Console User Guide (Japan)
■ 190-408-822	1	MFOS Configuration Management Tasks for Users			
■ 190-408-823	1	MFOS Configuration Management Reference for Administrators			
■ 190-408-824	1	MFOS Configuration Management Reference for Users			
■ 190-408-825	1	MFOS Configuration Management Input Manual			

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190-411 IN-SMS (Intelligent Network - Service Management System)		
IN-SMS — Taiwan		
■ 190-411-101	2	IN-SMS Operations and Maintenance Guide - Taiwan
■ 190-411-102	2	IN-SMS Administrators Task Guide - Taiwan
■ 190-411-105	1	IN-SMS Instructor Guide — Phase 1 — Taiwan 5.0
IN-SMS — British Telecom		
■ 190-411-201	2	IN-SMS Operations and Maintenance Manual - British Telecom
■ 190-411-202	1	IN-SMS Workstation Users Guide - British Telecom
■ 190-411-203	1	IN-SMS Summary Workstation Users Guide - British Telecom
190-417 RAPID (Restoration And Provisioning Integrated Design)		
■ 190-417-100AC	2	Operation and Maintenance Manual (10/92)
■ 190-417-110AC	1	System Administration Manual (10/92)
■ 190-417-120AC	2	Database Administration Manual (10/92)
■ 190-417-130AC	2	User Reference Manual (10/92)
190-420 Event Tracking Systems — ESP, BEST, UNIWORLD		
ESP (Enhanced Services Platform)		
■ 190-420-101	2	ESP Call Receipt User's Guide (6-94)
■ 190-420-102	2	ESP Maintenance Guide (6-94)
■ 190-420-103	2	ESP Administrator's User's Guide (6-94)
■ 190-420-104	2	ESP Network Manager's User's Guide (6-94)
■ 190-420-120	1	CELB (Customer Electronic Bonding) User's Manual (7-94)
190-422 TNM (Total Network Management)		
Total Network Management (TNM) 2.3 Common		
■ 190-422-001	1	Installation Guide
■ 190-422-002	1	User Interface Guide

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■ 190-422-003	1	Common Platform Description
■ 190-422-004	1	User Programming Guide
■ 190-422-005	1	Open Programming Guide
■ 190-422-006	1	Programmer's Reference Guide
■ 190-422-007	1	Common Platform Input Messages
Total Network Management (TNM) 2.4 Common		
■Ⓢ190-422-008	1	TNM UNIX Tape
■Ⓢ190-422-009	1	TNM CD ROM
■Ⓢ190-422-010	1	TNM Comprehensive Index
■ 190-422-011	2	TNM Installation Guide V1
■Ⓢ190-422-012	2	TNM User Interface Guide
■Ⓢ190-422-013	2	Common Platform Description
■Ⓢ190-422-014	2	User Programming Guide
■Ⓢ190-422-015	2	Open Programming Guide
■Ⓢ190-422-016	2	Programmer's Reference Guide
■Ⓢ190-422-017	2	Common Platform Input Messages
■Ⓢ190-422-018	2	UDCI Application Guide
■Ⓢ190-422-019	1	Engineering Guidelines
■Ⓢ190-422-020	2	Syntax Quick Reference Guide
Total Network Management (TNM) 3.0 Common		
■Ⓢ190-422-028	1	TNM 3.0 Comprehensive Index
■Ⓢ190-422-029	1	TNM 3.0 Installation Guide
Total Network Management (TNM) Common Multimedia		
■Ⓢ190-422-041	2.4	TNM 2.4 IDS Version - UNIX System Tape
■Ⓢ190-422-042	2.4	TNM 2.4 IDS Version - DC-ROM
■Ⓢ190-422-043	3.0	TNM 3.0 IDS Version - UNIX System Tape
■Ⓢ190-422-044	3.0	TNM 3.0 IDS Version - DC-ROM
TNM Surveillance Module (TSM) 2.3		
■ 190-422-100	1	TSM (TNM Surveillance Module) User Guide
■ 190-422-101	1	TSM Administrator Guide
■ 190-422-102	1	TSM Description
■ 190-422-103	1	TSM Input Messages
■ 190-422-104	1	TSM Output Messages
■ 190-422-107	1	TSM Transition
TSM Application Guides 2.3		
■ 190-422-109	1	TSM Application Guide — Contains 1AEAPS, 1A ESS, 1 ESS, 2 ESS, 2B ESS, 2STP, and 3

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		ESS			TNM Integration Module (TIM) 2.4
■ 190-422-116	1	TSM Application Guide — Contains 4EAPS, 4ESS, 4ETOC, 5EMML, and 5EPDS	■ 190-422-210	1	TIM User Guide
■ 190-422-121	1	TSM Application Guide — Contains BILLDATS®, D5, DACS, DACS 2, DACS 3, DACS 4, DATAKIT®, DATAKIT II, DMS 10, and DMS 100	■ 190-422-211	1	TIM Administrator Guide
■ 190-422-131	1	TSM Application Guide — Contains GTD-5, NCP, NDB, PSS, SELF, and UDCI	■ 190-422-212	1	TIM Description
■ 190-422-141	1	SCCS 13.3.1 to TNM Generic 2 Data Base Upgrade Guide	■ 190-422-213	1	TIM Output Messages
		TNM Surveillance Module (TSM) 2.4			TNM Integration Module (TIM) 3.0
■ 190-422-142	2	SCCS 13.3.1 to TNM Generic 2 Data Base Upgrade Guide	■ 190-422-220	1	TIM User Guide
■ 190-422-150	2	TSM User Guide	■ 190-422-221	1	TIM Administrator Guide
■ 190-422-151	2	TSM Administration Guide	■ 190-422-222	1	TIM Description
■ 190-422-152	2	TSM Description	■ 190-422-223	1	TIM Output Messages
■ 190-422-153	2	TSM Input Messages	■ 190-422-224	1	TIM User Quick Reference
■ 190-422-154	2	TSM Output Messages	■ 190-422-225	1	TIM Administrator Quick Reference
190-422-155	2	TSM Administrator Quick Reference Guide	■ 190-422-226	1	TIM Transition Guide
190-422-156	1	TSM User Quick Reference Guide	■ 190-422-227	1	TIM 3.0 Engineering Guidelines
■ 190-422-157	2	TSM Transition Guide			TNM/TSM/TIM Feature Packages
		TNM Application Guides (TSM) 2.4	■ 190-422-300	1	TNMtran Feature Package
■ 190-422-161	1	Application Guides 1AEAPS, 1A ESS, 1 ESS, 2 ESS, 2B ESS, 2STP, 3 ESS	■ 190-422-301	1	SS7(DSC) Feature Package
■ 190-422-162	1	Application Guides 4EAPS, 4ESS, 4ETOC, 5EMML, 5EPDS	■ 190-422-302	1	SS7 Feature Package
■ 190-422-163	1	Application Guides BILLDATS, D5, DACS, DACS 2, DACS 3, DACS 4, DATAKIT, DATAKIT II, DMS 10, DMS 100	■ 190-422-303	1	NTMOS Host I/F Feature Package
■ 190-422-164	1	Application Guides GTD-5, NCP, NDB, PSS, SELF	■ 190-422-304	1	Event Correlation Ph. 1 Feature Package
		TNM Integration Module (TIM) 2.3	■ 190-422-309	1	4E 1B Automatic Scripts
■ 190-422-200	1	TIM User Guide			5XPRESS™ (TNM)
■ 190-422-201	1	TIM Administrator Guide	■ 190-422-322	1	5XPRESS (TNM) User Guide
■ 190-422-202	1	TIM Description	■ 190-422-323	1	5XPRESS Switch Maintenance Expert 2.3 — Administration Guide
■ 190-422-203	1	TIM Output Messages			TNM/TSM/TIM Feature Packages
			■ 190-422-330	1	TNMtran Feature Package Guide
			■ 190-422-331	1	Total Network Management (TNM) SS7 (DSC) Feature Package
			■ 190-422-332	1	Total Network Management (TNM) TNM Integration Module (TIM) SS7 Feature Package Guide
			■ 190-422-333	1	Total Network Management (TNM) NMI Feature Package Guide
			■ 190-422-334	1	Total Network Management (TNM) TIM Event Correlation Feature Package Guide

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■ 190-422-335	1	Total Network Management (TNM) TCM Feature Package Guide
■ 190-422-336	1	Total Network Management (TNM) 5ESS Switch Integrated Digital Carrier Unit (DCU) Feature Package Guide
■ 190-422-339	1	Total Network Management (TNM) NMA interface Feature Package Guide
■ 190-422-348	1	Total Network Management (TNM) FASS
■ 190-422-352	2	5EXPRESS Switch Maintenance User Guide
■ 190-422-353	2	5EXPRESS Switch Administrator User Guide
■ 190-422-362	1	TIM SS7 Feature Package Guide
■ 190-422-363	1	TNM NMI Feature Package Guide
■ 190-422-364	1	TIM Event Correlation Feature Package Guide
■ 190-422-366	1	TNM NMA Interface Feature Package Guide
■ 190-422-381	1	Generalized Reports Feature Package Guide

190-5 Engineering and Administration Systems

190-510 EADAS (Engineering and Administrative Data Acquisition System)

❶ 190-510-020	1	Pollable Data Terminal No. 2A (PDT-2A) — Data Collection Requirements
❶ 190-510-060	1	Load Measurement Facilities — General Description — Network Design
❶ 190-510-061	3	Determination of Quantities — Network Switching Engineering
❶ 190-510-062	2	Individual Circuit Usage Recording Subsystem
190-510-100	2	Description
190-510-200	2	Descriptive Supplement for Network Maintenance
190-510-202	1	Traffic Data Converter SD-3B213-01 — Description
190-510-203	1	Pollable Data Terminal No. 1A (PDT-1A) SD-3B232-01 — Description

Number	Issue	Subject
190-510-204	2	Central Unit — Operating Procedures
190-510-205	2	Central Unit — Trouble Sectionalizing

Traffic Data Converters

190-510-211	2	SD-3B213-01 — Remote Tests
190-510-212	2	SD-3B213-01 — Tests at Converter Location
Addendum	1	
190-510-213	2	SD-3B213-01 — Trouble-Locating Procedures
190-510-214	2	SD-3B213-01 — Connection Verification Tests — Using Input Pulser SD-3B221-01
190-510-215	2	SD-3B213-01 — Connection Verification Tests — Using Test Set SD-3B220-01
190-510-216	2	SD-3B213-01 and SD-95968-01 — Channel Definition and Validation
190-510-217	2	SD-3B213-01 Associated With Traffic Usage Recorder (TUR) SD-95738-01 Equipped With Individual Circuit Usage Recorder (ICUR) Through Tests From Central Control Unit (CCU)

Pollable Data Terminals — PDT-1A and PDT-2A

190-510-221	1	PDT-1A SD-3B232-01 — Remote Tests
190-510-222	1	PDT-1A SD-2B232-01 — Tests
190-510-223	1	PDT-1A SD-3B232-01 — Trouble Locating Procedures
190-510-225	1	PDT-2A With PDT-1A Output Format Used With EADAS — Description
190-510-226	1	PDT-2A Operation With EADAS — Tests and Trouble Locating Procedures

System Information (Generic, Definitions, Maintenance, and Messages)

❶ 190-510-406	1	Implementation — Coordination
❶ 190-510-410	1	Central Control Unit Operation
❶ 190-510-411	1	Load EADAS Generic — Position Practice
❶ 190-510-412	1	Supply, Modify, and Verify System Definitions — Position Practice

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① 190-510-413	1	Maintain Magnetic Tape for Downstream Processing — Position Practice
① 190-510-416	1	Dial Administrator Teletypewriter Operation
① 190-510-418	1	System Definitions
① 190-510-420	1	Surveillance Applications
① 190-510-440	1	Operational Maintenance
① 190-510-441	1	Operational Maintenance — System Messages Catalog

Training Manuals and Guides

① 190-510-470	1	Training Administration Guide
① 190-510-471	1	Instructor's Guide — Central Control Unit Management Training
① 190-510-472	1	Student Manual — Central Control Unit Management Training
① 190-510-473	1	Instructor's Guide — Central Control Unit Clerical Training
① 190-510-474	1	Student Manual — Central Control Unit Clerical Training
190-510-475	1	Dial Administrator's Student Manual
① 190-510-476	1	Dial Administrator's Training Monitor's Guide

Usage Recording

① 190-510-501	2	Individual Circuit Usage Recording - General Description — No. 1
① 190-510-504	1	Implementation — Job Ordering and Coordination — Individual Circuit Usage Recorder
① 190-510-520	1	System Definitions — Individual Circuit Usage Recorder

190-511 EADAS 1A (Engineering and Administrative Data Acquisition System — 1A)

① 190-511-060	2	Load Measurement Facilities — Description and Determination of Quantities — Network Switching Engineering — Operational Support Systems
190-511-100	1	Description
190-511-101	1	230A Repeater SD-5P001-01 — Description
190-511-201	1	Operating Procedures

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190-511-202	2	Trouble Sectionalizing

190-512 EADAS/NORGEN (Engineering and Administrative Data Acquisition System — Network Operations Report Generator)

① 190-512-000	1	General Description — Miscellaneous Systems
① 190-512-005	1	NORGEN — Record Base — Management and Administration — Miscellaneous Systems
① 190-512-010	1	NORGEN CCU Management and Administration — Miscellaneous Systems
① 190-512-015	1	Network Terminal Operations

Reports

① 190-512-020	3	1/1A ESS Switches — Description
① 190-512-021	3	1/1A ESS Switches — Record Base, Calculation and Report Cross-Reference
① 190-512-022	3	No. 2/2B ESS Switches — Description
① 190-512-023	3	2/2B ESS Switches — Record Base, Calculation, and Report Cross-Reference
① 190-512-030	3	Step-by-Step — Description
190-512-031	3	Step-by-Step — Record Base, Calculation, and Report Cross-Reference
① 190-512-032	3	Step-by-Step Pollable Data Terminal (PDT) — Description
① 190-512-033	3	Step-by-Step Pollable Data Terminal (PDT) — Record Base, Calculation, and Report Cross-Reference
① 190-512-034	4	No. 1 Crossbar — Description
① 190-512-035	4	No. 1 Crossbar — Record Base, Calculation, and Report Cross-Reference
① 190-512-036	3	Crossbar Tandem — Description
① 190-512-037	3	Crossbar Tandem — Record Base, Calculation, and Report Cross-Reference
① 190-512-038	4	No. 5 Crossbar
① 190-512-039	4	No. 5 Crossbar — Record Base, Calculations, and Report Cross-Reference

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❶ 190-512-040	3	Trunking — Description
❶ 190-512-041	3	Trunking — Record Base, Calculation, and Report Cross-Reference

190-514 SONDS (Small Office Network Data System) and PDT-2A (Pollable Data Terminal No. 2A)

❶ 190-514-020	1	PDT-2A — Data Collection Requirements
❶ 190-514-060	2	PDT-2A — Determination of Quantities
190-514-101	3	SONDS Using PDT-2A — Description and Operation
190-514-301	2	SONDS Using PDT-2A — Tests and Trouble Locating Procedures

190-519 NAC (Network Administration Center)

190-519-600	1	Center Evaluation — Premises Information System (PREMIS)
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190-520 COSMOS (Computer System for Main Frame Operations) — Network Administration

❶ 190-520-005	5	Operational Review — Procedures
190-520-006	1	Operational Review — Generic 9.0 Procedures
Addendum	1	
190-520-007	2	Dedicated Inside Plant (DIP) Administration — Guidelines
❶ 190-520-010	1	Overview and System Reports — Telephone Number Management
190-520-011	2	Telephone Number Aging — Telephone Number Management
❶ 190-520-013	2	Type and Status Changes — Telephone Number Management
❶ 190-520-014	1	Complex Service Order Assignment — No. 5XB and No. 5 ETS — Telephone Number Management
❶ 190-520-015	1	Complex Service Order Assignment — Step-by-Step Telephone Number Management
❶ 190-520-017	2	Text Editor (TED) — File Description, Administration, and Input Procedures for Complex Service Assignment (CSA) and Non-CSA Applications

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❶ 190-520-020	1	Miscellaneous Number Assignment — Telephone Number Management
190-520-021	2	COSMOS/PREMISES Information System (PREMIS) Interface — Telephone Number Management
❶ 190-520-030	1	Overview and System Reports — Line Equipment Management
❶ 190-520-032	1	Entity Loading — Line Equipment Management
190-520-034	1	Line Equipment Transfers — Line Equipment Management
❶ 190-520-035	1	Assignments — Complex Service Orders — Line Equipment Management
190-520-036	1	Class of Service Allocation — Line Equipment Management
190-520-037	1	Service Evaluation Assignment — Description
❶ 190-520-040	2	General Overview — Data Base Maintenance Procedures
❶ 190-520-041	2	Discrepancy Identification — Data Base Maintenance Procedures
❶ 190-520-042	3	Discrepancy Corrective Transactions — Data Base Maintenance Procedures
❶ 190-520-050	1	System Backup Procedures
❶ 190-520-051	2	Responsibilities for Area/Dial Transfers — Description
❶ 190-520-060	1	Centrex Management — Guidelines
190-520-100	2	System Description and Administration
190-520-220	1	Frame Management — Administrative Guidelines and Procedures

190-521 RMAS (Remote Memory Administration System) and RMAP (Remote Memory Administration Position)

190-521-101	1	RMAP — Description
190-521-200	2	RMAS — Description
190-521-201	1	RMAP — Operating Procedures
190-521-202	2	RMAP — Trouble Sectionalizing
Addendum	1	
190-521-203	1	RMAP — Acceptance Tests

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190-521-211	1	RMAS — Operating Procedures	❶ 190-540-421	3	Control Pages — Display System — Operations Support Systems
190-521-212	1	RMAS — Trouble Isolation and Recovery Procedures	❶ 190-540-422	3	Input and Monitor Pages — Cathode Ray Tube Display System — Description
190-521-213	1	RMAS — Acceptance Test Procedures	❶ 190-540-423	2	Exception Pages — Cathode Ray Tube Display System — Description
190-521-214	1	RMAS — Retrofit Procedures	❶ 190-540-424	3	Analysis Pages — CRT Display System — Description
190-523 SNC-2000 (Sub-Network Controller) CPro			❶ 190-540-425	1	Machine Data Pages — CRT Display System — General Description
190-523-101	2	CPro 2000 User's Guide (2-95)	❶ 190-540-426	1	No. 4XB Machine Data Summary — CRT Display Pages
190-540 EADAS/NM (Engineering and Administrative Data Acquisition System/Network Management)			❶ 190-540-427	1	4ESS Switch Machine Data Summary — CRT Display Pages
❶ 190-540-060	1	Network Management	190-540-429	1	No. 5 Crossbar Machine Data Summary — Cathode Ray Tube Display Pages Description
190-540-100	4	Description	190-540-430	1	No. 1 Crossbar Machine Data Summary — Cathode Ray Tube Display Page Description
190-540-200	2	Descriptive Supplement for Network Maintenance	190-540-431	1	Step-by-Step Machine Data Summary — Cathode Ray Tube Display Page Description
190-540-201	2	Central Unit — Maintenance Operation Procedures	❶ 190-540-432	2	1/1A ESS Switches Cathode Ray Tube (CRT) Display Page Description
190-540-202	1	Central Unit — Trouble Sectionalizing EADAS/NM	❶ 190-540-434	1	1 ESS Traffic Direction — CRT Display Page
190-540-203	2	Wall Display Board — Assignment Guidelines	❶ 190-540-437	3	Reroute Package — Description
190-540-204	1	Wall Display Board — Tests	❶ 190-540-470	1	Central Control Unit Operations — Training Administration Guide
190-540-205	2	Interfaces — Integration Procedures and Tests	190-540-471	1	Instructor Guide — Central Control Unit Clerical Training
❶ 190-540-401	1	System Description	❶ 190-540-472	1	Central Control Unit Operations Training
❶ 190-540-406	2	Network Exception Display Board	190-7 Integrated and Force Administration System		
❶ 190-540-408	1	Central Control Unit — Administrative Procedures — Operating Support Systems	190-701 IFFAS (Integrated Facilities and Force Administration System)		
❶ 190-540-409	2	Load Generic Program — Position Practice	190-701-100	1	Description and Operation
190-540-410	2	Load, Create, Install, and Back Up the Data Base — Position Practice	190-701-201	1	Trouble-Locating Procedures
❶ 190-540-411	2	General Central Control Unit (CCU) Operations — Position Guide			
❶ 190-540-414	3	Data Base Encoding Instructions			
❶ 190-540-415	2	Data Base — Office and Trunking File Construction			
❶ 190-540-418	3	General Description CRT Display System			
❶ 190-540-419	4	Trunk Group Pages — CRT Display System			
❶ 190-540-420	1	Display System — Machine Data Displays			

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191-100-010	1	Network Terminal Equipment Center — Advance Planning Guide
191-100-020	1	Network Terminal Equipment Center — Organization, Sizing and Staffing Guidelines

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Appendix 13	1	Manager's Clerk — Work Assignment List — Network Terminal Equipment Center (NTEC)

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Appendix 14	1	Screening and Routing Clerk — Work Assignment List — Network Terminal Equipment Center (NTEC)	191-100-610	1	Network Terminal Equipment Center — Performance Standards Plan — Description
Appendix 15	1	Recent Change Clerk — Work Assignment List — Network Terminal Equipment Center (NTEC)	Appendix 1	1	Network Terminal Equipment Center — Key Measurements — Description
191-100-300	1	Network Terminal Equipment Center — Operations Guides Description	Appendix 2	1	Network Terminal Equipment Center — Supporting Measurements — Description
191-100-301	1	Network Terminal Equipment Center — Operation Guides — Work Flows and Description	Appendix 3	1	Network Terminal Equipment Center — Reports Description
191-100-303	1	Network Terminal Equipment Center — Analysis of the NTEC Loading Effectiveness Report	Appendix 4	1	Network Terminal Equipment Center — Supporting Measurements With Mechanized Support — Description
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191-100-320	1	Network Terminal Equipment Center — Operations Guide — Transmission Work Group — Procedures	Appendix 6	1	Network Terminal Equipment Center — Measurement Control Procedures — Summary
191-100-370	1	Network Terminal Equipment Center — Operations Guide — Screening and Routing Clerk — Procedures	191-100-620	1	Network Terminal Equipment Center — Personnel Evaluation Guide
191-100-380	1	Network Terminal Equipment Center — Operations Guide — Work Coordinators Procedures	191-150/199 Central Office Operations		
191-100-400	1	Network Terminal Equipment Center/Frame Control Center — Interface Agreement Description	191-160 Electronic Systems Assistance Center (ESAC)		
191-100-410	1	Network Terminal Equipment Center (NTEC)/Facility Maintenance and Administration Center (FMAC) — Interface Agreement Description	❶ 191-160-300	1	Electronic Systems Assistance Center (ESAC) — Center Operations Guide — Administrative Procedures and Operational Guidelines — Stored Program Control Systems
191-100-420	1	Network Terminal Equipment Center/Switching Control Center — Interface Agreement Description	191-161 Automatic Message Accounting Control Center (AMACC)		
191-100-430	1	Network Terminal Equipment Center/Special Service Center (NTEC/SSC) — Interface Agreement Description	191-161-001	1	Automatic Message Accounting Control Center (AMACC) — Functional Description
191-100-440	1	Network Terminal Equipment Center/Distribution Services — Interface Agreement Description	191-170 Recent Change Memory Administration Center (RCMAC)		
191-100-600	1	Network Terminal Equipment Center — Center Evaluation Guide	191-170-000	3	Center Information Resources Index — Recent Change Memory Administration Center (RCMAC)
			191-170-005	1	Center Advance Planning — Guidelines — Recent Change Memory Administration Center (RCMAC)

Number	Issue	Subject
191-170-010	1	Center Transition Guide — Initial Tactical Planning — Recent Change Memory Administration Center (RCMAC)
191-170-015	1	Center Transition Guide — Planning and Implementation Guidelines — Remote Memory Administration System (RMAS)
191-170-100	1	Recent Change Memory Administration Center (RCMAC) — Description
191-170-105	1	Recent Change Memory Administration Center (RCMAC) — Description — Model Interdepartmental Agreements
Addendum	1	
191-170-200	1	Center Management Guide Overview — Recent Change Memory Administration Center (RCMAC)
191-170-300	1	Center Operations Guide — Recent Change Memory Administration Center (RCMAC)
191-170-400	1	Centrex Customer Change Feature — Operating Procedures
191-170-405	1	Computer System for Main Frame Operations (COSMOS) Dial Transfer Using COMM-STOR* Communications Storage Unit — Operating Procedures — Recent Change Memory Administration Center (RCMAC)

191-172 Work Management System (WMS)

■ Revision 2	9/94	
■ Revision 1	2/94	
■ 191-172-010	4	Work Management System User's Guide
■ 191-172-011	1	Work Management System Quick Reference Guide

191-3 Distribution Service Planning Center (DSPC)**191-350 Distribution Engineering**

191-350-000	1	Center Information Resources Index
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191-350-001	1	Center Transition Guide
191-350-100	1	Center Description
191-350-200	1	Center Management Guide
191-350-300	1	Center Operations Guide
191-350-500	1	Center Training Description

191-4 Distribution I&M

191-400-000	1	Installation Center — Center Information Resources Index
191-400-100	1	Installation Center — Center Description
191-400-200	2	Installation Center Management Guide
191-400-300	2	Installation Center Operation Guide
191-400-600	2	Installation Center — Center Evaluation Guide
191-405-600	1	Maintenance Center — Center Evaluation Guide
191-410-100	1	Combined Dispatch Administrative Center — Center Description

191-8 Public Services and ISO

191-825-000	1	Minicomputer Maintenance and Operations Center — Center Information Resources Index
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193-0 Index and General Information**193-000 Index**

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193-010 Software Development Tools

193-010-201	1.1	Display Construction Set (DCS)— User Manual— Introduction and Tutorial Generic 1.1
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Number	Issue	Subject
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193-010-202	1.1	Display Construction Set (DCS)— User Manual— Introduction and Tutorial Generic 1.1
193-010-203	1.1	Display Construction Set (DCS)— User Manual— Introduction and Tutorial Generic 1.1

193-1 Communications**193-101 Data Collection Services**

■ Addendum	1	
■ 193-101-100	2.0	Call Attempt Data Collect System R2.0 Data Collection and Distribution Systems — System Management Guide

193-102 AIMS (Advanced Interactive Maintenance System)

⊕193-102-101	1	AIMS Rel 1 (An AT&T Terminal Solution for the 4ESS™ Switch) User's Guide (With SW Diskett)
⊕193-102-102	1	AIMS Rel 2 User's Guide (With SW Diskett)
⊕193-102-103	1	AIMS Rel 2 User's Guide (with SW diskett to upgrade from Rel 1 to Rel 2)
⊕193-102-104	1	Hardware — AIMS System 7 Software Release 3 for 5ESS, 4ESS and 1A ESS Switches, and other 3B20D Applications — Software and User's Guide (3-95)
⊕193-102-105	1	Hardware — AIMS System 8 Software Upgrade for 4ESS and 1A ESS Switch Applications — Software and User's Guide, Release 2 Upgrade to Release 3 (3-95)
193-102-503	1	Hardware AIMS System 2
193-102-504	1	Hardware AIMS System 3
193-102-506	1	Hardware AIMS System 5
193-102-512	1	Hardware — AIMS System 9 Dedicated AIMS Terminal (3-95)
193-102-513	1	Hardware — AIMS System 10 Multimedia AIMS Terminal with Internal CD-ROM (3-95)
193-102-514	1	Hardware — AIMS System 11 Multimedia AIMS Terminal with External CD-ROM (3-95)

Number	Issue	Subject
193-102-515	1	Hardware — AIMS R3 System 12 Dedicated AIMS Terminal/Turnkey for 5ESS, 4ESS and 1A ESS Switches, and other 3B20D Applications (Includes 193-102-510 and 193- 102-512) (3-95)
193-102-516	1	Hardware — AIMS R3 System 13 Multimedia AIMS Terminal with Internal CD-ROM/Turnkey for 5ESS, 4ESS and 1A ESS Switches, and other 3B20D Ap- plications (Includes 193-102-510 and 193-102-513) (3-95)
193-102-517	1	Hardware — AIMS R3 System 14 Multimedia AIMS Terminal with External CD-ROM/Turnkey for 5ESS, 4ESS and 1A ESS Switches, and other 3B20D Ap- plications (Includes 193-102-510 and 193-102-514) (3-95)
193-102-525	1	AT&T 577 Printer
193-102-526	1	NCR Parallel Printer
193-102-527	1	Parallel to Serial Converter
193-102-529	1	Hardware AIMS HP Laserjet IV Printer, cable, shipping, and 1 year onsite warranty

193-110 Direct Services Dialing Assignment System (DSAS)

193-110-100	4	DSAS ENAC User's Guide (1-93)
193-110-101	4	DSAS Remote User's Guide (1- 93)
193-110-102	1	DSAS Administration Guide (1- 93)
193-110-103	4	DSAS Trainer's Guide (1-93)

193-2 Business and Industry

193-202 Banking/Investments

■ 193-202-100	3.0	AIM (AT&T Investment Modeling System) — PC User's Guide — 2.1 Version AT&T Investment Modeling Software for All Entities
193-202-103	1	AIM/UNIX®* — Release 1.0 User's guide — UNIX Version

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193-203 Finance		
■ 193-203-101	3	(FITS) Financial Information and Tracking System
■ 193-203-120	1	Budget Management Workbench (BMW) — Binder and Test)
■ 193-203-130	1	Financial Input System — User Guide
■ Addendum	3/95	
■ 193-203-131	1	Financial Input System — Error Guide
■ Addendum	3/95	
■ 193-203-132	10/92	Financial Input System — Techn- ical Guidelines
■ Addendum	1	
■ 193-203-135	1	AT&T Financial Input System (AFIS) Error Guide (6-93)
■ Addendum	3/95	
■ 193-203-136	5	FCE User Specifications
■ Revision 1	9/94	Recipients Update
■ 193-203-137	2/95	AT&T Financial Input System (AFIS) Appendix A ''

193-213 Quality

■ 193-213-030	1	Quality Software Base Training Program Package (4 documents below)
■ 193-213-031	1	Basic Statistics and Data Analysis
■ 193-213-032	1	Quality Excellence
■ 193-213-033	1	Quality Cost Concept
■ 193-213-034	1	Building In Quality Design Con- siderations
■ 193-213-035	1	Enhancing Your Set of Quality Tools (CQ1007)
■ 193-213-036	1	Controlling Electrostatic Discharge (MS3107)

193-221 Application Development Workgroup (ADP)/COBOL

193-221-100	1	ADW/COBOL— User Guide
193-221-101	1	ADW/COBOL— Server Guide

* UNIX is a registered trademark of Novell, Inc.

Number	Issue	Subject
193-280		DPIC (Distributed Product Inventory Control System)
Addendum	1	
193-280-110	2	DPICS — User's Guide

Division 195

Interactive Documentation

195-0 Index and General Information

195-9 Information Delivery System (IDS)

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195-000-000	1	
195-9 Information Delivery System (IDS)		
195-900 Information Delivery System (IDS)		
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195-900-002	6.0	AT&T Information Delivery System — Administrator Guide
195-900-003	6.0	AT&T Information Delivery System — Display Software Quick Reference
195-900-004	6.0	AT&T Information Delivery System — Authoring Software User Guide

Division 201**Central Offices Supplemental Information****201-0 Indexes and Equipment Test Lists**

-099 Customer Information Releases (CIRs)

201-1 Administrative Documents**201-2 Distributing Frames**

-206/219 Protectors and Associated Connectors

-220 Conventional Distributing Frames

-221 Modular Distributing Frames

-222 COSMIC® (Common Systems)

201-3 Civil Air Defense Warning Systems**201-5 Announcement Systems, Subscriber Services, Timing Circuits, Tone Supply Circuits**

-501 Subscriber Operated Time Announcement Service

-505 No. 1 and 1B Announcement Systems

-507 No. 3A Announcement Systems

-508/509 No. 4A, 6A, and 9A Announcement Systems

-511 No. 5A Announcement Systems

-513 No. 6A Announcement Systems

-515 No. 8A and 9A Announcement Systems

-517 No. 11A Announcement Systems

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-525 Announcement Administration Processor (AAP) for 4ESS™

-570/580 Timer and Tone Circuits

201-6 Alarm Systems and Order Wires, Miscellaneous Fuse Alarms, Emergency Line and Trunk Transfer Circuits, Alerting Systems, and Telemetry

-601 Emergency Alarm Circuits

-604 Fuse Alarms

-605 Major Audible Alarm

-607 Insulation Alarm Circuits

-610 Cable Pressure Telemetry

-611 Cable Gas Pressure Alarm Circuits

-612 CPMS (Cable Pressure Monitoring System)

-613 Cable Protection Alarm

-614/629 Alarm, Control and Distribution Circuits

-630/634 Alarm and Control System

-635/637 TD/TH Radio Relay System

-639 E1 Status Reporting and Control System

-640/642 Television, L4, and Local Order Circuits

-643 Status Assembling System

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201-7 Operator Training Equipment and Common Switchboard Sections**201-8 Common System Features and Circuits**

-819/844 Miscellaneous Circuits

-850 No. 1 Trunk Concentrator

201-9 Billing Systems

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-901 BDT (Billing Data Transmitter)

-902 CAMA-C (Centralized Automatic Message Accounting — Computerized)

-903 HOBIS/CCRS (Hotel Billing Information System/Centralized Credit Refund System)

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201-001-013	4	Alarms
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201-001-015	4	Dial Long Line Circuit
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201-001-018	5	PBX AIOD
201-001-020	7	Billing Systems
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201-001-022	2	Group Alternating System
201-001-023	2	Emergency Line Circuit
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201-020-003	1	Prevention of Service Interruptions Power Plant Bus Bar and Wiring General Equipment Requirements — Power Systems — Attachment Section
201-020-010	1	Prevention of Service Interruptions — Attachment WECO Handbook 0, Section 10
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201-020-012	1	Prevention of Service Interruptions — Attachment WECO Handbook 0, Section 12
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201-020-014	1	Prevention of Service Interruptions — Attachment WECO Handbook 0, Section 14
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201-020-025	1	Transition Method of Procedure — Attachment WECO Handbook 22, Section 40
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201-020-052	1	WATS Billing Quality Measurement Plan — Network Operations Methods — Common Methods
Addendum	1	
201-020-510	1	Controlled Maintenance Plan for Switching Systems — General
201-020-511	1	Central Office and Switching Control — Center Operational Reviews — General — Network Operations Methods
201-021-001	1	Heat Stress Tests — Description and Methods — Stored Program Controlled Systems (SPCS)

201-099 Customer Information Releases (CIRs)

201-099-002TD	3	AT&T BILLDATS® Collector, Operations Systems
201-099-020NP	2	ARU (Alarm Relay Unit)
201-099-023TD	1	COSMIC® Distributing Frame Systems — Enhancements and Growth Methods
201-099-024TD	1	800 PGY and 800 ("Blue") Cord — 800 RGY and 800 RHY ("Orange") Cord — Distributing Frame Systems

201-1 Administrative Documents

201-102-001	5	Dial Central Office Service Index Plan — General
201-102-002	4	Dial Central Office Service Index Plan — Tables
201-110-001	1	Central Office Work Scheduling
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201-2 Distributing Frames

201-200-001	3	Distributing Frames and Associated Equipment Alphabetical Index
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Addendum	1		201-207-101	2	300-Type Connectors and Associated Protectors — Description
201-200-005	2	Frame Performance Measurement Plan	201-207-102	2	Cords, Plugs, and C Test Connector Used With 300-Type Connectors and 121-Type Protectors — Description — Conventional Main Distributing Frames
Addendum	1		201-207-301	1	300-Type Connectors and Associated Protectors — Maintaining Protectors
201-200-010	3	Frame Force Management	201-207-801	2	300-Type Connectors and Associated Protectors and 121-Type Protectors — Repair Procedures
201-200-012	1	Conventional Distributing Frame — Frame Rehabilitation Guide	201-208-100	5	Plug-In Protector Units (3-, 4-, and 7-Type) (5-93)
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201-200-013	2	Controlled Maintenance Plan — Description	201-208-106	4	303-, 305-, 309-, and 310-Type Connectors — Associated Cords, Plugs, and Test Connectors — Description — Conventional Distributing Frames
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201-200-014	2	Frameworker Performance Plan	201-208-107	1	302-Type Connectors — Description, Use, Installation, and Repair Procedures
201-200-015	3	Operational Review	Addendum	1	
Addendum	1		201-208-108	1	303-Type Connectors — Description, Use, Installation, and Repair Procedures
201-200-050	5	AT&T Network System Distributing Frame Systems Product Manual DFSPM (1-94) Note: Available on CD-ROM	Addendum	1	
Revision 1	2/93		201-208-109	1	305-Type Connectors — Description, Use, Installation, and Repair Procedures
Addendum	1		Addendum	1	
201-200-060	1	Distributing Frame Systems Practices	201-208-110	5	307-Type Connectors — Description
201-200-101	1	Incoming and Outgoing Trunk Distribution Centers in the No. 4A Toll Switching System — Description	Addendum	1	
201-206/219 Protectors and Associated Connectors			201-208-111	1	308-Type Connectors — Description, Use, Installation, and Repair Procedures
Addendum	1		Addendum	1	
201-206-050	1	Cable Terminating Apparatus, Selection, Distributing, and Protector Frames	201-208-112	1	309-Type Connectors — Description, Use, Installation, and Repair Procedures
201-206-101	2	C-, E-, and Similar Type Protectors Including 444-Type Jacks (301-Type Connector) — Description			
201-206-102	1	C-, E-, and Similar Type Protectors Including 444-Type Jacks (301-Type Connector) Associated Cords and Plugs			
201-206-301	1	C-, E-, and Similar Type Protectors — Maintaining Protectors			
201-206-501	2	Protectors and Protector Mountings — C-, E- and Similar Type — Heat Coil and Protector Spring Contact Tests			

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201-208-113	2	310- and 310M-Type Connectors — Description, Use, Installation, and Repair Procedures
201-208-114	2	311/311L-Type Connectors — Description, Use, Installation, and Repair Procedures
Addendum	1	
201-208-115	1	410- and 410M-Type Unprotected Connectors — Description, Use, Installation, and Repair Procedures
Addendum	2	
201-208-116	1	407-Type Unprotected Connectors, Description, Use, Installation, and Repair Procedures
201-208-803	1	KS-20100, L2 Test Set — Piece Part Replacement
201-210-101	1	Wideband Distributing Frame — Picturephone® Central Office — General Description
201-211-101	2	Central Office Terminating Unit for Integrated Protection System — Description, Installation, and Maintenance
201-215-501	2	2A Range Extender — Miscellaneous Tests
201-216-101	1	Miniature Test/Talk System — Description — Distributing and Protector Frames
201-216-102	1	Cords and Plugs — Description — Miniature Test/Talk System
201-216-801	2	Miniature Test/Talk System — Piece Parts and Replacement Procedures — Distributing and Protector Frames
201-217-101	2	2000A/V ComPanel Description, Installation, and Operation
201-219-101	1	Protector Frames — Description
201-219-501	1	Protector Frames — Inspections

201-220 Conventional Distributing Frames

201-220-101	5	Description
201-220-102	4	Types of Protection on A-Type Frames
201-220-103	5	Types of Protection — Description — B-Type Double-Sided Protector Frames
201-220-105	1	Terminal Strips — Description
201-220-301	4	Terminal Strips — Method of Making Connections

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201-220-302	2	93-Type Connecting Blocks — Description, Methods of Cross-Connecting, and Repair Procedures
Addendum	1	
201-220-303	4	89-Type Connecting Blocks — Description, Method of Cross-Connecting, and Repair Procedures
201-220-501	2	Inspections
201-220-801	2	Terminal Strips — Repair Procedures

201-221 Modular Distributing Frames

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201-221-102	3	Types of Protection — 1 and 2 ESS Switches
201-221-103	2	ESS-Type Warning Markers and Guards
201-221-105	2	ESS-Type Connecting Blocks — Description — 1 and 2 ESS Switches
201-221-301	2	Method of Crossing-Connecting — 66G-, 66H-, 78A1, and 78B1-Type Connecting Blocks — 1 and 2 ESS Switches
201-221-501	2	Inspections — 1 and 2 ESS Switches
201-221-801	2	66- and 78-Type Connecting Blocks — Replacement Procedures — 1 and 2 ESS Switches

201-222 COSMIC® (Common Systems Main Inter Connecting) Distributing Frame System

201-222-050	1	Planning, Engineering, Installation, and Operation — System Reference Guide
Addendum	1	
201-222-105	3	78C- and 112-Type Connecting Blocks — Description — COSMIC II Main Distributing Frame System
201-222-120	3	COSMIC II Mini Combined Distributing Frame — Description
201-222-301	4	Connecting Blocks — Method of Making Connections — COSMIC I Subscriber Main Distributing Frame System

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201-222-501	2	COSMIC I — Main Distributing Frame System — Inspections	201-501-501	1	Control and Distributing Circuit — Tests
DC Power Distribution			201-501-502	1	Announcement Trunk Circuits — Tests
201-224-100	2	J86334A DC Power Distributing Frame — Operating Methods	201-505 No. 1 and 1B Announcement Systems		
201-224-101	3	J86334B, J86334C, and J86334D — DC Power Distributing Frames — Description and Operation	201-505-101	1	No. 1 and 1B — Time of Day Service — Description
201-3 Civil Air Defense Warning Systems			201-505-301	1	No. 1 and 1B — Time of Day Service — Method of Tracing Alarms
201-301-301	2	SD-95332-01 — Procedures in Case of Alarm	201-505-302	1	No. 1 and 1B — Time of Day Service — Method of Taking Equipment Out of Service
201-301-501	2	SD-95332-01 — Tests	201-505-501	2	No. 1 and 1B — Time of Day Service — Desk Circuits — Tests
201-302-501	9	Dial Pulse Receiving and Control Circuit SD-95685-01 — Maximum Five Lines and Public Signal Control Circuit SD- 95688-01 — Tests	201-505-502	4	No. 1 and 1B — Time of Day Service — Incoming Distributing Circuits — Tests
201-303-501	7	Dial Pulse Receiving and Control Circuit SD-95743-01 — Maximum Eight Lines and Public Signal Control Circuit SD- 95688-01 — Tests	201-505-503	1	No. 1 and 1B — Time of Day Service — Outgoing Distributing Circuits — Tests
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201-304-501	9	Dial Pulse Receiving and Code Distributing Circuit SD-95678-01 — Maximum 200 Lines and Public Signal Control Circuit SD- 95688-01 — Tests	201-507 No. 3A Announcement Systems		
201-305-501	1	System Dialing and Pulsing Tests —Branch Circuit Dialing Test	201-507-501	1	No. 3A — Control, Volume Limit Indicator and Tape Amplifier Circuits — Tests
201-306-501	2	Two-Way Signaling Repeaters — Tests	201-507-502	1	No. 3A — Control Circuit — Subcenter — Tests
201-307-501	4	Station Line Test Using Test Circuit SD- 95746-01	201-507-503	1	No. 3A — Trunk Circuits and Associated Distributing Circuits — Tests
201-5 Announcement Systems, Subscriber Services, Timing Circuits, Tone Supply Circuits			201-508/509 No. 4A, 6A, and 9A Announcement Systems		
201-500-001	1	Interdivisional Alphanumeric Index — Announcement Systems and Related Equipment	201-508-501	2	No. 4A, 6A, and 9A —Subcenter — Distributing and Alarm Circuits — Tests
			201-509-501	2	No. 4A — Distributing and Alarm Circuits — Tests — Common Systems
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201-511 No. 5A Announcement Systems		
201-511-101	1	No. 5A — General Description
201-511-301	1	No. 5A — Operation
201-511-501	4	No. 5A — Tests
201-513 No. 6A Announcement Systems		
201-513-501	4	No. 6A Machine Intercepting Control Circuit — Tests
201-513-502	1	No. 6A — Machine Intercepting — Distributing and Alarm Circuit — Tests
201-515 No. 8A and 9A Announcement Systems		
201-515-501	2	No. 8A and 9A — Tests
201-517 No. 11A Announcement Systems		
201-517-501	1	No. 11A — Tests
201-518 No. 12A Announcement Systems		
201-518-101	2	No. 12A SD-26435-01 — Description, Operation, and Maintenance — Common Systems
201-519 No. 13A, 13A+, and 14A Announcement Systems		
■ 201-519-012	1	Announcement System Manager (ASM) Plus User Guide (1-95)
201-519-101	4	No. 13A — Description and Operating Procedures — Common Systems
201-519-102	1	No. 13A+ Announcement System — Description and Operating Procedures
201-519-103	1	No. 13A+ Announcement System — Description and Operating Procedures (Multiweight Format)
201-519-110	2	13A/14A Remote Record Unit (ALD3) — Description and Operating Procedures (6-92)
201-519-120	1	13A/14A Remote Record Concentrator — Description and Operating Procedures (6-92)

Number	Issue	Subject
201-519-301	2	No. 13A SD-97753-01 — Operating, Testing, and Trouble Analysis Procedures — Common Systems
201-520 CSRAF (Common Systems — Recorded Announcement Frame)		
201-520-101	5	SD-97725-01, SD-97725-02, SD-97725-03, and SD-97725-04
201-520-301	4	SD-97725-01, SD-97725-02, and SD-97725-03 — Operating Procedures
201-520-501	3	SD-97725-01 and SD-97725-02 — Tests and Trouble Analysis
201-520-701	4	SD-97725-01, SD-97725-02, SD-97725-03, and SD-97725-04 — Requirements and Adjusting Procedures
201-520-801	5	SD-97725-01, SD-97725-02, and SD-97725-03 — Piece-Part Data and Replacement Procedures
201-521 14A Announcement System		
201-521-101	5	14A Announcement System — Description and Operating Procedures — Common Systems
201-522 15A Announcement System		
201-522-101	3	15A Announcement System — Description and Operating Procedures — Common Systems (11-94)
201-525 Improved Service Announcements and Information Collection (ISAIC) for 4ESS™		
■ 201-525-010AC	1	ISAIC System Description
■ 201-525-012AC	2/92	Announcement Administration Processor (AAP) Administration Guide
■ 201-525-014AC	2/92	AAP Operations Manual
■ 201-525-016AC	2/92	AAP Troubleshooting Guide
■ 201-525-018AC	2/92	AAP Growth and Additions for Field Site
201-570/580 Timer and Tone Circuits		
201-570-501	1	5A Timer — Tests

Number	Issue	Subject	Number	Issue	Subject
201-576-501	3	400A Tone Generator — (Receiver Off- Hook Tone) — Tests	201-604 Fuse Alarms		
201-578-501	7	Tone Detector Circuit SD-94800-01 — Tests and Adjustments	201-604-501	3	Fuse Alarms for Miscellaneous Circuits — Tests
201-578-502	3	8A and 8B Tone Detectors (J94008A) (J94008B) — SD-99551-01 Tests and Adjustments — Common Systems	201-605 Major Audible Alarm		
201-579-501	3	Test Progress Tone Circuit SD-96603-01 — 2225-Hz Supply and Distributing Circuit — Tests	201-605-501	1	Major Audible Alarm Circuit SD-95798-01 Arranged for Coded Signaling — Miscellaneous Tests
201-580-301	1	No-Such-Number Tone Supply Alarm Procedures, Manual Transfer and Trouble Clearing Procedures	201-607 Insulation Alarm Circuits		
201-580-501	1	No-Such-Number Tone Supply Circuits — Tests	201-607-301	2	Cable Insulation Alarm Circuit SD-96348- 01 — Method of Operation and Alarm Procedures
201-6 Alarm Systems and Order Wires, Miscellaneous Fuse Alarms, Emergency Line and Trunk Transfer Circuits, Alerting Systems, and Telemetry			201-607-501	2	Cable Insulation Alarm Circuit SD-96348- 01 — Tests
201-601 Emergency Alarm Circuits			201-609-501	2	Low Insulation Alarm Circuit SD-62489- 01 — Tests
201-601-101	3	Description	201-610 Cable Pressure Telemetry		
201-601-501	2	SD-90642-01 — Separate Incoming Alarm From Distant Office — Tests	201-610-301	3	Central Control — Description and Operation — Toll Cable Pressure Transducer System
201-601-502	4	SD-90641-01 or SD-96052-01 Arranged for Automatic Fire Detection — Single Zone — Tests	201-610-302	1	Central Control and Cable/Transducers — Trouble Locating Procedures
201-601-503	6	SD-90560-01 or SD-96049-01 Arranged for Zone Indicating Lamps and Automatic Fire Detection — Multi-Zone — Tests	201-610-311	3	KS-20537, L1 Moduprinter and AP-20 Printer — Description, Operation, and Maintenance
201-601-504	3	SD-90437-01 — Arranged for Code Signaling and Automatic Fire Detection — Tests	201-610-501	5	Central Control — Test and Trouble Analysis Procedures
201-601-600	4	Alarm Relay Unit (ARU) — User Manual	201-611 Cable Gas Pressure Alarm Circuits		
201-601-605	1	Alarm Alerting Unit — Technical Description	201-611-501	3	Cable Gas Pressure Alarm Circuit SD-90412- 01 — Cable Protection Alarm Circuit SD-95025-01 and Calling-In Signal — Tests
201-603 Fire Drill Alarm					
201-603-501	1	Fire Drill Alarm Circuit SD-90086-01 Tests			

Number	Issue	Subject
201-612 CPMS (Cable Pressure Monitoring System)		
201-612-101	3	Remote and Satellite Terminals (SD- 7C000-01, SD-2P035-01) — Description
201-612-301	4	Remote Terminal (SD-7C000-01) — Trouble Locating and Alignment Procedure
201-612-302	3	Remote Terminal SD-7C000-01 — Cross- Connections
201-612-311	4	Satellite Terminal SD-2P035-01 — Trouble Locating Procedures
201-612-312	2	Satellite Terminal SD-2P035-01 — Cross- Connections
201-612-313	1	Remote Terminal Test Set (J1C013AD, L1) — Description and Operations

201-613 Cable Protection Alarm

201-613-501	2	Cable Protection Alarm and Calling-In Signal Circuit SD-55211-01 — Tests
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201-614/629 Alarm, Control and Distribution Circuits

201-614-501	1	60 I.P.M. Interrupter Alarm and Distribution Circuit SD-63899-01 or SD-63899- 02 for Teletypewriter Equipment — Tests
201-615-301	1	Alarm Receiving Circuit SD-95418-01 — Taking Equipment Out of Service
201-615-501	1	Alarm Receiving Circuit SD-95418-01 — Tests
201-616-101	1	Centralized Status, Alarm and Control System — Description
201-620-301	2	Audible and Visual Maintenance Alarm Equipment NS-01046-01 — Operating Methods, Alarm Procedures, Adjustment Procedures, and Trouble Locating Procedures
201-620-501	2	Central Office Audible and Visual — Maintenance Alarm Equipment NS-01046-01 — Tests
201-625-101	2	Telephone Order Wire Circuit SD-62476- 011 — Selective Signaling — Description
201-626-101	1	Telephone Order Wire Circuit SD-55320- 01 — 600-1500 Cycle Selective Signaling — Description

Number	Issue	Subject
201-626-501	2	Telephone Order Wire Circuit SD-55320- 01 and ES-55572-01 — 600-1500 Cycle Selective Signaling — Tests
201-627-101	1	600-1500 Cycle Selective Signaling Systems — Description
201-628-101	1	Alarm Trunk Circuit SD-64542-01 for Use Between Main and Auxiliary Repeater Stations Description
201-629-501	2	Alarm Trunk Circuit SD-64542-01 — Alarm Trunk Control Circuit SD-55055-01 — Alarm Trunk Switching Circuit SD-55859-01 — Alarm Trunk Station Selecting Circuit SD-55860-01 — Tests

201-630/634 Alarm and Control System

201-630-010	2	B1 Alarm Indicator Record Forms — Description
201-630-101	1	B1 — Description
201-630-301	4	B1 — Method of Operation
201-631-010	1	C1 — Forms and Records
201-631-101	4	C1 Order-Wire Circuit — Description
201-631-501	4	C1 — Tests
201-632-010	1	Alarm Indication Log — Form E-3870 — Description
201-633-301	1	D1 Order Wire Circuit — Substation and Main Station Units — Analysis and Clearance of Trouble
201-633-501	1	D1 — Out-of-Service Tests
201-634-501	2	D2 Order Wire Circuit — Out-of-Service Tests

Distributed Monitoring and Control System (DMACS)

■ 201-634-601	2	DMACS Engineering Reference Manual (4/94)
■ 201-634-602	2	DMACS Installation, Operation and Maintenance Manual (4/94)
■ 201-634-999	1	DMACS Quick Reference Card

201-635/637 TD/TH Radio Relay System

Addendum	1	
201-635-501	3	Sequence Signaling and Order Circuits — Tests

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Addendum	1		201-644-112	3	Manual Alarm Central — Description
201-636-501	2	Remote Control Sending and Receiving Directors and Associated Sequence Signaling Circuits — Tests	201-644-113	1	Status Polling Central — Description
Addendum	1		201-644-114	1	Status Reporting Remote — Description
201-637-501	1	Distribution Fuse, Individual, Audible, and Visual Alarm Circuit SD-56230-01	201-644-142	1	Remote Call-up Test Set — Description, Operation, and Maintenance
201-639 E1 Status Reporting and Control System			201-644-312	4	Manual Alarm Central Operating Procedures
201-639-100	1	General Description	201-644-501	3	Initial Trouble Diagnoses
201-639-300	1	Operation	201-644-503	5	Manual Alarm Central — Troubleshooting Procedures
201-639-501	1	Initial Trouble Diagnoses — Central Station	201-644-504	6	Alarm Reporting Remote — Troubleshooting Procedures
201-639-503	3	Troubleshooting Procedures — Central Station	201-644-510	1	Troubleshooting Procedures — Multidirectional Data Regenerator
201-639-504	4	Troubleshooting Procedures — Remote Station (J92615B1 and J92615B2)	201-644-511	1	Troubleshooting Procedures — Status Reporting Remote
201-640/642 Television, L4, and Local Order Circuits			201-644-513	1	Troubleshooting Procedures — Status Polling Central
201-640-501	2	Television Order Circuits and Associated Equipment — Tests	201-644-550	1	Remote Station Connections and Central Station Display — Overall System — Tests — Interconnection and Display
201-641-101	1	L4 Order Circuit (L40C) and Express Order Circuit (XOC) — Description	201-645 Group Alerting System		
201-642-101	1	Local Order Circuit (LOC) — Calemans Order Circuit (COC) — Description	201-645-501	2	Group Alerting System J95421 SD-95883-01 and SD-95884-01 — Tests
201-643 Status Assembling System			201-646 Wire Circuits		
201-643-101	2	Description	201-646-101	4	4-Wire — General Purpose SD-1C245-01 — Description
201-643-301	2	Maintenance and Trouble Procedures	201-646-501	4	4-Wire — General Purpose SD-1C245-01 — Tests
201-643-501	1	Tests and Inspection — SD-5G144, SD-5G143, and SD-5G139	201-647 E3 Alarm System		
201-644 E2 Status Reporting and Control System			Addendum	1	
Addendum	1		201-647-100	1	Description
201-644-100	4	Description — Overall System	201-647-101	2	E3 Alarm Central — Description
201-644-110	2	Multidirectional Data Regenerator — Description	201-647-301	2	E3 Central (J1P030A) Operation
201-644-111	2	Alarm Reporting Remote — Description	201-647-500	3	Initial Trouble Diagnosis
			201-647-501	2	E3 Central — Maintenance

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201-650/652 Emergency Line Circuits			201-653-503	1	Cable Pressure Monitoring System — Telemetry-to-Computer Translator and Remote Maintenance
201-650-501	1	Emergency Line or Trunk Transfer Circuit SD-95690-01 — Tests	201-653-504	3	Status and Command Remote and Telemetry-to-Computer Translator — Tests
201-651-501	1	Lines Arranged for Manual Completion of Emergency Calls — Operation Test	201-653-505	1	SCOTS-C1 Interface Remote and TCT — Maintenance
201-652-501	1	Emergency Line Circuit SD-95336-01 — Tests	201-653-506	1	No. 4ESS Network Management Central and Remote Maintenance
201-653 General Telemetry Processor			201-653-508	1	No. 4ESS — Combined Maintenance Operations Center (CMOC) — Maintenance
201-653-010	1	Telemetry Products — User Manual	201-653-509	2	Digital Alarm Scanner (DAS) — Maintenance
201-653-011	2	General Telemetry Processor (GTP) — System Documentation	201-653-510	2	Advanced Telemetry Processor (ATP) — Maintenance
201-653-012	1	Telemetry Products — User Manual for Support Personnel	201-653-511	1	General Telemetry Processor — Maintenance
E2A Telemetry			201-653-520	1	Telemetry Maintenance — Common Product Line Consideration
201-653-100	2	Electromagnetic Interference Warnings	201-653-522	3	Alarm Processing Remote (APR) — Maintenance
201-653-102	4	Switching Control Center System — Description	201-653-530	1	Telemetry Customer Application Guide — Planning and Remote Selection
201-653-103	1	Cable Pressure Monitoring System (CPMS) — Description	201-7 Operator Training Equipment and Common Switchboard Sections		
201-653-104	3	Status and Command Remote Applications — Description	201-701-501	1	Operator Keypulsing Drill Circuit — Tests
201-653-105	1	SCOTS-C1 Interface Remote — Description	201-702-501	1	Operator Training Circuit — CAMA Training Equipment — Tests
201-653-106	1	No. 4ESS™ Network Management Central and Remote — Description	201-705-501	3	Key Monitoring Circuit SD-96314-01 — MF and DC Keypulsing — DSA, Toll and CAMA Switchboards — Tests
201-653-107	1	CDO Satellite Remote — Description and Maintenance	201-710-301	1	Location of Crosses and Grounds in Switchboard Multiple
201-653-108	1	No. 4ESS — Combined Maintenance Operations — Center Description	201-711-301	1	Removing Foreign Materials From Switchboard Jacks Using Tool Kit Per KS-6527
201-653-109	1	Digital Alarm Scanner (DAS) — Description	201-712-501	3	Idle Trunk Indicating, Group Busy, and Answering Lamp Circuits — Tests
201-653-110	3	Advanced Telemetry Processor — Description and Operations			
201-653-111	1	General Telemetry Processor — Description and Operations			
201-653-122	3	Alarm Processing Remote (APR) — System Description			
201-653-502	5	Switching Control Center — Central and Remote Maintenance			

Number	Issue	Subject	Number	Issue	Subject
201-715-501	3	MF Keyset Circuit No. 13C, 13D, 14C, 15C and 15D Switchboards — Output Level — 0 DBM Per Frequency — Tests	201-828-502	4	Remote Testing Features and Circuits — SD-99309-01 and SD-99310-01 Near- End and SD-97559-01 Near to Far-End Tests and Trouble Locating Procedures — No. 14 Local Test Desk and No. 16 Local Test Desk
201-715-502	1	MF Keyset Circuit No. 13C, 13D, 14C, 15C, and 15D Switchboards — Output Level — 3 DBM Per Frequency — Tests	201-828-503	2	Local Test Desk (LTD) No. 14 — Test and Trouble Locating Procedures
201-715-503	1	MF Keyset Circuit No. 13C, 13D, 14C, 15C, and 15D Switchboards — Output Level — 8 DBM Per Frequency — Tests	201-828-504	1	Local Test Desk (LTD) No. 16 — Tests and Trouble Locating Procedures
201-715-504	1	MF Keyset Circuits No. 13C, 13D, 14C, 15C, and 15D Switchboards — Output Level -6 DBM Per Frequency — Test	201-828-505	2	Local Test Cabinet No. 3 — Tests and Trouble Locating Procedures
201-720-501	1	Coin Zone Operator Trunk Circuit SD- 95851-01 — Tests Using Trunk Test Circuit SD-95875-01	201-829-501	1	U1 Carrier SD-1C151-01 — Central Office Unit — Test
201-8 Common System Features and Circuits			201-830-301	1	Automatic Identified Outward Dialing Equipment — General Maintenance Procedures
201-819/844 Miscellaneous Circuits			201-830-501	3	Alarms — Operation Tests — PBX Automatic Identified Outward Dialing Type A1 Equipment
201-819-501	2	Speed Test Circuit for Touch-Tone Automatic Dialers — SD-1C402-01 — Tests and Adjustments	201-831-501	4	Automatic Identified Outward Dialing, Type A2 — Alarm Tests and Operation Tests Using Station Identification Test Circuit SD-1C235-01
201-820-301	1	Touch-Tone Calling Receiving Circuit (J99266) — Trouble-Location	201-832-501	1	Dial Long Line Circuit SD-96588-01 — Test
201-821-301	2	Touch-Tone Calling-Receiving Circuit J99289 — SD-98148-01 — Trouble Location	201-832-502	5	Dial Long Line Circuits — SD-96589-01 — 96590-01 — 96591-01 — Tests Using Test Position SD-96594-01
201-822-301	2	Use of Compensating Resistance — Revertive and PC1 Pulsing Circuits	Addendum	1	
201-825-501	1	Private Line Conference Circuits With or Without Amplifiers — Tests	201-833-501	7	Coin Station Test Line SD-1C297-01 — Tests and Trouble Locating Procedures
201-825-502	2	Private Line Conference Circuit SD-96391- 01 — Transmission Tests	201-836-501	1	Video Supervisory Signal Supply Circuit SD-27909-01 Associated With Wideband Remote Switch Circuit SD-27900-01 — Tests
201-826-501	4	Auxiliary Line Circuit SD-99439-01 — Arranged for Measured Rate INWATS Service — Operation Tests	201-838-101	2	Remove Office Test Line (ROTL) — Control Panel — Description and Operation — Common Systems
201-828-501	3	Remote Testing Features SD-99308-01, SD-99311-01 — Far-End and Extended Remote Tests From Far-End — Tests and Trouble Locating Procedures — No. 14 and No. 16 Local Test Desk	201-838-701	1	Remote Office Test Line (ROTL) Control Panel — E6 Repeater Adjustment

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Addendum	1		Addendum	1	
201-840-501	2	Apartment Door Answering Service (ADAS) — ST-596038 — Central Office Tests	201-850-512	2	Incoming Intercept ANI Trunk Circuit SD- 97571-01 — Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
201-840-502	1	Apartment Door — Answering Service (ADAS) — NS-02506-01 — Central Office Tests	201-850-513	2	Incoming Intercept ONI-1 Trunk Circuit SD-97572-01 — Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
201-841-301	1	Calendar and Clock Circuit SD-68591-01 — Clock Setting	201-850-514	4	Incoming Intercept ONI-3 Loop Signaling Trunk Circuit SD-97573-01 — Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
Addendum	1		201-850-515	4	Incoming Intercept ONI-3 E and M Lead Signaling Trunk Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
201-842-100	1	Common Systems Message Printer SD- 94865-01 — Description, Operating Procedures, and Maintenance	201-850-521	4	Incoming Trunk Circuit SD-97577-01 for Directory Assistance Traffic — Tests Using Portable Test Set SD-97576-01 (J94747A) — No. 1 Trunk Concentrator
201-843-501	2	Busy Line Verification — Limiting Amplifier SD-97761-01 — Transmission Tests	201-850-522	3	Outgoing Trunk SD-97578-01 — Tests Using Portable Test Set SD-97576-01 (J94747A) — No. 1 Trunk Concentrator
201-844-100	2	97A Control Unit — Description and Maintenance			
201-850 No. 1 Trunk Concentrator			201-9 Billing Systems		
201-850-101	3	No. 1 Trunk Concentrator — Description	201-900 AMARC (Automatic Message Accounting Recording Center)		
201-850-501	1	No. 1 Trunk Concentrator Circuit SD-97569- 01 — Tests	201-900-010	2	Operation, Maintenance, and Management — No. 1 AMARC
201-850-502	2	Outgoing Trunk Circuit to AIC SD-97570- 01 — Transmission Tests — No. 1 Trunk Concentrator	❶ 201-900-030	2	Introduction to Nongeneric Parameter Data (NPD) and Instructions for Preparation of NPD Forms — No. 1A AMARC, Generics 3 and 4
201-850-503	3	Outgoing Trunk Circuit to ACD SD-97578-01 — Direct Trunk or Via No. 1 TSPS — Transmission Tests — No. 1 Trunk Concentrator	❶ 201-900-031	2	Reproducible Nongeneric Parameter Data (NPD) Forms — No. 1 AMARC, Generics 3 and 4
201-850-504	1	Trunks Terminating on No. 1 Trunk Concentrator — Incoming Trunk Frame — Trunk Transmission Tests	Addendum	1	
201-850-505	2	Outgoing Trunk Circuit to No. 23-Desk SD-97578-01 — Direct Trunk or Via No. 1 TSPS — Transmission Tests — No. 1 Trunk Concentrator	❶ 201-900-032	1	Call Data Accumulator (CDA) Translations — No. 1A AMARC, Generic 3
201-850-506	1	Outgoing Trunk Circuit SD-97578-01 to No. 1 ESS With CAMA — Transmission Sets — No. 1 Trunk Concentrator			
201-850-511	3	Outgoing Trunk Circuit SD-97570-01 — Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator			

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❶ 201-900-033	2	Billing Data Transmitter (BDT) Translations — No. 1A AMARC, Generics 3 and 4	❶ 201-900-061	2	Nongeneric Parameter Data — No. 1 AMARC Dump Messages
❶ 201-900-034	2	No. 3 ESS Sensor Translations for No. 1A AMARC, Generics 3 and 4	❶ 201-900-062	2	Nongeneric Parameter Data (NPD) — Other No. 1 AMARC Administrative Records
❶ 201-900-035	2	Call Data Transmitter (CDT) Translations — No. 1A AMARC, Generics 3 and 4	❶ 201-900-063	2	Administrative Considerations for Growth and Rearrangements — No. 1 AMARC
Addendum	2		❶ 201-900-070	1	Introduction to Nongeneric Parameter Data (NPD) — Required for No. 1A AMARC- Generic 2 — Billing Systems — Supplemental Information — Central Offices
❶ 201-900-036	1	No. 5 Electronic Tandem Switching and Voice Storage System Translations — No. 1A AMARC, Generics 3 and 4	201-900-071	1	Physical Description — No. 1A AMARC, Generic 2 — Supplemental Information — Central Offices
Addendum	1		❶ 201-900-072	1	Description of Nongeneric Parameter Data (NPD) Tables — No. 1A AMARC, Generic 2
❶ 201-900-037	1	No. 2B and No. 5 Electronic Switching Systems — Translations — No. 1A AMARC, Generic 4	❶ 201-900-073	1	Call Data Accumulator (CDA) Translations — No. 1A AMARC
❶ 201-900-050	2	Introduction to Nongeneric Parameter Data (NPD) — Required — No. 1 and 1A AMARC	❶ 201-900-074	1	Billing Data Transmitter (BDT) Translations — No. 1A AMARC
❶ 201-900-051	2	Physical Description — No. 1 AMARC	❶ 201-900-075	1	Preparation of Nongeneric Parameter Data (NPD) Forms — No. 1A AMARC — General
❶ 201-900-052	2	Description of Nongeneric Parameter Data (NPD) Tables — No. 1 AMARC	❶ 201-900-076	1	Preparation of Nongeneric Parameter Data (NPD) Forms — Common Parameters — Generic 2 — Supplemental Information — Central Offices
❶ 201-900-053	2	Call Data Accumulator (CDA) Translations — No. 1 AMARC	❶ 201-900-077	1	Preparation of Nongeneric Parameter Data (NPD) Entity Parameters — No. 1A AMARC — Generic 2
❶ 201-900-054	2	Billing Data Transmitter (BDT) Translations — No. 1 AMARC	❶ 201-900-078	1	Preparation of Nongeneric Parameter Data (NPD) Forms — Channel Parameters — No. 1A AMARC
❶ 201-900-055	2	Preparation of Nongeneric Parameter Data (NPD) Forms — No. 1 AMARC — General	❶ 201-900-079	1	Preparation of Nongeneric Parameter Data (NPD) Forms — Special Number Parameters — No. 1 AMARC
❶ 201-900-056	2	Preparation of Nongeneric Parameter Data (NPD) Forms — Common Parameters — No. 1 AMARC	❶ 201-900-080	1	Reproducible Nongeneric Parameter Data (NPD) Forms — No. 1A AMARC, Generic 2
❶ 201-900-057	2	Preparation of Nongeneric Parameter Data (NPD) Entity Parameters — No. 1 AMARC	❶ 201-900-081	1	Nongeneric Parameter Data — No. 1A AMARC Dump Messages
❶ 201-900-058	2	Preparation of Nongeneric Parameter Data (NPD) Forms — Channel Parameters — No. 1 AMARC	❶ 201-900-082	1	Nongeneric Parameter Data (NPD) — Other No. 1A AMARC Administrative Records
❶ 201-900-059	2	Preparation of Nongeneric Parameter Data (NPD) Forms — Special Number Parameters — No. 1 AMARC			
❶ 201-900-060	2	Reproducible Nongeneric Parameter Data (NPD) Forms — No. 1 AMARC			

Number	Issue	Subject	Number	Issue	Subject
① 201-900-083	1	Administrative Considerations for Growth and Rearrangements	201-900-321	2	Routine Procedures — No. 1A AMARC, Generics 2 and 3
① 201-900-084	1	No. 3 ESS Terminal Translations — No. 1A AMARC	201-900-322	2	Operating Procedures — No. 1A AMARC, Generics 2 and 3
201-900-101	2	No. 1 AMARC — Description	201-900-323	1	Emergency Procedures — No. 1A AMARC, Generics 1, 2, and 3
201-900-102	2	230A Repeater SD-5P001-01 — No. 1 and No. 1A AMARC	201-900-324	1	No. 1A AMARC — Fault Isolation Procedures, Generics 1, 2, and 3
201-900-103	2	Description — No. 1A AMARC, Generics 1, 2, and 3	201-900-325	1	Date and Time Change Procedures — No. 1A AMARC, Generics 1, 2, and 3
201-900-104	1	No. 1A AMARC, Generic 4 Description	201-900-326	1	Data Set Interface and Auxiliary Functions (DSIAF) Diagnostics — Loading Procedure and Interpretation — No. 1A AMARC, Generics 1 and 2
201-900-300	2	Software Growth Procedures — No. 1 AMARC	201-900-327	1	Nongeneric Parameter Data Procedures — No. 1A AMARC, Generics 1, 2, and 3
201-900-301	2	Routine Procedures — No. 1 AMARC	201-900-328	1	Operator Analysis of System Related Trouble Messages — No. 1 AMARC
201-900-302	2	Operating Procedures — No. 1 AMARC, Generic 3, 4, and 5	Addendum	2	
201-900-303	2	Emergency Procedures — No. 1 AMARC	201-900-330	1	RP06 Disk — Description and Operating Procedures — No. 1A AMARC
201-900-304	2	Fault Isolation Procedures — No. 1 AMARC	Addendum	1	
201-900-305	3	Date and Time Change Procedures — No. 1 AMARC	201-900-331	1	Diagnostic Loading Procedure — No. 1A AMARC, Generic 3
201-900-306	3	Data Set Interface and Auxiliary Functions (DSIAF) Diagnostics — Loading Procedure and Interpretation — No. 1 AMARC	201-900-340	1	Acceptance Tests — No. 1 AMARC, Generic 3
201-900-307	3	Nongeneric Parameter Data Procedures — No. 1 AMARC	① 201-900-610	2	Common Systems — Network Switching Engineering — No. 1A AMARC, Generic 2
201-900-308	1	Operator Analysis of System Related Trouble Messages — No. 1 AMARC	① 201-900-611	1	Common Systems — Network Switching Engineering — No. 1A AMARC, Generic 3
201-900-309	2	Operator Analysis of Step-by-Step Channel Troubles — No. 1 and No. 1A AMARC	① 201-900-612	1	Common Systems — Network Switching Engineering — No. 1A AMARC, Generic 4
201-900-310	2	Operator Analysis of BDT Channel Troubles — No. 1 and No. 1A AMARC	201-900-700	1	Prebilling Failure Performance Reporting — Message Billing Failure Processing
201-900-313	1	Operator Analysis of the No. 5 Crossbar Electronic Translator System (ETS) and Local Automatic Message Accounting — Computer (LAMA-C) — Channel Troubles — No. 1 and No. 1A AMARC			
201-900-314	1	Operator Analysis of No. 3 Electronic Switching System (ESS) Channel Troubles — No. 1 and No. 1A AMARC			
201-900-315	1	Call Data Transmitter (CDT) — Operator Analysis of Channel Troubles — No. 1A AMARC			

Number	Issue	Subject	Number	Issue	Subject
201-901 BDT (Billing Data Transmitter)			201-902-306	3	Generic Program Overwrites and Application of Broadcast Warning Change Notices — 4A, 4M Toll and Crossbar Tandem Offices
Addendum	1		201-902-307	2	Disk Handling Procedures
201-901-101	3	Description	201-902-308	2	Remote Teletypewriter — Description, Operation, and Maintenance — 4A, 4M Toll and Crossbar Tandem Offices
201-901-301	4	Trouble Sectionalizing	201-902-309	3	Monitoring Tests — 4A, 4M Toll, and Crossbar Tandem Offices
201-901-302	3	Central Office AMA Equipment With Billing Data Transmitter (BDT) — Precautionary Measures — Common Systems	Addendum	2	
Addendum	2		201-902-310	2	Program Loading Procedures — 4A, 4M Toll and Crossbar Tandem Offices
201-901-501	2	Recorder and Recorder Connector Circuit SD-25872-01 — Operation Tests for Offices Equipped With Billing Data Transmitters	201-902-501	4	Routine Tests and Operations — 4A, 4M Toll and Crossbar Tandem Offices
Addendum	1		201-902-502	2	Recorder and Recorder Connection Circuit SD-25872-01 Tests — 4A, 4M Toll and Crossbar Tandem
201-901-502	4	Acceptance Tests	201-902-503	2	Equipped With ANIS or MECCA Feature Tests — 4A, 4M Toll and Crossbar Tandem Offices
201-902 CAMA-C (Centralized Automatic Message Accounting — Computerized)			201-903 HOBIS/CCRS (Hotel Billing Information System/Centralized Credit Refund System)		
201-902-010	2	Operation, Maintenance, and Management — No. 4 Crossbar and Crossbar Tandem Offices	Addendum	1	
201-902-101	2	Description Information — 4A, 4M Toll, and Crossbar Tandem Offices	201-903-101	2	Description for Generic 1
❶ 201-902-200	1	Line and Trunk Administration — 4A, 4M, and Crossbar Tandem Offices	201-903-102	1	Description for Generic 2
Addendum	1		201-903-301	4	Emergency Action and Restoration Procedures for Generics 1 and 2
201-902-301	2	Emergency Action Procedures — 4A, 4M Toll, and Crossbar Tandem Offices	201-903-302	4	Routine Operating Procedures for Generics 1 and 2
201-902-302	2	Multiplexor/Scanner Trouble Locating and Test	201-903-303	2	Trouble Sectionalizing for Generics 1 and 2
Addendum	1		201-903-501	1	Maintenance Test Procedures
201-902-303	2	Recent Change Procedures — 4A, 4M Toll and Crossbar Tandem Offices	201-903-503	2	Acceptance Tests for Generic 2
201-902-304	2	Hourly and Daily Maintenance Reports — Procedures and Message Interpretation — 4A, 4M Toll and Crossbar Tandem Offices	201-905 RICS (Recorded Information and Collection System)		
201-902-305	2	Time Change Procedures	201-905-100	8/94	AMA (Automatic Message Accounting) Reference Manual

Number	Issue	Subject
Revision 2	4/95	
Revision 1	3/95	
201-905-101	1/95	TOS Reference Manual
■ 201-905-200	12/92	ASURE User Guide
■ 201-905-400	11/93	HIPER-DREAMER User Guide
■ 201-905-500	7/94	OTTER (Outbound Trouble Evaluation of Recording System) User Guide
■ 201-905-800	3/94	CIRTS (Centralized Inbound Recording Tracking System)

**201-906 COBRA® (Customer Order Entry and Billing
Revenue Administration)**

■ 201-906-100	1	COBRA® On-Line Guide
■ 201-906-101	1	Tabs for COBRA® On-Line Guide

Division 205

Automatic Data Test Circuits

205-0 Indexes and Equipment Test Lists**205-1 Automatic Data Test Circuits**

Number	Issue	Subject
205-0 Indexes and Equipment Test Lists		
205-000-000	12	Numerical Index — Division 205 — Automatic Data Test Circuits
205-001-011	1	ETL — Automatic Data Test Cir- cuits
205-1 Automatic Data Test Circuits		
205-101-501	3	Automatic Data Test Line Circuit SD-71028-01 — Operation Tests
Addendum	1	
205-102-301	1	Automatic Data Test Line — Trouble Locating Procedures
205-102-501	1	Automatic Data Test Line No. 5A (SD-71076-01) — Transmission and Operation Tests

Division 210**Plant and Traffic Desks Service Observing****210-0 Indexes and Equipment Test Lists****210-1 Service Observing Desks**

Number	Issue	Subject
210-0 Indexes and Equipment Test Lists		
210-000-000	59	Numerical Index — Division 210 — Service Observing, and Plant and Traffic Desks
210-001-011	3	ETL — No. 12 and Modified No. 7
210-001-013	2	ETL — Information and Toll Directory Desks
210-1 Service Observing Desks		
210-102-301	3	No. 4 Portable Service Observing Set — No. 1 or 2 Dial Pulse Recorder Set — Connections and Operations
210-105-501	2	Service Observing Circuit for Observing Speed of Answer — Tests — No. 12 Service Observing Desk
210-106-501	3	Intertoll Service Observing Circuit and Associated Dial Pulse Converter Circuit for Use with No. 12 Service Observing Desk — Tests — No. 4A or 4M Toll Switching System

Number	Issue	Subject
210-110-501	3	Incoming Trunk and Distribution Circuit — Tests — No. 7 or 12 Service Observing Desk
210-111-501	2	Service Observing Circuit for Crossbar Tandem Incoming Intertoll Trunks — Tests Using Test Circuit SD-27050-01 — No. 7 or 12 Service Observing Desk
210-111-502	3	2- or 4-Wire Intertoll Service Observing Trunks and Associated Dial Pulse Converter — Tests Using Service Observing Test Circuit SD-95712-01 — No. 7 or 12 Service Observing Desk
210-115-501	1	Service Observing Circuit for Observing Calls to PBX Attendants and Stations — Crossbar Tandem Offices Arranged for Direct Inward Dialing to PBX — Tests — No. 7 or No. 12 Service Observing Desks
210-116-502	1	Service Observing Circuit for Step-by-Step CAMA Incoming Trunks — Tests Using Test Set SD-32271-01 (J38913A) — No. 7 or 12 Service Observing Desk
210-116-504	1	Service Observing Circuit for Incoming Trunks — No. 4A and 4M Toll Switching Systems — Tests — No. 7 or 12 Service Observing Desk
Addendum	1	
210-118-502	2	AMA, CAMA, and Local Dial Service Observing Circuits for DDD Trunks and Junctors, and Miscellaneous Local Dial Trunks in No. 5 Crossbar Office — Tests — No. 7 or 12 Service Observing Desk

Division 211**No. 1, 3, 5, and 6 Toll OfficesNo. 1, 3, 5, and 6 Toll Switchboards
No. 6A Teletypewriter Switchboards****211-0 Indexes, Equipment Test Lists, and Administrative Practices****211-1 Common to More Than One Toll Office or Toll Switchboard****211-2 No. 1 Toll Offices and Toll Switchboards****211-3 No. 3 Toll Offices and Toll Switchboards****211-4 No. 5 Toll Switchboards****211-5 No. 6 Toll Switchboards****211-8 6A Teletypewriter Switchboard**

Number	Issue	Subject
211-0 Indexes, Equipment Test Lists, and Administrative Practices		
211-000-000	29	Numerical Index — Division 211 — No. 1, 3, 5, and 6 Toll Offices — No. 1, 3, 5, and 6 Toll Switchboards and No. 6A Teletypewriter Switchboards
211-001-012	1	ETL — Common to More Than One Toll Office or Toll Switchboard
211-001-013	2	ETL — No. 1 Toll Office and Toll Switchboard
211-001-014	3	ETL — No. 3 Toll Office and Toll Switchboard
211-001-015	2	ETL — No. 5 Toll Switchboards
211-001-016	1	ETL — No. 6 Toll Switchboards
211-001-017	1	ETL — No. 6A Teletypewriter Switchboard
211-020-001	2	Equipment and Cross-Connection Records — Toll Terminal Equipment
211-021-001	1	Trouble Indicator Records — Intertoll Trunk Concentrating Equipment
211-022-001	2	Classifying and Recording Trouble Data — Manual Toll and TWX Offices

Number	Issue	Subject
211-1 Common to More Than One Toll Office or Toll Switchboard		
211-102-501	1	Supervisor Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-103-501	1	Operator Control and Telephone Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-104-501	1	Trouble Operator Cord, Telephone, and Grouping Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-105-501	1	Vacant Position Tone and Night Alarm Circuits — Automatic Listening Positions — Tests — No. 1 and 3 Toll Tandem Switchboards
211-106-501	1	Grouping and Splitting Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-107-501	1	Common Overflow and Reorder Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-110-501	2	Link Allotter — Call Distribution Equipment — Tests — Toll Offices
211-112-501	2	Group and Position Allotters — Call Distribution Equipment — Tests — Toll Offices
211-114-501	1	Group Busy Time Registers SD-63313-01 — Tests — No. 1 and 3 Toll Offices
211-116-501	1	Alarm Circuits for the 30, 60, and 120 I.P.M. Interrupter, Transfer, and Distributing Circuit SD-95078-01 — Tests — Toll Systems
211-117-501	1	Alarm Circuits for the 30, 60, and 120 I.P.M. Interrupter, Transfer, and Distributing Circuit SD-95099-01 — Tests — Toll Systems
211-118-501	1	Alarm Circuits for the 40, 60, and 120 I.P.M. Interrupter Circuit SD-63367-01 — Tests — Toll Systems
211-119-501	1	Alarm Circuits for the 60 I.P.M. Interrupter Relay Circuit SD-70136-01 — Tests — Toll Systems

Number	Issue	Subject	Number	Issue	Subject
211-120-501	4	Transmission Measurement Tests — No. 1 and No. 3-Type Switchboards	211-137-701	2	Hand Receiving Valves (25- and 26-Type Valves) — Ticket Retainers (KS-15536, Lists 1, 2, 3, and 4) — Sending Valves (27-Type Valves) — Pressure Equalizers (No. 29A and A-102556 Valves) — Removable Edge Sections (No. 1A and 2A or 6A Sections) — Pneumatic Ticket Distributing System Requirements and Adjusting Procedures — Toll Offices
211-130-101	2	Pneumatic Tube Type Ticket Distributing System — Description — Toll Offices	211-137-801	3	Hand Receiving Valves (25- and 26-Type Valves) — Ticket Retainers (KS-15536, Lists 1, 2, 3, and 4) — Sending Valves (27-Type Valves) — Pressure Equalizers (No. 29A and A-102556 Valves) — Removable Edge Sections (No. 1A and 2A or 6A Sections) — Pneumatic Ticket Distributing System — Piece-Part Data and replacement Procedures — Toll Offices
211-130-301	5	Pneumatic Ticket Distributing System — Operating Methods — Toll Offices	211-139-701	2	Hand Receiving Valve, D-79144 Ticket Retainer, KS-15536, List 5 Sending Valves, D-45228, D-80161, D-87492, and A-101150 — Removable Edge Section, D-6491 — Pneumatic Ticket Distributing System — Requirements and Adjusting Procedures — Toll Offices
211-130-501	4	Pneumatic Ticket Distributing System — Tests — Toll Offices	211-139-801	3	Hand Receiving Valve, D-79144 — Ticket Retainer, KS-15536, List 5 Sending Valves, D-45228, D-80161, D-87492, and A-101159 — Pneumatic Ticket Distributing System — Piece-Part Data and Replacement Procedures — Toll Offices
211-132-701	1	50A Detector for Pneumatic Tube System Blockade Alarm — Requirements and Adjusting Procedures — Toll Offices	211-140-101	1	Ticket Distributing System — Track Type for Small Toll Switchboards — Description
211-132-801	1	No. 50A Detector — Pneumatic Ticket Distributing System — Piece-Part Data and Replacement Procedures — Toll Offices	211-146-001	1	Classifying and Recording Trouble Data — Intertoll Trunk Concentrating Equipment — Toll Offices
211-134-701	3	No. 28A Roller Receiving Valve — Pneumatic Ticket Distributing System — Requirements and Adjusting Procedures — Toll Offices	211-146-101	1	Intertoll Trunk Concentrating Equipment — Description — Toll Systems
211-134-801	3	No. 28A Roller Receiving Valve — Pneumatic Ticket Distributing System — Piece-Part Data and Replacement Procedures — Toll Offices			
211-134-802	2	Helical Gear — Pneumatic Ticket Distributing System — Modification of Roller Receiving Valve (28A Valve) — Toll Offices			
211-135-701	2	Roller Receiving Valve per D-80134, Roller Receiving Valve per D-80134 Modified per D-98400, and Roller Receiving Valve per D-80134 Modified per ED-61355-01 for Pneumatic Ticket Distributing System — Requirements and Adjusting Procedures — Toll Offices			
211-135-801	1	Roller Receiving Valve per D-80134, Roller Receiving Valve per D-80134 Modified per D-98400, and Roller Receiving Valve per D-80134 Modified per ED-61355-01 — Pneumatic Ticket Distributing System — Piece-Part Data and Replacement Procedures — Toll Offices			

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211-146-301	1	Intertoll Trunk Concentrating Equipment — Trouble Indicator Alarm Routine — Operating Methods — Toll Offices	211-165-501	2	DC Key Pulsing Senders — Operation Tests using Automatic Test Circuit SD- 90424-01 — No. 1 and 3 Toll Switchboards
211-146-501	2	Intertoll Trunk Concentrating Equipment — Incoming Trunks — Tests	211-2 No. 1 Toll Offices and Toll Switchboards		
211-148-501	1	Toll Tandem Trunk Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards	211-201-101	1	Semi-Automatic Testing and Adjusting Circuits — Low Shunt Type per SD-62218- 01 and SD-62216-01 — Condenser Type Cord Circuit — Description — No. 1 Toll Offices
211-150-501	4	Announcement Trunks — Toll Offices	211-202-101	3	Semi-Automatic Testing and Adjusting Circuits — Low Shunt Type per SD-62140- 01 or SD-62140-02 and SD-62136-01 — High Impedance Cord Circuits — Description — No. 1 Toll Switchboards
211-152-501	2	Emergency Access Trunks to Intertoll Trunks Associated with No. 4-Type Toll or Crossbar — Tandem Switching Systems From Toll Switchboards No. 1, 3, 3C, and 3CL and No. 4-Type Toll Switching System from Toll Switchboard No. 5	211-203-101	3	Manual Testing and Adjusting Circuits — Low Shunt Type Per SD-62148-01 or SD-62148-02 and SD-62145-01 — High Impedance Cord Circuits — Description — No. 1 Toll Switchboards
211-154-501	2	Outgoing and 2-Way Intertoll Trunks in the Same Building with No. 5 Crossbar Office — Tests — No. 1, 3C, or 3CL Switchboard	211-210-701	1	Cord Circuit DC Supervisory Relays — Requirements and Adjusting Procedures Using 35-Type Test Set — No. 1 Toll Offices
211-155-501	1	Two-Way Trunk Circuits SD-25655-01 and SD-25667-01 to MJ Mobile Radio Telephone System — Tests — No. 1, 3, 3C, or 3CL Toll Switchboards	211-211-701	1	Cord Circuit AC Supervisory Relays — Requirements and Adjusting Procedures Using AC Relay and Signaling Test Set J68602AJ — No. 1 Toll Offices
211-156-501	1	Intertoll Trunks — Miscellaneous Tests — No. 1 and 3 Toll Offices	211-212-501	1	Condenser Type Cord Circuits — Manual Tests — No. 1 Toll Offices
211-160-501	2	DC Key Pulsing Senders Arranged for Revertive Pulses — Tests using Automatic Test Circuit SD-62059-011 — No. 1 and 3 Toll Switchboards	211-212-502	1	Condenser Type Cord Circuits — Semi- Automatic Test Using Test Circuit SD- 62218-01 — No. 1 Toll Offices
211-162-501	1	MF Key Pulsing Senders Arranged to Transmit Revertive Pulses — Tests Using Automatic Test Circuit SD-56097-01 — No. 1, 3, 3C, and 3CL Toll Switchboards	211-212-701	1	Supervisory Relays — Condenser Type Cord Circuits — Requirements and Adjusting Procedures Using Manual Adjusting Circuit — No. 1 Toll Offices
211-163-501	3	MF Key Pulsing Senders Arranged to Transmit Dial Pulses — Operation Tests using Manual Test Circuit SD-95400-01 — No. 1- and 3-Type Toll Switchboards			
211-165-500	3	DC Key Pulsing Senders Arranged to Transmit Dial Pulses — Operation Tests Using Manual Test Circuit SD-90635-01 — No. 1 and 3 Toll Switchboards			

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211-212-702	1	Supervisory Relays — Condenser Type Cord Circuits — Requirements and Adjusting Procedures Using Semi- Automatic Adjusting Circuit — No. 1 Toll Offices	211-222-501	4	MF Keyset Circuit — Output Level 0 DBM Per Frequency — Tests — No. 1 Toll Switchboard
211-214-501	4	High Impedance Cord Circuits — Manual Tests using Test Circuit SD-62148-01 or SD-62148-02 — No. 1 Toll Switchboards	211-222-502	1	MF Keyset Circuit — Output Level — 3 DBM Per Frequency — Tests — No. 1 Toll Switchboard
211-214-502	3	High Impedance Cord Circuits — Semi- Automatic Test Using Test Circuit SD- 62140-01 or SD-62140-02 — No. 1 Toll Switchboards	211-222-503	1	MF Keyset Circuit — Output Level — 8 DBM Per Frequency — Tests — No. 1 Toll Switchboard
211-214-701	2	Supervisory Relays — High Impedance Cord Circuits — Requirements and Adjusting Procedures Using Manual Adjusting Circuit Per SD-62145-01 — No. 1 Toll Switchboards	211-226-501	3	MF Keyset Circuit — Output Level 0 DBM Per Frequency — Tests — No. 1B Toll Switchboard
211-214-702	2	Supervisory Relays — High Impedance Cord Circuits Using Semi-Automatic Adjusting Circuit Per SD-62136-01 — Requirements and Adjusting Procedures — No. 1 Toll Switchboard	211-226-502	1	MF Keyset Circuit — Output Level — 3 DBM Per Frequency — Tests — No. 1B Toll Switchboard
211-214-703	1	DC Supervisory Relays — High Impedance Cord Circuits Using Semi-Automatic Adjusting Circuits Per SD-64467-01 Requirements and Adjusting Procedures — No. 1 Toll Switchboard	211-228-501	3	MF Keyset Circuit — Output Level 0 DBM Per Frequency — Tests — No. 1 Toll Tandem Switchboard
211-216-501	2	High Impedance and Condenser Type Cord Circuits — Manual Tests using Test Sets J68602AJ, 35 Type and Circuit SD-61423-01 — No. 1 Toll Offices	211-228-502	1	MF Keyset Circuit — Output Level — 3 DBM Per Frequency — Tests — No. 1 Toll Tandem Switchboard
211-216-502	3	High Impedance and Condenser Type Cord Circuits — Semi-Automatic Tests Using Test Circuit SD-62140-02 or SD-64468-01 — No. 1 Toll Switchboard	211-230-501	1	Miscellaneous Position Tests — No. 1 Toll Switchboards
211-218-501	1	Permanent Signal Cord Circuits — Manual Tests — No. 1 Toll Switchboard	211-231-501	1	Position Dial Circuits Used With Type A Cords — Tests — No. 1 Toll Offices
211-220-501	1	DC Keyset Circuits — Tests Using Test Circuit SD-56344-01 — No. 1 Toll Switchboard	211-232-501	2	Intertoll Dialing — Cord and Position Dial Circuits — Tests — No. 1 Toll Offices
211-221-501	1	MF Key Pulsing Key Monitoring Circuit — Tests — No. 1 Toll Switchboards	211-233-501	1	Position Coin Control Circuits — Tests — No. 1 Toll Switchboards
			211-234-501	1	Plug, Position, and Trunk Circuits — Operation Tests Using Test Set J64724 — No. 1B Toll Switchboards
			211-234-502	1	Plug and Position Circuits — AC Continuity and Balance Tests — Using Position Test Circuit — No. 1B Toll Switchboards
			211-235-501	1	No. 49 and 92 Switchboard Multiple Jacks — Tests Using Position Test Circuit — No. 1 and 1B Toll Switchboards
			211-236-501	1	Supervisor Circuits — Tests — No. 1 Toll Offices
			211-237-501	1	Operator Telephone Circuits — Tests — No. 1 Toll Offices

Number	Issue	Subject	Number	Issue	Subject
211-238-501	1	Peg Count Circuits — Tests — No. 1 Toll Offices	211-3 No. 3 Toll Offices and Toll Switchboards		
211-239-501	1	No. 1A or 1B Toll Cabinet — Tests — No. 1 Toll Switchboards	211-300-101	1	No. 3CL Switchboards — Switching Trunk Tandem Position — Description — Toll Systems
211-250-501	1	Discriminating Circuits — Tests — Using Test Circuit SD-64759-01 — No. 1B Toll Switchboards	211-303-501	3	Cord Circuits — Tests Using Test Circuit SD-55056-01 — No. 3C and 3CL Toll Switchboards
211-255-701	1	Toll Line AC Relays — Adjusting Circuit Per SD-62259-01 — Requirements and Adjusting Procedures — No. 1 Toll Offices	211-303-502	1	Cord Circuits — Tests Using Position Test Circuit — No. 3CF Toll Switchboards
211-260-501	2	Intertoll Dialing — Intertoll Trunk Circuit Operation Tests From Switchboard Position in No. 1 Toll Offices	211-303-503	4	Cord Circuits — Tests Using Test Circuit SD-61097-01 or SD-61097-02 — No. 3 Toll Offices
211-261-501	3	Ringdown Intertoll Trunks — Tests — No. 1 Toll Offices	211-303-504	3	Cord Circuits — Tests Using Test Circuit SD-63971-01 — No. 3 Toll Office
211-262-501	3	Toll Switching Trunks to Manual Offices — Tests — No. 1 Toll Switchboards	211-307-501	3	MF Keyset Circuits — Output Level 0 DBM Per Frequency — Tests — No. 3, 3C, or 3CL Toll Switchboards
211-263-501	1	Trunks to Community Dial Offices — Operation Tests — No. 1 Toll Switchboards	211-307-502	2	MF Keyset Circuits — Output Level — 3 DBM per Frequency — Tests — No. 3, 3C, and 3CL Toll Switchboards
211-264-501	3	Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests Using Connector Multiple Test Line SD-31636-01 — No. 1 Toll Switchboards	211-307-503	2	MF Keyset Circuits — Output Level -8 dbm Per Frequency — Tests — No. 3, 3C, and 3CL Toll Switchboards
211-264-502	2	Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests — Loop Back Method — No. 1 Toll Switchboards	211-307-504	1	MF Keyset Circuits Output Level — 6 DBM Per Frequency Tests No. 3, 3C, and 3CL DSA Switchboards
211-264-503	4	Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests With Assistant at Local Office — No. 1 Toll Switchboards	211-312-501	1	Plug and Position Circuits — AC Continuity and Balance Tests Using Position Test Circuit — No. 3B Toll Switchboards
211-264-504	3	Toll Switching Trunks to Step-by-Step Offices — Miscellaneous Tests — No. 1 Toll Switchboards	211-313-501	1	Plug, Position, and Trunk Circuits — Operation Tests Using Test Set J64724 — No. 3B Toll Switchboards
211-265-501	3	Toll Switching Trunks to Panel and Crossbar Offices — Tests — No. 1 Toll Switchboards	211-314-501	1	Position and Dial Circuits — Tests Using Position Test Circuit — No. 3CF Toll Switchboards
211-268-501	1	Toll Switching Trunks — Tests Using Combined DC-MF Trunk Test Set SD-56147-01 — No. 1 Toll Switchboards	211-315-501	2	Position, Dial, and DC Keyset Circuits — Tests Using Test Circuit SD-55056-01 — No. 3C and 3CL Toll Switchboards
211-269-501	2	Toll Switching Trunks — Tests Using MF Trunk Test Set SD-55922-01 — No. 1 Toll Switchboards	211-315-502	3	Position, Dial, and DC Keyset Circuits — Tests Using Test Circuit SD-61097-01 or SD-61097-02 — No. 3 Toll Switchboards

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211-315-503	3	Position, Dial, and DC Keyset Circuits — Tests Using Test Circuit SD-63971-01 — No. 3 Toll Switchboards	211-344-501	1	Link Circuit SD-90705-01 — Operation Tests — No. 3, 3C, or 3CL Toll Switchboards
211-316-501	1	Position Circuits — Miscellaneous Tests — No. 3B Toll Switchboards	211-346-501	2	Outgoing Trunk and Link Circuits — Key Pulsing — Tests — No. 3 Toll Offices
211-317-501	1	Multiple Jacks — Tests Using Position Test Circuit — No. 3CF Toll Switchboards	211-360-501	2	Intertoll Dialing Trunks — Operation Tests from Switchboard Position in No. 3 Toll Offices
211-318-501	1	No. 49 and 92 Switchboard Multiple Jacks — Tests Using Position Test Circuit — No. 3B and 3C Toll Switchboards	211-361-501	3	Ringdown Intertoll Trunks — Tests — No. 3 Toll Offices
211-319-101	1	AC Busy and Idle Indicating Lamp Signals — Description — Toll Switchboards	Addendum	1	
211-325-501	1	Supervisors Circuits — Tests — No. 3 Toll Offices	211-362-501	1	Toll Switching Trunks to Manual Offices — Tests — No. 3 Toll Switchboards
211-326-501	3	Operator Telephone Circuits — Tests — No. 3 Toll Offices	211-363-501	1	Trunks to Community Dial Offices — Operation Tests — No. 3, 3C, 3CF, and 3CL Toll Switchboards
211-327-501	1	Operator Telephone Circuits — Tests — No. 3C Toll Switchboards	211-364-501	4	Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests Using Connector Multiple Test Line SD-31636-01 — No. 3, 3C, 3CF, and 3CL Toll Switchboards
211-328-501	1	Operator Telephone Circuits — Tests — No. 3CF Toll Switchboards	211-364-502	2	Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests — Loop Back Method — No. 3, 3C, and 3CF Toll Switchboards
211-330-501	1	Peg Count Circuits — Tests — No. 3 Toll Offices	211-364-503	4	Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests With or Without Assistant at Local Office — No. 3, 3C, and 3CF Toll Switchboards
211-332-501	1	Key-Monitoring Circuits — Tests — No. 3 Toll Offices	Addendum	1	
211-334-101	1	Pad Control Relay Testing Circuit — Description — No. 3 Toll Offices and No. 11 Offices	211-364-504	2	Toll Switching Trunks to Step-by-Step Offices — Tests — No. 3, 3C, and 3CF Toll Switchboards
211-334-701	1	Pad Control Relays — Requirements and Adjusting Procedures Using Testing Circuit Per SD-63958-01 — No. 3 Toll Offices and No. 11 Offices	Addendum	1	
211-336-501	1	No. 1 Toll Cabinet — Tests — No. 3, 3C, or 3CF Toll Switchboards	211-365-501	3	Toll Switching Trunks to Panel and Crossbar Offices — Tests — No. 3, 3C, 3CF, and 3CL Switchboards
211-338-501	1	Incoming Trunk, Position, Telephone, Discriminating, and Dial Circuits — Tests — Emergency Toll Tandem Switchboards	211-368-501	2	MF Toll Trunks — Overall Operation Tests — No. 3, 3C, and 3CL Toll Switchboards
211-340-501	2	Energized Training Circuits — Tests — No. 3CL Switchboards	211-369-501	1	Intertoll Dialing — DC Key Pulsing Intertoll Trunks and Link Circuits — Operation Tests — No. 3 Toll Offices
211-342-501	1	Discriminating Circuits — Tests Using Test Circuit SD-64759-01 — No. 3B Toll Switchboards			

Number	Issue	Subject	Number	Issue	Subject
211-371-501	1	Delayed Call Operator Service Trunk SD- 1B103-01 — Tests — Toll Switchboard Arranged for Wideband	211-501-502	1	High Impedance and Condenser Type Cord Circuits — Tests Using Test Circuit SD- 55124-01 and Semi-Automatic Test Circuit SD-62140-01, SD-62140-02, or SD- 64468-01
211-4 No. 5 Toll Switchboards			211-501-503	1	High Impedance and Condenser Type Cord Circuits — Tests using Test Circuit SD- 55124-01 and Voltage Test Set SD-63674-
211-401-501	2	Position Test Circuit — Tests — No. 5, 5C, or 5D Switchboard	211-501-503	1	
211-402-501	3	Operator Telephone Circuit — Tests Using Position Test Circuit SD-68156-01 — No. 5, 5C, or 5D Switchboard	211-505-501	1	Cord Circuits — Tests using Test Circuit SD-55124-01
211-403-501	6	Position and Keyset Circuits — Tests Using Position Test Circuit SD-68156-01 — No. 5, 5C, or 5D Switchboard	211-505-502	1	Cord Circuits — Tests using Test Circuit SD-61097-01 or SD- 61097-02
211-405-501	4	Cord Circuits — Tests Using Position Test Circuit SD-68156-01 — No. 5, 5C, or 5D Switchboard	211-505-503	1	Cord Circuits — Tests Using Test Circuits SD-63971-01 or SD-55056-01
211-407-501	2	Multiplex Jack — Tests Using Test Circuit SD-68156-01 — No. 5, 5C, or 5D Switchboard	211-507-501	1	Position and Dial Circuits — Tests Using Test Circuit SD- 55124-01
211-420-501	2	Interposition Trunk Circuit — Tests — No. 5 Toll Switchboard — No. 4A and 4M Toll Switching Systems	211-507-502	1	Position, Dial and Keyset Circuits — Tests Using Test Circuit SD- 61097-01 or SD- 61097-02
211-430-501	2	Outgoing Trunk Circuits — (Not Appearing on Incoming Link Frames and Not Equipped With Test Jacks) — Tests — No. 5, 5C, or 5D Switchboards	211-507-503	1	Position, Dial and keyset Circuits — Tests Using Test Circuit SD- 63971-01 or SD- 55056-01
211-430-502	1	Transmission Tests No. 5 Type Toll Switchboards	211-509-501	1	Operator Telephone Circuits — Tests Using Test Circuit SD- 55124-01
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212-216-502	1	Incoming Senders, Sender Outpulsers, Outpulsers, Tests Using the Automated Incoming Sender and Register Test Frame SD-68491-01	212-301-301	2	Automatic Trouble Analysis — Trouble Reference Guide — Application and Use Index for 4A Toll Switching System With Common Channel Interoffice Signaling
212-217-501	6	Incoming Dial Pulse Register — Tests — Using Nonautomated and/or Automated Incoming Sender and Register Test Frame SD-68491-01	212-301-302	1	Automatic Trouble Analysis — Trouble Reference Guide — Decoder Channel Troubles for 4A Toll Switching Systems With Common Channel Interoffice Signaling
212-218-101	2	Outgoing Sender Test Frame — Description — No. 4A Toll Switching Offices	212-301-303	1	Automatic Trouble Analysis — Trouble Reference Guide — Stored Program Control Troubles for 4A Toll Switching System With Common Channel Interoffice Signaling
212-218-501	3	Outgoing Revertive and PCI Sender Test Frame SD-68372-01 — Tests — No. 4A Toll Switching System	212-301-304	1	Automatic Trouble Analysis — Trouble Reference Guide — Decoder Channel Linked to Marker Troubles for 4A Toll Switching System With Common Channel Interoffice Signaling
212-220-501	3	Outgoing Senders — Tests Using Automatic Outgoing Sender Test Frame — No. 4A Toll Switching System	212-301-305	1	Automatic Trouble Analysis — Trouble Reference Guide — Marker Troubles for 4A Toll Switching System With Common Channel Interoffice Signaling
212-222-501	2	Outgoing Sender Test Frame SD-68075-01 — Tests — No. 4M Toll Switching System	212-301-306	1	Automatic Trouble Analysis — Trouble Reference Guide — Sender Link Controller Troubles — 4A Toll Switching Systems With Common Channel Interoffice Signaling
212-224-501	4	Outgoing Senders — Tests Using Sender Test Circuit SD-68075-01 — No. 4M Toll Switching Systems	212-301-307	1	Automatic Trouble Analysis — Trouble Reference Guide — Outpulser Link Controller Troubles for 4A Toll Switching Systems With Common Channel Interoffice Signaling
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212-301-309	1	Automatic Trouble Analysis — Trouble Reference Guide — Transverter and Transverter Linked to Recorder Troubles for 4A Toll Switching Systems With Common Channel Interoffice Signaling	212-321-501	3	Auxiliary Recording Control Circuit — Tests
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212-313-501	6	Sender Link and Connector Circuits — Tests	■ 212-409-501	3	Network Control Circuit SD-68604-01 — Tests
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212-317-502	3	Outgoing Link and Connector SD-68644-01 — Tests	212-501-502	1	Busy Line Verification Network — Trunk Tests — Using Intertoll or Integrated Manual Test Frame SD-99604-01 or Manual Test Frame SD-68587-01 — No. 4A Toll Switching System
212-319-501	4	Incoming Register Link — Miscellaneous Tests	212-502-501	3	Plug-In Toll Switching Trunk Circuits Tests — Using Trunk Test Set SD-68597-01
212-321-301	2	Auxiliary Recording Control — Method of Operation	212-503-101	3	Automatic Transmission Test and Control Circuit (ATTCC) — Description

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212-505-101	3	Automatic Outgoing Intertoll Trunk — Test Circuit (AOIT) and Associated Teletypewriter — Description	212-514-105	2	Common Control Interoffice Signaling — Intraoffice Trunk Test Frame SD-68744- 01 — Description
212-505-301	2	Automatic Outgoing Intertoll — Trunk Test Frame — Cross Connections	212-514-301	3	Automatically Directed Outgoing Intertoll Trunk Test Frame SD-68588-01 — Compiling Data for Control Card Preparation
212-505-501	4	Automatic Outgoing Intertoll Trunk Test Frame — Tests	212-514-302	3	Automatically Directed Outgoing Intertoll Trunk Test Frame SD-68588-01 — Control Card Preparation
212-507-501	7	Automatic Outgoing Toll — Connecting Trunk Test Circuits — SD-68373-01 and SD-68076-01	212-514-303	2	Automatically Directed Outgoing Intertoll Trunk Test Frame SD-68588-01 — Arrangement of Input Control Card Deck
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212-511-301	2	Automatic Outgoing Toll Connecting Trunk Test Frame SD-68373-01 — Cross Connections	212-514-502	2	Automatically Directed Outgoing Intertoll Trunk Test Frame SD-68588-01 — Tests of IBM 870 Document Writing System
212-512-101	4	Automatic Outgoing Trunk Test Frame SD- 68580-01 — Description	212-514-504	2	Common Channel Interoffice Signaling — Intraoffice Test Frame SD-68744-01 Tests in a 4A Toll Switching System
212-512-301	3	Automatic Outgoing Trunk Test Frame SD- 68580-01 — Compiling Data for Control Tapes	212-514-505	1	Common Channel Interoffice Signaling Trunk Tests Using CCIS Intraoffice Trunk Test Frame in No. 4A Toll Switching System
212-512-302	3	Automatic Outgoing Trunk Test Frame SD- 68580-01 — Control Tape Preparation	212-514-701	3	Automatically Directed Outgoing Intertoll Trunk Test Circuit SD-68588-01 — Build- Out Resistor Assembly Adjustment
212-512-501	4	Automatic Outgoing Trunk Test Circuit SD-68580-01 — Tests	212-516-501	1	Data Converter Interim Test Circuit — SD-71062-01 — Tests
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212-512-701	1	Automatic Outgoing Trunk Test — Circuit SD-68580-01 — Built-Out Resistor Assembly Adjustment	212-517-501	3	Manual Test Frame — Circuit SD-68587- 01 — Tests
212-513-501	5	CAMA Incoming Trunk Test Circuit — Tests	212-517-701	2	Manual Test Frame SD-68587-01 — Amplifier Adjustment and Compensation for Access Loss
212-513-502	1	Signaling Analysis Connector Frame SD- 68768-01 — Tests	212-518-101	2	Miniature Printed Wiring Board — Plug-In Trunk Frame SD-68755-01 — Description — No. 4A Toll Switching System

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212-522-501	4	Outgoing Trunk Identification Circuit — Tests	212-563-502	2	Outgoing, 2-Way Intertoll and Common Channel Interoffice Signaling Trunks Using ADOIT SD-68588-01 With EM-D2 NCR Card Reader
212-524-501	1	Camp-On Circuit — Miscellaneous Tests	212-564-501	3	Toll Connecting Trunks — Manual Transmission Tests Using Trunk Test Circuit SD-68076-01 or SD-68373-01 and Test Trunk Circuit SD-68547-01
212-528-501	8	Announcement Connecting Trunks — Tests — Using Test Circuit SD-68076-01, SD-68373-01, SD-68580-01 — Manual Test Frame SD-68587-01, and Integrated Manual Test Frame SD-99604-01	212-564-502	2	Toll Connecting Trunks — Manual Transmission Tests Using Trunk Test Circuit SD-68580-01 and Test Trunk Circuit SD-68547-01
212-528-502	1	Group Busy Chain Relay Circuits and Directional Reservation Circuits — Tests	212-564-503	1	Outgoing Toll Connecting Trunks — Manual Transmission Tests Using Automatic Outgoing Toll Connecting Trunk Test Circuit SD-68076-01, SD-68373-01 or SD-68580-01
212-530-501	7	Incoming (One-Way) Intertoll Trunk Circuit — Tests — Using Test Circuit SD- 68359-01	212-564-504	2	Message Timing and Register Circuit — Frame for INWATS Trunks — SD-68763- 01 — Tests
212-530-502	2	Incoming (One-Way) Intertoll Plug-In Trunk Circuit SD-68626-01 — Tests — Using Test Circuit SD-68359-01 and SD- 68755-01	212-565-501	2	Outgoing Toll Tandem Trunks — to Toll Tandem Switchboards — Tests Using Test Circuit SD-68359-01
212-534-501	9	Incoming Toll Tandem Trunk Circuits — Test Using Test Circuit SD-68359-01	212-566-501	7	Toll Switching, TX, and Miscellaneous Outgoing Trunks Arranged for MFP, RP, DP, CI, or CA Operation — Tests Using Test Circuit SD-68076-01 or SD-68373-01
212-534-502	2	Incoming Toll Tandem Plug-In Trunk Circuit — Tests — Using Test Circuit SD- 68359-01 and SD-68755-01	Addendum	1	
212-536-501	2	Incoming Trunks to No. 5 Toll Switchboard From Toll Switchboards — Test Using Test Circuit SD-68359-01	212-566-502	5	Toll Switching, TX, and Miscellaneous Outgoing Trunks Arranged for Manual or Straightforward Operation — Tests Using Test Circuit SD-68076-01 or SD-68373-
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212-560-502	2	Outgoing (One-Way) Intertoll Plug-In Trunk Circuit — Tests — Using Test Circuit SD-68359-01 and SD-68755-01	212-566-503	2	Sequential Non-Tape Controlled — Operational and Transmission — Tests of Outgoing Trunks Using Test Circuit SD- 68580-01
212-562-501	3	Automatic Operational and Transmission Tests of Intertoll Trunks Using Automatic Outgoing Intertoll Trunk (AOIT) SD-68404-01 and the Automatic Transmission Test and Control Circuit (ATTC) SD-68446-01	212-566-504	2	Tape — Controlled Transmission and Operational Tests of Outgoing Toll Switching Trunks Using Test Circuit SD-68580-01
212-563-501	2	Outgoing, 2-Way Intertoll and Common Channel Interoffice Signaling Trunks Using ADOIT SD-68588-01			

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212-566-505	1	Miscellaneous Manual — Operational Tests of Outgoing Trunks Using Trunk Test Circuit SD-68580-01	212-571-501	2	Intertoll Trunks — Operational Tests Using Intertoll or Integrated Manual Test Frame SD-99604-01 — No. 4A Toll Switching System
212-566-506	1	Outgoing Toll Switching or Metallic Intertoll Plug-In Trunk Circuit SD-68623-01 — Tests — Using Test Circuit SD-68359-01 and SD-68755-01 — No. 4A Toll Switching System	212-571-502	2	Intertoll Trunks — Transmission Tests Using Intertoll or Integrated Manual Test Frame SD-99604-01
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212-567-501	1	Toll Switching Trunks — Operational Tests — Using Manual Test Frame SD-68587-	212-571-504	3	Toll Switching Trunks — Operational Tests — Using Integrated Manual Test Frame SD-99604-01
212-567-502	2	Toll Switching Trunks — Transmission Tests Using Manual Test Frame SD-68587-01	212-571-505	3	Toll Switching Trunks — Transmission Tests — Using Integrated Manual Test Frame SD-99604-01
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212-568-501	2	Outgoing Trunk From No. 5 Toll Switchboard — Appearing on Incoming Link and Connector Frames — Tests Using Test Circuit SD-68359-01	212-572-101	1	Trunk Status Display System Associated With the Intertoll or Integrated Manual Test Frame — Description and Operation
212-569-501	1	Outgoing Trunks From No. 5 Toll Switchboards (Not Appearing on Incoming Link Frames) — to Toll Tandem and Toll Switchboards — Tests Using Test Circuit SD-68359-01	212-572-501	2	Trunk Status Display System Associated With the Intertoll or Integrated Manual Test Frame — Tests
212-570-101	4	Intertoll or Integrated Manual Test Frame SD-99604-01 — Description — No. 4A Toll Switching System	212-580-501	7	Two-Way Intertoll Trunk Circuit — Tests Using Test Circuit SD-68359-01
212-570-102	1	Outgoing Trunk Test Connector Frame SD-68748-01 — Description	212-580-502	2	Two-Way Intertoll Plug-In Trunk Circuit — Tests — Using Test Circuit SD-68359-01 and SD-68755-01
212-570-103	2	Test Trunk and VF Link Jack Circuit SD-1C600-01 — Used With the Integrated Manual Test Frame — Description and Method of Operation — No. 4A Toll Switching System			
212-570-501	2	Intertoll or Intergrated Manual Test Frame SD-99604-01 — Tests			

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212-583-501	1	Overseas Operator Bridged Access Intraoffice Trunk Circuit SD-68706-61 — Tests — Using Trunk Test Set Circuit SD-68359-01	Addendum	1	
212-585-501	3	Data Converter Circuit — SD-71050-01 — Tests Using Interim Test Circuit SD-71062-01	212-712-503	1	CAMA Transfer Trunks — Transmission Tests to a TSPS
212-587-101	2	CCIS Printed Wiring Board — Plug-In Trunk Frame — SD-68759-01 — Description	212-713-502	5	CAMA Calls Waiting Signal Circuit and CAMA 2-Way Signaling Circuit — Manual Tests
212-587-301	3	Procedures for Adding, Removing, or Reassigning Common Channel Interoffice Signaling Trunks — No. 4A Toll Switching System	212-720-301	2	Master Timing Circuit SD-25633-01 — Taking Equipment Out of Service
212-587-302	2	Test Panel in Printed Wiring Board Plug-In Trunk Frame SD-68759-01 — Method of Operation — No. 4A Toll Switching System	212-720-302	4	Master Timing Circuit SD-25633-01 — Methods of Handling Alarms
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212-700-010	1	Cross-Connection Forms — CAMA Equipment	212-730-501	4	CAMA Sender Link and Connector Circuit — Tests
212-703-501	1	CAMA Line Observing Number Matching — Miscellaneous Tests	212-735-501	5	Transverter — Tests Using the Nonautomated and/or Automated Incoming Sender and Register Test Frame SD-68491-01
212-710-501	1	CAMA Switchboard Suspension — Tests	Addendum	1	
212-711-501	2	CAMA Position Circuit Tests Using the Nonautomated and/or Automated Incoming Sender and Register Test Frame SD-68491-01	212-735-502	2	Transverter — Miscellaneous Tests
212-712-501	2	CAMA Position Link Tests Using Nonautomated and/or Automated Incoming Sender and Register Test Frame, SD-68491-01	212-736-501	2	Trunk Class Translator Circuit — Tests
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			212-737-501	2	Transverter Connector
			212-740-501	5	Recorder and Recorder Connector Circuit — Tests
			212-745-501	2	Billing Indexer — Tests Using Automatic Incoming Sender and Register Test Frame SD-68491-01
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212-800-101	1	Diagnostic Program Organization and Language in a 4A Toll Switching System — Common Channel Interoffice Signaling Office	212-807-502	4	Voice Frequency Link and Access Circuit Tests in a 4A Toll Switching System Using the Integrated Manual Test Frame
212-801-101	2	Peripheral Scanner — Description	212-808-101	2	Central Pulse Distributor Appliance — SD- 68608-01 — Description
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212-801-801	1	Ferrod Sensors — Replacement Procedures	212-810-102	3	Common Channel Interoffice Signaling — Call Processing Within the No. 4A Toll Switching System
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212-802-301	4	Electric Translator System and Store Program Control — Out of Service and Power Removal Procedures	212-812-302	3	Change Message Teletypewriter Tape Preparation
212-803-101	1	Distributor Register — General Description	212-812-303	1	Change Message Magnetic Tape Preparation
212-803-502	5	Distributor Register SD-68605-01 — Tests	212-814-301	3	Data Table — Memory Change Procedures — With PBC for Non-CCIS and CCIS Offices
212-804-101	2	Common Channel Interoffice Signaling — Distributor and Scanner Frame — Description — No. 4A Toll Switching System	212-816-501	2	ETS Data Verification
212-804-102	1	Distribution and Scanner Circuit Fault Recovery — Description in the No. 4A Toll Switching System	212-816-502	2	Common Channel Interoffice Signaling — Routing Data Verification — No. 4A
212-804-501	1	Distributor and Scanner Frame SD-68747- 01 Test — No. 4A Toll Switching System	■ 212-819-301	1	Maintenance Interrupts — Analyzing and Trouble-Locating Procedures
212-804-701	1	Distributor and Scanner Matrix Repair Procedure for Common Channel Interoffice Signaling in the No. 4A Toll Switching System	■ 212-820-301	3	Call Processing Recovery Procedures
212-804-702	1	Distributor and Scanner Controller Recovery and Repair Procedure for Common Channel Interoffice Signaling in the 4A Toll Switching System	■ 212-820-302	3	Recovery From Catastrophic Troubles Using Dead Start Procedures — No. 4A Toll Switching System
212-805-501	8	Alarm and Display Circuit — Tests	212-820-304	2	Emergency Recovery Flowchart — 4A Toll Switching System
212-806-501	4	Decoder Channel — Tests Using the Decoder-Marker — Test and Trouble Recorder Circuit — Miscellaneous Tests	212-822-101	2	Traffic Data Transmitter Circuit — Description

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212-822-302	2	Point Network Control Point — 800 Service Data Base Measurements, Reports, and Data Base Updating	212-830-302	1	Use of the ETS Channel 10 Teletypewriter for DEC® Diagnostic Programs on the PBC
212-822-501	1	Traffic Data Transmitter — Tests	212-840-101	6	Peripheral Bus Computer — Used in an Office Equipped for Electronic Translator System or Signal Transfer Point Operation — Description
■ 212-824-101	1	Electronic Translator Input Circuits — Description	212-840-102	3	AC Bus Repeater and Bus to Bus Access Circuit Used With the Peripheral Bus Computer — Description
■ 212-825-101	1	Output Circuits — Description	212-840-103	3	Traffic Data Converter and Access Circuit Used With the Peripheral Bus Computer — Description
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212-826-302	4	System Evaluation Procedures — 4A Common Channel Interoffice Signaling — Switching Office	Addendum	1	
212-826-303	4	System Evaluation Procedures — Common Channel Interoffice Signaling — Electronic Translator System/Signal Transfer Point and Stored Program Control/Signal Transfer Point	212-840-105	1	Traffic Usage Facilities Using Peripheral Bus Computer — Description and Method of Operation
212-826-304	1	Common Channel Interoffice Signaling — Network Routing Description and Tests	212-840-106	4	Peripheral Bus Computer — Used in a Common Channel Interoffice Signaling Switching Office — Description
■ 212-827-101	1	General Growth Description	212-840-107	2	Peripheral Bus Computer — System Integrity — No. 4A
■ 212-827-102	2	General Growth Description — 4A Toll Switching Offices Converted to Common Channel Interoffice Signaling	212-840-108	3	Maintenance Reports From Peripheral Bus Computer — No. 4A/4M Toll Switching System — Description
212-827-103	2	Signal Transfer Point and Stand-Alone Signal Transfer Point — Offices With or Without the Network Control Point — Description and Operation	212-840-109	2	Peripheral Bus Computer — Dial-Up Data Port — Description
■ 212-827-301	1	Procedures for Changing Data Tables Via Recent Changes for Electronic and Electromechanical Growth	212-840-301	4	Peripheral Bus Computer System — Method of Operation
212-827-302	2	Procedures for Converting a 4A Electronic Translator Office to a Common Channel Interoffice Signaling Switching Office	212-840-302	5	Peripheral Bus Computer — System Evaluation
212-827-303	2	Procedure for Converting a 4A ETS/STP Office to a CCIS — Stored Program Control/Signal Transfer Point Office	212-840-303	4	The No. 4A/4M Toll Switching System Not Having Common Channel Interoffice Signaling — Memory Change Procedures
212-827-304	1	Signal Transfer Point — Conversion — No. 4A Electronic Translator CCIS Office — To Stored Program Control (SPC) CCIS Office	212-840-304	3	Peripheral Bus Computer — Plant Analysis Support System for ETS and CCIS/STP Offices

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212-840-306	3	Common Channel Interoffice Signaling — Memory Change Procedures in the 4A Toll Switching System	Addendum	1	
212-840-307	4	Peripheral Bus Computer — Plant Analysis Support System for a Common Channel Interoffice Signaling Switching Office	212-840-504	1	Ineffective Attempt and Sender Retrieval Sender Progress — Test Procedures — ETS Peripheral Bus Computer Office
212-840-308	3	Audits and Route Verification of the Common Channel Interoffice Signaling Data Base Resident in the No. 4A and 4M Toll Switching System and Peripheral Bus Computer	212-840-505	2	Distributor and Scanner Used With the Peripheral Bus Computer — Tests
212-840-309	2	Audits and Route Verification of the Non- CCIS Data Base Resident in the No. 4A and 4M Toll Switching System and Peripheral Bus Computer	212-840-506	3	Peripheral Bus Computer Alarm and Status Panel — Tests
212-840-310	2	Peripheral Bus Computer — Error Logging System — Description and Operation	212-840-507	2	Peripheral Bus Computer Input/Output Terminal Transfer Circuit SD-68770-01 — Tests — No. 4A Toll Switching System
212-840-311	2	Automatic Trouble Analysis — Description and Operation in a 4A Toll Switching Office With Common Channel Interoffice Signaling	212-840-509	2	Peripheral Bus Computer — On-Line Disk Diagnostics and Exercises for Trouble Location
212-840-501	3	Peripheral Bus Computer — Trouble Locating Tests	212-840-510	1	Peripheral Bus Computer — On-Line Trouble Locating Core Diagnostics and Exercises
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216-252-501	4	Subscriber Sender Link and Controller SD-25004-01 — Tests	216-273-501	5	Vacant Code Trunks — Tests
216-252-502	3	Subscriber Sender Link and Controller SD-25554-01 — Operation Tests	216-274-501	2	Operators' Recording-Completing Trunks — Tests
216-255-501	2	Key Pulsing "A" Operator Sender Link Controller — Tests	216-275-501	6	Outgoing Trunks — Arranged for Dial Coin Zone Service — Tests Using Coin Trunk Test Set SD-96372-01 (J94721A)
216-256-501	7	Auxiliary Sender Link — Miscellaneous Tests	216-276-501	4	Outgoing Trunks — Tests Using Outgoing Trunk Test Frame SD-25177-01
216-258-501	3	Code Compressor SD-96527-01 — Tests Using Code Compressor Trouble Indicator	216-277-501	6	Trunk Circuits — Tests Using Automatic Incoming Test Circuit SD-25161-01
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216-261-502	5	Originating Marker — Miscellaneous Tests	216-301-502	2	Full Selector Terminating Senders — Tests Using Outgoing Trunk Test Circuit SD-25177-01 and Test Selection Circuit SD-25437-01
216-261-503	1	Originating Marker — Route and Rate Cross-Connections Tests Using Route and Rate Verification Test Circuit SD-27720-01	216-303-501	4	Multifrequency Terminating Sender and Associated Receiver — Tests Using Automatic Terminating Sender Test Circuit SD-25159-01
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216-271-501	4	Subscriber Recording-Completing Trunks and Special Service Trunks — Tests Using Outgoing Trunk Test Frame SD-25177-01	216-331-502	6	Terminating Marker SD-25283-01 and Terminating Marker Applique SD-27765-01 — Miscellaneous Tests
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216-372-501	4	Incoming Trunks Using Outgoing Trunk Test Frame SD-25177-01	216-403-301	2	Subscriber Line Link Frame
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216-381-501	5	Incoming Trunks — Tests Using Test Set SD-25187-01 (J24751A)	216-407-301	1	District Link Frame
216-385-501	2	Translator Preference Control SD-27756-01 and Translator Connector SD-27755-01 For Use with Direct-In-Dialing — Tests Using Terminating Trouble Indicator SD-25284-01	216-409-301	1	District Coin Control Circuit — Coin Control Link and Control Frame — Key Pulsing "A" Sender Link and Control Frame
216-386-501	1	Translator for Direct-In-Dialing SD-27754-01 — Tests Using TT1 SD-25284-01	216-410-301	2	Office Link Frame
216-387-501	2	Direct Access Pretranslator Connector SD-27822-01 and Preference Control Circuit SD-27821-01 — Tests Using DID Test Circuit SD-27766-01	216-411-301	1	Zone Registration and Control Circuit SD-25320-01
216-388-501	1	Direct Inward Dialing — Line Circuits SD-27752-01 and SD-27753-01 — Tests Using DID Test Circuit SD-27766-01	216-412-301	5	Alarm Sending and Transfer Circuits
216-388-502	1	No. 101 ESS™ Central Office Trunk Circuit SD-1H077-01 — Tests Using Dial Test Circuit SD-27766-01	216-413-301	1	Number Group Connector Circuit
216-389-501	1	Outgoing Sender Connectors SD-27758-01 and SD-27759-01 — Tests	216-415-301	1	Subscriber and Key Pulsing Senders
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216-392-501	1	Outgoing Sender Circuit SD-27962-01 Tests Using Outgoing Sender Test Circuit SD-27965-01	216-419-301	1	Originating Marker Connector Frame
216-394-501	1	Outgoing Sender Group-Busy Circuit SD-27763-01 — Tests	216-421-301	2	Terminating Sender Link and Controller Circuit — Terminating, "B", Dial Pulsing and MF Key Pulsing Senders
216-397-501	2	A1S Line Circuits SD-27750-01 and SD-27751-01 and MF Outgoing Sender SD-27761-01 — Tests Using Outgoing Trunk Test Frame SD-25177-01	216-423-301	1	Terminating Marker and Terminating Marker Connector Frames
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			216-429-301	1	Line Choice Connector Circuit Per SD-25275-01
			216-431-301	1	Number Checking Equipment
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216-5 Method of Handling Alarms, Trouble Reports, and Other Signals			216-540-301	1	Terminating Marker — Alarm Routine
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216-510-301	1	Subscriber Line Link Frame — Alarm Routine	216-546-301	2	Transverter — Alarm Routine
216-511-301	3	District Link, Trunk Link and Office Link Frames — Alarm Routine	216-548-301	1	Transverter Connectors — Alarm Routine
216-512-301	3	Interrupter Checking Circuit Alarm Routine — District Junctions and Tandem Trunks	216-550-301	2	Transverter Trouble Indicator — Alarm Procedure — Offices Arranged for AMA
216-513-301	1	Coin Control Circuit — Time Alarm Routine	216-552-301	1	Recorder and Recorder Connector — Alarm Routine
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216-518-301	1	Subscriber Sender Link and Controller — Trouble Indicator Routine for Handling Alarms and Displays	216-572-301	1	Permanent Signal Holding Trunks — Method of Handling Permanent Signals — Offices Arranged for AMA
216-520-301	1	Key Pulsing "A" Sender Link and Control Frame — Coin Control Link and Control Frame — Alarm Routine	216-572-302	3	Permanent Signal Holding Trunks — Method of Handling Permanent Signals — Offices With or Without Automatic Number Identification
216-522-301	1	Originating Marker — Alarm Routine	216-575-301	1	Coin Supervisory Signals — Method of Handling When Served by a DSA Board in Another Building
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216-530-301	1	Permanent Signal Overflow — Alarm Routine — Offices Not Arranged for AMA	Addendum	1	
216-532-301	2	Incoming Trunk Frame — Alarm Routine	216-600-302	1	Terminating Trouble Indicators — Automatic Trouble Analysis — Trouble Reference Guide
216-534-301	1	Incoming Link and Connector Frame — Line Choice Connector Frame — Number Group Connector Frame — Alarm Routine	216-600-303	1	ANI Trouble Ticketer — Automatic Trouble Analysis — Trouble Reference Guide
216-536-301	2	Terminating Sender — Time Alarm Routine	216-600-304	1	Controller Trouble Indicator — Automatic Trouble Analysis — Trouble Reference Guide

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216-600-306	1	Stuck Sender Trunk Identification — Automatic Trouble Analysis — Trouble Reference Guide	216-633-301	1	Open Transmitting Lead Between Originating Marker and Sender
216-601-300	3	Analyzing, Locating and Clearing Trouble Conditions	216-635-301	1	Office Frame ST Lead Crossed With Battery
216-601-301	2	Analyzing, Locating and Clearing Trouble Conditions — Index for Sections Covering Trouble Conditions	216-637-301	1	Crossed Contacts of Office Link Frames SS Relays
216-603-301	1	Crosses or False Grounds on Subscriber Line Link Frame — LR Relay	216-639-301	1	Failure of Office Link and Connector MP Relay
216-605-301	2	Line Link Double Connections or Originating Calls — No Alarm Indications	216-641-301	1	Falsely Grounded Terminating Sender FC Lead
216-607-301	1	Falsely Grounded District Junctor DC Lead	216-643-301	3	Terminating Sender Link Alarms Due to False Ground on the SM Lead
216-609-301	1	Open Subscriber Sender of Relay Shunt Circuit	216-644-301	2	Falsely Grounded Terminating Sender Link FC Lead
216-610-101	1	Stuck Sender Trunk Identification (SSTI) Feature — Description, Operation, and Trouble Locating	216-645-301	1	Falsely Grounded Terminating Sender D Lead
216-611-301	1	Crossed Contacts of Subscriber Sender Link GP Relay	216-647-301	1	Failure of Terminating Marker Short Time Out
216-613-301	1	Falsely Grounded Subscriber Sender Link DC Lead	216-649-301	1	Terminating Marker Continuity Failure — Operating Path of Incoming Link and Connector RS Relay and Terminating Marker MKO Relay
216-615-301	2	Failure of Subscriber Sender Link Controller To Start or Time Out	216-651-301	1	Terminating Marker FCG Trouble in Common Equipment
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216-619-301	1	Failure of a Subscriber Sender Link G Relay to Close the OG Lead	216-655-301	1	Falsely Grounded Terminating Marker RL or TRL Lead
216-621-301	1	Stuck Key Pulsing Senders with KR1 and KRA Relays Normal	216-655-302	1	Crossed Contacts on Terminating Marker OH or EH Relay
216-623-301	1	False Trouble Release from Originating Marker — Due to Crossed Contacts on the DT1 Relay	216-657-301	1	Audible Ringing Without Ringing Subscriber — No Incoming Link Cross Point Trouble
216-625-301	2	Crossed Originating Marker Multiple SL Leads	216-659-301	2	Falsely Grounded Incoming Trunk FC Lead
216-627-301	2	Premature Release of Originating Marker	216-661-301	1	Falsely Grounded Incoming Link Primary Hold Magnet Operating Lead in Common Equipment of an Incoming Link Frame
216-629-301	1	False Continuity of Originating Marker Connector DC Lead	216-667-301	1	Falsely Grounded Number Group RF or TF Terminal
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216-667-304	2	Falsely Operated Number Group Connector MCB or MCC Relay	216-715-301	4	Terminating Sender Link and Controller SD-25028-01 and SD-25459-01 — Cross Connections
216-667-305	1	Failure of Number Group Connector HB Relay	Addendum	3	
216-667-306	1	Falsely Operated Number Group Connector TB Relay	216-717-301	3	Terminating Marker — Cross-Connections
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216-667-308	1	Crossed Number Group Common NS Lead and Individual NC Lead	216-719-301	7	Block Relay Frame and Line Distributing Frame — Cross-Connections
216-667-309	1	Crossed or Falsely Grounded Number Group Connector NS Leads	216-719-801	3	Line Distributing Frame and Block Relay Frames — Cross Connections
216-667-310	1	Crossed Number Group Connector NF Leads	216-720-101	3	Incoming Trunk Test Frame SD-25161-01 — Description and Operation
216-667-311	1	Number Group Connector Block Relay Frame — Line Link Pulsing Diodes Open or Shorted	216-720-301	9	Incoming Trunk Test and Connector Frames SD-25161-01 — Cross-Connections
216-669-301	1	False PBX Trunk Busy Condition	216-730-501	2	Verification Request and Intercept Trunks — Tests Using Outgoing Trunk Test Frame SD-25177-01
216-671-301	3	False Routing of Calls to Intercept	216-732-501	2	Plugging-Up Line Circuits — Tests
216-673-301	1	Crossed or Falsely Grounded Line Choice Connector TK Lead	216-734-501	1	Number Checking Train — Tests
216-7 Distributing Frames and Cross Connections, Switchboards, Miscellaneous Tests, and Testing Equipment			216-736-501	1	DSA Switchboard — No Test Train — Tests
216-701-301	1	Wire Types	216-738-501	2	Dial Terminating Manual Subscriber Line Circuit SD-25040-01 — Tests
216-703-301	3	Subscriber Line, Line Link and Controller and Subscriber Sender Link and Controller — Cross Connections	216-740-501	2	Recording Completing Cord Circuits — No. 15C Or 15D "A" Switchboard — Tests
216-705-301	1	Subscriber Line Overflow Register — Cross Connections	216-741-501	4	Intercepting Operator's Cord Circuits — "A" Switchboard Equipped with Dials or Keysets — Operation Test using Testing Circuit SD-20444-01 or SD-90501-011
216-705-501	1	Subscriber Line Overflow Register Circuit — Tests	216-742-501	6	Switchboard Cord and Operator Telephone Circuit — Tests — No. 1 Crossbar Offices
216-707-301	1	Key Pulsing Sender Link Controller and Coin Supervisory Link Controller — Cross Connections	216-742-503	4	Cord Circuit Sleeve Relays — "A" Switchboard Equipped with Dials or Keysets — Tests
216-709-301	1	Originating Sender Test Frame — Cross Connections			
216-711-301	9	Originating Marker and 3-Digit Translator — Cross-Connections			
216-712-801	3	Cross-Connection Methods — Markers, Test Frames and Traffic Register Distributing Frames			

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216-742-507	5	Special Service Cord Circuits — "A" Switchboard Equipped With Dials or Keysets — Operation Test Using Test Circuit SD-20444-011, SD-25474-011 or SD-90501-011	216-782-501	2	Controller Trouble Indicator — Tests
216-750-501	8	Fuse Alarms — Tests	216-783-501	4	Originating and Auxiliary Sender and Transverter Test Frame — Tests
216-751-501	4	Motor Stop Alarm — Tests	Addendum	1	
216-752-501	2	Line Load Control — Tests	216-784-501	3	Automatic Incoming Trunk Test Circuit SD-25161-01 — Tests
Addendum	1		216-785-501	1	Zone Registration and Timing Test Circuit — Tests
216-753-501	2	Originating and Terminating Sender Load Control — Tests	216-786-501	4	Line Insulation Test Frame — Maintenance and Calibration Tests
216-754-501	6	Revertive Pulse Interrupter — Terminating Senders — Tests	216-787-501	3	Transverter Trouble Indicator
216-755-501	1	Simulated Heavy Traffic Load Tests	216-788-501	4	Terminating Sender — Test Circuit SD-25159-01 — Tests
216-759-501	1	Call-Through Tests	216-789-501	7	Originating Trouble Indicator — Tests
216-761-501	1	Ringing Interrupter and Alarm Circuit — Tests	216-791-501	5	Terminating Trouble Indicator — Tests
216-763-501	7	Plant Registers — Tests	216-793-501	2	Dial Coin Zone Concentrating Circuit — Miscellaneous Tests
216-765-501	11	Traffic Registers Tests	216-8 Automatic Message Accounting		
216-767-501	1	Subscriber Sender Supervisory — Meter Circuit — Tests	216-800-301	3	Method of Handling Complaints and Requests Involving Charge Irregularities
216-769-501	5	Trunk Transmission Tests — Provided with Manual Outgoing Trunk Test Frame SD-25177-01	216-800-302	3	Central Office Equipment — Precautions to Limit Stoppages in No. 1 Accounting Center
216-769-502	1	Test Desk and Repair Service Desk Telephone Circuits — 1000-Cycle Transmission Tests	216-800-303	2	Charge Irregularities on Crossbar Tandem CAMA Calls — Method of Handling Complaints and Requests
216-769-503	1	Trunk Transmission Tests — Circuits Terminated at Commercial ACD — Using OGT Test Frame SD-25177-01	216-801-501	6	Transverter Tests — Using Sender and District Junctor Test Circuits
216-770-501	1	Telecommunications Alarm Surveillance and Control (TASC) — Interconnection Circuit Tests	216-801-502	4	Transverter — Miscellaneous Tests
216-771-501	7	Alarm Sending and Transfer Circuits — Test	216-803-501	4	Transverter Connectors SD-25804-01 — Miscellaneous Tests
216-772-501	1	Voice Alarm Circuit SD-27984-01 — Tests	216-804-501	1	Auxiliary Transverter Link — Miscellaneous Tests
216-773-501	2	Emergency Transfer Circuit Per SD-96425-01 to Provide Emergency Manual Service for Dial Subscribers — Tests	216-805-501	1	Translators — Tests Using Sender Test Frame
▲216-780-000	2	Remote Office Test Line (ROTL)			
216-780-101	2	Remote Office Test Line (ROTL) SD-28607-01 — Descriptive Information			

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216-807-501	6	Recorder and Recorder Connector Circuits SD-25872-01 — Tests — Arranged for AMA Paper Tape	216-903-502	1	Trouble Ticketer Circuit SD-95816-01 — Offices Equipped With Common Systems Message Printer — Tests
216-809-501	2	Call Identity Indexer Circuit SD-25621-01 — Tests	Addendum	1	
216-811-501	3	Call Count Process Control — Storage and Register Circuit — Tests	216-905-501	3	Outpulser Circuit — Operation Tests
216-813-301	5	Master Timing Circuit SD-25633-01 — With Six-Second Timing Features — Methods of Handling Alarms	216-905-502	4	Outpulser Circuits — Miscellaneous Tests — Arranged for ANI-Type B
216-813-302	2	Master Timing Circuit SD-25633-01 — Taking Equipment Out of Service	216-906-501	4	Outpulser Connector Circuit — Tests
216-813-303	3	Master Timing Circuit SD-25633-01 — Daylight Saving Time and Leap Year Changes	Addendum	1	
216-813-304	1	Master Timing Circuit SD-25633-01 — With One Second Timing Features Method of Handling Alarms	216-907-501	4	Identifier Circuit — Tests
216-813-501	8	Master Timing Circuit SD-25633-01 — Six-Second Timing Features — Tests	216-908-501	2	Oscillator Circuits — Functional Tests
216-813-502	1	Master Timing Circuit SD-25633-01 — One-Second Timing Features — Tests	216-910-501	6	Outgoing Trunks — Tests Using Automatic Trunk Test Circuit SD-95889-01
216-815-501	2	ANI Outgoing Trunks — Tests Using Trunk Test Circuit SD-27587-01	216-910-502	4	Automatic Trunk Test Circuit SD-95889-01 for Testing ANI Trunks — Miscellaneous Tests
			216-911-801	7	Number Network Frame — 313A and 313B Panels — Piece-Part Data and Replacement Procedures — Arranged for ANI-Type B
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Addendum	1	
216-901-302	3	Analysis of Trouble Tickets
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218-000-001	5	Alphabetical Index No. 5 Crossbar
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218-001-023	5	ETL — Miscellaneous Equipment — Common Items — Offices with Master Test Frame
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218-001-029	1	ETL — Wideband Circuits — Offices with Master Test Frame
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218-002-019	2	ETL — 2-Way Toll Trunks — Offices with Office Test Frame
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218-002-020	5	ETL — Miscellaneous Trunks — Offices With Office Test Frame
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218-010 General Information			❶ 218-100-020	1	General Description — No. 5A Crossbar
Addendum	1		❶ 218-100-022	1	Local Automatic Message Accounting — Computerized (LAMA-C)
218-012-301	6	Cross-Connection and Record Forms	❶ 218-100-300	1	General Descriptive Information — Electronic Translation System
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218-040 Measurements			❶ 218-100-320	1	Operational Features — Automatic Message Accounting — Electronic Translation System
❶ 218-040-020	1	General Description	❶ 218-100-322	1	Network Management — Electronic Translation System
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❶ 218-040-022	2	Operation and Provisioning — Network Counters — No. 5 Crossbar	218-102-501	14	Line Verification — Tests Using Master Test Frame
❶ 218-040-024	1	Network Maintenance Register — Operation and Provision	218-102-502	9	Line Verification — Tests Using Line Verification Circuit SD-26181-01
218-040-030	1	Traffic Measurements — General Description — Electronic Translation System	218-103-101	1	Master Test Frame — Description
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218-080 Evaluation Test Procedures			218-105-301	3	Trouble Recorder Card Analysis and Trouble Location
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218-099 Customer Information Release (CIR)			218-105-302	3	No. 5 Crossbar — Trouble Reference Guide — Part 1 — Index
□ 218-099-001MG	1	No. 5/5A Crossbar Switch Outgoing Trunk Problem, Switching Systems	218-105-303	3	No. 5 Crossbar — Trouble Reference Guide — Part 2 — Bin Listings — A
218-1/2 Offices with master test frame			218-105-304	1	No. 5 Crossbar — Trouble Reference Guide - Part-3 — Bin Listings — B, C, D, E
218-100 General System Information			Addendum	1	
❶ 218-100-000	1	General Description — No. 5 Crossbar Offices	218-105-305	2	Trouble Reference Guide — Part 4 — Bin Listings — F
❶ 218-100-014	1	Operational Features — Automatic Message Accounting — AMA, LAMA, CAMA, and ANI	218-105-306	1	No. 5 Crossbar — Trouble Reference Guide - Part 5 — Bin Listings — G, H, I
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Addendum	1		218-105-333	1	No. 5 Crossbar — Trouble Reference Guide — Part 4 — Electronic Translation System Error Messages — Bin Listings — Data, DATSET, EM
218-105-308	1	No. 5 Crossbar — Trouble Reference Guide - Part 7 — Bin Listings — M	218-105-334	1	No. 5 Crossbar — Trouble Reference Guide — Part 5 — Electronic Translation System Error Messages — Bin Listings — IPC
218-105-309	2	No. 5 Crossbar — Trouble Reference Guide — Part 8 — Bin Listings — N, O	Addendum	1	
Addendum	1		218-105-335	1	No. 5 Crossbar — Trouble Reference Guide — Part 6 — Electronic Translation System Error Messages — Bin Listing — PEX-EC
218-105-310	1	No. 5 Crossbar — Trouble Reference Guide - Part 9 — Bin Listings — P, R	218-105-336	1	No. 5 Crossbar — Trouble Reference Guide — Part 7 — Electronic Translation System Error Messages — Bin Listings — SYSCAP, TAPE, TDC, TTY
218-105-311	2	No. 5 Crossbar — Trouble Reference Guide — Part 10 — Bin Listings — S, T	218-106-301	6	Circuit and Priming Information Selection for Master Test Frame
218-105-312	1	No. 5 Crossbar — Trouble Reference Guide — Part 11 — Bin Listings — U, V, W	218-107-501	2	Channel Tests — Using the Master Test Frame
218-105-313	1	No. 5 Crossbar — Trouble Reference Guide — Part 12 — Bin Listings — X, Y, Z	Addendum	1	
218-105-314	1	No. 5 Crossbar — Trouble Reference Guide — Part 2A — Bin Listings — AMA (Paper Tape)	218-111-501	3	Call Waiting Feature — Tests Using Master Test Frame
218-105-315	1	No. 5 Crossbar — Trouble Reference Guide — Part 2B — Bin Listings — AMA- Magnetic Tape	218-112-301	2	Line Link Frame — Nonwire-Spring-Relay Type — Cross Connections
218-105-316	1	No. 5 Crossbar — Trouble Reference Guide — Part 13 — Call Data Transmitter (CDT)	218-112-501	3	Line Link, Auxiliary Line Link, and Line Link Connector Frames — Nonwire- Spring-Relay Type — Tests
218-105-320	2	Trouble Reference Guide — Part 2C — Test Methods — No. 5 Crossbar	Addendum	1	
218-105-330	2	No. 5 Crossbar — Trouble Reference Guide — Part 1 — Electronic Translation System Error Messages — Index	218-112-503	8	Line Link, Auxiliary Line Link, and Transfer Line Link Circuits — Wire-Spring-Relay Type — Tests Using Master Test Frame — No. 5 Crossbar Offices
Addendum	1		218-113-501	8	Line Link Pulsing Line Circuits SD-27617-01, SD-27618-01, SD-27619-01, SD-27620-01, SD-27669-01, and SD-27942-01 — Tests Using Trunk Test Circuit SD-25918-01
218-105-331	1	No. 5 Crossbar — Trouble Reference Guide — Part 2 — Electronic Translation System Error Messages — Bin Listings — AMARC, Audit	218-113-502	5	Line Link Pulsing Line Circuits SD-27729-01 and SD-27730-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
Addendum	1				
218-105-332	1	No. 5 Crossbar — Trouble Reference Guide — Part 3 — Electronic Translation System Error Messages — Bin Listings — DAS, DAS10			

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218-113-503	4	AIS Line Circuits SD-27892-01 and SD-27893-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Not Arranged for Line Link Pulsing	218-122-506	2	Combined and Completing Marker Circuits — Part 6 — Tests Using Master Test Frame
218-114-501	3	Range Extender Unit SD-27806-01 — Tests Using Trunk Test Circuit SD-25918-01 and Test Termination Circuit SD-96540-01	218-122-507	3	Combined and Completing Marker Circuits — Part 7 — Tests Using Master Test Frame
218-114-701	2	Trunk Test Circuit SD-25918-01 — Insertion Loss Pad Adjustment for Manual Transmission Tests on Range Extender Units SD-27806-01	218-122-508	2	Combined and Completing Marker Circuits — Part 8 — Test Using Master Test Frame
218-115-301	3	Trunk Link and Connector Frame — Nonwire-Spring-Relay Type — Cross Connections	218-122-509	2	Combined and Completing Marker Circuits — Part 9 — Tests Using Master Test Frame
218-115-501	4	Trunk Link and Connector Circuits SD-25549-01 — Nonwire-Spring-Relay Type — Tests Using Master Test Frame	218-122-510	2	Combined and Completing Marker Circuits — Part 10 — Tests Using Master Test Frame
218-115-503	6	Trunk Link and Transfer Trunk Link Circuits — SD-26032-01, SD-27674-01, and SD-27879-01 — Wire-Spring-Relay Type — Tests Using Master Test Frame	218-122-511	3	Combined and Completing Marker Circuits — Part 11 — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-120-501	11	Dial Tone Marker Circuits — Tests Using Master Test Frame	218-122-512	2	Combined and Completing Marker Circuits — Part 12 — Tests Using Master Test Frame
218-120-502	2	Dial Tone Circuits — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged With ETS	Addendum	1	
218-122-301	1	Marker — Alarm Routine	218-122-513	4	Combined and Completing Marker Circuits — Part 13 — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-122-500	3	Combined and Completing Marker — Index — Using Master Test Frame	218-122-514	3	Combined and Completing Marker Circuits — Part 14 — Tests Using Master Test Frame
218-122-501	12	Combined Marker Circuits — Part 1 — Tests Using Master Test Frame	218-122-515	2	Combined and Completing Marker Circuits — Part 15 — Tests Using Master Test Frame
218-122-502	9	Combined and Completing Marker Circuits — Part 2 — Tests Using Master Test Frame	218-122-516	2	Combined and Completing Marker Circuits — Part 16 — Tests Using Master Test Frame
218-122-503	3	Combined and Completing Marker Circuits — Part 3 — Tests Using Master Test Frame	218-122-517	2	Combined and Completing Marker Circuits — Part 17 — Tests Using Master Test Frame
218-122-504	3	Combined and Completing Marker Circuits — Part 4 — Tests Using Master Test Frame	218-122-518	2	Combined and Completing Marker Circuits — Part 18 — Tests Using Master Test Frame
218-122-505	2	Combined and Completing Marker Circuits — Part 5 — Tests Using Master Test Frame	218-122-519	2	Combined and Completing Marker Circuits — Part 19 — Tests Using Master Test Frame
			218-122-520	3	Combined and Completing Marker Circuits — Part 20 — Tests Using Master Test Frame
			218-122-521	2	Combined and Completing Marker Circuits — Part 21 — Tests Using Master Test Frame

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Addendum	1		Addendum	1	
218-122-522	3	Combined and Completing Marker Circuits — Part 22 — Tests Using Master Test Frame — No. 5 Crossbar Offices	218-122-534	1	Completing Marker Circuits — Part 34 — Tests Using Master Test Frame — No. 5 Crossbar Offices Arranged With Cable Data Transmitter
Addendum	1		Addendum	1	
218-122-523	3	Combined and Completing Marker Circuits — Part 23 — Tests Using Master Test Frame — No. 5 Crossbar Offices	218-122-550	3	Combined and Completing Markers — Miscellaneous Tests
218-122-524	2	Combined and Completing Marker Circuits — Part 24 — Tests Using Master Test Frame — No. 5 Crossbar Offices	218-122-551	2	Completing Marker Circuits SD-28122-01 — Miscellaneous Tests Arranged With Electronic Translation System — No. 5 Crossbar Offices
218-122-525	2	Combined and Completing Marker Circuits — Part 25 — Tests Using Master Test Frame — No. 5 Crossbar Offices	218-124-501	4	Traffic Sampling Circuit SD-27681-01 — Test Using Master Test Frame
218-122-526	2	Combined and Completing Marker Circuits — Part 26 — Tests Using Master Test Frame	218-124-502	1	Trunk Group Traffic Sample Circuit SD-27826-01
218-122-527	2	Combined and Completing Marker Circuits — Part 27 — Tests Using Master Test Frame	Addendum	1	
218-122-528	3	Combined and Completing Marker Circuits — Part 28 — Tests Using Master Test Frame	218-125-501	6	Marker Connectors — Nonwire-Spring- Relay Type — Tests
Addendum	1		218-130-501	5	Regular Pretranslator SD-25568-01 — Tests Using Master Test Frame
218-122-529	3	Combined and Completing Marker Circuits — Part 29 — Tests Using Master Test Frame — No. 5 Crossbar Offices	218-130-502	1	IDDD Pretranslator SD-27849-01 — Tests Using Master Test Frame
218-122-530	2	Combined and Completing Marker Circuits — Part 30 — Tests Using Master Test Frame — No. 5 Crossbar Offices	218-131-501	2	Incoming Register Pretranslator SD-27969-01 — Tests Using Master Test Frame
Addendum	1		218-135-301	1	Automatic Monitor Trouble Recorder Cards Associated With Originating Registers — Analysis
218-122-531	4	Combined and Completing Marker Circuits — Part 31 — Tests Using Master Test Frame — No. 5 Crossbar Offices	Addendum	1	
Addendum	1		218-135-501	11	Originating Registers SD-26040-01 and SD-25551-01 — Dial Pulse or Touch- Tone Calling — Tests — Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01
218-122-532	3	Combined and Completing Marker Circuits — Part 32 — Tests Using Master Test Frame	Addendum	1	
218-122-533	1	Completing Marker Circuits — Part 33 — Test Using Master Test Frame	218-135-503	12	Originating Registers SD-26040-01 and SD-25551-01 — Dial Pulse or Touch- Tone Calling — Tests Using Test Set SD-25676-01 (J24756B)
			218-137-501	8	Dial Pulse Incoming Registers SD-25729-01 and SD-26041-01 — Tests Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01

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Addendum	1		218-147-501	2	Incoming Register Link Circuits — Nonwire-Spring-Relay Type — Tests
218-137-503	7	Dial Pulse Incoming Registers SD-25729-01 and SD-26041-01 — Tests Using Test Set SD-25676-01 (J24756B)	218-150-501	9	Dial Pulse Outgoing Senders SD-25579-01 and SD-26050-01 — Tests — Using Automatic Monitor, Register and Sender Test Circuit — No. 5 Crossbar Offices
218-139-501	4	Revertive Pulse Incoming Registers SD-26043-01 and SD-25731-01 — Tests Using Automatic Monitor, Register and Sender Test Circuit	218-150-502	6	Dial Pulse Outgoing Senders for Line Link Pulsing — Tests Using Automatic Monitor, Register, and Sender Test Circuit
218-139-503	3	Revertive Pulse Incoming Register SD-25731-01, SD-26043-01 — Tests Using Test Set SD-25676-01 (J24756B)	218-150-503	7	Dial Pulse Outgoing Senders SD-25579-01 and SD-26050-01 — Tests — Using Sender Test Set SD-25674-01 (J24756A)
218-139-505	3	Revertive Pulse Incoming Register SD-25565-01 — Tandem Operation — Tests Using Test Set SD-25676-01 (J24756B)	218-150-504	5	Dial Pulse Outgoing Senders — For Line Link Pulsing — Tests Using Sender Test Set SD-25674-01 (J24756A) — No. 5 Crossbar Offices
218-139-506	2	Central B Revertive Pulse Incoming Registers — Tests Using Master Test Frame	218-152-501	5	PCI Outgoing Senders SD-25733-01 and SD-26053-01 — Tests Using the Automatic Monitor, Register and Sender Test Circuit SD-25680-01
218-139-507	1	Revertive Pulse Incoming Register for Use With Central B Switchboard — Tests Using Test Set SD-25676-01 (J24756B)	218-152-503	5	PCI Outgoing Senders SD-25733-01 and SD-26053-01 — Tests Using Sender Test Set SD-25674-01 (J24756A)
218-139-508	5	Revertive Pulse Interrupter of Incoming Registers — Tests	218-154-501	6	Revertive Pulse Outgoing Senders SD-25732-01 and SD-26052-01 — Tests Using the Automatic Monitor, Register, and Sender Test Circuit SD-25680-01
218-143-501	9	Multifrequency Incoming Registers SD-25730-01 and SD-26042-01 — Tests Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01	218-154-503	6	Revertive Pulse Outgoing Senders SD-25732-01 and SD-26052-01 — Tests Using Sender Test Set SD-25674-01 (J24756A)
218-143-503	6	Multifrequency Incoming Registers SD-25730-01 and SD-26042-01 — Tests — Using Test Set SD-25676-01 (J24756B)	218-156-501	13	Multifrequency Outgoing Senders SD-26051-01 and SD-25580-01 — Tests Using the Automatic Monitor, Register, and Sender Test Circuit SD-25680-01 — No. 5 Crossbar Offices
218-145-501	7	Group-Busy Circuits for Originating, Incoming, Transfer Registers and for Senders — Tests Using Master Test Frame	218-156-502	4	AIS Outgoing Sender SD-27882-01 — Tests Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01 — No. 5 Crossbar Offices Without Line Link Pulsing
218-145-502	1	Traffic Register Circuits — Group-Busy Features for Originating, Incoming, and Transfer Registers and for Senders — Tests			
218-147-301	2	Incoming Register Link — Nonwire-Spring-Relay Type — Cross Connections			
218-147-302	1	Incoming Register Link Frames — Taking Equipment Out of Service			

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		218-165-302	1	Number Group and Connector Frame — Alarm Routine
218-156-503	9	Multifrequency Outgoing Senders SD-26051-01 and SD-25580-01 — Tests — Using Sender Test Set SD-25674-01 (J24756A) — No. 5 Crossbar Offices	218-165-303	2	Number Group and Connector Frame — Taking Equipment Out of Service
218-156-504	4	Automatic Intercept System Outgoing Sender SD-27882-01 — Tests Using Sender Test Set SD-25674-01 (J24756A) — Not Arranged for Line Link Pulsing	218-165-304	4	Number Group Frame — Nonwire-Spring- Relay Type — Cross-Connection Methods
218-158-501	6	Intermarker Group Sender SD-25826-01 — Tests Using Marker Test Frame	Addendum	1	
218-160-501	8	Outgoing Sender Connector SD-26057-01, SD-26059-01, or SD-25587-01 and Outgoing Sender Link Circuit SD-25734-01 or SD-27628-01 — Tests — No. 5 Crossbar Offices	218-165-501	5	Number Group and Connector Circuit — Nonwire-Spring-Relay Type — Tests
218-160-502	2	Outgoing Sender Connector SD-27888-01 and Outgoing Sender Line Connector SD-27889-01 for Automatic Intercept System — Tests Using Master Test Frame — Not Arranged for Line Link Pulsing	Addendum	1	
218-161-301	2	FSP Signaling Transmitting Circuit — (SD- 99300-01) (SD- 99718-01) — Locating Trouble	218-165-503	4	Number Group Circuits — Wire-Spring- Relay Type — Tests
218-161-302	3	FSP Signaling Receiving Circuit — (SD- 99301-01, SD-99719-01) — Locating Trouble	218-170-501	6	Translator Circuits SD-25754-01 and SD-26019-01 — Tests Using Master Test Frame — Arranged for LAMA, ANI, or CDT
218-161-305	1	FSP Transmitter-Receiver Test Circuit — SD-99317-01 — Locating Trouble	Addendum	1	
218-161-503	2	Frequency Shift Pulsing Outgoing Senders SD-27624-01 — Tests Using Sender Test Set SD-25674-01 (J24756A)	218-170-502	4	Translator SD-99319-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged for AIOD
218-161-603	1	Frequency Shift Pulsing Outgoing Registers — Tests Using Test Set SD-25676-01 (J24756B)	Addendum	1	
218-165-301	8	Number Group Frame — Nonwire-Spring- Relay Type — Cross Connections and Associated Cross Connections at the Main Distributing Frame — No. 5 Crossbar Offices	218-171-501	1	Direct Access Pretranslator Connector Circuit SD-27801-01 — Tests Using Master Test Frame
			Addendum	1	
			218-172-501	13	LAMA Transverter SD-25591-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices
			218-172-503	9	LAMA Transverter SD-25591-01 — Miscellaneous Tests — No. 5 Crossbar Offices
			218-173-501	4	LAMA Transverter SD-27809-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged for AMA Magnetic Tape Recording
			218-173-502	2	LAMA Transverter SD-27809-01 — Miscellaneous Tests — No. 5 Crossbar Offices Arranged for AMA Magnetic Tape Recording
			218-174-501	9	Recorder and Recorder Connector Circuits SD-25872-01 — Tests — No. 5 Crossbar Offices — Arranged for LAMA or CAMA Paper Tape

Number	Issue	Subject	Number	Issue	Subject
218-175-501	4	Trunk Control Circuit SD-94810-01 — Tests Using Master Test Frame — Arranged for AMA Magnetic Tape Recording	218-198-502	2	Call Identity Indexer SD-25621-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged for AMA Magnetic Tape Recording
218-176-501	4	Call Identity Indexer SD-94809-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged for AMA Magnetic Tape Recording	218-201-501	6	Coin Supervisory and Coin Supervisory Concentrating Circuits — Tests Using Trunk Test Circuit SD-25918-01
218-178-501	8	CAMA Transverter SD-26010-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices	218-202-501	4	Coin Supervisory Release Circuit SD-25859-01 — Tests Using Master Test Frame
218-178-503	3	Transverter SD-26010-01 — Miscellaneous Tests	218-203-301	2	Coin Supervisory Link Frame — Cross-Connections
218-179-501	3	CAMA Transverter Connectors SD-26011-01 — Tests	218-203-302	1	Coin Supervisory Link Frames — Taking Equipment Out of Service
218-180-501	6	CAMA Sender SD-26056-01 — Tests Using Test Set SD-25676-01 (J24756B) — No. 5 Crossbar Offices	218-203-501	4	Coin Supervisory Link Circuits — Nonwire-Spring-Relay Type — Tests
218-181-501	5	CAMA Billing Indexer SD-26012-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices	218-209-501	2	Dial Coin Zone Concentrators — Tests
218-182-501	5	CAMA Position Link Circuit SD-26047-01 — Tests	218-216-501	7	Master Test Frame Connector SD-25805-01 — Preference and Lockout Chains — Tests — No. 5 Crossbar Offices
218-183-501	4	CAMA Junctor Circuit SD-26102-01 — Tests Using Trunk Test Circuit SD-25918-01	218-216-502	4	Master Test Frame Connector SD-27718-01 — Preference and Lockout Chains — Tests — No. 5 Crossbar Offices
218-184-501	4	CAMA Incoming Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01	218-217-301	3	Monitor Amplifiers of the Automatic Monitor, Register and Sender Test Circuit — Operating Methods
218-185-501	2	CAMA Intermarker Group Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01	218-217-701	3	Touch-Tone Oscillators Used in Automatic Monitor, Register, and Sender Test Circuit SD-25680-01 — Adjustment
218-186-501	3	CAMA Suspension Circuit SD-26017-01 — Tests	218-218-501	1	KS-13834 Perforator and Trouble Recorder Circuit — Tests Using Trouble Recorder Test Circuit SD-25682-01
218-187-501	2	Peg Count Registers for CAMA Initial Entries — Tests Using Master Test Frame	218-218-502	5	KS-13834 Perforator and Trouble Recorder Circuit — Tests
218-188-501	3	CAMA Calls Waiting Signal Circuit — Tests	218-219-301	1	Time of Day — Alarm Routine
218-189-501	1	CAMA Line Observing Number Matching Circuit — Tests	218-219-302	1	Time of Day Circuit — Taking Equipment Out of Service
Addendum	2		218-219-501	1	Time of Day Circuit — Tests
218-192-501	4	ANI Transverter SD-26161-01 — Tests Using Master Test Frame	218-220-301	14	Compiling Data for Control Tapes for Operational Trunk Tests — Using Automatic Progression Trunk Test Frame
218-198-501	3	Call Identity Indexer Circuit SD-25621-01 — Tests Using Master Test Frame			

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Addendum	1		218-232-501	12	Traffic Register Lead Index — No. 5 Crossbar Offices — Equipped With Master Test Frame
218-220-302	11	Preparation of Control Tapes for Operational Trunk Tests — Us- ing Automatic Progression Trunk Test Frame — No. 5 Crossbar Offices	218-232-502	4	Traffic Registers — Part 1 — Tests Using Master Test Frame
218-220-303	7	Compiling Data for Control Tapes — For Transmission Test- ing of Trunks Using Automatic Progression Trunk Test Frame and Automatic Transmission Measuring System	218-232-503	2	Traffic Registers — Part 2 — Tests Using Master Test Frame
218-220-304	4	Preparation of Control Tapes for Transmission Testing of Outgo- ing Trunks — Automatic Progres- sion Trunk Test Frame and Au- tomatic Transmission Measuring System	218-232-504	4	Traffic Registers — Part 3 — Tests Using Master Test Frame
Addendum	1		218-232-505	4	Traffic Registers — Part 4 — Tests Using Master Test Frame
218-220-701	4	Automatic Progression Trunk Test Circuit SD-25938-01 — Build-Out Resistor Assembly Ad- justment	Addendum	1	
218-224-501	1	Auxiliary Line Circuit SD-99484- 01 for Off-Net Access Service — Tests Using Trunk Test Circuit SD-25918-01	218-232-506	4	Traffic Registers — Part 5 — Tests Using Master Test Frame
218-225-501	4	Emergency Line Circuits — Tests	218-232-507	2	Traffic Registers — Part 6 — Tests Using the Master Test Frame
218-226-501	2	Emergency Transfer Circuit — Dial to Manual Service — Tests	218-232-508	3	Traffic Registers — Part 7 — Tests Using Master Test Frame
218-227-501	8	Auxiliary Line and Line Auxiliary Circuits Serving One Office — Tests Using Master Test Frame — No. 5 Crossbar Offices	Addendum	1	
218-227-502	2	Auxiliary Line Circuits Serving More Than One Office in the Same Building — Tests	218-232-509	3	Traffic Registers — Part 8 — Tests Using Master Test Frame
218-228-501	1	Auxiliary Line and Allotter Circuit — Wide Area Data Service — Tests	218-232-510	3	Traffic Registers — Part 9 — Tests Using Master Test Frame
218-229-501	1	Dial Long Line Circuits — Coin — Wire-Spring-Relay Type — Tests	218-232-511	2	Traffic Registers — Part 10 — Tests Using Master Test Frame
218-230-501	2	Dial Long Line Circuits — 2-Party Message Rate — Wire-Spring- Relay Type — Tests Using Mas- ter Test Frame	Addendum	1	
218-231-501	3	Station Ringer Test Circuits SD- 25861-01, SD-25927-01, and SD-26109-01 — Tests Using Trunk Test Circuit SD-25918-01	218-232-512	2	Traffic Registers — Part 11 — Tests Using Master Test Frame
			Addendum	1	
			218-232-513	3	Traffic Registers — Part 12 — Tests Using Master Test Frame
			218-232-514	4	Traffic Registers — Part 13 — Tests Using Master Test Frame
			218-232-515	4	Traffic Registers — Part 14 — Tests Using Master Test Frame
			218-232-516	6	Traffic Registers — Part 15 — Test Using Master Test Frame — No. 5 Crossbar Offices
			218-232-517	3	Traffic Registers — Part 16 — Tests Using Master Test Frame
			Addendum	1	
			218-232-519	2	Traffic Registers — Part 17 — Tests Using Master Test Frame
			Addendum	1	
			218-232-520	1	Traffic Registers — Part 18 — Tests Using Master Test Frame
			218-232-521	2	Traffic Registers — Part 14 — Tests Using Master Test Frame

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218-232-522	3	Traffic Registers — Part 20 — Tests Using Master Test Frame	218-233-515	2	Plant Registers — Part 15 — Test Using Master Test Frame
Addendum	1		218-233-516	2	Plant Registers — Part 16 — Tests — No. 5 Crossbar Offices
218-232-523	1	Traffic Registers — Part 21 — Tests Using Master Test Frame	Addendum	1	
Addendum	1		218-233-517	1	Plant Registers — Part 17 — Tests Using Master Test Frame
218-232-525	3	Traffic Registers — Part 22 — Tests Using Master Test Frame	218-234-501	1	Message Timing Circuits SD-27542-01 — Tests for Metered Lines and Trunks
Addendum	1		218-235-501	1	Message Register Pulsing Junction Circuit SD-28108-01 — Auxiliary Line Circuit for Remote Message Registration SD-28109-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-232-527	2	Traffic Registers — Part 23 — Tests Using Master Test Frame	218-237-301	1	60 and 120 IPM Interrupter Circuits — Alarm Routine
Addendum	1		218-237-302	1	60 and 120 IPM Interrupter Circuits — Taking Equipment Out of Service
218-232-530	1	Traffic Registers — Part 24 — Tests Using Master Test Frame	218-237-501	4	60- and 120-IPM Interrupter Circuit SD-25742-01 — Tests
218-232-531	1	Traffic Registers — Part 25 — Tests	218-238-501	3	30-IPM Interrupter Circuit SD-27637-01 — Tests
218-233-000	7	Plant Register Index — Tests	218-239-501	1	Interrupter Circuit SD-27510-01 — Tests
Addendum	1		218-240-301	5	Trunk Testing Procedures Using Automatic Recycle Feature of Trunk Test Circuit SD-25918-01
218-233-501	8	Plant Registers — Part 1 — Tests Using Master Test Frame	218-245-501	5	Customer Line and Outgoing Trunk Conductors — Voltmeter Tests Using Master Test Frame
218-233-502	1	Plant Registers — Part 2 — Tests Using Master Test Frame	218-246-501	6	Trunk Transmission Tests — Circuits Terminated on Trunk Link Frame Using Master Test Frame
Addendum	2		218-246-502	3	Trunk Transmission Tests — Circuits Terminated on Line Link Frame Using Master Test Frame — No. 5 Crossbar Offices
218-233-503	1	Plant Registers — Part 3 — Tests Using Master Test Frame	218-246-503	2	Manual Trunk Transmission Tests Using Remote Office Test Line
218-233-504	2	Plant Registers — Part 4 — Tests Using Master Test Frame	218-246-506	1	Trunk Transmission Tests — Circuits Terminated at Commercial ACD — Using Master Test Frame — No. 5 Crossbar Offices
218-233-505	1	Plant Registers — Part 5 — Tests Using Master Test Frame	218-246-701	1	Transmission Test Pads — MTF Trunk Test Circuit SD-25918-01 — Adjustments
218-233-506	2	Plant Registers — Part 6 — Tests Using Master Test Frame			
218-233-507	2	Plant Registers — Part 7 — Tests Using Master Test Frame			
Addendum	1				
218-233-508	1	Plant Register — Part 8 — Tests Using Master Test Frame			
218-233-509	2	Plant Registers — Part 9 — Tests Using Master Test Frame			
218-233-510	2	Plant Registers — Part 10 — Tests Using Master Test Frame			
218-233-511	3	Plant Registers — Part 11 — Tests Using Master Test Frame			
218-233-512	1	Plant Registers — Part 12 — Tests Using Master Test Frame			
218-233-513	1	Plant Registers — Part 13 — Tests Using Master Test Frame			
218-233-514	2	Plant Registers — Part 14 — Tests Using Master Test Frame			

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218-247-501	11	Intraoffice Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01	218-259-501	3	2-Way Operator Office Trunk Circuit SD-27593-01 — Tests Using Trunk Test Circuit SD-25918-01 and No. 1, 3, 3C, or 3CL Toll Switchboards
218-248-301	1	Trunk Operational Test — Remote Office Test Line	218-260-501	2	No. 101 ESS™ Central Office Trunk Circuit SD-1H077-01 — Tests Using Trunk Test Circuit SD-25918-01
218-249-501	4	Intermarker Group Trunks — Subscriber to Trunk — Tests Using Trunk Test Circuit SD-25918-01	218-262-501	11	Trunk Operational Tests — Using Automatic Progression Trunk Test Circuit SD-25938-01
218-249-502	5	Intermarker Group Trunks — Subscriber to Subscriber — Tests Using Trunk Test Circuit SD-25918-01	218-262-502	5	Transmission Tests — Using Automatic Progression Trunk Test Circuit SD-25938-01 and Automatic Transmission Measuring System
218-249-503	3	Intermarker Group Trunks — Trunk to Subscriber — Tests Using Trunk Test Circuit SD-25918-01	218-262-503	1	Manual Trunk Transmission Tests — Using Automatic Progression Trunk Test Circuit SD-25938-01 — No. 5 Crossbar Offices
Addendum	1		218-263-501	4	Juncture Circuit SD-27713-01 for Use as Off-Net Access Line — Tests Using Trunk Test Circuit SD-25918-01
218-251-501	11	Incoming Trunk Circuit — Non-centrex — Tests Using Master Test Frame (MTF) — No. 5 Crossbar Offices	218-264-501	5	Outgoing Announcement Trunks — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-251-502	1	Incoming Trunk Circuits — Centrex — Tests Using Trunk Test Circuit SD-25918-01	218-265-501	3	Auxiliary Outgoing Trunk — SD-26084-01 — Tests Using Trunk Test Circuit SD-25918-01
218-252-501	5	Incoming Intertoll and Incoming Features of 2 Way Intertoll Trunks — Tests Using Trunk Test Circuit SD-25918-01	218-266-501	3	Auxiliary Outgoing Trunks SD-25851-01 and SD-25852-01 for Use With Ringdown Intertoll Trunks — Tests Using Trunk Test Circuit SD-25918-01
218-253-501	3	Incoming Trunks — Tests Using Manual Outgoing Trunk Test Circuit SD-95476-01	218-267-501	8	Auxiliary Outgoing Trunks and Toll Switching Trunks — Tests Using Master Test Frame
218-254-501	6	Toll Switching Trunks, Operator Completing Trunks, and Operator Juncture Circuits From No. 1, 3, 3C, or 3CL Toll Switchboards in Same Building — Tests	Addendum	1	
218-257-501	5	2-Way Intertoll Trunk Circuits SD-27654-01 — Tests Using Trunk Test Circuits SD-25918-01 — No. 5 Crossbar Offices	218-268-501	9	Outgoing Intertoll Trunks — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-257-502	4	2-Way Intertoll Trunk Circuits SD-27655-01 — Tests Using Trunk Test Circuit SD-25918-01	218-269-501	4	Outgoing Trunks for Intertoll Completion
218-258-501	8	2-Way Trunks to Community Dial Offices — Tests Using Trunk Test Circuit SD-25918-01	218-270-501	4	Combination Outgoing and Toll Switching Trunks — Tests Using Trunk Test Circuit SD-25918-01
218-258-502	1	2-Way Trunk SD-25667-01 — Arranged for Use With 23-Type Desk and 3C or 3CL Switchboard			

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218-271-501	11	Outgoing Trunk and Junctor Circuits — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices	218-279-501	7	Reverting Call Trunks — Tests Using Trunk Test Circuit SD-25918-01
218-271-504	4	Outgoing Trunk Circuit SD-27712-01 to Off-Net Access Line — Tests Using Trunk Test Circuit SD-25918-01	218-280-501	9	Outgoing Information, Outgoing Repair Service, Outgoing Official PBX, Common Overflow, Tone, and Associated Auxiliary Trunks From Trunk Link Frame — Tests Using Trunk Test Circuit SD-25918-01
218-272-501	4	Outgoing Intertoll Trunk Circuits and Outgoing Portion of Intraoffice Arrangements per ES-27601-01 for Data Service — Tests Using Trunk Test Circuit SD-25918-01	218-280-502	2	Outgoing Trunk Circuit for Information Service SD-28080-01 — Tests Using Master Test Frame
218-273-501	5	Outgoing Trunks — Tests Using Manual Outgoing Trunk Test Frame SD-95476-01 — No. 5 Crossbar Offices	218-282-501	8	Recording Completing, Special Service, Intercepting, and Associated Auxiliary Trunks From Trunk Link Frame — Tests Using Master Test Frame
218-274-501	2	Incoming Intertoll Trunks and Incoming Portion of Intraoffice Arrangements per ES-27601-01 — Tests Using Trunk Test Circuit SD-25918-01	218-283-501	10	Verification Request, Intercepting, Official PBX, Information, and Repair Service Trunks and Intercept Junctors From Line Link Frame — Tests Using Master Test Frame
218-275-501	5	Junctor Circuit SD-27725-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices	218-284-501	5	Trunks to Local Test Desk No. 14, Local Test Cabinet No. 3, and Associated Auxiliary Trunks — Tests Using Trunk Test Circuit SD-25918-01
218-277-501	2	Remote Line Circuit SD-27858-01 — Tests Using Trunk Test Circuit SD-25918-01	218-285-501	7	Free Trunks and Associated Auxiliary Trunks — Tests Using Trunk Test Circuit SD-25918-01
218-277-502	4	2-Way Trunk Circuit SD-27836-01 for Off-Net Access Service — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices	218-286-301	2	Permanent Signal Holding Trunk, Concentrating, Timing and Associated Auxiliary Trunk Circuits — Taking Equipment Out of Service
218-277-503	2	Attendant Trunk Circuit SD-27838-01 for Remote Attendant — Test Using Test Circuit SD-25918-01 — No. 5 Crossbar Offices	218-286-501	8	Permanent Signal Holding Trunk, Concentrating, Timing, and Associated Auxiliary Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01
218-277-504	2	Attendant Access Trunk SD-27851-01 for Use With 608A Switchboard — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices	218-286-502	2	Trunk Appearance Circuit SD-27156-01 and Overflow Links Associated With Overflow Trunk Circuit SD-27155-01 for Use With Permanent Signal Expanded Routing — Tests Using Master Test Frame
218-277-505	3	Attendant Access Trunk Circuit SD-27857-01 for Use With Console (CCSA) — Tests Using Trunk Test Circuit SD-25918-01	218-287-501	1	No-Such-Number Signal Tone Trunks — Tests Using Trunk Test Circuit SD-25918-01
218-277-506	3	Outgoing Intertoll Trunk Circuit SD-27878-01 for Off-Net Access Service — Tests Using Trunk Test Circuit SD-25918-01			

Number	Issue	Subject	Number	Issue	Subject
218-288-501	2	No-Circuit Signal Trunks SD-26158-01 — Tests Using Trunk Test Circuit SD-25918-01	218-325-501	2	Conference Control Circuit and Auxiliary Conference Control Circuit — Tests Using Test Position Circuit SD-27589-01 and Trunk Test Circuit SD-25918-01 — Arranged for Phases II and III Centrex
218-289-501	8	Outgoing Trunks to Traffic Service Position (TSP) or Traffic Service Position System (TSPS) No. 1 — Tests Using Trunk Test Circuit SD-25918-01	218-326-501	1	Calls-Waiting Signal Circuit SD-27653-01 — Tests — Arranged for Phase II or III Centrex
218-290-501	2	Stuck Coin Trunks SD-25763-01 — Tests Using Trunk Test Circuit	Addendum	1	
218-291-501	3	Dial Coin Zone — Outgoing Trunk or Junctor Circuit SD-26078-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices	218-327-501	3	Line Busy Verification Trunk Circuit SD-27812-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase I, II, or III Centrex
218-3 Centrex Offices			218-328-501	2	Access Group Controller Circuit SD-27748-01 — Tests — Arranged for Phases I, II, and III Centrex
218-320-501	3	Attendant Access Trunk SD-27583-01, SD-27937-01 — Tests Using Test Position Circuit SD-27589-01 or SD-27695-01 — Arranged for Phase II or III Centrex	Addendum	1	
218-321-501	4	Attendant Trunk Circuit SD-27582-01 — For Use With Console Operation — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase II Centrex	218-329-501	1	Touch-Tone Calling Signal to Dial Pulse Converter Circuit ES-26505-01 — Tests Using Converter Test Circuit ES-26508-01 Arranged for Phase I, II, and III Centrex
218-322-501	5	Attendant Trunk Circuit SD-27622-01 for Use With 608A Switchboard — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase II Centrex	218-330-701	2	High Impedance Tone Generator SD-27825-01 — Adjustment — Arranged for Phase I, II, or III Centrex
218-322-502	3	Attendant Trunk Circuits SD-27721-01 and SD-27722-01 for Use With 608A Switchboard — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex	218-331-501	2	Intraoffice Trunk Circuit SD-27579-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-323-501	5	Position Link Circuit SD-26185-01 — Miscellaneous Tests — Arranged for Phases I, II, and III Centrex	218-332-501	2	Intraoffice Trunk Circuits SD-27685-01 — Tests Using Trunk Test Circuit SD-25918-01
218-324-501	6	Position and Position Loop Circuit SD-27589-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase II Centrex Manual Transfer	218-340-501	4	Attendant Trunk SD-27689-01 for Use With Console Operation — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex
			218-341-501	3	2-Way Trunk Circuit SD-27865-01 — Arranged for Console Operation — Tests Using Trunk Test Circuit SD-25918-01
			218-341-502	2	2-Way Trunk Circuit SD-27865-01 Arranged for 608A Switchboard Operation — Tests Using Trunk Test Circuit SD-25918-01

Number	Issue	Subject	Number	Issue	Subject
218-342-501	2	Auxiliary Outgoing Trunk Circuit ES-26289-01 — Tests	Addendum	1	
218-343-501	2	Night Answering Trunk SD-27682-01 — Tests Using Master Test Frame	218-352-501	6	Position and Position Loop Circuit SD-27695-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex
218-344-501	4	Transfer Trunk Circuits SD-27688-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex	218-353-501	3	Line Circuit SD-27945-01 — Tests Using the Master Test Frame Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase III Centrex — Centralized Attendant Operation
218-346-501	6	Transfer Register SD-27667-01 — Dial Pulse or Touch-Tone Signaling Tests Using Automatic Monitor, Register and Sender Test Circuit SD-25680-01 — Arranged for Phase III Centrex	218-353-502	2	Line Circuit SD-27896-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex — Centralized Attendant Operation
Addendum	1		218-353-503	2	Attendant Line Circuit — SD-26378-01 — Tests Using Master Test Frame Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Centralized Attendant Operation
218-346-502	4	Transfer Register SD-27667-01 — Dial Pulse or Touch-Tone Signaling Tests Using Test Set SD-25676-01 — Arranged for Phase III Centrex	218-354-501	1	Attendant Outgoing Trunk Circuit — SD-26380-01 — Tests Using Master Test Frame Trunk Test Circuit — SD-25918-01 — Arranged for Phase III Centrex — Centralized Attendant Operation
218-346-503	2	Station Dial Transfer Register SD-27667-01 — Dial Pulse or Touch-Tone Signaling Tests Using Test Set SD-25676-01 — Arranged for Phase I and II Centrex	218-355-502	3	Incoming Trunk Circuit SD-27897-01 — Test Using Master Test Frame Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex — Centralized Attendant Operation
218-346-504	2	Transfer Register SD-27667-01 — Dial Pulse or Touch-Tone Signaling Tests Using Automatic Monitor, Register and Sender Test Circuit SD-25680-01 — Arranged for Phase I and II Centrex	218-355-503	1	Attendant Incoming Trunk — SD-26379-01 — Tests Using Master Test Frame Trunk Test Circuit SD-25918-01 — Arranged for Phase II Centrex Centralized Attendant Operation
218-347-501	2	Dial Transfer Trunk Circuits SD-27668-01 — Tests Using Trunk Test Circuit ES-26285-01 or SD-25918-01 — Arranged for Phase I or Phase II Centrex	218-355-504	1	Attendant Incoming Trunk — SD-26381-01 — Tests Using Master Test Frame Trunk Test Circuit — SD-25918-01 — Arranged for Phase III Centrex Centralized Attendant Operation
218-348-501	2	Transfer Register Identifier Connectors — Tests — Arranged for Phase III Centrex	218-357-501	1	2-Way Intertoll Trunk Circuit SD-28126-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase III Centrex
218-349-501	2	Transfer Register Link Circuits — Tests			
218-350-501	3	Transfer Line Identifier and Connector Circuit — SD-27690-01 — and Line Identifier Power Supply Circuit — Tests Using Master Test Frame — Arranged for Phase III Centrex			

Number	Issue	Subject	Number	Issue	Subject
218-357-502	1	2-Way Intertoll Trunk Circuit SD-28126-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase II Centrex	218-399-515	1	Attendant Loop Circuit ES-65843-01 — For Use With Modified 608A Switchboard — Tests — Arranged for Phase I Centrex
218-399-501	4	Incoming Trunk Circuits — Tests Using Trunk Test Circuit ES-26285-01 or SD-25918-01 — Arranged for Phase I Centrex	218-399-519	2	Calls-Waiting Signal Circuit SD-26271-01 — Tests — Arranged For Phase I Centrex
218-399-502	4	Attendant Trunk Circuit SD-26270-01 for Use With Console Operation — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase I Centrex	218-399-520	1	2-Way Intertoll Trunk Circuit SD-28126-01 Tests — Using Trunk Test Circuit SD-25918-01 — Arranged For Phase 1 Centrex
218-399-503	3	Attendant Trunk Circuit SD-26503-01 for Use with Modified 608A Switchboard — Tests Using Trunk Test Circuit ES-26285-01 or SD-25918-01 — Arranged for Phase I Centrex	218-4/5 Offices With Office Test Frame		
218-399-504	4	Auxiliary Outgoing Trunk Circuit ES-26288-01 and 2 Way Tie Trunk Circuit SD-26588-01 — Tests	218-400-501	3	Line Verification — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
218-399-505	4	2-Way Intertoll Trunk Circuit SD-27654-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase I Centrex	218-401-501	4	Line Verification — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-399-506	4	Intraoffice Trunk Circuit — SD-26259-01 — Tests Using Trunk Test Circuit ES-26285-01 or SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase I Centrex	218-402-501	2	Customer Line and Outgoing Trunk Conductors — Voltmeter Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-399-507	3	Auxiliary Outgoing Trunk Circuit ES-26274-01 and 2-Way Tie Trunk Circuit SD-26588-01 — Tests — No. 5 Crossbar Offices Arranged for Phase I Centrex	218-403-301	2	Method of Handling Permanent Signals on Permanent Signal Holding Trunks Using Office Test Frame Test Circuit SD-27633-01 (H-595-950 and J23260)
218-399-508	1	Incoming Register Link Circuits — Wire- Spring-Relay Type — Tests — Arranged for Phase I Centrex	Addendum	1	
218-399-512	1	Timing Circuit ES-26510-01 — Tests — Arranged for Phase I Centrex	218-404-500	1	Trouble Reference Guide — Part 1 — Index
218-399-514	1	Miscellaneous Alarm Circuit ES-65835-01 Modified for Connection to Auxiliary Alarm Circuit — Tests — Arranged for Phase I Centrex	218-404-501	1	No. 5 Crossbar — Trouble Reference Guide — Part 2 — BIN LISTINGS — A
			218-404-502	1	No. 5 Crossbar — Trouble Reference Guide — Part 3 — BIN LISTINGS — B, C, D, E, F
			218-404-503	1	No. 5 Crossbar — Trouble Reference Guide — Part 4 — BIN LISTINGS — G, H, I, J, K, L
			218-404-504	1	Trouble Reference Guide — Part 5 — Office Test Frame — Bin Listing — M
			218-404-505	1	No. 5 Crossbar — Trouble Reference Guide — Part 6 — BIN LISTINGS — N, O, P, Q, R

Number	Issue	Subject	Number	Issue	Subject
218-404-506	1	No. 5 Crossbar — Trouble Reference Guide — Part 6 — BIN LISTINGS — S, T, U, V, W, X, Y, Z	Addendum	1	
218-404-507	1	No. 5 Crossbar — Trouble Reference Guide — Part 8 — For Call Data Transmitter	218-422-501	1	Completing Markers
218-404-510	1	Trouble Reference Guide — Part 11 — Test Methods — No. 5 Crossbar Offices	218-422-502	2	Completing Markers — Miscellaneous Tests
218-410-501	1	Line Link Circuits	218-423-001	1	Alphabetical Index — Completing Marker Tests — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-410-502	2	Line Link Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-423-501	3	Completing Marker Tests — Part 1 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Addendum	3		218-423-502	1	Completing Marker Tests — Part 2 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-411-501	1	Call Waiting Feature — Tests Using Office Test Frame SD-27633-01 (J23260)	218-423-503	1	Completing Marker Tests — Part 3 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-412-501	4	Line Link Pulsing Line Circuits SD-27617-01, SD-27618-01, SD-27619-01, SD-27620-01, and SD-27669-01 and SD-27942-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-423-504	1	Completing Marker Tests — Part 4 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-412-502	2	Automatic Intercept System Line Circuits SD-27892-01 and SD-27893-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices Not Arranged for Line Link Outpulsing	218-423-505	1	Completing Marker Tests — Part 5 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-412-503	2	Line Link Pulsing Circuit SD-27729-01 and SD-27730-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices	218-423-506	1	Completing Marker Tests — Part 6 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-415-501	1	Trunk Link Circuits	218-423-507	1	Completing Marker Tests — Part 7 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-415-502	2	Trunk Link Circuits Tests — Using Office Frame Test Circuits SD-27633-01 (J23260) — No. 5 Crossbar Offices	218-423-508	1	Completing Marker Tests — Part 8 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Addendum	1		218-423-509	1	Completing Marker Tests — Part 9 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-420-501	1	Dial Tone Marker Circuits — Tests Using Office Test Frame	218-423-510	1	Completing Marker Tests — Part 10 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-421-501	3	Dial Tone Marker Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)			

Number	Issue	Subject	Number	Issue	Subject
218-423-511	1	Completing Marker Tests — Part 11 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-435-501	3	Group-Busy Circuits — For Originating and Incoming Registers and for Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
218-423-512	1	Completing Marker Tests — Part 12 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-435-502	1	Traffic Register Circuits — Group-Busy Features for Originating and Incoming Registers and for Senders — Tests
218-423-513	1	Completing Marker Tests — Part 13 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-436-501	5	Originating Registers — Dial Pulse or Touch-Tone Calling SD-26040-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
218-423-514	1	Completing Marker Tests — Part 14 — Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices Arranged With Call Data Transmitter	218-437-501	6	Originating Registers — Dial Pulse or Touch-Tone Calling SD-26040-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-431-501	3	Incoming Register Pretranslator SD-27969-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices	Addendum	1	
218-432-502	2	Regular Pretranslator SD-25568-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (H595-950)	218-439-501	2	Dial Pulse Incoming Registers
Addendum	1		Addendum	1	
218-433-501	3	Regular Pretranslator SD-25568-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices	218-440-501	4	Dial Pulse Incoming Registers SD-26041-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-433-502	3	IDDD Pretranslator SD-27849-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-443-501	2	Multifrequency Incoming Registers
218-434-501	4	Group-Busy Circuits — For Originating and Incoming Registers and for Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-444-501	3	Multifrequency Incoming Register SD-26042-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-434-502	2	Traffic Register Circuits — Group-Busy Features for Originating and Incoming Registers and for Senders — Tests Equipped with Office Test Frame Test Circuit SD-27633-01 (J23260)	Addendum	2	
			218-450-501	2	Outgoing Dial Pulse Senders
			Addendum	1	
			218-451-501	3	Outgoing Dial Pulse Sender SD-26050-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
			Addendum	2	
			218-456-501	3	Multifrequency Outgoing Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
			Addendum	1	
			218-457-501	5	Multifrequency Outgoing Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)

Number	Issue	Subject	Number	Issue	Subject
218-457-502	3	Automatic Intercept System — Outgoing Sender SD-27882-01 — Tests Using Office Test Frame SD-27633-01 (J23260) — Not Arranged for Line Link Pulsing	218-475-501	3	LAMA Recorder and Recorder Connector Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-460-501	1	Outgoing Sender Connector and Outgoing Sender Link Circuits	218-476-501	3	Call Identity Indexer Circuit SD-25621-01 — Tests Using Office Test Frame (J26230) — No. 5 Crossbar Offices
Addendum	1		Addendum	1	
218-461-501	2	Outgoing Sender Connector and Outgoing Sender Link Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-476-502	1	Call Identifier Indexer Circuit SD-25621-01 — Tests Using Office Test Frame SD-27633-01 (H-595-950)
Addendum	1		218-501-501	2	Coin Supervisory and Coin Supervisory Concentrating Circuits — Tests Using Office Test Frame SD-27633-01 (H-595-950)
218-461-502	1	Outgoing Sender Connector SD-27888-01 and Outgoing Sender Line Connector SD-27889-01 for Automatic Intercept System — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices not Arranged for Line Link Pulsing	218-501-502	3	Coin Supervisory and Coin Supervisory Concentrating Circuits SD-25736-01 and SD-25721-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-465-501	2	Number Group Circuits — Tests Using Office Test Frame	218-502-501	2	Coin Supervisory Release Circuits
218-465-502	1	Number Group Circuits — Tests Using Office Test Frame SD-27633-01 (J23260)	218-502-502	1	Coin Supervisory Release Circuit SD-25859-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-470-501	3	Translators — Offices Arranged for LAMA or ANI	218-515-101	2	Office Test Frame — Description — SD-27633-01 (H-595-950)
Addendum	1		218-516-101	1	Office Test Frame — Description — SD-27633-01 (J23260)
218-471-501	2	Translators — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — Arranged for LAMA or ANI	218-525-501	1	Emergency Line Circuits
218-472-501	5	Transverters SD-25591-01 and SD-26161-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)	218-526-501	1	Emergency Transfer Circuit — Dial to Manual Service
218-472-503	4	Transverter SD-25591-01 — Miscellaneous Tests — Using Trouble Indicator	218-527-501	2	Auxiliary Line Circuit SD-26165-01 — Tests Using Office Test Frame — No. 5 Crossbar Offices
218-473-501	5	Transverters SD-25591-01 and SD-26161-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-527-502	2	Auxiliary Line Circuit SD-26165-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-474-501	4	LAMA Recorder and Recorder Connector Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (H595-950)	218-528-501	3	Outgoing Auxiliary Line Circuit SD-26164-01 for Public Emergency Reporting Service — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)

Number	Issue	Subject	Number	Issue	Subject
218-528-502	2	Outgoing Auxiliary Line Circuit SD-26164-01 for Public Emergency Reporting Service — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-532-511	1	Traffic Registers — Part 11 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-529-501	1	Dial Long Line Circuits — Coin	218-532-512	1	Traffic Registers — Part 12 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-530-501	2	Dial Long Line Circuits — 2-Party Message Rate — Tests Using Office Test Frame Test Circuit SD-27633-01	218-533-501	4	Plant Registers — Tests Using Office Test Frame — Test Circuit SD-27633-01 (H-595-950)
Addendum	1		218-534-501	5	Plant Registers — Tests Using Office Test Frame — Test Circuit SD-27633-01 (J23260)
218-531-501	1	Station Ringer Test Circuits SD-25861-01, SD-25927-01, and SD-26109-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-535-500	1	Traffic Register Lead Index — Equipped With Office Test Frame SD-27633-01 (H-595-950)
218-532-500	3	Traffic Register Lead Index — Equipped With Office Test Frame (J23260)	218-535-501	1	Traffic Registers — Part 1 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-532-501	5	Traffic Registers — Part 1 — Tests Using Office Test Frame SD-27633-01 (J23260)	218-535-502	1	Traffic Registers — Part 2 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-532-502	3	Traffic Registers — Part 2 — Tests Using Office Test Frame SD-27633-01 (J23260)	218-535-503	1	Traffic Registers — Part 3 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-532-503	2	Traffic Registers — Part 3 — Tests Using Office Test Frame SD-27633-01 (J23260)	218-535-504	1	Traffic Registers — Part 4 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-532-504	2	Traffic Registers — Part 4 — Tests Using Office Test Frame SD-27633-01 (J23260)	218-535-505	1	Traffic Registers — Part 5 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-532-505	2	Traffic Registers — Part 5 — Tests Using Office Test Frame SD-27633-01 (J23260)	218-535-506	1	Traffic Registers — Part 6 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-532-506	2	Traffic Registers — Part 6 — Tests Using Office Test Frame SD-27633-01 (J23260)	218-535-507	1	Traffic Registers — Part 7 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-532-507	2	Traffic Registers — Part 7 — Tests Using Office Test Frame SD-27633-01 (J23260)	218-535-508	1	Traffic Registers — Part 8 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-532-508	3	Traffic Registers — Part 8 — Tests Using Office Test Frame SD-27633-01 (J23260)	218-540-501	1	Range Extender Unit — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-532-509	1	Traffic Registers — Part 9 — Tests Using Office Test Frame SD-27633-01 (J23260)	218-545-301	1	Trunk Operational Test — Remote Office Test Line
218-532-510	1	Traffic Registers — Part 10 — Tests Using Office Test Frame SD-27633-01 (J23260)	218-546-501	4	Trunk Transmission Tests Using Office Test Frame Test Circuit SD-27633-01 (H595- 950)

Number	Issue	Subject	Number	Issue	Subject
218-546-506	1	Trunk Transmission Tests — Circuits Terminated at Commercial ACD — Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices	218-568-501	5	Outgoing Information, Outgoing Repair Service, Outgoing Official PBX, Common Overflow, Tone, and Associated Auxiliary Trunks From Trunk Link Frame — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-547-501	3	Intraoffice Trunk Circuits Tests Using Office Test Frame	218-568-502	2	Outgoing Trunk Circuit for Information Service SD-28080-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-548-501	4	Intraoffice Trunk Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-569-501	2	Outgoing, Incoming, and 2-Way Intertoll Trunk Circuits Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) No. 5 Crossbar Offices
218-549-501	3	Trunk Transmission Tests Circuits Terminated on Trunk Link Frame Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-571-501	3	Outgoing Trunk and Junctor Circuits
218-549-502	1	Trunk Transmission Tests Circuit Terminated on Line Link Frame Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-572-501	4	Outgoing Trunk or Junctor Circuits — SD-26078-01, SD-26085-01, SD-26086-01, and SD-26087-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-549-503	1	Manual Trunk Transmission Tests Using Remote Office Test Line and Office Test Frame	218-573-501	3	Outgoing Trunks to Traffic Service Position (TSP) or Traffic Service Position System (TSPS) No. 1 Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
218-551-501	2	Incoming Trunk Circuits	218-574-501	5	Outgoing Trunks to Traffic Service Position (TSP) or Traffic Service Position System (TSPS) No. 1 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-552-501	4	Incoming Trunk Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)	218-579-501	3	Reverting Call Trunks — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-553-501	1	2-Way Operator Office	218-580-501	3	Reverting Call Trunks Tests Using Office Test Frame
218-563-501	2	Outgoing Announcement Trunks — Tests Using Office Test Frame Test Circuit SD-27633-01 — No. 5 Crossbar Offices	218-581-501	3	Recording Completing, Special Service, and Vacant Code Intercepting Trunk Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-564-501	1	Outgoing Announcement Trunks			
218-565-501	2	Auxiliary Outgoing Trunk SD-26084-01 — Tests Using Office Test Frame SD-27633-01 (H595-950)			
218-565-502	1	Auxiliary Outgoing Trunk SD-26084-01 — Tests Using Office Test Frame SD-27633-01 (J23260)			
218-566-501	1	Official PBX Trunks			
Addendum	1				
218-567-501	2	Common Overflow, Tone, Outgoing Information, Outgoing Official PBX, and Repair Service Trunks — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)			

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218-582-501	1	Recording Completing, Special Service and Vacant Code Intercepting Trunk Circuits	218-6 Automatic Call Distribution and Wideband		
218-582-502	1	Intercept Junctor Circuit SD-27595-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — or No. 3 Local Test Cabinet	Addendum	1	
Addendum	1		① 218-600-501	3	Marker Circuit SD-27840-01 — Tests Using Master Test Frame
218-583-501	2	Verification Request, Intercepting, Official PBX, Information and Repair Service Trunks and Intercept Junctors From Line Link Frame — Tests Using Office Test Frame Test Circuit SD-27633-01 (H595- 950)	Addendum	2	
218-583-503	2	Verification Request, Intercepting, Official PBX, Information, and Repair Service Trunks From Line Link Frame Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) or No. 3 Local Test Cabinet No. 5 Crossbar Offices	218-600-502	4	Marker Circuit SD-27840-01 — Miscellaneous Tests
218-584-501	2	Trunks to Local Test Desk No. 14 and Local Test Cabinet No. 3 — Tests Using Office Test Frame	218-600-503	2	Marker Circuit SD-27840-01 — Tests Using Automatic Call Distributor Test Circuit SD-27997-01
218-585-501	1	Free Trunks	218-602-501	4	Line Circuit SD-27830-01 — Tests Using Master Test Frame
218-586-501	2	Permanent Signal Holding Trunk, Timing and Associated Auxiliary Circuits	218-602-502	2	Line Circuit SD-27981-01 — Tests Using Master Test Frame — For Automatic Call Distribution
218-587-501	1	Trunks to Local Test Desk No. 14 and Local Test Cabinet No. 3 — Tests Using Office Test Frame Test Circuit SD-27633-01	218-602-503	4	Line Circuit SD-28040-01 — Tests Using ACD Test Circuit SD-27997-01
218-588-501	4	Free Trunks and Associated Auxiliary Trunks — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices	218-602-504	1	Line Circuit SD-28048-01 — Tests Using Master Test Frame
218-589-501	4	Permanent Signal Holding Trunk, Timing, and Associated Auxiliary Trunk Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices	Addendum	1	
			218-602-505	2	Line Circuit SD-28048-01 — Tests Using ACD Test Circuit SD-27997-01
			218-602-506	2	Line Circuit SD-28040-01 — Tests Using Master Test Frame
			① 218-603-501	3	Line, Line Link, and Marker — Connector Control Circuit SD-27853-01 — Tests Using Master Test Frame
			218-603-502	1	Line, Line Link, and Marker — Connector Control Circuit SD-27853-01 — Test Using ACD Test Circuit SD-27997-01
			① 218-604-501	2	Line Link Marker Connector SD-27854-01 and Preference Control Circuit SD-26029-01 — Tests Using Master Test Frame
			218-604-502	1	Line Link Marker Connector SD-27854-01 and Preference Control Circuit SD-26029-01 — Tests Using ACD Test Circuit SD-27997-01
			218-605-501	3	Gate Control Circuit SD-27852-01 — Tests Using Master Test Frame — No. 5 Crossbar System — Arranged for Automatic Call Distribution

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Addendum	2		218-615-502	1	Position Trunk Gate and Control Circuit SD-27875-01 — Tests Using ACD Test Circuit SD-27997-01
218-605-502	2	Sequential Gate Control Circuit SD-27972-01 — Tests	218-616-501	1	Level Detector Circuit SD-28031-01 — Tests
● 218-606-501	3	Master Traffic Control Circuit SD-26020-01 — Tests	218-617-501	1	Outgoing Trunk Circuit SD-28045-01 — Tests Using Master Test Frame
218-607-501	5	Traffic Register Circuit SD-25892-01 — Tests Using Master Test Frame	218-617-502	1	Outgoing Trunk Circuit SD-28045-01 — Tests Using ACD Test Circuit SD-27997-01
218-607-502	3	Traffic Register Circuit SD-25892-01 — Tests Using ACD Test Circuit SD-27997-01	218-618-501	1	Digit Register Marker Connector and Control Circuit Tests
218-608-501	2	Plant Register Circuit SD-25793-01 — Tests Using Master Test Frame	218-619-501	1	Digit Register Circuit SD-28009-01 — Tests Using Master Test Frame
218-608-502	2	Plant Register Circuit SD-25793-01 — Tests Using ACD Test Circuit SD-27997-01	218-619-502	2	Digit Register Circuit SD-28009-01 — Tests Using ACD Test Circuit SD-27997-01 — For Automatic Call Distribution
218-609-501	2	Fuse Alarms — Test	218-620-501	1	Junctor Circuit SD-28044-01 — Test Using Master Test Frame
218-611-501	2	Master Test Frame Connector SD-27856-01 — Preference and Lockout Chains — Tests	218-620-502	2	Junctor Circuit SD-28044-01 — Tests Using ACD Tests Circuit SD-27997-01 — No. 5 Crossbar System for Automatic Call Distribution
218-611-502	1	Test Connector Circuit SD-28033-01 — Preference and Lockout Chains — Tests	218-621-501	1	Outgoing Trunk Circuit SD-28043-01 — Tests Using Master Test Frame
218-612-501	4	Position Trunk Circuit SD-27829-01 — Tests Using Master Test Frame — No. 5 Crossbar System	218-621-502	1	Outgoing Trunk Circuit SD-28043-01 — Tests Using ACD Test Circuit SD-27997-01
218-612-503	2	Position Trunk Circuit SD-28041-01 — Tests Using Master Test Frame — No. 5 Crossbar System	218-622-501	1	Service Assistant Position Trunk SD-28042-01 — Tests Using Master Test Frame — No. 5 Crossbar System For Automatic Call Distribution
218-612-504	3	Position Trunk Circuit SD-28041-01 — Tests Using ACD Tests Circuit SD-27997-01 — No. 5 Crossbar System	218-622-502	2	Service Assistant Position Trunk SD-28042-01 — Tests Using ACD Test Circuit SD-27997-01
218-613-501	5	Trunk Transmission Tests — Using Master Test Frame	218-623-501	1	Announcement Control Circuit SD-28046-01 — Tests Using Master Test Frame — No. 5 Crossbar System For Automatic Call Distribution
218-613-502	3	Test Circuit SD-27997-01 — Trunk Transmission Tests — No. 5 Crossbar Offices	218-623-502	2	Announcement Control Circuit SD-28046-01 — Tests Using ACD Test Circuit SD-27997-01
218-614-501	2	Trunk Link Circuits SD-26032-01, SD-28051-01 — Tests Using Master Test Frame	■ 218-652-501	2	Wideband Junction Switch Group Marker Lockout Circuit — Tests
218-614-502	1	Trunk Link Circuit SD-28051-01 — Tests Using ACD Test Circuit SD-27997-01			
218-615-501	1	Position Trunk Gate and Control Circuit SD-27875-01 — Tests Using Master Test Frame			

Number	Issue	Subject	Number	Issue	Subject
□ 218-654-501	1	Video Supervisory Signal Supply Circuit SD-27909-01 Associated with Wideband Link Circuit SD-27901-01 — Tests	218-708-501	1	Plugging-Up Line Circuits SD-25741-01 — Tests
▣ 218-661-501	1	Wideband Intercepting Trunk Circuit SD-26121-01 From Line Link Frame and/or Trunk Line Frame — Test Using Master Test Frame	218-709-301	1	Emergency Line Circuit — Taking Equipment Out of Service
□ 218-663-501	1	Intraoffice Trunk Circuit (Audio) SD-27915-01 and Wideband Intraoffice Trunk Circuit (Video) SD-27923-01 Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Wideband	218-710-301	5	Line Load Control — Application
□ 218-667-501	1	Line Link Pulsing 2-Way Line Circuit SD-27913-01 — Test Using Trunk Test Circuit SD-25918-01 — Arranged for Wideband	218-710-501	5	Line Load Control Equipment — Tests
□ 218-675-501	1	Recording Completing, Inward Operator, or TX Trunk Circuit and Associated Audio Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Wideband	218-712-501	9	Line Link and Transfer Line Link Marker Connectors — Wire-Spring-Relay Type — Tests — No. 5 Crossbar Offices
□ 218-677-501	1	Station Video Test Circuit — Tests Using Trunk Test Circuit SD-25918-01	218-713-501	1	2-Part Bridge Lifter Circuit SD-99490-01 — Test
□ 218-681-501	1	Continuity Test Circuit SD-1C292-01 Test Using Master Test Control Circuit SD-25800-01 — Arranged for Wideband	218-718-501	9	Dial Tone Markers — Miscellaneous Tests
218-7/8 Sections Not Requiring Use of Master Test Frame or Office Test Frame			218-719-501	10	Master Traffic Control Circuit SD-26020-01 Associated With Line, Line Link, or Transfer Line Link Marker Connectors — Tests
218-700-301	2	Molded Covers Per ED-26560-01 — Mounting and Removing	218-719-502	2	Master Traffic Control Circuit SD-26020-01 — Associated With Originating, Incoming, and Transfer Register Marker Connectors — Tests — No. 5 Crossbar Offices
Addendum	1		218-719-503	2	Master Traffic Control Circuit SD-26020-01 — Associated With Transverter Connectors — Tests
218-701-301	5	Methods of Denying and Restoring Service on Customer Lines	Addendum	1	
218-702-301	4	Method of Handling Complaints and Requests Involving AMA Charge Irregularities	218-721-501	7	Pretranslator Connectors SD-25569-01 — Tests — No. 5 Crossbar Offices
Addendum	1		218-721-502	1	Pretranslator Connectors SD-27968-01 — Tests
218-702-302	3	Central Office Automatic Message Accounting Equipment — Precautions to Limit Stoppages in No. 1 Accounting Center	218-724-501	2	Foreign Area Translator — Tests
218-702-303	2	Method of Handling Complaints and Requests Involving Charge Irregularities on Crossbar Tandem CAMA Calls	218-724-502	2	Foreign Area Translators — Verification of Code Cross Connections
			218-725-501	3	Foreign Area Translator Connectors — Tests
			Addendum	1	
			218-726-301	5	Translator SD-26019-01 and SD-25754-01 — Cross-Connections
			218-727-501	4	AMA or ANI Translator Line Verification — Tests Using AMA Translator Line Verification Test Circuit SD-27632-01 (J24759)
			218-729-301	1	Ringing Selection Switch Circuit — Taking Equipment Out of Service

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Addendum	1		218-741-501	2	Coin Supervisory Link Circuits — Wire-Spring-Relay Type — Tests
218-730-501	11	Originating, Incoming, and Transfer Register Marker Connectors — Wire-Spring Relay Type Tests	218-742-301	1	Coin Supervisory Release Circuit — Alarm Routine
218-732-501	3	Incoming Register Link Circuits SD-26048-01 — Wire-Spring-Relay Type — Tests	218-742-302	2	Coin Supervisory Release Circuit — Taking Equipment Out of Service
218-733-301	1	Outgoing Sender Link Circuits — Taking Equipment Out of Service	218-742-303	3	Coin Supervisory Circuit and Coin Supervisory Concentrating Circuit — Alarm Routine
218-734-301	2	Procedure for Changing AMA Tape — Arranged for Magnetic Tape Recording	218-742-304	2	Coin Supervisory Circuit and Coin Supervisory Concentrating Circuit — Taking Equipment Out of Service
Addendum	1		▲218-743-000	1	Remote Office Test Line
218-734-501	2	Recorder and Recorder Control Circuit SD-94805-01 — Tests — Arranged for AMA Magnetic Tape Recording	218-743-001	1	Expanded ROTL (Remote Office Test Line) — Operation With 92A Control Unit — Maintenance and Trouble Isolation Procedures — No. 5 Crossbar Offices
218-734-502	4	Transfer and Make-Busy Circuit SD-94806-01 — Tests — Arranged for AMA Magnetic Tape Recording	218-743-101	1	Remote Office Test Line Arrangement — Descriptive Information
218-735-301	4	Recorder and Recorder Connector — Alarm Routine — Arranged for AMA	Addendum	1	
218-735-302	5	Recorder and Recorder Connector Circuits — Taking Equipment Out of Service — Offices Arranged for AMA	218-743-102	3	Expanded Remote Office Test Line — Equipped With Pollable Data Terminal No. 2A — No. 5 Crossbar Offices
218-736-301	1	Transverter — Alarm Routine — Offices Arranged for AMA	218-743-103	3	Mini-ROTL (Mini Remote Office Test Line) — Description
218-736-302	1	Transverters — Taking Equipment Out of Service — Offices Arranged for AMA	218-743-104	2	Pollable Data Terminal No. 2A (PDT-2A) — Operation With Expanded Remote Office Test Line (ROTL) — Description — No. 5 Crossbar Office
218-737-501	5	Automatic Number Identification (ANI) Transverter Connectors SD-26161-01 — Tests — No. 5 Crossbar Offices	218-743-105	3	EOTT/RTMB (Enhanced Operational Trunk Testing/Remote Trunk Make-Busy) Unit — Description
218-738-501	2	ANI Transverter-Connectors — Tests	218-743-301	1	Remote Office Test Frame — Operational Procedures
218-739-301	1	Transverter Connector — Alarm Routine — Offices Arranged for AMA	218-743-303	1	Expanded Remote Office Test Line — System Evaluation Procedures
218-739-302	2	Transverter Connectors — Taking Equipment Out of Service — Offices Arranged for AMA	218-743-304	3	Expanded ROTL (Remote Office Test Line) — Equipped With PDT-2A (Pollable Data Terminal No. 2A) — Acceptance Tests — No. 5 Crossbar Offices
218-739-501	9	LAMA Transverter Connectors — Tests — No. 5 Crossbar Offices			
218-740-501	4	Call Count Progress Control — Storage and Register Circuit — Tests			

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218-743-305	1	EOTT/RTMB (Enhanced Operational Trunk Testing/Remote Trunk Make- Busy) Unit — "Local" Operating Instructions — No. 5 Crossbar Offices	218-743-512	3	Expanded ROTL (Remote Office Test Line) — Equipped With Pollable Data Terminal No. 2A — Priming and Error Information Using 92A Control Unit — No. 5 Crossbar Offices
218-743-310	2	Expanded Remote Office Test Line (ROTL) — Equipped With Pollable Data Terminal No. 2A — Input/Output, Diagnostic, and Error Messages — Description	Addendum	1	
218-743-311	2	Expanded Remote Office Test Line (ROTL) — Equipped With Pollable Data Terminal No. 2A — Diagnostic Test Procedures — No. 5 Crossbar Offices	218-743-513	2	Expanded Remote Office Test Line (ROTL) — Equipped With Pollable Data Terminal No. 2A (PDT-2A) — Distributor and Scanner Lead Verification Procedures
218-743-312	2	Expanded Remote Office Test Line (ROTL) — Equipped With the Pollable Data Terminal No. 2A (PDT-2A) — Initialization and Recovery Procedures	218-743-514	2	Expanded Remote Office Test Line (ROTL) — Equipped With Pollable Data Terminal No. 2A (PDT-2A) — Miscellaneous Test Procedures
218-743-501	1	Remote Office Test Frame — Tests	218-743-701	2	Remote Office Test Control Circuit SD-27727-01 — Build-Out Resistor Assembly Adjustment — No. 5 Crossbar System
218-743-503	4	Mini-Remote Office Test Line Acceptance Tests and Trouble-Clearing Procedures — No. 5 Crossbar Offices	218-743-702	1	Expanded ROTL (Remote Office Test Line) — Access Circuit SD-28035-01 — Build-Out Resistor Assembly Adjustment — No. 5 Crossbar Offices
218-743-504	2	Enhanced Operational Trunk Test/Remote Trunk Make-Busy Unit — (Associated With Mini-Remote Office Test Line) — Acceptance Tests	218-743-703	2	Adjustment of Line Build-Out Network — Mini-Remote Office Test Line (Mini- ROTL) — No. 5 Crossbar Offices
218-743-505	1	Enhanced Operational Trunk Testing/Remote Trunk Make-Busy — Status and Control Unit — Operation — No. 5 Crossbar Offices	218-743-704	1	ATMS-Responder — Adjustment of Drop Build-Out Capacitor — No. 5 Crossbar Offices
218-743-506	2	EOTT/RTMB (Enhanced Operational Trunk Test/Remote Trunk Make-Busy) Unit — Trouble Locating Procedures — No. 5 Crossbar Offices	218-743-705	1	Mini-Remote Office Test Line — Adjustment of Drop Build-Out Capacitor — No. 5 Crossbar Offices
218-743-510	2	Expanded Remote Office Test Line — Using the 92A Control Unit — Trunk Operational Tests — No. 5 Crossbar Offices	218-744-501	2	Incoming Trunk for Message Register Test — Voltage Adjustment Test
218-743-511	1	Expanded Remote Office Test Line — Transmission Tests — Using 92A Control Unit — No. 5 Crossbar Offices	218-745-501	3	Continuity and Polarity Test of Outgoing Trunks at Outgoing Trunk Test Frame Using Test Circuit SD-96370-01
			218-746-501	4	Line Message Registers — Tests Using Incoming Trunk for Message Register Test
			218-748-501	3	Message Register Power Supply and Associated No Voltage Alarm and Cross Detecting Alarm Circuit Tests

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218-749-501	3	Immediate Ring Control Circuit SD-27820-01 — Miscellaneous Tests	Addendum	2	
218-752-501	7	Fuse Alarms — Tests — No. 5 Crossbar Offices	218-764-501	5	Preference Control and Make-Busy Circuits — Wire-Spring-Relay Type — Tests
218-753-501	2	Voice Alarm and Control Circuit SD-27980-01 For Announcement System 7A Tests — No. 5 Crossbar	218-765-301	1	No-Such-Number Tone Signal Circuits — Alarm Routine
218-754-501	2	60- or 120-IPM Interrupter Circuit SD-25814-01 — Tests — Ringing Machine Operated	218-765-302	1	No-Such-Number Tone Signal Circuit SD-25831-01 — Taking Equipment Out of Service
218-756-301	4	Alarm Sending Circuits — Taking Equipment Out of Service	218-765-501	1	No-Such-Number Tone Signal Circuit SD-25831-01 — Tests
218-756-501	6	Alarm Sending Circuit SD-95417-01 — Tests	218-766-301	1	No-Such-Number Tone Signal Circuit SD-25791-01 — Taking Equipment Out of Service
Addendum	1		218-766-501	3	No-Such-Number Tone Signal Circuit SD-25791-01 — Tests
218-756-502	2	Alarm Sending Circuit SD-27594-01 — For Use With Operator Office Trunks and Alarm Checking Facilities — Tests	Addendum	1	
218-758-501	4	Permanent Signal Alarm Circuit — Tests	218-768-501	1	Range Extender Tests Using Automatic Range Extension Test Circuit SD-27831-01
218-759-501	2	Alarm Surveillance and Control System — Interconnection Circuit Tests — No. 5 Crossbar Offices	218-770-501	4	Line Insulation Test Frame — Maintenance and Calibration Tests — No. 5 Crossbar Offices
218-759-502	1	Alarm Surveillance and Control System — Overall Tests of Alarm, Status and Command Functions — No. 5 Crossbar Offices	Addendum	1	
218-760-701	1	Electron Tube Receiver Circuit SD-26118-01 (For Coin Control and Ringing Signal Detection) — Adjusting Procedure Using the No. 72A Frequency Meter SD-59373-01 (J64072A)	218-772-301	6	Master Timing Circuit SD-25633-01 — Methods of Handling Alarms With Six- Second Timing — No. 5 Crossbar Offices
Addendum	1		218-772-302	4	Master Timing Circuit SD-25633-01 — Taking Equipment Out of Service
218-762-501	5	Directional Reservation Circuit SD-26154-01 — Tests — No. 5 Crossbar Offices	218-772-303	3	Master Timing Circuit SD-25633-01 — Daylight Saving Time and Leap Year Changes
218-763-501	2	Dynamic Overload Control Circuit ES-27742-01 — Tests	Addendum	1	
218-763-502	3	Dynamic Overload Control Circuit SD-27866-01	218-772-304	1	Master Timing Circuit SD-25633-01 — Methods of Handling Alarms With One- Second Timing
218-763-503	4	Dynamic Overload Control Circuit SD-27970-01 — Tests	218-772-501	9	Master Timing Circuit SD-25633-01 — Six Second Timing Features — Tests
			Addendum	1	
			218-772-502	2	Master Timing Circuit SD-25633-01 — One Second Timing Features — Tests

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218-773-301	2	Master Timing Circuit SD-94811-01 — Resetting Time, Daylight Saving Time, and Leap Year Changes — No. 5 Crossbar Offices Arranged for Magnetic Tape Recording	Addendum	1	
218-773-501	4	Master Timing Circuit SD-94811-01 — Tests — No. 5 Crossbar Offices Arranged for AMA Magnetic Tape Recording	218-779-304	1	Plant and Traffic Register Lead Verification — No. 5 Crossbar Offices — Arranged With Call Data Transmitter
218-774-301	1	Line Link Pulsing — PBX — Power Failure Make-Busy	Addendum	2	
218-779-000	1	Alphabetical Index — Arranged With Call Data Transmitter	218-779-305	2	Trouble Record Diagnostics Procedures — No. 5 Crossbar Offices Arranged for Call Data Transmitter
218-779-101	1	Diagnostic Test Panel — Functional Description and Use — No. 5 Crossbar Offices Arranged With Call Data Transmitter	Addendum	1	
218-779-102	2	Cutover Procedures — No. 5 Crossbar Offices Arranged with Call Data Transmitter	218-779-306	2	System Cross-Connect Scan and Distribute Verification Procedures — No. 5 Crossbar Offices — Arranged for Call Data Transmitter
Addendum	3		Addendum	1	
218-779-103	1	Call Data Transmitter — Acceptance Test Procedures — No. 5 Crossbar Offices	218-779-307	1	On-Line Wired Data Base Audit — No. 5 Crossbar Offices Arranged With Call Data Transmitter
218-779-104	2	System Initialization and Recovery Procedures — Arranged With Call Data Transmitter	218-779-501	1	Completing Marker Interface Circuit — Test Using Master Test Frame — No. 5 Crossbar Offices — Arranged With Call Data Transmitter
218-779-105	2	Input-Output Messages — Using Diagnostic Test Panel — No. 5 Crossbar Offices Arranged With Call Data Transmitter	218-779-503	3	Translator Access Circuit — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged With Call Data Test Transmitter
Addendum	1		218-779-511	1	Completing Marker Interface Circuit — Test Using Office Test Frame — No. 5 Crossbar Offices Arranged With Call Data Transmitter
218-779-106	2	Trouble Record Error Codes — No. 5 Crossbar Offices — Arranged for Call Data Transmitter	218-779-513	2	Translator Access Circuit Tests — Using Office Test Frame Test Circuit SD-27633-01 (J23260) — Arranged With Call Data Transmitter
218-779-107	1	Call Data Transmitter — Analysis of Error Code 18 — No. 5 Crossbar Offices	218-779-701	3	Call Data Transmitter — Taking Equipment Out of Service — Procedures — No. 5 Crossbar Offices
218-779-108	1	Call Data Transmitter Operations Under Failure Conditions — No. 5 Crossbar Offices	218-779-702	1	Handling Call Data Transmitter (CDT) — Alarms — No. 5 Crossbar Offices
Addendum	2		218-780-301	1	Outgoing Announcement Trunks — Taking Equipment Out of Service
218-779-301	1	Diagnostic and Status Request Procedures Using Diagnostic Test Panel — No. 5 Crossbar Offices Arranged for Call Data Transmitter			
218-779-303	2	Trunk Audits — No. 5 Crossbar Offices — Arranged With Call Data Transmitter			

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218-781-301	3	Information, Repair Service, Common Overflow, Tone and Associated Auxiliary Trunks — Taking Equipment Out of Service	Addendum	1	
218-782-301	2	Recording Completing, Special Service, Vacant Code Intercepting and Associated Auxiliary Trunk Circuits — Taking Equipment Out of Service	218-798-101	2	Error Message Number Translations — Arranged for LAMA-C
218-783-301	1	Two Way Trunks — To Community Dial Offices — Taking Equipment Out of Service	218-798-102	1	Trunk Register, Call Record, and Label Formats Arranged for LAMA-C
218-784-301	1	Free Trunks — Taking Equipment Out of Service	218-798-103	1	LAMA-C Acceptance Test — Procedures
218-785-301	2	Verification Request, Intercepting and Information Service Trunks from Line Link Frame — Taking Equipment Out of Service	218-798-301	2	Processor(s) Loading and Start-Up Procedures — Arranged for LAMA-C
218-786-301	2	Incoming Trunk Circuits — Taking Equipment Out of Service	Addendum	1	
218-787-301	2	Outgoing Trunks — Taking Equipment Out of Service	218-798-302	1	Miscellaneous Operational Procedures — Arranged for LAMA-C
218-788-301	1	Incoming Intertoll Trunks — Taking Equipment Out of Service	Addendum	1	
218-789-301	1	Outgoing Intertoll Trunks — Taking Equipment Out of Service	218-798-303	1	Input Message Formats and Procedures — Arranged for LAMA-C
218-790-301	2	Intraoffice Trunk Circuits — Taking Equipment Out of Service	Addendum	1	
218-791-301	1	No-Such-Number Signal Tone Trunk — Taking Equipment Out of Service	218-798-304	1	Acknowledgement and Output Messages — Formats and Procedures — Arranged for LAMA-C
218-792-301	1	Miscellaneous Incoming Trunks from Local Test Desk Toll or DSA Switchboard — Taking Equipment Out of Service	Addendum	3	
218-793-301	1	Toll Switching and Operator Completing Trunk Circuits — Taking Equipment Out of Service	218-798-305	2	Recent Changes and Recent Change Tests — Formats and Procedures — Arranged for LAMA-C
218-794-301	2	Stuck Coin Trunk — Taking Equipment Out of Service	218-798-306	1	Diagnostic Task Programs and Procedures Arranged for LAMA-C
218-795-301	1	Outgoing Toll Switching Trunks — Taking Equipment Out of Service	218-798-307	1	Service Task Programs and Procedures — Arranged for LAMA-C
218-796-301	1	Pulse Conversion Toll Switching Trunk Circuits — Taking Equipment Out of Service	218-798-308	1	Taking LAMA-C Equipment Out of Service — Procedures — Arranged for LAMA-C
218-797-301	2	Reverting Call Trunks — Taking Equipment Out of Service	218-798-309	1	Generating, Storing, and Handling Back-Up Program Cassette Tapes — Arranged for LAMA-C
Addendum	1		218-798-310	1	Call Process Counts — Arranged for LAMA-C
218-798-000	1	Alphabetical Index — Arranged for LAMA-C	218-798-311	1	LAMA-C Cutover Procedures
			218-798-501	1	PBX-AIOD Tests — Arranged for LAMA-C
			Addendum	1	
			218-798-502	1	Program Controlled Transverter SD-28085-01 — Tests Using the Master Test Frame — Arranged for LAMA-C

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Addendum	1		■ 218-799-200	1	Alphabetical and Numerical Index — Software Subsystem Description — No. 5 Crossbar Offices — Arranged With Electronic Translation System
218-798-503	1	Combined Program Controlled Transverter and Multifrequency Outgoing Sender — Tests Using Automatic Monitor, Register, and Sender Test Circuit — SD-25680-01 (ANI) — Arranged for LAMA-C	■ 218-799-211	1	Data Dumps — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System
Addendum	1		■ 218-799-212	1	Primary Scan and Distribute — Software Subsystem Description — Electronic Translation System — No. 5 Crossbar Offices
218-798-504	1	Combined Program Controlled Transverter and Multifrequency Outgoing Sender — Tests Using Sender Test Set SD-25674-01 (J24756A) (ANI) — Arranged for LAMA-C	■ 218-799-214	1	Tape Handling — Software Subsystem Description — No. 5 Crossbar Offices — Arranged With Electronic Translation System
Addendum	1		■ 218-799-215	1	Error Handling — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
218-799-000	2	Alphabetical Index — Arranged With Electronic Translation System	■ 218-799-217	1	Terminal Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System
Addendum	1		■ 218-799-220	1	Call Processing Software — Software Subsystem Description — No. 5 Crossbar Offices — Arranged for Electronic Translation System
218-799-102	1	Data Dump Formats — No. 5 Crossbar Offices Arranged With Electronic Translation System	Addendum	1	
218-799-103	1	Trunk Register — Trunk Scanner, Row, and Bit Conversion Table — No. 5 Crossbar Offices Arranged With Electronic Translation System	■ 218-799-221	1	Preroute Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
Addendum	1		■ 218-799-222	1	Type of Line Translation (TOL) — Software Subsystem Description — No. 5 Crossbar Offices Arranged With ETS
218-799-104	1	Cutover Procedures — Arranged With Electronic Translation System (ETS)	Addendum	2	
218-799-105	1	Electronic Translation System — Acceptance Test Procedures — No. 5 Crossbar Offices	■ 218-799-224	1	Routing and Screening — Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
218-799-106	2	Electronic Translation System (ETS) — Acceptance Test Procedures for Telecommunications Alarm Surveillance and Control (TASC) System — No. 5 Crossbar Offices	■ 218-799-225	1	Trunk Supervision — Software Subsystem Description — Electronic Translation System (ETS) — No. 5 Crossbar Offices
218-799-107	2	Office Growth — Procedures and Acceptance Tests — Arranged With Electronic Translation System			
218-799-108	1	New Generic Acceptance Test Procedures — No. 5 Crossbar Offices Arranged With Electronic Translation System			

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■ 218-799-227	1	Trunk Selection — Busy and Overflow Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System	■ 218-799-242	1	Traffic and Plant Measurements — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System
Addendum	1		Addendum	1	
■ 218-799-228	1	Terminal Call — Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System	■ 218-799-243	1	Recent Change Software Structure — General Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
■ 218-799-229	1	Directory Number Translation — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System	■ 218-799-244	1	Recent Change Software Structures — Part 1 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
■ 218-799-230	1	CAMA Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System	■ 218-799-245	1	Recent Change Software Structures — Part 2 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
Addendum	1		■ 218-799-246	1	Recent Change Software Structures — Part 3 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
■ 218-799-231	1	ANI Call Processing — Software Subsystem Description — No. 5 Crossbar Offices — Arranged for Electronic Translation System	■ 218-799-247	1	Recent Change Software Structures — Part 4 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
Addendum	2		■ 218-799-248	1	Recent Change Software Structure — Part 5 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
■ 218-799-232	1	Automatic Identified Outward Dialing — Software Subsystem Description — No. 5 Crossbar Offices — Arranged With Electronic Translation System	■ 218-799-249	1	Recent Change Software Structure — Part 6 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
■ 218-799-233	1	Network Management — Software Subscription — No. 5 Crossbar Offices Arranged with Electronic Translation System	■ 218-799-251	1	Miscellaneous Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
■ 218-799-234	1	Remote Message Register Processing — Software Subsystem Description — Electronic Translation System — No. 5 Crossbar Offices	■ 218-799-252	1	Reallocation and Patches — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
■ 218-799-235	1	Automatic Trouble Analysis — Software Subsystem Description — No. 5 Crossbar Office — Arranged With Electronic Translation System			
■ 218-799-241	1	General Purpose Routines — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System			

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■ 218-799-253	1	Call Processing of AMARC Data — Software Subsystem Description — Arranged With Electronic Translation System	■ 218-799-274	1	Marker Distribute Point Diagnostic — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
Addendum	1				
■ 218-799-255	1	Stand Alone Audits — Part 1 — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System	■ 218-799-275	1	Diagnostic System Subroutines — Software Subsystem Description — Arranged for Electronic Translation System
■ 218-799-256	2	Stand Alone Audits — Part 2 — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System	218-799-302	3	Miscellaneous Operational Procedures — No. 5 Crossbar Offices — Arranged With Electronic Translation System
Addendum	1		218-799-303	3	Tape Cartridges and Tape Data Facilities — General — No. 5 Crossbar Offices — Arranged With Electronic Translation System
■ 218-799-257	1	Stand Alone Audit — Part 3 — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System	218-799-305	2	Processor Complex Diagnostic Procedures — No. 5 Crossbar Offices — Arranged With Electronic Translation System
Addendum	1		218-799-306	1	Local Data Counts — Arranged With Electronic Translation System
■ 218-799-258	1	Stand Alone Audits — Part 4 — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System	Addendum	1	
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■ 218-799-271	1	Directed Row Selection — Diagnostic — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System	218-799-310	1	System Initialization Procedures (Generic 2 and Subsequent Generic Issues) — No. 5 Crossbar Offices — Arranged With Electronic Translation System
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218-799-319	2	Plant and Traffic Registrations — Lead Verification — Offices Arranged With Electronic Translation System	Addendum	1	
218-799-320	1	Line Sleeve Test Procedures — Arranged With Electronic Translation System	218-799-332	1	Recent Change Procedures — Initializing NBRXLT Links, Entry Code Switching, and Link Tests — No. 5 Crossbar Offices Arranged With Electronic Translation System
218-799-321	2	Completing Marker Distribute Point Diagnostics — No. 5 Crossbar Offices Arranged With Electronic Translation System	218-799-333	1	Recent Change Procedures — Trunks on the Trunk Link Frame — Arranged with Electronic Translation System
218-799-322	3	Generic Overwrite Procedures — Offices Arranged With Electronic Translation System	218-799-334	1	Recent Change Procedures — Trunk Group Control — No. 5 Crossbar Offices Arranged With Electronic Translation System
Addendum	1		218-799-335	3	Recent Change, Verification, and Table Printout — Procedures for Individual Data Base Tables — General — No. 5 Crossbar Offices Arranged With Electronic Translation System
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218-799-327	1	Data Base Audit Procedures — Part 2 — Arranged With Electronic Translation System			
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218-799-329	1	Data Base Audit Procedures — Part 4 — Arranged With Electronic Translation System			

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218-799-341	2	Office Records — Update Printout Procedures — Arranged with Electronic Translation System	Addendum	2	
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218-799-346	1	Route Switch (RTSW) — Arranged With Electronic Translation System	218-799-356	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 7 — No. 5 Crossbar Offices Arranged With Electronic Translation System
218-799-347	1	Simulated Facilities (SIMFAC) — Arranged With Electronic Translation System	218-799-502	1	Automatic Number Identification — Program Controlled Transverter SD-28085-01 — Tests Using Master Test Frame — Arranged With Electronic Translation System
218-799-348	1	Traffic Sample Control — No. 5 Crossbar Offices Arranged With Electronic Translation System	218-799-503	1	Combined Program Controlled Transverter and Multifrequency Outgoing Sender ANI Tests Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01 — Offices Arranged With Electronic Translation System
218-799-350	1	Recent Change Verification, and Table Printout Procedures for Individual Data Base Tables — Part 1 — Arranged With Translation System	218-799-504	1	Combined Program Controlled Transverter and Multifrequency Outgoing Sender ANI Tests Using Sender Test Set SD-25674-01 (J24756A) — Offices Arranged With Electronic Translation System
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218-901-501	3	4-Wire Auxiliary Line Circuits SD-27516-01 and SD-27517-01 — Tests Using 19A Testboard	218-926-502	1	4-Wire Multifrequency Incoming Registers SD-26045-01 — Tests Using Automatic Monitor, Register and Sender Test Circuit SD-25680-01
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218-909-501	2	Trunk Link Circuits — Tests Using Master Test Frame	218-941-502	1	4-Wire Listed Directory Number and Intercepting Trunk Circuit SD-27747-01 — Tests Using Trunk Test Circuit SD-25918-01
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218-946-503	2	4-Wire Outgoing Intertoll Trunk SD-27842-01 Tests Using Trunk Test Circuit SD-25918-01	❶ 218-965-501	1	Intraoffice Trunk Circuits — Tests Using Test Circuit SD-26319-05
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218-947-501	5	4-Wire, 2-Way Trunks to a PBX SD-27535-01 — Tests Using Trunk Test Circuit SD-25918-01	❶ 218-965-503	1	Incoming Trunk Circuits — Tests Using Test Circuit SD-26319-05
218-948-501	5	4-Wire Intraoffice Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01	❶ 218-965-504	1	2-Way Operator Office Trunk Circuit SD-27593-05 — Tests — Using Test Circuit SD-26319-05 and No. 1, 3, 3C, or 3CL Toll Switchboards
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❶ 218-969-501	1	Outgoing Sender SD-26322-05 — Tests	❶ 218-975-501	1	Outgoing Sender Connector SD-26059-05 — Outgoing Sender Link and Stuck Sender Trunk — Identifier SD-26329-05 — Tests Using Test Circuit SD-26319-05
❶ 218-970-501	1	ANI Translator — SD-26019-05 — Tests Using Test Circuit SD-26319-05	❶ 218-975-503	1	Incoming Register Link Circuit SD-26330-05 — Tests
❶ 218-971-501	1	ANI Transverter and Connector Circuit SD-26325-05 — Tests Using Test Circuit SD-26319-05	❶ 218-975-504	1	Coin Supervisory Link Circuit SD-26343-05 — Tests
❶ 218-971-502	1	ANI Translator Line Verification — Tests Using Portable AMA Translator Line — Verification Test Circuit SD-27632-01 and Trouble Recorder SD-26320-05	❶ 218-977-100	2	Local and Remote Trouble Recording and Make-Busy Facilities
❶ 218-972-501	1	Originating Register — Dial Pulse or Touch-Tone Calling SD-26040-05 — Tests Using Test Circuit SD-26319-05	❶ 218-978-501	1	Subscriber Message Registers — Test Using Test Circuit SD-26319-05
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① 220-100-004	1	Centralized Automatic Message Accounting and Traffic Service Position Operation	220-121-502	1	Trouble Indicator Records
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220-137-504	3	
220-138-501	3	Incoming Trunks — Arranged for Remote Control Zone Registration — Tests Using Automatic Test Circuit SD-25368-01
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220-420-301	4	Interrupter Checking Circuit Alarm Routine — Tandem Trunks
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220-422-305	1	Trunk Group Data Base (Generic 2) Generation and Maintenance — Computerized Maintenance and Administration — Support III (COMAS III)	220-461-502	1	Incoming Trunk Test Circuit SD-25161-01 — Compensation for Office Wiring When Using ATTC — Crossbar Tandem Switching Systems
220-422-306	1	System Verification Tests (Generic 2) — Operating Procedures — Computerized Maintenance and Administration Support III (COMAS III)	▲220-462-000	2	Remote Office Test Line (ROTL)
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220-517-501	4	Position Link Circuits SD-25964-01 — Tests Using Sender Test Frame SD- 25963-01
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225-320-501	2	Outgoing Intercepting Trunks and Vacant Code Trunks — Operation Test Using Test Set SD-31859-01 (J34722B)	225-505-501	2	Combination Connectors — Toll Operation — Tests Using Test Set SD-90416- 01 (J94704A) and Test Line SD-32198-01
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225-330-500	5	Message Rate Trunk Circuits — Operation Tests Using Test Set SD-31858-01 (J34701A)	225-520-500	1	Miscellaneous Trouble and Fuse Alarms — Operation Tests
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225-635-500	2	Outgoing Interoffice Trunks — Operation Tests Using Dial Hand Test Set
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225-8 North Electric Company CX-Type Community Dial Offices

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- 020 Network Switched Services (Administration and Maintenance) Methods
- 060 Network Design

226-1 General Information

- 100 General System Information

226-2 Line Finders, Trunk Finders, and Associated Circuits**226-3 Selectors****226-4 Connectors****226-5 Trunks and Trunk Circuits****226-6 Pulse Repeaters and Out-Trunk Switches****226-7 Traffic and Message Registers****226-8 Alarms, Switchboards, and Miscellaneous Equipment**

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| 226-145-300 | 1 | Cable Protective Device Alarm, Cable Insulation Alarm and Permanent Signal Alarm Circuit SD-31912-01 — Procedure in Case of Alarm |
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226-2 Line Finders, Trunk Finders, and Associated Circuits

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226-200-505	10	Line Finders — Without Control Circuit — Operation Tests Using Individual Message-Rate Type Test Set — ES- 30417-01 (X-61351), SD-31246-01 (J34703A), or SD-31524-01 (J34718A) and Auxiliary Test Set SD-32173-01 (J34726)	226-3 Selectors		
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226-200-507	6	Line Finders — Operation Tests Using Test Set SD-90210-01 (J34704A) or SD-90416- 01 (J94704A)	226-300-501	4	Rotary Test Using Dial Hand Test Set
226-200-508	4	Line Finders — Line Tests Using Test Set SD-90210-01 (J34704A) or SD-90416-01 (J94704A)	226-300-503	4	Rotary Test Using No. 40C Test Set
226-200-509	4	Line Finders — Line Tests Using 2-Party Message Rate Type Test Set — SD- 31151-01 (X-61404A), SD-31258-01 (J34702A) or SD-31456-01 (J34715A)	226-300-504	4	Rotary Test Using Test Set SD-31616-01 (J34716A)
226-200-510	4	Line Finders — Line Tests Using Individual Message Rate Type Test Set — ES-30417-01 (X-61351), SD-31246-01 (J34703A), or SD-31524-01 (J34718A)	226-300-505	2	Rotary Tests Using Test Set ES-30068-01 or SD-31115-01 (J34707A)
226-205-500	4	Line Finders — With Control Circuit — Operation Tests Using Dial Hand Test Set	226-300-506	5	Rotary and C Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-210-500	2	Line Finders — Serving Two Classes of Lines — Normal Post Spring Operation Tests	226-300-507	6	B and C Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-215-500	6	Line and Trunk Finder Group and Chain Circuit — Miscellaneous Tests	226-305-500	9	Local and Toll Selectors — Operation Tests Using Dial Hand Test Set or 40C Test Set
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			226-310-500	3	Toll Transmission — Operation Tests Using Test Set SD-31858-01 (J34701A)

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226-310-502	5	Loop Dialing Toll Transmission — Operation Tests Using Test Set ES-30007-01 (X-61341)	226-320-501	2	Coin Control — Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-310-503	5	Loop Dialing Toll Transmission — Associated Jack Method Of Coin Control — Coin Control Tests Using Test Sets SD-30387-01 (J34713A) or ES-30007-01 (X-61341)	226-320-502	4	Loop Dialing Coin Control — Operation Tests Using Test Set SD-30387-01 (J34713A) or ES-30007-01 (X-61341)
Addendum	1		226-325-500	2	Code — Call Through Tests — From Associated Auxiliary Trunk Circuit Using Dial Hand Test Set
226-310-504	3	Loop and Repeated Dialing Toll Transmission — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)	226-330-501	2	Selector Repeaters — Rotary and C Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-310-505	5	Repeated Dialing Toll Transmission — Operation Tests Using Toll Train and Coin Box Trunk Test Set ES-241636	226-330-502	3	Selector Repeaters — Operation Tests Using Test Sets SD-31858-01 (J34701A), SD-90469-01 or SD-90469-02 (J94710A)
226-310-506	1	Repeated Dialing Toll Transmission Selectors and Toll Coin Control Switches — Coin Control and Operation Tests Using Toll Train and Coin Box Trunk Test Set ES-241636	226-340-500	3	Reverting Call — Pulsing Tests Using Pulsing Test Set SD-31481-01 (J34717A)
226-310-507	1	Repeated Dialing Toll Transmission — Associated Jack Method of Coin Control — Coin Control Tests Using Toll Train and Coin Box Trunk Test Set ES-241636	226-340-501	3	Reverting Call Selectors — Operation Tests Using Test Set SD-90416-01 (J94704A) and Test Line SD-32198-01
226-315-500	3	Loop and Repeated Dialing A-B Toll Transmission Selectors — Operation Tests Using Test Set SD-90469-01 (J94710A)	226-340-502	3	Reverting Call — Operation Tests Using Test Set SD-90469-02 (J94710A) and Test Line SD-32198-01
226-315-501	3	Loop Dialing A-B Toll Transmission — Operation Tests Using Test Set SD-30387-01 (J34713A) or ES-30007-01 (X-61341)	226-340-503	3	2- and 4-Party Reverting Call — Operation Tests Using Dial Hand Test Set and Test Circuit SD-30998-01
226-315-502	4	Loop Dialing Toll and A-B Toll Transmission and Other Selectors With Loop Compensating Resistances — Pulse Repeating and Pulsing Tests Using Pulse Repeating SD-31667-01 (J34720A) and Pulsing SD-31481-01 (J34717A) Test Sets	226-340-504	2	2- and 4-Party Reverting Call — Operation Tests Using Dial Hand Test Set and Test Circuit SD-31478-01 or SD-31479-01
226-315-503	3	Toll and A-B Toll Transmission — Operation Tests Using Test Set SD-90416-01 (J94704A)	226-340-505	3	Reverting Call — 2-Party Selective and 4-Party Semiselective — Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01
			226-340-506	3	Reverting Call — 2-Party Selective and 4-Party Semiselective — Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01

Number	Issue	Subject
226-340-507	2	8-Party Reverting Call — Operation Tests Using Dial Hand Test Set and Test Circuit SD-30998-01
226-340-508	2	8-Party Reverting Call — Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01
226-340-509	2	8-Party Reverting Call — Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Lines SD-31857-01 and SD-30981-01
226-340-510	1	8-Party Reverting Call — Operation Tests Using Dial Hand Test Set and Test Circuit SD-31478-01 or SD-31479-01
226-340-511	7	8- and 10-Party Reverting Call — Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-340-512	1	10-Party Terminal Per Line Reverting Call — Operation Tests Using Dial Hand Test Set and Test Circuit SD-31478-01 or SD-31479-01
226-340-513	2	10-Party Terminal Per Line Reverting Call — Operation Tests Using Dial Hand Test Set and Test Circuit SD-30998-01
226-340-514	2	Reverting Call — 5-, 10-, and 20-Party Terminal Per Line — Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01
226-340-515	2	Reverting Call — 5-, 10-, and 20-Party Terminal Per Line — Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01

226-4 Connectors

226-400-500	8	Pulsing Tests — Using Pulsing Test Set SD-31481-01 (J34717A)
226-400-501	7	Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-400-502	2	Seizure Test
226-400-503	2	Operation Tests Using A.E. Co.'s Test Set

Number	Issue	Subject
226-405-500	5	Local — Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01
Addendum	1	
226-405-501	6	Local — Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01
226-410-500	7	Local Level Hunting — Operation Tests — Using Connector Test Set SD-31637-01 or SD-31637-02 (J34719A) — Step-by- Step Systems
226-410-501	6	Local Level Hunting — Operation Tests — Using Connector Test Set SD-30502-01 (J34711A)
Addendum	2	
226-415-500	6	Local and Combination — Operation and Pulsing Tests Using Connector Test Set SD-31637-01 or SD-31637-02 (J34719A) and Pulsing Test Set SD-31481-01 (J34717A)
226-415-501	6	Local and Combination — Operation and Pulsing Tests Using Connector Test Set SD-30502-01 (J34711A) and Pulsing Test Set SD-31481-01 (J34717A)
226-415-502	7	Local and Combination — Rapid Operation Tests — Using Dial Hand Test Set and Test Line SD-31653-01
226-415-503	5	Local and Combination — Rapid Operation Test — Using Connector Test Set SD-30502-01 (J34711A) and Pulsing Test Set SD-31481-01 (J34717A)
226-415-504	6	Local and Combination — Rapid Operation Test — Using Connector Test Set SD-31637-01 or SD-31637-02 (J34719A) and Pulsing Test Set SD-31481-01 (J34717A)
226-415-505	3	Local and Combination — Local Operation Tests Using Test Set SD-90416-01 (J94704A) or SD-90210-01 (J34704A) and Test Line SD-32198-01

Number	Issue	Subject	Number	Issue	Subject
226-415-506	6	Local and Combination — Local Operation Tests Using Trunk Test Set SD- 90469-01 or SD- 90469-02 (J94710A) and Test Line SD-32198-01	226-440-500	1	Coin Connector and Associated Coin Control Trunk Circuit — Coin and Rering Tests
226-415-507	6	Local and Combination — Operation Tests Using Test Set SD-90210-01 (J34704A) or SD- 90416-01 (J94704A) and Test Line SD-32198-01, SD-32164-01 or SD- 31261-01	226-440-501	2	Coin Control — Prepayment Coin Service — Operation Test Using Test Set SD- 90469-02 (J94710A)
226-420-500	4	Combination Toll Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD- 31857-01 (J33017F)	226-440-502	2	Coin Control — Operation Tests Through Auxiliary Line Circuit Using Test Set SD-31858-01 (J34701A)
226-420-501	3	Combination — Toll Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Line SD- 31857-01 (J34017F)	226-5 Trunks and Trunk Circuits		
226-425-500	3	Toll and Combination — Toll Operation Tests Using Trunk Test Set SD-90469-01 or SD- 90469-02 (J94710A) and Test Line SD-32198-01	226-500-500	1	Auxiliary Trunk Circuit SD- 32071-01 Arranged for Right of Way on Emergency Calls — Operation Tests Using Dial Hand Test Set
Addendum	1		226-501-500	1	Auxiliary Trunk Circuits SD- 32070-01 and SD-32104-01 Arranged for Right of Way on Emergency Calls — Operation Tests Using Dial Hand Test Set
226-430-500	5	Loop Dialing Toll — Operation and Pulsing Tests Using Connector Test Set SD- 31637-01 or SD-31637-02 (J34719A) and Pulsing Test Set SD-31481-01 (J34717A)	226-502-500	3	Auxiliary Trunk Circuit — Prepayment Coin Service — Operation Tests Using Test Set SD-31858-01 (J34701A)
226-430-501	4	Loop Dialing Toll — Operation Tests Using Test Set SD-30387-01 (J34713A) or ES- 30007-01 (X-61341)	226-502-501	2	Auxiliary Trunk Circuit SD- 32025-01 — Prepayment Coin Service — Operation Tests Using Trunk Test Set SD-90469-02 (J94710A)
226-430-502	3	Repeated Dialing Toll — Operation Tests Using Toll Train and Coin Box Trunk Test Set ES- 241636	226-503-500	1	Auxiliary Trunk Circuit SD- 32341-01 — Operation Test Using Dial Hand Test Set
226-435-500	4	Loop Dialing Toll Level Hunting — Operation Tests Using Test Set SD-30387-01 (J34713A) or ES-30007-01 (X-61341)	226-504-500	1	Auxiliary Trunk Circuit for Automatic Timed Release SD- 32540-01 — Timing Test
226-435-501	4	Loop Dialing Toll Level Hunting — Operation Tests Using Connector Test Set SD-31637-01 or SD-31637-02 (J34719A)	226-505-500	1	Auxiliary Line Circuit SD-35002-01 — Hotel-Motel Service — Operation Tests
226-437-500	1	Connectors and Toll Transmission Selectors — 1000-Cycle Transmission Tests — Using Portable Transmission Measuring Set — Step-by-Step Systems	226-507-500	2	Permanent Signal Holding Trunk SD- 32370-01 — Miscellaneous Tests
			226-508-500	1	Interoffice Trunks to Step-by-Step Offices — Operation Test Using Trunk Test Set ES-30096-01
			226-508-501	1	Interoffice Trunks — Continuity and Polarity Test Using Test Set SD-31426-

Number	Issue	Subject	Number	Issue	Subject
226-508-501	1		226-521-504	2	Coin Trunk Circuit SD-31592-02 and Auxiliary Coin Trunk Circuit SD-32538-01 — Arranged for Dial-Tone-First Service — Operation Tests — Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-508-502	1	Interoffice Trunks — Continuity and Polarity Tests Using Test Set SD-31725- 01 (J34721A)			
Addendum	1				
226-508-503	2	Interoffice Trunks — Operation Tests Using Test Set SD-31859-01 (J34722B)	226-521-505	2	Coin Trunk Circuit SD-31592-02 and Auxiliary Coin Trunk Circuit Arranged for Dial-Tone-First Service — Operation Tests — Using Test Set SD-31858-01 (J34701A)
226-508-504	2	Interoffice Trunks — Operation Tests Using Test Set SD-90469-01 or SD-90469-02 (J94710A)			
226-508-505	2	Interoffice Trunks Operator Identified to CAMA Office — Operation Tests	Addendum	1	
226-511-500	1	Incoming Trunk Circuits SD-31703-01 — Operation Tests Using Test Sets SD- 31858-01 (J34701A), SD-90469-01 or SD-90469-02 (J94710A)	226-521-506	2	Coin Trunk Circuit SD-32539-01 — Arranged for Coin First Service — Operation Tests — Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-514-500	2	2-Way Operator Office Trunks and Associated Coin Control Trunk — Coin, Noncoin, and Rering Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)	226-521-507	2	Coin Trunk Circuit SD-32539-01 — Arranged for Coin First Service — Operating Tests — Using Test Set SD-31858- 01 (J34701A)
226-517-500	2	Coin Trunks — Pulsing Tests — Per Cent Break Method Using Pulsing Test Set SD-31481-01 (J34717A) and Pulse Repeating Test Set SD-31667-01 (J34720A)	226-521-508	2	Coin Trunk Circuit SD-32539-01 — Arranged for Dial-Tone-First Service — Operation Tests — Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-517-501	5	Coin Trunks — Operation Tests Using Loop Dialing Toll Train and Coin Trunk Test Set ES-30007-01 (X-61341) or SD-30387-01 (J34713A)	226-521-509	2	Coin Trunk Circuit SD-32539-01 — Arranged for Dial-Tone First Service — Operation Tests — Using Test Set SD- 31858-01 (J34701A)
226-517-502	5	Coin Trunks — Operation Tests Using Repeated Dialing Toll Train and Coin Box Trunk Test Set ES-241636 (X-61116)	Addendum	2	
226-521-502	2	Coin Trunk Circuit SD-31592-02 Arranged for Coin First Service — Operation Tests — Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A) — Step-by-Step Systems	226-522-300	1	Local Coin Overtime (LCOT) Charging Circuit SD-35046-01 — Description, Operation, and Trouble Locating — Step-by-Step Systems
226-521-503	2	Coin-Trunk Circuit SD-31592-02 — Arranged for Coin First Service — Operation Tests — Using Test Set SD-31858- 01 (J34701A)	226-524-500	2	Loop Dialing Recording-Completing Trunks From Coin Box Trunk Groups — Operation Tests Using Trunk Test Set SD-30387-01 (J34713)
			226-524-501	1	Repeated Dialing Recording-Completing Trunks From Coin Box Trunk Groups — Operation Tests Using Toll Train and Coin Box Trunk Test Set ES-241636

Number	Issue	Subject	Number	Issue	Subject
226-524-502	8	Recording-Completing Trunks — Coin and Noncoin — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A) Step-By-Step Systems	226-535-500	1	Trunks From Selector Levels to No. 12 Local Test Desks — Operation Test Using Trunk Test Set ES-30096-01
226-524-503	5	Recording-Completing Trunks — Operation Test Using Test Set SD-31858-01 (J34701A)	226-536-500	1	Trunks From Selector Levels to 1-C Repair Clerks' Desk — Operation Test Using Trunk Test Set ES-30096-01
226-524-504	2	Outgoing Trunk Circuit SD-35059-01 — 0+, 0- ONI Operation — TSPS/RTA — Operation Tests — Using Trunk Test Set SD-31858-01 (J34701A) or SD-90469-01 or SD-90469-02 (J94710A)	226-539-500	1	Trunk From Levels of Repeated Dialing — Toll Transmission Selectors — Continuity Test Using Test Set SD-90469-01 (J94710A)
226-525-500	1	Operators' Recording-Completing Trunks — Operation Tests — "A" Switchboards	226-540-500	1	Trunks From Levels of Repeated Dialing — A-B Toll Transmission Selectors — Continuity Tests Using Test Set SD-90469-01 (J94710A)
226-527-500	6	Trunks From Local Selector Levels — Continuity Tests Using Dial Hand Test Set	226-541-500	1	Trunk From Levels of Loop Dialing — Toll and A-B Toll Transmission Selectors — Continuity Tests Using Test Set SD-90469-01 (J94710A)
226-527-501	2	Trunks From Local Selector Levels — Continuity Test Using Trunk Test Set ES-30096-01	226-542-500	2	Trunks From Levels of Loop and Repeated Dialing — Toll Intermediate Selectors — Continuity and Polarity Tests Using Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-528-500	1	Trunks From Selector Levels to Information Desks — Operation Tests Using Trunk Test Set ES-30096-01	226-543-500	3	Interswitch Trunks From Levels of Loop Dialing Toll Transmission and Toll Intermediate Selectors — Test of C and S Leads Using Dial Hand Test Set
226-529-500	1	Trunks From Selector Levels to Special Service Positions — Operation Tests Using Trunk Test Set ES-30096-01	226-546-500	1	Trunks From Vacant Connector Terminals — Operation Tests Using Trunk Test Set ES-30096-01
226-531-500	1	Trunks From Selector Levels to Recording Positions — Operation Tests Using Trunk Test Set ES-30096-01	226-550-500	1	Intercepting Trunks From Local Selector Levels — Intercepting Handled at Toll Switchboard or Operating Room Desk — Operation Tests Using Trunk Test Set SD-90469-01 and SD-90469-02 (J94710A)
226-532-500	1	Trunks From Vacant Local Selector Levels to Intercepting Positions — Operation Test Using Trunk Test Set ES-30096-01	226-551-500	2	Intercepting Trunks From Local Selector Levels — Intercepting Handled at DSA Switchboards — Operation Tests Using Trunk Test Set SD-90469-01 and SD-90469-02 (J94710A)
226-533-500	3	Trunks From Local Selector Levels to Desks and Switchboard Positions — Operation Tests Using Dial Hand Test Set			
226-534-500	3	911 Emergency Service Trunk — Operation Tests — Using Trunk Test Set SD-90469-01, SD-90469-02 (J94710A), or SD-31858-01 (J34701A)			

Number	Issue	Subject	Number	Issue	Subject
226-552-500	2	Intercepting Trunks From Toll Selector Levels — Intercepting Handled at DSA Switchboard — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)	226-557-500	1	Intercepting Trunk — From Connectors and Selectors Using an Announcement Machine — Operation Tests Using Dial Hand Test Set
226-553-500	1	Intercepting Trunks From Toll Selector Levels — Intercepting Handled at Toll Switchboard or Operating Room Desk — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)	226-559-500	2	Intercepting and Verification Request Trunks From Connectors — Intercepting Handled at DSA Switchboard — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-554-500	1	Intercepting Trunks From Trunk Finders to a No. 14C, 14D, or 15C Switchboard Arranged to Trip Machine Ringing Before Extending Call to Operator — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)	226-560-500	1	Intercepting and Verification Request Trunks From Connectors — Intercepting Handled at Toll Switchboard or Operating Room Desk — Operation Tests Using Dial Hand Test Set
226-554-501	2	Intercepting Trunks From Trunk Finders to a No. 14C, 14D or 15C Switchboard Arranged to Trip Machine Ringing After Extending Call to Operator — Operation Tests Using Trunk Test Set SD-90469-01 and SD-90469-02 (J94710A)	226-561-500	3	Intercepting and Verification Request Trunks From Connectors — Intercepting Handled at DSA Switchboard — Operation Tests Using Dial Hand Test Set
226-555-500	1	Intercepting Trunks From Trunk Finders to Toll Switchboard or Operating Room Desk Arranged to Trip Machine Ringing Before Extending Call to Operator — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)	226-562-500	1	Intercepting and Verification Request Trunks From Connectors — Intercepting Handled at Toll Switchboard or Operating Room Desk — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-555-501	1	Intercepting Trunks From Trunk Finders to Toll Switchboard or Operating Room Desk Arranged to Trip Machine Ringing After Extending Call to Operator — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)	226-565-500	7	Individual Line Message-Rate Trunks — Line Finder Type — Operation Tests Using Individual Line Message-Rate Type Test Set SD-31246-01 (J34703A) or SD-31524-01 (J34718A)
226-556-500	2	Outgoing 2-Wire Intercepting Trunks From Trunk Finders Arranged for Regular or Trouble Intercept to Operator or to Machine Announcement — Operation Tests Using Test Set SD-90469-01 or SD-90469-02 (J94710A)	226-565-501	5	Individual Line Message Rate Trunks — Line Finder Type — Operation Tests — Using 2-Party Message Rate Type Test Set SD-31258-01 (J34702A) or SD-31456-01 (J34715A)
			226-566-500	2	2-Party Message Rate Trunks — Pulsing Tests — Per Cent Break Method Using Pulsing Test Set SD-31481-01 (J34717A) and Pulse Repeating Test Set SD-31667-01 (J34720A)
			226-566-501	4	2-Party Message Rate Trunks — Line Finder Type — Operation Tests Using Test Set SD-31151-01 (X-61404A) SD-31258-01 (J34702A) or SD-31456-01 (J34715A)

Number	Issue	Subject	Number	Issue	Subject
226-569-500	5	PBX Trunks from Selector Levels SD- 31757-01 — Operation Tests Using Test Set ES-241798, SD-30502-01 (J34711A), SD-31637-01 or SD-31637-02 (J34719A)	226-6 Pulse Repeaters and Out-Trunk Switches		
226-572-500	1	Toll Diverting Trunks — Operation Tests Using Trunk Test Set SD-90469-02 (J94710A)	Addendum	1	
226-575-500	2	Outgoing Trunks — Test of DC Key Pulsing — 15C Switchboard	226-600-500	5	Outgoing Repeaters — Pulsing and Continuity Test — Using Trunk Test Set SD- 90469-02 (J94710A) or Using Pulsing Test Set SD-31481-01 (J34717A)
226-577-500	2	Outgoing Dialing Trunks — Operation Tests — "A" Switchboards	226-600-501	2	Outgoing Repeaters — Pulsing Tests — Per Cent Break Method Using Pulse Repeating Test Set SD-31667-01 (J34720A) and Pulsing Test Set SD- 31481-01 (J34717A)
226-588-500	6	Trunk Transmission Tests — Step-by-Step Offices Not Provided With Manual Trunk Test Frame	226-600-502	1	Repeaters — C Relay Release Test Using Dial Hand Test Set
226-588-501	1	PBX Trunk Relay Equipment — 1000- Hertz Transmission Test — Using Portable Transmission Measuring Set — Step-by-Step Systems	226-600-503	4	Repeaters — B and C Relay Timing Tests Using Relay Timing Test Set SD-90418- 01 (J94713A)
Addendum	1		226-605-500	3	Rotary Out-Trunk Switch SD-32253-01 — Operation Test Using Dial Hand Test Set
226-590-500	4	Trunk Transmission Tests — Step-by-Step Offices Provided With Manual Outgoing Trunk Test Frame SD-32349-01	226-610-500	6	Rotary Out-Trunk Switches Arranged for Preselection — Operation Tests Using Test Set SD-31426-01 (J34714A)
226-590-501	1	Trunk Transmission Tests — Circuits Terminated at Commercial ACD — Step-by- Step Systems	226-610-501	7	Rotary Out-Trunk Switches Arranged for Preselection — Operation Tests Using Trunk Test Set SD-90469-02 (J94710A)
226-591-101	2	Automatic Outgoing Trunk Test Frame — Description	226-7 Traffic and Message Registers		
226-591-300	2	Compiling Data for Control Tapes — Automatic Outgoing Trunk Test Frame	226-700-500	4	Traffic Registers Associated With Line and Trunk Finders — Operation Tests
226-591-301	2	Preparation of Control Tapes — Automatic Outgoing Trunk Test Frame	226-700-501	2	Traffic Registers Associated With Selectors — Operation Tests
226-591-501	2	Operational and Transmission Tests on Outgoing Dial Trunks Using Automatic Outgoing Trunk Test Frame SD-32504-	226-700-502	3	Traffic Registers Associated With Connectors — Operation Tests
226-591-501	2		226-700-503	1	Traffic Registers Associated With Repeaters — Operation Tests
226-591-510	1	Automatic Outgoing Trunk Test Frame — SD-32504-01 — Tests	226-705-500	3	Line Message Registers Associated With Line Finder Equipment — Cross Connection and Operation Tests Using Test Set SD-30490-01 (J34706A) and Test Line SD-31610-01 or Equivalent
226-591-701	1	Adjustment of Line Build-Out Networks — Automatic Outgoing Trunk Test Frame SD-32504-01			

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226-705-501	1	Line Message Registers Associated With Line Finder Equipment Arranged for Overtime Charging — Cross Connection and Operation Tests Using Test Set SD-30490-01 (J34706A) and Test Line SD-31610-01 or Equivalent	226-814-500	1	Emergency Manual Circuits for Manual Operation and Interception of Subscriber Lines and Trunk Circuits — Operation Tests Using Dial Hand Test Set
226-705-502	1	Low Resistance Line Message Registers — Cross Connection and Operation Tests Using Test Set SD-32150-01 (J34725A) and Test Line SD-31610-01 or Equivalent	226-816-500	2	Line Adapter Circuit SD-32072-01 Arranged for Right of Way on Emergency Calls — Operation Tests Using Dial Hand Test Set
226-8 Alarms, Switchboards, and Miscellaneous Equipment			226-818-500	1	Emergency Line circuit SD-32313-01 — Operation Tests Using Dial Hand Test Set
226-800-500	6	Switch Trouble and Fuse Alarms — Operation Tests	226-819-500	2	Emergency Transfer Circuit Per SD-96425-01 to Provide Emergency Manual Service for Dial Subscribers — Operation Tests
226-801-500	8	Trouble and Fuse Alarms — Miscellaneous Circuits — Operation Tests	226-820-500	1	Trunk Group Usage Circuit SD-32049-01 — Operation Tests
226-802-500	1	Cable Protective Device Alarm, Cable Insulation Alarm and Permanent Signal Alarm Circuit SD-31912-01 — Operation Tests	226-822-500	2	Coin Timing and Coin Collect and Monitor Circuits for Overtime Charging — Operation Tests Using Trunk Test Set SD-90469-01 (J94710A)
226-803-500	3	Permanent Alarms — Selectors, Connectors, P.B.X. Trunks, and Reverting Call Selectors — Operation Tests	226-824-500	2	Timing Intervals for Coin and Message Rate Overtime Charging Using Test Set SD-32031-01 (J34723)
226-804-500	1	Pulse Generator and Counting Circuit SD-32310-01 — Alarm and Transfer Test	226-826-500	4	Plugging-Up Circuits — Operation Tests
226-806-500	1	Precise Busy Tone Supply J87353A — Tests	226-828-500	3	Test Distributors — Pulsing Tests Using Pulsing Test Set SD-31481-01 (J34717A)
226-807-500	1	Voice Alarm and Control Circuit SD-27980-01 for Announcement System 7A — Tests	226-828-501	7	Test Distributors — Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-807-501	1	Interface and Alarm Circuit SD-35067-01 for 13A Announcement System — Tests	226-829-100	1	Remote Office Test Line (ROTL) — Description
226-808-501	1	Telecommunications Alarm Surveillance and Control (TASC) — Interconnection Circuit Tests — Step-by-Step Offices	226-829-500	1	Remote Office Test Line (ROTL) SD-32521-01 — Tests
226-810-500	4	Line Load Control Equipment — Operation Tests	226-829-700	2	Adjustment of Line Build-Out Network — Remote Office Test Line SD-32521-01
226-813-500	1	Calling Line Identification Circuits for Intra SXS Office Calls — Tests	226-830-500	1	Line Insulation Test Frame — Maintenance and Calibration Tests
			▲226-831-000	1	Remote Office Test Line (ROTL-2)
			226-831-100	2	Expanded Remote Office Test Line Arrangements — Descriptive Information

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226-832-500	1	Call-Through Tests Using Call-Through Test Set SD-90603-01 (J94715) or SD- 21069-01 (J24714)	226-840-500	3	Auxiliary Coin Lines — Postpayment Type — Operation Test
Addendum	1		226-842-500	3	Auxiliary Line Circuit — Prepayment Coin Service — Operation Test Using Test Set SD-31858-01 (J34701A)
226-833-500	3	Call-Thru Tests Using Automatic Call- Thru Test Set SD-32522-01 (J34728) — No. 1 and 350A Step-by-Step, 355A and 35E97 Community Dial Offices	226-842-501	3	Auxiliary Line Circuits — Prepayment Coin Service — Operation Test Using Test Set SD-90469-02 (J94710A)
226-834-100	3	Remote Office Test Line (ROTL-3) — Description — Step-by-Step Offices	226-844-500	3	MF Key Pulsing Senders Arranged to Transmit Dial Pulses — Operation Tests Using Manual Test Circuit SD-95400-01 — No. 1 and No. 3 Type Toll Switchboards and No. 15C Switchboard
226-834-101	2	Portable Remote Office Test Line (ROTL- 3) — Description — Step-by-Step Offices	226-846-500	3	DC Key Pulsing Senders Arranged to Transmit Dial Pulses — Operation Tests Using Manual Test Circuit SD-90635-01 — No. 1 and No. 3 Type Toll Switchboards and No. 15C Switchboard
226-834-300	3	Remote Office Test Line (ROTL-3) — Acceptance Tests	226-846-501	2	DC Key Pulsing Senders — Operation Tests Using Automatic Test Circuit SD- 90424-01 — No. 1 and No. 3 Type Toll Switchboards and 15C Switchboards
226-834-301	2	Portable Remote Office Test Line-3 (ROTL- 3) — Acceptance Tests	226-847-501	1	Automatic Test Circuit — For Key pulsing Senders SD-90424-01 — Operation Tests — Step-by-Step Offices
226-834-310	1	Mini-RTTU (Remote Trunk Test Unit) With RTMB (Remote Trunk Make Busy) Option — Data Base Operating Instructions	226-848-500	3	Cord Circuit Supervisory Relays — Current Flow Tests — Nos. 14C, 14D, and 15C "A" Switchboards
226-834-500	1	Remote Office Test Line (ROTL-3) — Trouble Locating Procedures	226-850-500	3	Cord Circuit Sleeve Relays — Current Flow Tests — Nos. 14C, 14D, and 15C "A" Switchboards
226-834-501	1	Portable Remote Office Test Line (ROTL- 3) — Trouble Locating Procedures	226-852-500	2	Recording Completing Cord Circuits — 15C or 15D "A" Switchboard
226-834-700	3	Adjustment of Line Build-Out Network — Remote Office Test Line (ROTL-3)	226-854-500	3	Intercepting and Special Service Cord Circuits — Operation Test Using Testing Circuit SD-31025-01 or SD-90501-01
226-834-701	2	Portable Remote Office Test Line (ROTL- 3) — Adjustment of Line Build-Out Network	226-856-500	3	Cord Circuits — A-C Continuity Test — DSA Switchboards Nos. 14C, 14D and 15C
226-836-101	1	30A Level Distribution Register — Description	226-858-500	1	DSA Switchboards — 1000-Cycle Transmission Tests — Using Portable Transmission Measuring Set — Step-by-Step Systems
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226-836-500	3	Contact Noise Measurements Using 30A Level Distribution Register			
226-838-500	1	Auxiliary Line Circuits Arranged for Right of Way on Emergency Calls — Operation Tests Using Dial Hand Test Set			
226-838-501	1	Common Systems — Line Circuit SD95873-01 (or Equivalent) — Public Emergency Reporting — Tests			

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226-860-300	2	Method of Handling Complaints and Requests for All Offices Involving Charge Irregularities on Crossbar Tandem CAMA Calls

Division 227

General and Testing Information Applying to Intertoll Dialing, CAMA, AMA, ANI, Touch-Tone Calling and Common Control Equipment Step-By-Step Systems

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227-001 Equipment Test Lists (ETL)

227-001-011	3	Intertoll Dial Circuits
227-001-013	12	CAMA Equipment

227-099 Customer Information Release (CIR)

□ 227-099-001TD	1	Mini-Call Data Accumulator, Operations Systems
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227-100-500	5	Selectors — Operation Tests Using Dial Hand Test Set
227-100-501	2	Intertoll Selectors — Rotary Test Using 40C Test Set
227-100-502	6	Intertoll Selectors — Rotary Tests Using Dial Hand Test Set With or Without Selector Rotary Action Test Set — SD- 31616-01 (J34716A)
227-100-503	3	Intertoll Selectors — Rotary and C Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A) and Toll Pulse Repeating Test Set SD-64540-01 (J64722A)
227-100-504	4	Intertoll Selectors — B and C Relay Timing Tests Using Relay Timing Test Set SD- 90418-01 (J94713A) and Pulse Repeating Test Set SD-64540-01 (J64722A)
227-100-505	4	Intertoll Selectors — Pulsing Tests Using Pulse Repeating Test Set SD-64540-01 (J64722A) — With or Without Pulsing Test Set SD-31481-01 (J34717A)
227-100-506	3	Intertoll Transmission Selectors — Test of C and S Leads Using Dial Hand Test Set
227-100-507	1	Intertoll Selectors — Permanent Alarms — Operation Test
227-105-500	1	Traffic Registers — Associated With Intertoll Selectors — Tests
227-110-500	1	Intertoll Through Selectors — Group Busy and Overflow Circuit — Operation Tests Using Dial Hand Test Set
227-115-500	2	Rotary Out-Trunk Switch — Operation, Alarm and Register Tests Using Test Circuit SD-56118-01
227-115-501	2	Rotary Out-Trunk Switches — Operation, Alarm and Register Tests Using Test Circuit SD-56342-01

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227-120-500	4	Dial or Automatic Manual Intertoll Trunks Having Selector Multiple Appearances — Operation Tests Using Dial Hand Test Set	227-221-300	4	Identifier Cross Connections
Addendum	1		227-221-500	5	Identifiers — Operation Tests Using Sender, Identifier, and Transverter Test Circuit
227-125-500	4	Trunks to Toll Operator, Information, Intercept and Interswitch Trunks to Auxiliary Intertoll Selectors — Operation Tests Using Dial Hand Test Set	227-221-501	2	Identifiers — Miscellaneous Tests
Addendum	1		227-222-100	1	Automatic Number Identification-Type E — Description
227-130-500	5	Trunks From Levels of Intertoll Selectors — Continuity Test Using Dial Hand Test Set	227-222-300	1	Automatic Number Identification — Type E Trouble Locating Procedures
227-135-500	1	Intertoll Trunks — Miscellaneous Tests	227-223-500	1	Translations — Miscellaneous Tests
227-145-500	2	Intertoll Timing Circuit SD-64587-01 — Timing and Alarm Tests	227-225-500	1	Outgoing Trunk SD-32508-01 Automatic Number Forwarding — Tests Using Trunk and Outpulser Test Frame SD- 32511-01
227-160-500	1	Directional Reservation Circuit (SD-56470- 01) — Operation and Register Test	227-225-501	1	Outgoing Trunk SD-35006-01 — Automatic Intercept System — Tests Using Trunk and Outpulser Test Frame SD- 32511-01 No. 1 Step-by-Step Office Arranged for AMA
227-165-500	2	Controllers — Intertoll Trunk Concentrating Equipment — Operation Tests	227-227-500	2	Outpulser Connector SD-32509-01 — Automatic Number Forwarding and Automatic Intercept System — Operational Tests — No. 1 Step-by-Step Offices Arranged for AMA
227-170-300	3	Method of Taking Equipment Out of Service	227-228-500	2	Outpulser — Automatic Number Forwarding and Automatic Intercept System — Tests Using Trunk and Outpulser Test Frame SD-32511-01 — No. 1 Step-by-Step Offices Arranged for AMA
227-185-500	6	Switch Trouble and Fuse Alarms — Tests	227-229-500	2	Trunk and Outpulser Test Frame — Automatic Number Forwarding and Automatic Intercept System — Tests
227-186-500	7	Trouble and Fuse Alarms — Miscellaneous Circuits	227-230-500	1	Outgoing Trunks — Voltmeter Tests Using Automatic Trunk Test Frame
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227-212-500	3	Common Number and Class Circuit — Verification of Crossed Sleeve Test			
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227-236-500	4	Sender-Trunk Connectors — Miscellaneous Tests	227-300-000	2	Cross-Connection and Record Forms
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227-239-500	3	Senders — Operation Tests Using Sender, Identifier, and Transverter Test Circuit	227-305-500	7	Trouble and Fuse Alarms — Miscellaneous Circuits
227-239-501	1	Senders — Miscellaneous Tests	227-310-500	5	Dial Pulsing or MF Incoming Trunk Circuits — Operation Tests Using Test Set SD-32271-01 (J38913A) — Step-by-Step Intertoll Dialing Offices Arranged for CAMA
227-245-500	3	Transverter — SD-32203-01 — Operation Tests Using Sender, Identifier, and Transverter Test Circuit	227-311-500	1	CAMA Suspension Feature of Jack Key and Lamp Circuit — Tests — Step-by-Step Intertoll Dialing Offices Arranged for CAMA
227-245-501	3	Transverters — Miscellaneous Tests	227-315-500	2	Incoming Register Links — Miscellaneous Tests
227-251-500	2	Sender-Transverter Connectors — Operation Tests	Addendum	1	
227-252-500	1	Dynamic Overload Control — Operation Tests — Using Sender, Identifier, and Transverter Test Circuit SD-32208-01	227-316-500	4	Incoming Register Circuit — Operation and Miscellaneous Tests Using CAMA Test Set SD-32271-01 (J38913) for Operation Tests
227-254-300	1	Taking Equipment Out of Service — Recorder and Recorder Connector Circuits	227-318-500	3	Pretranslator — Operation and Miscellaneous Tests
227-257-500	2	Rotary Out-Trunk Switches — Miscellaneous Tests Using Trunk Test Set SD- 90469-02 (J94710A)	227-320-500	1	Trunk Finders — Operation Tests Using Test Set
227-258-500	1	Trunk Finders — Operation Test — Using Trunk Test Set SD-90469-02 (J94710A)	227-325-500	5	Senders — Operation Tests Using Test Circuit SD-32270-01 and Test Set SD- 32271-01 (J38913A)
227-260-500	2	Dial Coin Zone Concentrating Circuit — Miscellaneous Tests	227-325-501	5	Senders — Miscellaneous Tests
227-263-500	1	4-IPM Interrupter and Alarm Circuit — Miscellaneous Tests	227-330-500	1	Decoder Connectors — Miscellaneous Tests
227-266-500	3	Call Count Process Control — Storage and Register Circuit — Operation Tests	227-331-500	5	Decoders — Operation Tests Using Sender Circuit and Test Set Circuit SD-32271-01 (J38913A)
227-267-500	2	Traffic Registers — Operating Tests — Step-by-Step Offices Arranged for AMA	227-331-501	4	Decoders — Miscellaneous Tests
227-268-500	2	Plant Registers — Operation Tests — Step- by-Step No. 1 Offices Arranged for AMA	227-335-500	4	Trunk Class Translators — Operation Test Using Test Set SD-32271-01 (J38913A)
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			227-345-500	1	Transverter Connector — Miscellaneous Tests

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227-346-500	6	Transverters — Tests Using Sender Circuit and Test Set Circuit — SD-32271-01 (J38913A)	227-5 ANI Equipment		
227-346-501	3	Transverters — Miscellaneous Tests	227-500-100	1	Type B (ANI-B) System — Step-by-Step Office — General Description Information
227-355-500	2	Calls-Waiting Signal Circuit — Operation Tests	227-500-300	5	Automatic Number Identification — Analysis of Trouble Tickets — Step-by-Step Offices Arranged for ANI-Type B
227-360-500	2	Trunk Transfer Circuit — Operation Tests	227-502-500	2	Call-Thru Tests for Local Directory Assistance Trunks With Automated Number Identification — Types B, C, and D — Step-by-Step Offices
227-365-500	2	Traffic Registers — Operations Tests	227-504-500	3	Fuse Alarms — Step-by-Step Offices — Arranged for ANI-Type B, C, or D
227-370-500	2	Plant Registers — Operation Tests	227-505-300	3	Analysis and Clearance of Trouble — Number Network and Primary Bus Circuit — Secondary Network and Bus Connector Circuit — Step-by-Step Offices Arranged for ANI Type B
227-4 Common to AMA and CAMA Equipment			227-505-301	2	Method of Making Cross-Connections — Number Network Frame — Step-by-Step Offices — Arranged for ANI-Type B
227-400-300	5	Master Timing Circuit SD-25633-01 — Methods of Handling Alarms With Six- Second Timing	227-505-800	7	Number Network Frame — 313A and 313B Panels — Piece-Part Data and Replacement Procedures — Step-by-Step Offices Arranged for ANI-Type B
227-400-301	2	Master Timing Circuit SD-25633-01 — Taking Equipment Out of Service	Addendum	1	
227-400-302	3	Master Timing Circuit SD-25633-01 — Daylight Saving Time and Leap Year Changes	227-520-500	2	Customer Lines — Verification Tests — Step-by-Step Offices Arranged for ANI- Type B
227-400-303	1	Master Timing Circuit SD-25633-01 With One-Second Timing Features	227-525-500	8	Outgoing Trunk Circuits — Operation Tests Using Automatic Trunk Test Circuit SD-32315-01 and Outpulser Identifier Test Circuit SD-95815-01 — Step-by-Step Offices Arranged for ANI-Type B
227-400-500	8	Master Timing Circuit SD-25633-01 — Six- Second Timing Features — Operation Tests	227-526-500	2	Outgoing Intercept Trunk to AIS — Operation Tests Using Manual Outgoing Trunk — Test Frame SD-32349-01 — Step-by-Step Offices With ANI-B
227-400-501	1	Master Timing Circuit SD-25633-01 — One-Second Timing Features — Operation Tests	227-530-300	3	Identifier SD-1C593-01 — Automatic Number Identification-Type B — Location of Faulty Circuit Packs
227-430-300	3	Recorder and Recorder Connector — Alarm Procedure			
227-430-500	5	Recorder and Recorder-Connector Circuit SD-25872-01 — Operation Tests — Step-by-Step Offices Arranged for AMA or Step-by-Step Intertoll Dialing Offices Arranged for CAMA Paper Tape			
227-450-500	2	Call Identify Indexer Circuit SD-25621-01 — Operation Tests			
227-455-300	3	Central Office Automatic Message Accounting Equipment — Precautions to Limit Stoppages in No. 1 Accounting Center			

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227-530-301	2	Identifier SD-1C593-01 — Arranged for Automatic Number Identification — Type B (ANI-B) — Detailed Trouble Locating Procedures	227-570-800	2	200-Number Network Units — Piece-Part Data and Replacement Procedures — Step-by-Step Offices — Arranged for ANI-Type C
227-530-500	5	Identifier Circuits SD-95810-01 — Tests Using Outputpulser-Identifier Test Circuit SD-95815-01 — Step-by-Step Offices Arranged for ANI-Type B	227-571-500	3	Test and Line Verification Circuit — Tests — Step-by-Step Offices Arranged for ANI-Type C
227-530-501	1	Identifier Circuits SD-1C593-01 — Tests Using Outputpulser-Identifier Test Circuit SD-95815-01 — Step-by-Step Offices Arranged for ANI-Type B	227-572-500	6	Customer Lines — Verification Test — Using Test and Line Verification Test Circuit SD-32379-01 — Step-by-Step Offices Arranged for ANI-C
227-530-502	1	Automatic Number Identification Type-B (ANI-B) Identifier SD-1C593-01/CDA — System — Installation Evaluation Procedures	227-575-500	8	Outgoing Trunk Circuits — Tests — Using Test and Line Verification Test Circuit SD-32379-01 — Step-by-Step Offices Arranged for ANI-C
227-535-500	4	Outputpulser-Identifier Test Circuit — Miscellaneous Tests	227-576-500	3	Outputpulser Connector Circuit — Operation Tests — Step-by-Step Offices Arranged for ANI-Type C
227-540-500	7	Outputpulser Connector Circuit — Operation Tests — Arranged for ANI-Type B	227-577-500	4	Outputpulser Circuit SD-32375-01 — Miscellaneous Tests — Step-by-Step Offices Arranged for ANI-Type C
227-545-500	5	Outputpulser Circuit — Operation Tests — Step-by-Step Offices Arranged for ANI-Type B	227-578-500	1	Trunk Connector Circuit SD-35043-01 for AIS and Directory Assistance Trunks — Operation Tests — Step-by-Step Offices Arranged for ANI-C or ANI-D
227-545-501	6	Outputpulser Circuits — Miscellaneous Tests — Step-by-Step Offices Arranged for ANI-Type B	227-579-500	5	Pulse Generator Circuit SD-32378-01 — Test and Replacement Procedures — Step-by-Step Offices Arranged for ANI-Type C and ANI-Type D
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227-555-500	5	Automatic Number Identification Trouble Ticketer Circuit — Tests Using Outputpulser-Identifier Test Circuit SD-95815-01 and Automatic Trunk Test Circuit SD-32315-01 — Step-by-Step Offices Arranged for ANI-Type B	227-580-501	2	Outgoing Intercept Trunks SD-35037-01 for ANI-C and ANI-D — Operation Tests — Using Test Set SD-35053-01 (J34733A)
227-560-500	7	Automatic Trunk Test Circuit SD-32315-01 — Miscellaneous Tests — Step-by-Step Offices Arranged for ANI-Type B	227-581-500	5	Plant Registers — Operation Tests — Step-by-Step Offices Arranged for ANI-C and ANI-D
227-565-500	3	Oscillator Circuits — Functional Tests — Step-by-Step Offices Arranged for ANI-Type B	227-582-500	3	Customer Lines — Verification Test — Using Test and Line Verification Test Circuit SD-35019-01 — Step-by-Step Offices Arranged for ANI-Type D
227-568-500	2	Traffic Registers — Operation Tests — Step-by-Step Offices Arranged for ANI-Type B			
227-569-500	5	Plant Registers — Operation Tests — Step-by-Step Offices Arranged for ANI-Type B			

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227-582-501	5	Outgoing Trunk Circuits — Operation Test — Using Test and Line Verification Test Circuit SD-35019-01 and Trunk Test Circuit SD-35038-01 — Step-by-Step Offices Arranged for ANI-Type D
227-582-502	2	Outpulser Circuit SD-35017-01 — Operation and Miscellaneous Tests — Step-by-Step Offices Arranged for ANI-Type D
227-582-503	1	Coin Operator Assist and Special Toll Functions of ANI-D Outgoing Trunks — Operation Tests Using ANI-D Test Trunk Circuit SD-35038-01 — Step-by-Step Offices Arranged for ANI-Type D
227-582-800	3	Number Network Replacement Procedures — Step-by-Step Offices Arranged for ANI-Type D
227-584-100	3	Call Data Accumulator and Mini-Call Data Accumulator — Description
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227-584-101	1	Call Data Accumulator (CDA) Portable Test Set SD-32560-01 Description, Operation and Maintenance
227-584-300	2	Call Data Accumulator — Trouble Locating
227-584-301	2	Call Data Accumulator — Trouble Locating Procedures Using Line Identification Control — Test Circuit SD-32559-01 — Step-By-Step Offices
227-584-310	1	Mini-Call Data Accumulator — Trouble Locating — Step-By-Step Offices
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227-6 Touch-Tone Calling Equipment — Not Adaptable for Common Control

227-605-500	1	Fuse Alarms
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227-620-500	1	Touch-Tone Calling Converter Finder SD- 33028-01 — Operation Tests

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227-625-500	3	Touch-Tone Calling Signal to Dial Pulse Converters SD-32328-01 — Operation Tests — Using Converter Test Set SD-32330-01 (J33026)
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227-625-501	2	Touch-Tone Calling Signal to Dial Pulse Converters SD-32328-01 — Miscellaneous Tests
227-630-100	1	Type D — Descriptive Information
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227-7 Common Control Equipment — For Touch-Tone Calling and For Controlled Outpulsing

227-700-300	4	Trouble Ticket Analysis and Alarm Procedures
227-704-010	4	Cross-Connection and Record Forms
227-705-500	2	Trouble and Fuse Alarms — Tests
227-706-300	1	Method of Tracing Stuck Originating Register Outpulsing Controller Connections — Common Control — Step-by-Step Systems
227-710-300	1	Register Trunk and Link Circuit SD-32353- 01 — Trouble Locating Procedures Using Maintenance Aid Lamp Panel
227-710-500	8	Register Trunk and Link Circuit — Miscellaneous Tests
227-715-300	1	Originating Registers and Outpulsing Controllers Circuit SD-32351-01 — Trouble Locating Procedures
227-715-500	4	Originating Register, Outpulsing Controllers, and Touch-Tone Calling Signal Converters — Operation Tests — Using Manual Test Set SD-32363-01 (J34727)
227-715-501	4	Originating Registers — Outpulsing Controllers and Touch-Tone Calling Signal Converters — Miscellaneous Tests — Step-by-Step Common Control Offices

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227-715-503	4	Originating Registers, Outpulsing Controllers — Pulsing Tests Using Automatic Test Circuit SD-32365-01 or Manual Test Set SD-32363-01 — Step-by-Step Common Control Offices	227-801-100	1	Index and Explanation of ITT TEL-TOUCH Equipment — Step-by-Step Offices Without Common Control
227-720-501	5	Transfer Connectors-Decoder Connectors — Miscellaneous Tests — Step-by-Step Common Control Offices	227-811-100	1	Maintenance Instructions for K-Type Relays
227-725-500	4	Translators and Decoders — Operation Tests — Using Manual Test Set SD- 32363-01 (J34727)	227-812-100	1	Maintenance Instructions for Pentaconta Relays
227-725-501	6	Translators — Miscellaneous Tests	227-813-100	1	Adjusting Procedures for Quintet Relays — Without Common Control
Addendum	1		227-820-100	1	Maintenance Instructions for Pentaconta Multiswitch
227-725-502	2	Decoders — Miscellaneous Tests	227-831-100	1	Station Simulator — Description — Step- by-Step Offices Without Common Control
227-725-503	3	Translators and Decoders — Operation Tests Using Automatic Test Circuit SD- 32365-01 — Step-by-Step Common Control Offices	227-832-100	1	Lorain* Dial Tone Generator and Transfer Circuit — General Description — Without Common Control
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227-760-500	3	Automatic Test Circuit SD-32365-01 (J38929) — Tests			
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227-762-500	2	Trouble Ticketer Circuit, SD-32364-01 — Tests			
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230-2 Satellite Communication Networks

230-210 CLEARLINK®

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■ 230-210-101	1	CLEARLINK CNCS Reference
■ 230-210-102	1	CLEARLINK CNCS Administrators
■ 230-210-105	1	VSAT Commissioning and Support Procedures
■ 230-210-106	1	VSAT Field Service Manual
■ 230-210-107	1	C-Band VSAT Field Service
■ 230-210-108	1	Troubleshooting Guide
■ 230-210-109	1	CLEARLINK System 200/400 Field Service Manual
■ 230-210-110	1	CLEARLINK IP Router Technical Reference Manual
■ 230-210-111	1	CLEARLINK Voice Link Module Installation/Operation Manual
■ 230-210-111AC	1	CLEARLINK NSD - SKYNET Voice Network — Installation and Operations Guide (7-94)
■ 230-210-112	1	CLEARLINK HUB Hardware Operation Maintenance
■ 230-210-113	1	Antennas and Mounts, Descriptions and Installation

Division 231**1 and 1A ESS™ Switches**

- 231-0 Indexes, System Documentation (2-Wire 1 and 1A ESS™ Switches), Equipment Test Lists, and Documents Applicable to Both 1 and 1A ESS Switches**
- 000 Indexes and System Documentation
 - 001 Equipment Test Lists and Documents Applicable to Both 1 and 1A ESS Switches
 - 030 Common Equipment — 2-Wire 1 and 1A ESS Switches
 - 045 Common Software — 2-Wire 1 and 1A ESS Switches
 - 050 Task Oriented Practices — Common to 2-Wire 1 and 1A ESS Switches
 - 060 Network Switching Engineering (em 2-Wire 1 and 1A ESS Switches
 - 061 Network Switching Engineering (em 2-Wire 1 ESS Switch
 - 062 Network Switching Engineering (\m 2-Wire and 1A ESS Switches
 - 070 Network Administration — 2-Wire 1 and 1A ESS Switches
 - 080 Network Maintenance — 2-Wire 1 and 1A ESS Switches
 - 099 Customer Information Releases (CIRs)
- 231-1 2-Wire — 1 ESS Switch**
- 100 System Equipment and Operation
 - 160 Task Oriented Practices — 2-Wire 1 ESS Switch
 - 190 Feature Documents and User's Manuals — 2-Wire 1 ESS Switch
- 231-2 MTSO (Mobile Telephone Switching Office) — 1A ESS Switch**
- 200 Overall AUTOPLEX® System 100 Descriptions
 - 210 MTSO Software Descriptions — 1A ESS Switch
 - 250 MTSO Maintenance — 1A ESS Switch
 - 290 MTSO Feature Documents — 1A ESS Switch
- 231-3 2-Wire — 1A Switch**
- 300 Equipment — 1A ESS Switch
 - 310 Software — 1A ESS Switch
 - 360 Detail Maintenance — 1A ESS Switch

-390 Feature Documents and User's Manuals — 1A ESS Switch**231-4 4-Wire — 1 ESS Switch****-400 Equipment — 4-Wire 1 ESS Switch**

Number	Issue	Subject
231-0	Indexes, System Documentation (2-Wire 1 and 1A ESS™ Switches), Equipment Test Lists, and Documents Applicable to Both 1 and 1A ESS Switches	

231-000 Indexes and System Documentation

231-000-000	93	Numerical Index — Division 231 — 1 and 1A ESS™ Switches (5-95)
231-000-001	4	Alphabetical Index of 231 Division Section Titles
231-000-010	2	System Documentation — Description and Organization

231-001/029 Equipment Test Lists and Documents Applicable to Both 1 and 1A ESS Switches

231-001-004	1	Network Switching Performance Measurement Plan — Integrity Review — Network Switched Services — 1/1A ESS Switches
231-001-005	4	Network Switching Performance Measurement Plan — Network Switched Services
231-001-010	2	Controlled Maintenance Plan — 2-Wire
231-001-011	8	2-Wire Switch System — 1 ESS™ Switch
231-001-012	13	4-Wire Switch System — 1 ESS Switch
231-001-013	14	2-Wire Switch Alarms — 1 ESS Switch
231-001-014	10	4-Wire Alarms — 1 ESS Equipment
231-001-017	4	System Evaluation — 1A ESS Switch
231-001-018	3	1A Processor — 1A ESS Switch
231-001-019	4	Switch Network — 1/1A ESS Switches
231-001-020	1	Administrative and Technical Operational Review — Central Office Maintenance
231-001-021	4	Special Application Equipment — 1/1A ESS Switches

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231-001-022	4	Service Circuits — 1/1A ESS Switches	Addendum	1	
231-001-023	4	Trunks — 1/1A ESS Switches	231-009-101	3	Duplication and Bus System — Description
● 231-001-030	1	Portable Maintenance Equipment — Cords, Tools, and Material	231-009-801	2	2598 Bus Transformer Replacement Procedures for the Peripheral Unit Address Bus — 2-Wire
231-001-045	1	Software Maintenance — 1 ESS Switch	Addendum	1	
Addendum	1		231-010-301	9	Procedures for Strapping Ferrod Sensors
231-001-101	1	Central Control — Description	231-010-305	1	Analyzing and Locating Troubles (Shorted Ferrods) in Scanners Using Ferrods Type 1, 2, 3, 4, or 5
■ Addendum	4		231-010-801	2	Ferrod Sensors Replacement Procedures
■ 231-001-102	3	Central Control — Program Instructions	231-011-101	1	Program Organization — Description
Addendum	2		■ 231-011-102	1	Maintenance Program Organization — Description
231-001-301	6	779A Tool 25-Bit Plug-In Matcher — Method of Operation and Tests	231-016-301	9	Checking and Resetting System Clock
Addendum	1		231-017-301	4	Dial Tone Delay Alarm Operation
231-001-305	2	Analyzing and Locating Trouble in the Central Control	231-019-101	5	General Growth Description
231-003-501	6	Teletypewriter Facility — Loop Tests	231-025-101	3	32K Call Store — Description
231-004-101	2	Memory Card Writer — Description	231-025-305	4	Analyzing and Locating Trouble in the 32K Call
231-004-510	1	Memory Card Writer — Tests, Adjustments, and Trouble Clearing	231-026-101	2	Administrative Data Link Facility — Description
Addendum	1				
231-004-801	8	1A Card Writing Unit — Piece-Part Data and Replacement Procedures	231-030/044 Common Equipment — 2-Wire 1 and 1A ESS Switches		
231-004-802	5	1A Card Loader — Piece-Part Data and Replacement Procedures	Addendum	2	
231-005-101	2	Program Store — Description	231-030-000	1	Central Pulse Distributor — Description
Addendum	1		Addendum	1	
231-005-305	2	Analyzing and Locating Trouble in the Program Store	231-030-010	1	Scanners — Description and Theory 1 and 1A ESS Switches
231-005-801	2	Program Store Memory Module Replacement Procedures	Addendum	1	
231-006-101	2	8K Call Store — Description	231-030-030	1	Signal Distributor — Description and Theory
231-006-305	2	Analyzing and Locating Trouble in the 8K Call Store	231-031-000	2	Ferreed Switching Network — Description
Addendum	1		Addendum	2	
231-007-305	2	Analyzing and Locating Trouble in Signal Distributors — 2-Wire and 4-Wire	231-031-004	1	Junctor Frame and Junctor Grouping Frame Description — With HILO 4-Wire Feature
			231-031-010	3	Remreed Switching Network — Description

Number	Issue	Subject
Addendum	1	
231-032-000	1	Remote Office Test Line (ROTL) — Description
231-032-005	3	Trunk and Service Circuit Testing Capabilities
231-032-010	3	Trunk and Line Test Panel, Supplementary Trunk Test Panel, and Auxiliary Test Frame — Description
231-032-020	3	Manual Trunk Test Position and Auxiliary Manual Test Circuit — Description
231-032-025	2	Remote Trunk Test Unit — Description
231-032-400	1	Trunk and Line Test Panel Supplementary Trunk Test Panel and Manual Trunk Test Position — Telephone Sets 623A3, 1623A3, 2623A3, and 3756A — Piece-Part Data, Maintenance and Connections
231-033-000	1	Universal Trunk Circuits and Frame — Description/ Theory
231-034-000	3	Miniaturized Universal Trunk Frame — Description and Theory
231-034-010	3	Combined Miscellaneous Trunk Frame — Description and Theory
231-034-020	3	HILO Universal Trunk Circuits and Frame — Description
231-034-025	3	HILO Miscellaneous Trunk Frame (HILO Incoming Step-by-Step Trunks) — Description
231-035-000	1	Office Alarm System — Description/Theory
231-035-010	2	Power Distribution System — Description and Theory
231-036-000	1	Miscellaneous Frames — Description
231-037-000	2	Centrex Data Loop and Console Control — Description/Theory
231-037-020	3	Peripheral Unit Controller — Digital Carrier Trunk and Data Link — Description and Maintenance Considerations
231-037-021	2	Digital Carrier Trunk Interface — Description and Maintenance Considerations
231-037-022	2	No. 10A Remote Switching System Interface Description and Maintenance Considerations

Number	Issue	Subject
231-037-023	2	Electronic Tandem Switching — Interface Description and Maintenance Considerations
231-037-025	1	Peripheral Unit Controller (PUC) Data Link (DL) — Common Channel Interoffice Signaling (CCIS) — Description and Maintenance Considerations — Generic 1E7/1AE7 and Later — 2- and 4-Wire
231-038-010	2	2400 Data Link — Common Channel Interoffice Signaling — Description and Maintenance Considerations — (1E7/1AE7 and Later Generics)

231-045/049 Common Software — 2-Wire 1 and 1A ESS Switches

Software Descriptions

■	231-045-000	3	Introduction
■	231-045-005	2	Software System Introduction
■	231-045-100	1	Operational Software Control Structure
■	231-045-102	1	Supervision Modernization
■	231-045-105	1	Call Processing — POTS
■	231-045-106	1	Call Processing-Centrex
■	231-045-110	2	Scanning
■	231-045-115	1	Outpulsing
■	231-045-120	1	Peripheral Control
■	231-045-125	2	Operator Functions
■	Addendum	1	
■	231-045-130	1	Coin Functions
■	231-045-135	2	Charging
■	231-045-140	1	Special Line Service
■	231-045-145	1	Translations
■	231-045-150	2	Recent Changes
■	231-045-155	1	Queue and General Purpose
■	231-045-160	1	Toll/Tandem Switching
■	231-045-165	1	Measurement
	231-045-170	3	Network Management Software Subsystem Description (7-92)
■	231-045-175	1	Centrex Data Link Features
■	231-045-180	1	Business Communication Services
■	231-045-200	1	Maintenance Control
■	231-045-215	2	Audits — Software Description (5-92)

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■ 231-045-220	1	Peripheral Diagnostic and Exercise	231-048-302	2	Recent Change Message Program Listings, System Acknowledgments, RC18, RC16, RC29, and RC Failure Output Messages — Description (1E6/1AE6 and 1E7/1AE7 Generic Programs)
■ 231-045-225	1	Centrex and AIOD Diagnostic and Exercise Programs	■ Addendum	1	
■ 231-045-230	2	Trunk and Service Circuit Maintenance	■ 231-048-303	6	CCIS, CFTRK, TG, TGBVT, TGMEM, TKCONV, and TRK — Trunk Translation Recent Change Formats (1E6/1AE6 Through 1E8B.05/1AE8A.04 Generic Programs)
■ 231-045-235	2	Trunk and Line Test	■ Addendum	1	
■ 231-045-245	1	System Performance	231-048-304	6	ARS, CCOL, CHRGX, DIGTRN, DITABS, DNHT, IDDD, IWSA, NOCNOG, NOGRAC, RATPAT, RI, RLST, TDXD, and TNDM, Rate and Route Recent Change Formats (1E6/1AE6 Through 1E8A/1AE8A.04 Generic Programs)
■ 231-045-255	1	Growth	231-048-305	5	GENT, PSBLK, PSWD, and SUBTRAN — Recent Change Formats (1E6/1AE6 and 1E8A/1AE8A .04 Generic Programs)
■ 231-045-270	1	Network Maintenance	231-048-306	4	OBS, TOBS, and PLUG — Recent Change Formats (1E6/1AE6 Through 1E8A/1AE8A Generic Programs)
■ 231-045-275	1	Ringling, Tones, and Recorded Announcement Maintenance	Addendum	1	
■ 231-045-405	3	Common Channel Interoffice Signaling	231-048-307	4	CTRF, DIGTRN, NUTS, TNCTX, TRFHC, TRFLCU, and TRFSLB Traffic Measurement Recent Change Formats (1E6/1AE6 Through 1E8A/1AE8A Generic Programs)
■ 231-045-410	1	Digital Carrier Trunk	■ Addendum	4	
■ 231-045-415	1	10A Remote Switching System — Call Processing	■ 231-048-308	4	AC, ACTABL, CUSTCB, DATLNK, DAMBI, DAMSK, DATER, ESCO, ESN, SAC, TCM, and TNESN — Recent Change Formats (1E6/1AE6 and Later Generic Programs) (2-93)
■ 231-045-420	1	10A Remote Switching System Maintenance — 2-Wire 1/1A ESS Switches	■ Addendum	2	
■ 231-045-425	1	Voice Storage System — Interface Software	■ 231-048-309	4	CTXCB, CTXDI, CXDICH, DITABS, DLG, FLXDG, FLXRD, and FLXRS — Centrex-CO/ESSX-1 Recent Change Formats — (1E6/1AE6 Through 1E8/1AE8 Generic Programs)
■ 231-045-430	2	Peripheral Unit Controller			
■ 231-045-435	1	Automatic Call Distributor			
■ 231-045-440	1	Peripheral Unit Controller/Data Link			
■ 231-045-445	1	HILO 4-Wire Operation and Maintenance — 2-Wire 1/1A ESS Switches			
■ 231-045-455	1	Electronic Tandem Switching — Software			
■ 231-045-460	1	E911 Programs			
■ 231-045-490	1	ACMOS Operational Software			
Translation Data and Recent Changes					
■ Addendum	1				
231-048-001	3	Translations — Basic Concepts			
231-048-002	1	Line Translation Data — Description			
231-048-003	1	Trunk Translation Data — Description			
231-048-004	2	Routing and Charging Translations — Description			
231-048-010	1	MSN, CPDN, and Link List — Translation Data Description			
Addendum	1				
231-048-301	4	General Recent Change and Verification Information — Description — (1E6/1AE6 Through 1E8A/1AE8A Generic Programs)			

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■ Addendum	3	
231-048-310	4	ANIDL, BISI, CAMA, CFG, CLAM, CPD, JUNCT, LRE, MSN, NMTGC, PLM, PUC, PUCMB, RCHAN, ROTL, RSP, RSSCB, SCGA, SIMFAC, and TMBCGA — Recent Change Formats (1E6/1AE6 Through 1E8A/1AE8 Generic Programs)
Addendum	1	
231-048-311	3	Translators Not Having Specific Recent Change Messages — Updating Translations — (1E6/1AE6 Through 1E8A/1AE8A Generic Programs)
■ Addendum	2	
■ 231-048-312	6	ACT, CFV, DNR LINE, MLHG, MOVE, MPTY, OB LIST, SIMFAC, TNESN, TWOPTY — Line Recent Change Formats — 1E6/1AE6 Through 1E8B.05/1AE8A.04 Generic Programs
■ 231-048-313	7	ICCB — Recent Change Formats — (1A8A/1AE8A and Later Generic Programs) 1 and 1A ESS Switches (3-95)
231-048-332	1	Adding a Centrex Console, or Nonconsole Data Link — Recent Change Procedures
231-048-333	1	Adding or Removing a Centrex-CO/ESS-1 Customer Overall Procedures (All Generic Programs)
231-048-346	2	Remote Switching System (RSS) — Recent Change Implementation Procedures (1E6/1AE6 and 1E7/1AE7 Generic Programs)
231-048-348	2	Electronic Tandem Switching — Recent Change Implementation Procedures (1A6/1AE6 and 1E7/1AE7 Generic Programs)
■ Addendum	2	
231-048-350	4	Carrier Interconnection — Recent Change Implementation Procedures — (1E8A/1AE8A through 1AE11 Generic Programs)

Growth and Maintenance Considerations

231-049-001	3	1 ESS Switch to 1A ESS Conversion — Description
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Number	Issue	Subject
231-049-301	1	Trunk Cutover Procedures — Utilizing Trunk Cutover Control Program (TCCP) — (1E5, 1AE5 and Later Generic Programs)
231-049-303	1	52A Responder — Drop Build-Out Network Adjustments — Return Loss Measuring Option
Addendum	2	
231-049-305	1	Remote Trunk Test Unit — Growth Procedure
231-049-306	2	Remote Trunk Test Unit — Build-Out Procedure
231-049-310	2	Remote Terminal Maintenance From Host — Description — No. 10A Remote Switching System
231-049-315	2	Junctor Redistribution — Recent Change and Verification
231-049-325	1	Centrex Data Link and Console — Demand Exercise Program — Procedures
231-049-326	1	Centrex Data Line and Attendant Telephone Console — Maintenance Procedures
231-049-327	1	CAMA Operator Position — Exercise (COPE) Procedures
231-049-330	2	Remreed Switches — Line Link Network and Trunk Link Network — Maintenance Considerations
231-049-331	2	Ferreed Switches, Line Link Network and Trunk Link Network — Maintenance Considerations
231-049-335	1	Automatic Identified Outward Dialing — Maintenance Considerations

231-050/059 Task Oriented Practices — Common to 2-Wire 1 and 1A ESS Switches

Addendum	1	
▲231-050-001	1	2-Wire Trunk Transmission Tests Using STTP/TLTP/MTTP — 1/1A ESS Switch
▲231-050-002	2	Signal Distributor and Scanner Miniaturized Trunk Frames
▲231-050-006	2	Trunk Test Panels and Test Lines Operational Tests Lines — Operational Tests (Generics 1E6, 1AE6 and Earlier)
▲231-050-007	2	Manual Trunk Test Position — Operational Tests (Generic 1E7 and 1AE7)

Number	Issue	Subject	Number	Issue	Subject
▲231-050-008	2	Supplementary Trunk Test Panel — Operational Tests (Generics 1E7 and 1AE7)	▲231-055-010	5	Recorded Announcement Frames — (Generic Programs 1E7/1AE7 and Earlier)
Addendum	1		▲231-055-015	2	Miscellaneous Frames
▲231-050-009	2	Trunk and Line Test Panel — Operational Tests (Generic 1E7 and 1AE7)	▲231-055-030	2	Switching Control Center System Interface
▲231-050-010	3	HILO 4-Wire Trunk Transmission Tests Using Manual Trunk Test Position	231-060 Network Switching Engineering — 2-Wire 1 and 1A ESS Switches		
▲231-050-011	3	HILO 4-Wire Trunk and Service Circuit Tests	231-060-100	1	Traffic Order Preparation — General
▲231-050-012	2	HILO Trunk Frames	231-060-110	1	Traffic Order Preparation — Initial Offices
■▲Addendum	3		231-060-210	1	Service Circuits
▲231-050-015	5	Digital Carrier Trunk Frame	231-060-220	1	Trunk Receivers and Transmitters — Network Switching Engineering Service Circuits
▲231-050-021	1	CCIS — Local/Toll Using PUC/DL and 2400 DL	231-060-270	1	Service Circuits — Revision Notes
▲231-050-023	2	Trunk Circuit Tests — (1E5/1AE5 With MTTP Features) — 1E6/1AE6 Generic	231-060-310	2	Line Link Network
■▲231-050-024	3	Service Circuit Tests — (1E5/1AE5 With MTTP Features) — 1E6/1AE6 Generics	Addendum	1	
▲231-050-027	3	Peripheral Unit Controller — Data Link Frame	231-060-320	1	Network Engineering — Trunk Link Networks
■ Addendum	1		Addendum	1	
■▲231-051-001	4	Switching Network Operations and Trouble Clearing Data (TOP document)	231-060-330	1	Junctors and Intraoffice Trunks
▲231-051-002	4	Remreed Frames (Generic 1E6/1AE6 and Earlier)	231-060-340	1	Junctor Assignment Procedure
Addendum	1		231-060-630	1	1 ESS to 1A ESS Conversion Considerations
▲231-051-003	2	Ferreed Frames	231-060-810	2	Poisson Capacity Tables
▲231-051-004	2	Loop Range Extension Frame and LRE Test System (Generic 1E6/1AE6 and Later)	231-060-811	1	Traffic Order Worksheets — Traffic Order Preparation — Initial Offices
▲Addendum	1		231-060-812	1	Engineering Worksheets — Office Characteristics
▲231-051-022	3	Remreed Frames (Generic 1E7/1AE7 and Later)	231-060-820	1	Traffic Order Worksheets — Service Circuits
▲231-052-001	2	Office Alarm Systems	231-060-822	1	Traffic Order Worksheets — Trunk Receivers and Transmitters
Addendum	2		231-060-830	2	Network Engineering — Traffic Order Worksheets — Line Link Network
▲231-053-000	2	Remote Switching System Interface (Maintenance From Host)	231-060-831	1	Network Engineering — Traffic Order Worksheets — Trunk Link Networks
▲231-055-000	2	Lines	231-060-832	1	Traffic Order Worksheets — Junctor and Intraoffice Trunk Determination
▲231-055-004	3	Dynamic Overload Control and Network Management Controls			
Addendum	1				
▲231-055-008	2	Remote Office Test Line			

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231-061 Network Switching Engineering — 2-Wire 1 ESS Switch		
231-061-010	2	General Information — Introduction
231-061-400	2	Central Control and Signal Processor — Processor Capacity Considerations
231-061-410	2	Central Control and Signal Processor — Precutover Capacity Determination
Addendum	1	
231-061-420	3	Central Control and Signal Processor — Post Cutover Capacity Determination
231-061-450	1	Program Store
231-061-460	2	Call Stores
231-061-510	1	Centrex
231-061-605	1	Traffic Measurements
231-061-840	1	Network Design Worksheets — Program Store
231-061-850	1	Network Design Worksheets — Centrex

231-062 Network Switching Engineering — 2-Wire 1A ESS Switch

Central Processor

231-062-010	2	General Information — Introduction
231-062-400	2	Processor Capacity Considerations
231-062-410	2	Precutover Capacity Determination

Processor Community Engineering

231-062-420	2	Postcutover Capacity Determination
Appendix 1	1	Central Control and Signal Processor — Capfit Formulas
231-062-460	2	Program Store Memory
231-062-465	1	Call Store Memory — Duplicated Software
231-062-470	2	Call Store Memory — Unduplicated Software
231-062-473	1	Call Store/Program Store Hardware
231-062-475	2	File Stores
231-062-480	1	Auxiliary Data System

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231-062-842	2	Traffic Order Worksheets — File Stores
231-062-845	1	Traffic Order Worksheets — Call Store/Program Store Hardware

231-070 Network Administration — 2-Wire 1 and 1A ESS Switches

231-070-110	1	System Description
231-070-115	1	Processor Community
231-070-120	1	Call Processing
231-070-150	1	Administration Responsibilities
231-070-155	1	Capacity Management General
231-070-160	3	Method of Procedure — Transition Administration
231-070-190	3	Operational Review
231-070-215	1	Capacity Determination Work Sheets
231-070-240	1	Central Office Replacement — Task Overview and Check List
Addendum	2	
231-070-305	1	Service Circuits Description
Addendum	1	
231-070-320	1	Networks and Junctors — Description
231-070-325	2	Network Transition — Considerations
231-070-326	1	Junctor Transition — Analysis Procedures
231-070-405	1	Memory — General Description
231-070-410	1	Concepts of Translations
231-070-415	1	Translations/Office Records
231-070-425	3	Translations Spare Word Administration
231-070-427	1	Memory Administration
231-070-430	1	Call Store Items
231-070-435	1	Parameters and Call Store Administration
231-070-505	2	Traffic Measurements — General Description
Addendum	1	
231-070-510	3	Quarter-Hour Measurements
Addendum	1	
231-070-515	2	Traffic Measurements — Hourly Schedules
Addendum	2	
231-070-520	2	Traffic Measurements — Daily Schedules

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Addendum	2		231-070-662	1	HILO and 2-Wire Tandem Traffic Measurements
231-070-525	2	Traffic Measurements — Weekly Schedules	231-070-663	1	HILO and 2-Wire Tandem — Division of Revenue Separation Matrix
231-070-527	1	Special Studies Control and Surveillance Procedures	231-070-664	1	HILO and 2-Wire Tandem — Remote Trunk Arrangement (RTA)
231-070-528	1	Special Studies — Subscriber Line Usage Study (SLUS) Implementation	231-070-710	1	Dial Tone Speed Delay
231-070-555	2	Central Office Equipment Reports (COER) — Administrative Guidelines	Addendum	1	
231-070-556	1	Central Office Equipment Reports (COER) — Office Description File Procedure	231-070-715	2	Matching Loss
231-070-557	1	Central Office Equipment Reports (COER) — Exception and Reliability Report Analysis	231-070-720	1	Service Observing
231-070-558	1	Central Office Equipment Reports (COER) — Busy Hour Determination (BHD)	231-070-725	1	Receiver Attachment Delay
231-070-559	1	Central Office Equipment Reports — CAPFIT Real Time Administration	231-070-730	1	Blocked Dial Tone/No. 2 SCCS Work Station
231-070-560	1	Patrol Remote Batch Data Entry	231-070-740	2	Load Balance — Description
231-070-561	1	Remote Switching System Central Office Equipment Reports — Description	231-070-742	1	Signal Distributor — Administrative Responsibilities
231-070-580	1	Busy Hour Determination	231-070-754	1	Network Switching Performance Measurement Plan — Service Monitoring Procedures
231-070-605	2	Line and Number Administration Considerations	231-070-755	2	Service Surveillance
231-070-606	1	Concentrated Range Extension With Gain (CREG)	231-070-756	1	Dial Tone Speed Service Problems — Analysis Procedures
Addendum	1		231-070-757	1	Matching Loss Problem — Analysis Procedures — Network Administration
231-070-620	2	Determination of Line and Number Requirements	231-070-758	1	Ineffective Attempts Problem — Analysis Procedures — Network Administration
231-070-630	2	Centrex and ESSX-1 — General Description	231-070-760	1	Office Overload Procedures
231-070-635	2	Centrex Planning and Cutover	Addendum	1	
231-070-636	1	50B Customer Premises System Translations	231-070-805	2	Line Load Control
231-070-640	1	Wide Area Telecommunications Service	231-070-806	1	Line Service Overload Strategy — Administrative Considerations
231-070-655	1	Enhanced Private Switched Communications Service (EPSCS) — Administrative Procedures	231-070-830	1	Recorded Announcements
231-070-660	1	HILO and 2-Wire Tandem Administration	231-070-850	1	35ASR Teletypewriter
231-070-661	1	HILO and 2-Wire Tandem Translations	231-070-860	1	Master Control Center
			231-070-875	1	DATASPEED® 40 Terminal
			231-070-880	1	Verification of Stored Information
			231-080 Network Maintenance — 2-Wire 1 and 1A ESS Switches		
			Addendum	1	
			231-080-201	1	Parameter Changes — Administrative Responsibilities
			231-080-301	1	Digital Carrier Trunk Frame — Implementation Guidelines

Number Issue Subject

231-090/091 Feature Documents — Common to 2-Wire 1 and 1A ESS Switches

231-090-011	5	Abstracts
■ Addendum	1	
■ 231-090-052	2	Automatic Line Insulation Test
■ 231-090-053	2	Station Ringer and Touch-Tone Test
■ 231-090-054	1	Glare Resolution
231-090-055	3	Attendant Call Through Test on Centrex Trunks
■ Addendum	2	
■ 231-090-056	2	Attendant Camp-On With Indication of Camp-On
■ 231-090-057	2	Attendant Conference
■ 231-090-058	2	Attendant Control of Trunk Group Access
■ 231-090-059	1	Attendant Direct Station Selection With Busy Lamp Field (50A CPS)
■ 231-090-060	2	51A Customer Premise System Attendant Position
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■ 231-090-061	1	Prefixed Access Code Translator
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■ 231-090-062	2	Peripheral Unit Controller/Data Link
■ 231-090-065	3	AUTOVON Interface
■ 231-090-066	2	Auxiliary Line Circuit
■ 231-090-067	2	2400 Data Link
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■ 231-090-070	2	Busy-Verification of Station Lines and Centrex Trunks
■ 231-090-074	6	Call Forwarding Variable Feature (11-94) Mike Auter 708-224-7053
■ 231-090-075	7	Call Forwarding Busy Line and Call Forwarding Don't Answer Feature Document (11-94)
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■ 231-090-080	2	Three-Way Calling

■ 231-090-081	6	Call Waiting Feature Document (3-95)
■ 231-090-082	2	Calls Waiting Lamps
■ 231-090-083	3	Calling Line Identification
231-090-084	3	Carrier Group Alarm and Trunk Make- Busy Key
■ 231-090-085	4	Common Control Switching Arrangement (2-93)
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■ 231-090-092	2	Code Calling
■ 231-090-094	2	Code 103 Test Line
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■ 231-090-095	3	Coin
■ 231-090-097	2	Coinless Public Telephone Service
■ 231-090-098	2	Code 100-Type Test Line
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■ 231-090-100	3	Code 101-Type Test Line
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■ 231-090-103	1	Synchronous Test Line
■ 231-090-104	1	Tandem Test Line
■ 231-090-105	2	Combined Touch-Tone and Dial Pulse Calling on Incoming Tie Trunks
■ 231-090-106	2	Interface With the Recorded Announcement Frame J1A058C
■ Appendix 1	1	Interface With the Recorded Announcement Frame J1A058D
■ Appendix 2	1	Interface With the Recorded Announcement Frame J1A058E Feature Document (1A and 1A ESS Switches)
■ 231-090-107	1	Interface With the Recorder Announcement Frame (J1A058A)
■ 231-090-108	1	Interface With Desks
■ 231-090-112	1	Interface With Switchboards
■ 231-090-114	5	Interface With Traffic Service Position System Feature (12-92)
■ 231-090-115	1	Interface With the Automatic Intercept System (AIS)
■ 231-090-116	2	Station Dial Conference

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■ 231-090-121	1	Sleeve Lead Control	■ 231-090-165	2	Account Codes — Electric Tandem Switching (2-93)
■ 231-090-122	2	Cut-Through to Operator After Local Intercept Announcement	■ 231-090-166	6	Station Message Detail Recording to Customer Premises — Electronic Tandem Switching (11-93)
■ 231-090-123	2	Delay Announcements	■ 231-090-167	2	Basic Queuing for Trunks and Lines
■ 231-090-125	1	Inactive Line	■ 231-090-168	2	Traffic Data to Customer (Pollable) — Electronic Tandem Switching
231-090-135	4	User Dialed Authorization Codes — Electronic Tandem Switching	■ 231-090-169	1	Selective Customer Control of Facilities
■ 231-090-137	1	Automatic Time-Out of Announcements and Tones	■ 231-090-171	1	Centralized Attendant Service
■ 231-090-138	1	Traveling Class Mark (TCM) — Enhanced Private Switched Communication Service (EPSCS) — Electronic Tandem Switching (ETS)	■ Addendum	1	
■ 231-090-142	2	Flexible Route Selection	■ 231-090-173	3	Manual Line Service (2-93)
■ Addendum	2		■ 231-090-177	1	50B Customer Premises System Attendant Position
■ 231-090-143	2	Party Line Service	■ 231-090-178	1	50A CPS Attendant Position
■ 231-090-144	1	Automatic Callback Calling	■ Addendum	1	
■ Addendum	1		■ 231-090-179	2	Series Completion
■ 231-090-145	1	Full ESSX-1	■ Addendum	2	
■ 231-090-146	5	Routing-Selected Transmission Control Feature Document (7/94)	■ 231-090-180	3	Multiline Groups—Hunting and Nonhunting Capabilities
■ 231-090-147	2	Identified Outward Dialing	■ 231-090-186	2	Night Service
■ 231-090-150	1	Incoming Call Identification (ICI)	Addendum	1	
■ 231-090-152	3	Digital Carrier Trunk (3-95)	■ 231-090-188	2	Service Observing Functions
■ Addendum	2		■ 231-090-191	1	Revertive Pulsing Trunks
■ 231-090-153	2	Operation With Remote Switching System	■ 231-090-192	2	Open Switching Interval Protection
■ Addendum	3		■ Addendum	1	
■ 231-090-154	3	Electronic Tandem Switching (2-93)	■ 231-090-195	1	Line Service Overload Strategy
■ 231-090-155	1	Call Forwarding Variable Via Private Facilities (CFPF) and CFPF/Electronic Tandem Switching Compatibility (2-85)	■ 231-090-196	2	Operator Tandem
Addendum	2		■ 231-090-199	2	Loudspeaker Paging
■ 231-090-158	4	1 and 1A ESS Switches Distinctive Ringing/Distinctive Call Waiting Tone Feature Feature Document (12-92)	■ 231-090-200	2	Radio Paging Access
■ 231-090-159	5	International Direct Distance Dialing Features	■ 231-090-205	5	Permanent Signal and Partial Dial Treatment and Permanent Signal Administration
■ Addendum	1		■ 231-090-210	1	Power Failure Transfer — Attendant
■ 231-090-160	2	Deluxe Queuing — Electronic Tandem Switching	■ 231-090-211	1	Interface With MJ and MK Mobiles Radio Telephone System
			■ 231-090-217	2	Recorded Telephone Dictation

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■ 231-090-229	2	Simulated Facilities Feature — 2-Wire	■ 231-090-305	1	Network Management
■ 231-090-234	2	Toll Operator Signaling and Compatibility With TSPS Residual Traffic (TORT)	■ 231-090-308	2	Interface With Pair Gain Systems
■ Addendum	1		■ 231-090-309	1	Receiver Attachment Delay Report (RADR)
■ 231-090-253	3	Through Dialing	■ Addendum	1	
■ Addendum	2		■ 231-090-312	3	Remote Call Forwarding
■ 231-090-254	1	Tandem Tie Trunk Service (Non-senderized)	■ 231-090-316	1	Through Balance Test Facilities — 1 ESS Switch
■ Addendum	1		■ 231-090-321	2	Toll Diversion to Attendant
■ 231-090-256	1	Tie Trunk and Foreign Exchange Service	■ 231-090-334	2	Automatic Call Distribution — Phase 1
■ 231-090-260	2	Trunk Answer From Any Station	■ 231-090-336	1	ACD Multiline Group Hunt — 2-Wire
■ 231-090-262	1	Trunk Group Busy Lamp (TGBL)	■ 231-090-338	3	Tones and Announcements to ACD Agents
■ 231-090-269	1	Basic ACD Service	■ Addendum	1	
■ 231-090-273	2	Outward Wide Area Telecommunications Service	■ 231-090-339	3	ACD Queuing and Call Distribution to Agents (2-93)
■ 231-090-274	1	800 Service — Originating Screening Office	■ Addendum	2	
■ 231-090-275	3	800 Service — Terminating End Office (11-94)	■ 231-090-340	2	Selected Traffic to Customer
■ Addendum	1		■ 231-090-342	2	Code 104-Type Test Line (104 TL)
■ 231-090-276	1	Busy/Idle Status Indicator	■ 231-090-344	2	Directory Assistance Charging
■ Addendum	1		■ 231-090-345	1	Fast Repeat of Answer Supervision
■ 231-090-278	1	Centralized Automatic Message Accounting (CAMA)	■ Addendum	1	
■ Addendum	1		■ 231-090-346	1	Division of Revenue Measurements — (1E8/1AE8 Generic Program and Later)
■ 231-090-280	1	Hotel/Motel Service	■ Addendum	2	
■ 231-090-285	1	Hospital Service	■ 231-090-350	2	Division of Revenue Peg Counts
■ Addendum	1		■ 231-090-351	1	Customer Controlled Station Restriction (CCSR)
■ 231-090-287	2	Universal Emergency Service Number 911 — Basic 911 Service	■ 231-090-356	2	Coin Line Activity Monitoring
■ 231-090-288	5	Universal Emergency Service Number 911 — Enhanced 911 Service Feature Document	■ 231-090-359	1	Semirestricted Centrex Station Class
■ 231-090-291	2	Customer Dialed Account Recording	■ Addendum	1	
■ Addendum	2		■ 231-090-366	3	HILO 4-Wire Switching
■ 231-090-292	2	Call Forwarding Usage Sensitive	■ Addendum	2	
■ 231-090-294	1	Combined Operator Office Trunk	■ 231-090-370	3	Dial Call Waiting
■ 231-090-300	1	Flexible Incoming Call Restriction (FICR)	■ 231-090-371	2	Directed Call Pickup — Nonbarged-In
■ 231-090-304	1	Multiple Position Hunt	■ 231-090-372	1	2-Wire Toll/Tandem Operation
			■ 231-090-399	2	Automatic Call Distribution — Phase 2 Description
			■ 231-090-400	1	Single Digit Dialing

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■ 231-090-401	6	Speed Calling Feature (11-94)
■ Addendum	1	
■ 231-090-402	1	Station Message Register Service
■ Addendum	1	
■ 231-090-403	1	Directed Call Pickup With Barge-In
■ 231-090-404	3	Echo Suppressor Measuring System (ESMS) — Feature Document (3-94)
■ Addendum	1	
■ 231-090-408	2	Outgoing Trunk Queueing (Phase 1)
■ 231-090-409	1	Multifrequency Signaling on Bylink Trunks
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■ 231-090-410	1	Incoming Trunk Service Observing
■ 231-090-411	1	Interface With Common Systems — Recorded Announcement Frame
■ Addendum	1	
■ 231-090-412	3	Basic Data Link Input/Output Control
■ 231-090-413	2	Interface With ACD-ESS Management — Information System
■ 231-090-415	1	ACD Phase 2 Agent Log-In
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■ 231-090-416	2	Common Channel Interoffice Signaling — Local and Toll
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■ Addendum	1	
■ 231-090-417	1	Message Detail Recording on Tie Trunks
■ 231-090-418	1	ACD Interface With 12A Customer Information System
■ 231-090-419	1	Interface With Property Management System

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■ 231-090-421	1	Interface With Coordinator Cathode-Ray Tube Terminal Feature — Automatic Call Distribution — Phase II
■ 231-090-422	1	Interface With 60A Customer Premises System — Automatic Call Distribution — Phase 1
■ 231-090-423	1	Interface With 60B Customer Premises System — Automatic Call Distribution — Phase 2
■ 231-090-424	1	Interface With 90A Customer Premises System — Automatic Call Distribution — Phase I
■ 231-090-425	7	1/1AESS Feature Handbook (12-93)

231-099 Customer Information Releases (CIRs)

231-099-001TD	1	Selected Traffic Data to Customer (CTRF) Enrichment Feature, Switching Systems
231-099-002TD	1	Centrex Flexible Route Selection (FRS) Improvements, Switching Systems
231-099-003TD	1	Centrex 2-Digit Individual Speed Calling, Switching Systems
■ 231-099-004TD	1	INWATS AMA On DID Trunks, Switching Systems
231-099-005TD	1	Attendant Call-Through Test Capability (Remote Test Verification System), Switching Systems
231-099-006TD	1	Simplified Message Desk Interface, Switching Systems
231-099-007TD	1	Electronic Tandem Switch Billing Improvements, Switching Systems
231-099-008TD	1	Circuit Switched Digital Capability (CSDC), Switching Systems
231-099-009IR	1	1A E8 Issue 8A CCW and Usage Sensitive 3-Way Calling (USTWC) Features Ordering and Billing Classification, Switching Systems
231-099-010NP	1	Periodic Partial Update Process and Forthcoming Custom Features for 1A ESS Switching Equipment Systems, Switching Systems

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231-099-011NP	4	1A ESS Switching Equipment Generic Program 1AE9 - New Features and Enrichments, Switching Systems	231-099-027IR	3	Interface Information (Protocol) — Local Area Signaling Services for the 1A ESS Switch, 1AE9 Generic Program, Switching Systems (9-93)
231-099-012PS	1	Updated Keyboard Display for 1A ESS Switches, Switching Systems	231-099-028IR	1	New AMA Capabilities — 1A ESS Switch, Switching Systems
231-099-013IR	2	1E/1A ESS Switch Translation Growth Process, Switching Systems	231-099-029TD	1	1A ESS Input/Output Asynchronous Protocol Specifications, Switching Systems
231-099-014NP	1	Periodic Partial Update for 1AE8 Issue 8A.03 & Forthcoming Custom Features for 1A ESS Switch Systems, Switching Systems	231-099-030NP	1	1A ESS Switch Generic 1AE8 Issue 8A.06 Availability, Switching Systems
231-099-015TD	1	Home Intercom 1A ESS Switch Custom Feature, Switching Systems	231-099-031TD	1	Interface Specification for Long-Haul Modems for Use in Centrex Data Facility Pooling, Switching Systems
231-099-016TD	1	Immediate AMA Dump Capability 1A ESS Switch Custom Feature, Switching Systems	231-099-032IR	2	Interface Information (Protocol) Pay Per View (STAR 85), Switching Systems
231-099-017TD	1	Centrex Improved Recent Change Line Entry (CLE) 1A ESS Switch Custom Feature Offering, Switching Systems	231-099-033IR	1	Signal Reception and Rejection Limitations for ESS Switches, Switching Systems
231-099-018IR	1	Centrex Data Facility Pooling, Switching Systems	231-099-034NP	3	1A ESS Switch 1AE10/CCST Generic Program New Features and Enrichments, Switching Systems
231-099-019NP	1	Network Management Reroutes with 1/1A ESS Carrier Interconnect, Switching Systems	231-099-035ML	1	1A ESS Switch ETS Business Custom Features, Switching Systems
231-099-020IR	1	Generic Program Software Support Policy 1/1A ESS Switching Systems	231-099-036PS	2	E911 Automatic Location Identification/Data Management System, Switching Systems
231-099-021TD	1	Equal Access Considerations for HILO Offices, Switching Systems	231-099-037PS	2	ALI/MUX (Automatic Location Identification/Multiplexer), Switching Systems
231-099-022TD	4	Message Service System Interface Specifications, Switching Systems	231-099-038PS	3	E911 ANI (Automatic Number Identification) Controller and Display Unit, Switching Systems
231-099-023TD	2	Simplex Voiceband Digital Interface Specification, Switching Systems	231-099-039ML	1	1A ESS Switch Home Intercom/Single Line Variety Package Custom Features, Switching Systems
231-099-024TD	1	Centrex Data Facility Pooling Interface Specifications, Switching Systems	231-099-040IR	1	New AMA Formats for the Remote Access and Centrex Station Rearrangements Feature — 1A ESS Switch, Switching Systems
231-099-025TD	1	1A ESS Switch Associated Common Channel Signaling, Switching Systems	231-099-041IR	3	New AMA Structure Codes for LASS — 1A ESS Switch, Switching Systems.
231-099-026NP	1	1A ESS Switch Generic 1AE8 Issue 8A.05 Availability, Switching Systems			

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231-099-042IR	3	New AMA Function Codes for LASS — 1A ESS Switch, Switching Systems.	231-1 2-Wire — 1 ESS™ Switch		
231-099-043ML	1	1A ESS Switch Remote Access to Call Forwarding Feature, Switching Systems.	231-100/159 System Equipment and Operation		
231-099-044MA	1	E911 ANI (Automatic Numbering Identification) Controller Circuit Pack Upgrade, Switching Systems	Addendum	1	
231-099-045IR	1	AMA Formats for the Service Switching Points Feature — 1A ESS Switch, Switching Systems	231-100-101	2	Signal Processor — Description of System Operation
231-099-046NP	1	Periodic Update Process for 1A ESS Switch APS Software, Switching Systems	■ Addendum	1	
231-099-048IR	1	AMA Formatting Change for the 1A Switch, Switching Systems	■ 231-100-102	2	Signal Processor — Program Instructions
231-099-049MG	1	Deterioration of Voice Grade Ferreed Contacts in 242-Type Network Switches, Switching Systems	231-100-311	3	Cutover Procedures (Pident SACT) — (CTX-6 and Later Generic Programs)
231-099-050MG	1	CALL-STALKER® E911 System — Direct Trunking Compatibility Alert, Switching Systems	231-102-101	1	Junctor, Trunk, and Service Circuits — Description
231-099-051IR	1	AMA-LDC (Long Duration Call) — 1A ESS Switch, Switching Systems	231-103-101	2	Call Processing — Description
231-099-052TD	1	Output Specification Document from the APS (Attached Processor System) for the SBVA Feature — 1A Switch, Switching Systems	Addendum	1	
231-099-053NP	1	1A ESS Switch 1AE11 Generic Program — New Features and Enrichments, Switching Systems	231-104-301	7	Updating Program Store Translation Information
231-099-055IR	1	Discontinued Availability of the 1 ESS Switch, Switching Systems	Addendum	1	
■ 231-099-056IR	7	1A ESS Switch Automatic Message Accounting (AMA) Formatting Changes (10-94)	231-104-302	8	Single Card Writing Procedures (Generic Program Overwrites)
231-099-057NP	1	1A ESS Switch 1AE12 Generic Program — New Features	231-104-305	2	Monitoring Recent Change Area — Customer Originated Recent Change (CORC)
■ 231-099-058TD	1	1A ESS Switch Advanced Services Interface (ASI) Proxy Feature Interface Specifications (11-94)	231-105-301	4	General Maintenance Procedures
			231-105-302	4	Procedures for Taking Equipment Out of Service, Removing and Restoring Equipment to Service — 2-Wire
			231-105-305	1	Clock Speedup — Descriptions and Procedures
			231-106-301	3	Method of Handling Complaints and Requests — AMA Charge Irregularities
			231-107-301	3	Trunk Error Analysis Tables and Trunk Error Message
			231-109-101	2	Maintenance Interrupt Description
			■ Addendum	2	
			■ 231-109-302	1	Analyzing Maintenance Interrupts and Trouble Locating Procedures — Generic 1E4 Through 1E6
			■ 231-110-301	6	Call Tracing and Calling Line Identification Procedures
			■ Addendum	2	
			231-111-101	2	786A Tool — Buffer Bus — Data Insert Keys — Description

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231-111-105	1	System Recovery — Description	■ 231-119-324	5	Ferreed and Remreed Trunk Link Network — Growth Procedures
■ Addendum	2		■ 231-119-325	4	Junctor Frame (Home or Mate) — Growth Procedures
■ 231-112-304	2	Analyzing Audit Output Messages	■ 231-119-326	2	Miscellaneous Trunk Frame — Equipped With a Teletypewriter Transmitter- Receiver — Growth Procedures — (CTX-6 Through CTX-8 Issue 3 Generic Programs)
231-114-501	4	Emergency Manual Line Circuit — SD- 1A156-01 and SD- 1A243-01 — Tests	■ 231-119-328	4	Supplementary Trunk Test Frame and Auxiliary Test Frame — Growth Procedures
231-115-501	11	Attendant Interface Frame, Auxiliary Manual Test Circuit, Processor Interface Frame, and Peripheral Data — Storage Processor Frames — Office Alarm Tests	■ Addendum	1	
■ Addendum	2		■ 231-119-329	2	Centrex Data Link Frame and Centrex Data Link Unit — Growth Procedures
■ 231-117-301	3	Off-Line Operations	■ 231-119-330	2	Central Control to Signal Processor — Conversion Procedures (CTX-6 and Later Generic Programs)
231-118-319	1	Locating, Analyzing, and Correcting Link List Troubles — All Generic Programs	■ 231-119-331	2	Miscellaneous Trunk Frame With Step-by- Step Incoming Trunks Growth Procedures (CTX-6 Through CTX-8 Issue 3 Generic Programs)
231-118-339	2	Automatic Call Distribution (ACD) Phase 2 Recent Change Procedures — 1E4 Through 1E6 Generic Programs	■ Addendum	2	
Addendum	1		■ 231-119-332	1	Miscellaneous Trunk Frame Equipped With Automatic Identified Outward Dialing — Interface Circuit and Automatic Number Identification Connecting Unit — Growth Procedure (CTX-6 Through CTX- 8 Issue 3 Generic Programs)
231-118-340	2	Overall Procedures for Implementing Automatic Call Distribution (ACD) Phase 1 — Generic CTX-8, Issue 3, and 1E4	■ 231-119-335	1	Attendant Interface Frame — Growth Procedures (CTX-8 Generic Program)
231-118-342	1	Recent Change Procedures for Expanded 911 (E911) Service — 1E5 Generic Program	■ 231-119-341	4	Master Scanner — Growth Procedures
231-118-343	3	Enhanced Private Switched Communications Service (EPSCS II) — Recent Change Implementation Procedures — (1E6 and 1E7 Generic Programs)	■ Addendum	2	
231-119-320	5	Procedures for Building or Deleting Head Tables, Data Tables, Subtranslators, Auxiliary Blocks, and Unit Type Translators (Through 1E8A Generic Programs)	■ 231-119-342	3	8K Call Store Central Control or Signal Processor Growth Procedures
■ 231-119-321	5	2:1 Ferreed and Remreed Line Link Network — Growth Procedures	■ 231-119-343	3	Program Store — Growth Procedures
■ 231-119-322	4	Universal Trunk, Miniaturized Universal Trunk, and HILO Universal Trunk Frames (Home and Mate) — Growth Procedures	■ 231-119-344	3	Central Pulse Distributor — Growth Procedures — (CTX-6 Through CTX-8 Issue 3 Generic Programs)
■ 231-119-323	5	4:1 Ferreed and Remreed Line Link Network — Growth Procedures			

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■ 231-119-345	4	Miscellaneous Trunk Frame and Miscellaneous Trunk Frame Signal Distributor (MTF/SSD, Combined MTF/SSD, or HILO MTF/SSD) — Growth Procedures	231-144-151	2	Enhanced Private Switched Communications Service — PDSP Software — Description
■ 231-119-346	3	Power Distributing, Recorded Announcement, Common Systems Recorded Announcement, Control and Distribution, Miscellaneous, Miscellaneous Power, Miscellaneous Trunk, Protector, Distributing, and Junctor Grouping Growth Frames (CTX-6 and Later Generic Programs)	231-144-152	2	Peripheral Data Storage Processor — Traffic Measurement Software — Description
Addendum	2		231-144-301	2	System Initialization and Recovery Procedure — Peripheral Data Storage Processor (PDSP)
■ 231-119-347	4	32K Call Store — Growth Procedures	231-144-303	2	Data Base Reallocation Procedure — Peripheral Data Storage Processor
■ 231-119-351	3	Manual Trunk Test Frame and Auxiliary Manual Test Frame Growth Procedures — (1E4 and Later Generic Programs)	231-144-304	2	Updating Generic Program — Peripheral Data Storage Processor (PDSP)
231-120-302	5	Plant Measurement Procedures	231-144-305	1	Tape Data Facility — Operating Procedures — Peripheral Data Storage Processor
231-121-301	4	Dial Tone Speed Test Procedures	231-144-306	1	System Growth Procedure — Enhanced Private Switched Communications Service (EPSCS) and E911 Peripheral Data Storage Processor (PDSP)
231-125-301	8	Master Control Center — Alarm, Display, and Control Panel — Method of Operation	231-144-307	2	Peripheral Data Storage Processor — Processor Interface Unit — Software Description and Maintenance Procedures
231-125-310	2	Displaying Scanner Row on Program Display Lamps of Master Control Center	231-144-308	2	PDSP Universal Data Link Controller and Data Link Interface — Software Description and Diagnostic Procedures
Addendum	2		231-144-310	1	Peripheral Data Storage Processor — Maintenance Procedures
231-130-301	8	Trunk and Line Test Panel, Supplementary Trunk Test Panel, and Auxiliary Test Frame — Method of Operation (Through 1E5 Generic Program)	231-144-311	2	Traffic Measurements for Peripheral Data Storage Processor
231-140-101	3	Teletypewriter Facility — Description	231-144-350	3	Recent Change and Data Base Generation Procedures for Enhanced Private Switched Communication Service — Peripheral Data Storage Processor
231-140-301	6	Teletypewriter Operating Procedures	231-144-360	2	Recent Change Procedure and Data Base Generation for E911 — Peripheral Data Storage Processor (PDSP)
231-144-000	1	Peripheral Data Storage Processor (PDSP) — Description	● 231-144-401	1	3B20D Data Switch — General Description — Enhanced Private Switched Communication Service
231-144-005	2	Processor Interface Frame — Description — Peripheral Data Storage Processor	● 231-144-402	1	3B20D Data Switch — Engineering Parameters — Enhanced Private Switched Communication Service
231-144-150	2	Enhanced Private Switched Communications Service — Peripheral Data Storage Processor — Data Base Description			

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① 231-144-403	1	3B20D Data Switch — Software Description — Enhanced Private Switched Communication Service
① 231-144-404	1	3B20D Data Switch — Traffic Measurements — Enhanced Private Switched Communication Service
① 231-144-405	1	3B20D Data Switch — Initialization and Recovery — Enhanced Private Switched Communication Service
① 231-144-406	1	3B20D Data Switch — Maintenance Procedures — Enhanced Private Switched Communication Application
① 231-144-407	1	3B20D Computer Data Switch — Data Base and Recent Change Verify Description — Enhanced Private Switched Communication Service
231-147-301	6	Auxiliary Test Programs — Common Procedures
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231-148-301	4	Bus System Test Procedures
231-148-303	4	Live Office Network Fabric Program — Procedures
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231-148-304	1	Scanner Test Procedures
231-148-305	2	Universal Controller Test Procedures
231-148-306	1	Junctor Test Program — Procedures
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231-149-301	3	Administrative Data Link Facility — Transmit and Receive Procedures
231-150-301	4	AMA or AMATPS Data Retrieval and Insertion Procedures
231-151-301	5	Data Mapping Procedures
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231-151-302	5	Translations Structure Check Program Procedures
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231-151-303	3	Parameter/Translation Verification Program — Procedures
231-151-304	3	Translations Search Program — Procedures
231-151-305	4	Translation Data Check Program — Procedures

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231-152-301	5	Automatic Board-to-Board Testing Procedures
231-153-301	4	Program Store Copy, Compare, and Dump Procedures and Call Store Dump Procedure
231-160/189 Task Oriented Practices — 2-Wire 1 ESS Switch		
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▲231-162-000	1	Program Store Frames — (2-Wire and 4-Wire)
▲231-162-001	2	8K Call Store Frames — (Generic 1E4 Through 1E6)
▲231-162-005	1	Central Control (2-Wire and 4-Wire)
▲231-163-000	2	Memory Card Writer/Memory Card Loader — Operational Tests
▲231-163-002	3	Trunk and Service Circuits — Translations (Through Generic 1E8A)
▲231-164-000	2	System Recovery
■ Addendum	1	
▲231-164-005	2	System Evaluation
■▲231-164-010	3	Generic Program, Parameter and Translations System Updates (TOP document)
▲231-165-001	1	Signal Processor
■ Addendum	1	
▲231-165-005	1	32K Call Store Frames — 1 ESS Switch — (Generic 1E6 and Earlier)
▲231-167-001	3	Centrex — CO/ESSX-1-Translations-Basic (Generic 1E4 — 1E7)
▲231-167-002	3	PBX — Translations (Through Generic 1E8A)
▲231-167-003	2	Automatic Call Distribution — Translations (Generic 1E4 Through 1E7)
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▲231-167-004	3	Routing and Charging — Translations (Through Generic 1E8A)
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▲231-167-015	1	Electronic Tandem Switching (Generic 1E6)

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▲231-168-000	1	Master Control Center — 1 ESS Switch	■ Addendum	1	
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❶ 232-060-450	4	Control Equipment—Program Store/Main Store
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❶ 232-060-840	4	Traffic Order Worksheets—Program Store/Main Store
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▲ 232-090-001	1	Office Acceptance Tasks — 2B ESS Switch	232-099-008NP	1	2B ESS Switch PPU Issue 1.06 for 2BE4 Generic Program, Switching Systems
▲ 232-090-004	3	Tape Handling and Maintenance Center Tasks — 2B ESS Switch	232-099-009NP	1	2B ESS Switch 2BE4 1.07 Periodic Partial Updates, Switch- ing System
▲ 232-090-005	1	Evaluation and Processor Tasks — 2B ESS Switch	232-099-010IR	1	2B ESS Switch 2BE4 1.08 Periodic Partial Updates, Switch- ing System
▲ 232-090-006	1	Evaluation and Processor Tasks — 2 ESS Switch	232-099-011NP	1	2B ESS Switch 2BE5 Generic Program Feature and Enhance- ments
▲ 232-090-007	1	Maintenance Center Tasks — 2 ESS Switch	232-099-022NP	1	2B ESS Switch 2BE5 Generic Program — Feature and Enhancements (8-93)
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▲ 232-090-011	1	Trunk Operational Tasks	Addendum	1	
▲ 232-090-012	1	Trunk Transmission Tasks	232-101-101	2	Switching Network — Description — 2 ESS Switch
▲ 232-090-013	1	Service Circuit Tasks	Addendum	2	
▲ 232-090-016	1	Trunk Test Panel	232-101-102	1	Remreed Switching Network — Description — 2/2B ESS Switches
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▲ 232-090-018	3	2B Processor Retrofit Accep- tance and Cutover Procedures	232-102-102	2	Applique Circuits Description — 2/2B ESS Switches
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▲ 232-090-022	4	Reassignment, Update, Cutover, and Call Trace Procedures — 2B ESS Switch	232-102-103	2	Functional Description of T1 Car- rier — Direct Interface With 2/2B ESS Switches
▲ 232-090-023	1	Reassignment, Update, and Line Identification Procedures — 2 ESS Switch	232-103-101	6	Call Processing — Description — 2/2B ESS Switches
▲ 232-090-024	2	Service Frames	232-104-301	1	Analyzing Audit Printouts — 2/2B ESS Switches
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▲ 232-090-030	1	Remote Switching System (RSS) Host Maintenance — 2B ESS Switch			
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232-105-301	2	System Recovery Guideline Procedures — 2 ESS Switch	232-126-301	1	Module Maintenance Procedure — 2A or 2C ESS Switches
232-105-302	5	Messages and Test Circuits — 2/2B ESS Switches	232-127-101	3	Manual Translation Modification Procedure — General Description — 2/2B ESS Switches
232-105-303	1	Trouble Shooting Procedures for Use With Automatically Detected Errors — 2 ESS Switch	232-127-301	3	Manual Translation Modification Procedure — Allocation of Call Store — 2/2B ESS Switches
232-105-304	2	Taking Equipment Out of Service, Restoring Equipment to Service, Removing and Restoring Power — 2/2B ESS Switches	232-127-302	4	Allocation of Program Store Memory — Manual Translation Modification Procedure — 2/2B ESS Switches
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232-109-101	1	Control Complex Description — 2 ESS Switch	232-127-309	2	Allocating New Centrex Group/Changing Size (EF-2) — Manual Translation Modification Procedures — 2/2B ESS Switches
232-113-301	5	System Initialization Procedures — 2 ESS Switch	232-127-310	1	Manual Translation Modification Procedure (EF-1) — Allocating New Centrex Group/Changing Size — 2/2B ESS Switches
232-116-101	4	Permanent Signals and Partial Dials — Description of Handling — 2/2B ESS Switches	232-127-311	3	Flexible Station Hunt (FSH) Group — Manual Translation Modification Procedure — 2/2B ESS Switches
Addendum	1		232-127-312	3	Allocating Multiline Hunt Group (MLHG) Manual Translation Modification Procedure — 2/2B ESS Switches
232-118-101	4	Basic Translation Data Description — EF-2 and Earlier Generic Programs — 2/2B ESS Switches	232-127-313	4	Manual Translation Modification Procedure Multiline Hunt Group (MLHG) Allocating/Changing Size (AIOD) — 2/2B ESS Switches
232-118-105	4	Recent Change Procedures (Central Office Changes) for All Generic Programs — 2/2B ESS Switches (8-93)	Addendum	1	
232-118-301	4	Adding a Centrex-CO Customer — Procedures — 2/2B ESS Switches	232-127-314	2	Adding Trunks/Service Circuits Manual Translation Modification Procedure (LO-1 and EF-1) — 2 ESS Switch
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232-120-301	7	Traffic and Plant Measurements — 2/2B ESS Switches			
232-121-301	2	Supplementary Central Pulse Distributor — Procedures for Removing and Restoring Power — 2/2B ESS Switches			
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232-121-302	2	6.7 Volt Converter — Power Removal and Restoration — 2 ESS Switch			
232-122-301	5	Dynamic Service Protection — Application — 2 ESS Switch			

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232-127-316	2	Allocating New Carrier Group Table — Manual Translation Modification Procedures — EF-1 and 2B-EF-1 — 2/2B ESS Switches	Addendum	1	
232-127-317	3	Changing the NOCBCD Table — Manual Translation Modification Procedure — 2/2B ESS Switches	232-127-327	3	Adding Trunks/Service Circuits — Manual Translation Modification Procedure (EF-2 and 2B-EF-2) — 2/2B ESS Switches
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232-127-318	2	Changing TOTANI Table — Manual Translation Modification Procedures (LO-1, EF-1, and 2B-EF-1) — 2/2B ESS Switches	232-127-330	2	Allocating Additional ACOF Tables (EF-2 and 2B-EF-2) Manual Translation Modification Procedure — 2/2B ESS Switches
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232-127-319	2	Allocating New Simulated Facilities Group/Changing Size — Manual Translation Modification Procedures — 2/2B ESS Switches	232-130-201	1	Telephone Set 3756A Piece-Part and Connections — Trunk Test Panel — 2/2B ESS Switches
232-127-320	2	Manual Translation Modification Procedure — Adding Noncentrex Speed Calling Translators — (LO-1, EF-1, and EF-2) — 2/2B ESS Switches	232-130-301	5	Trunk Test Panel — Method of Operation — 2/2B ESS Switches
232-127-321	2	Allocating Additional ACOF Tables (EF-1 and 2B-EF-1) Manual Translation Modification Procedure — 2/2B ESS Switches	232-131-101	3	Description of Interoffice Trunk Testing — Permanent Busy, Operational, and Diagnostic Test — 2/2B ESS Switches
232-127-322	2	Manual Translation Modification Procedure Changing Information in the Charge Index Word — 2/2B ESS Switches	232-132-101	2	Remote Office Test Line (ROTL) — Description — 2 ESS Switch
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			■ 232-162-125	2	System Control — Software Subsystem Description — 2B ESS Switch
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■ 232-190-012	1	General Description — Centrex-CO — 2 ESS Switch	■ 232-190-118	2	Inward Wide Area Telecommunications Service (INWATS)
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232-203-301	1	Automatic Identified Outward Dialing Maintenance Procedures Using Maintenance Teletypewriter	232-318-102	1	Basic Translation Description — 2BE4 Generic Program — 2B ESS Switch
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232-303-301	4	Teletypewriter — Operating Procedures — 2B ESS Switch	232-327-303	3	Formatting Changes in Program Store — Manual Translation Modification Procedure — 2B ESS Switch
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■ 233-190-113	1	Overload Controls — Dynamic Service Protection			
■ 233-190-114	1	Emergency Line Services			
■ 233-190-115	1	Extended Range			
Addendum	1				
■ 233-190-123	1	Feature Document — Message Registers			
■ 233-190-125	2	Multiline Hunt Group			
■ 233-190-126	2	Feature Document — Multiparty Service			
■ 233-190-129	2	Feature Document — Permanent Signal and Partial Dial Treatment			
■ 233-190-131	2	Feature Document — Dial- Tone-First Coin			
■ 233-190-133	2	Series Completion			
233-190-136	2	Speed Calling			
Addendum	1				
■ 233-190-138	1	Threeway Calling			
233-190-139	1	Toll Restriction and Toll Diver- sion			
■ 233-190-142	1	Outward Wide Area Telecom- munications Service (OUTWATS)			

Division 234**4ESS™ Switch****234-0 Indexes, Equipment Test List, and General System Information**

- 000 Indexes and Equipment Test List
- 010 General
- 020 System Operational Procedures
- 040 Measurements
- 090 Feature Documents
- 092 StarterLine® Installation
- 097 All CIRs (Customer Information Releases) Except AT&T-C
- 098 AT&T-C only CIRs
- 099 General Distribution CIRs

234-1 System Description, Operation, Maintenance, Retrofit, and Growth

- 100 General System Information
- 101 Network Administration
- 103 Network Maintenance
- 108 CMS (Circuit Maintenance System)
- 121 RMS- (Remote Measurement System)
- 150 Terminal Equipment Maintenance
- 151 Peripheral Equipment Maintenance
- 152 Machine Administration Center (MAC)
- 153 Growth
- 154 Circuit Maintenance System Center
- 155 System Evaluation and Acceptance Tests
- 160 Generic Retrofit/Update
- 180 Software Description
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- 182 System Evaluation and Acceptance Requirements
- 183 Precutover Trunk Testing
- 185 Generic Retrofit and ODA Update — Planning and Scheduling Guide

234-3 1B Processor

- 351 Maintenance
- 355 Testing
- 380 Software Description
- 382 System Evaluation and Acceptance Requirements

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234-0 Indexes, Equipment Test List, and General System Information**234-000/001 Indexes and Equipment Test List**

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| 234-000-000 | 53 | Numerical Index — Division 234 — 4ESS™ Switch (5-95) |
| 234-000-005 | 33 | Interdivisional Numerical Index (10-93) |
| 234-000-010 | 7 | Generic Retrofit Index (11-94) |
| 234-000-015 | 2 | Recommended Documentation for New 4ESS Switch Offices (Composite List) |
| 234-001-011 | 7 | Equipment Test List |
| ■ 234-001-011AC | 2 | Equipment Test Switch |

234-010 General

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| 234-010-100 | -- | 4 ESS Switch Translations Guide TG4 (7 Vols.) |
| ■ 234-010-100AC | -- | Proprietary Translations Guide 4 ESS Switch PTG4 (7 Vols.) |
| 234-010-107 | 9 | Maintenance Reference Handbook — 4E17 Generic (9-92) |
| 234-010-120 | 2 | Digital Synchronization — Reference Guide (5-92) |
| 234-010-130 | 11 | 4ESS Switch — Input Reference Manual |
| 234-010-131 | 8.2 | 4ESS/APS Input Reference Manual (11-94) |
| 234-010-132 | 1.1 | 1B Input Reference Manual (11-94) |
| 234-010-200 | 1 | 4ESS Switch Circuit Pack Compatibility Guide (1-95) |
| ■ 234-010-205 | 1 | Program Address Interpretation Guide — Description |
| 234-010-210 | 6 | Audit System Application Description (11-94) |
| 234-010-215 | 3 | Trouble Locating Procedure (LTP) Process — Description (6/94) |
| ■ 234-010-315 | 9 | 4E18 Generic Domestic Call-Irregularity — Maintenance Reference Handbook (2 Volumes) (10-94) |
| ■ 234-010-316 | 10 | 4E17 International Switching Center — Call-Irregularity Maintenance — Reference Handbook (11-94) |

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234-015 Electronic Media			■ 234-090-006AC	1	Positive Call Processing/Subaccount Billing
Ⓢ234-015-100	--	Subscription for Networked Services Access To 4ESS Switch Documentation	■ 234-090-007	1	Architecture and Capacity Enhancements
234-020 System Operational Procedures			■ 234-090-008AC	1	Network Routing Feature (NRF)
234-020-001	1	Operational Review — Network Administration	■ 234-090-009	1	Integrated Services Digital Network (ISDN) Phase 4
■ 234-020-006AC	2	International Network Switching Performance Measurement Plan — Description — Network Switched Services	234-090-010	1	Billing Improvements
234-020-007	4	Domestic Network Switching Performance Measurement Plant (NSPMP) — Reference Guide (9-92)	■ 234-090-011	1	Local Exchange Carrier (LEC) Feature Document
Addendum	1		234-090-012	1	Common Channel Signaling Number 7 (CCS7) Enhancements
234-020-010	2	Controlled Maintenance Plan	■ 234-090-115	2	LEC Switch Privates Services and Implementation Manual
234-020-030	2	Recent Change System — Roll-back, Rollforward, and Reinitialization Network Operations — Common Methods	234-090-153	1	Product Release Document — 4E15 Release 3 Generic
234-040 Measurements			■ 234-090-153AC	1	Product Release Document — 4E15 Release 3 Generic
■ 234-040-030AC	1	International Machine Service Report-2 — Description — Network Switched Services	234-090-154	1	Product Release Document — 4E15 Release 4 Generic
■ 234-040-031AC	1	International Machine Report-2 Description — Network Switched Services	■ 234-090-154AC	1	Product Release Document — 4E15 Release 4 Generic
234-090 Feature Documents			234-090-161	1	Product Release Document — 4E16 Release 1 Generic
Feature Documents			■ 234-090-161AC	1	Product Release Document — 4E16 Release 1 Generic
■ 234-090-001	1	Network Interconnect Phase I — Common Channeling Signaling Number 7	234-090-163	1	Product Release Document — 4E16 Release 3 Generic (6-92)
■ 234-090-002	1	Service Switching Point — 800	■ 234-090-163AC	1	Product Release Document — 4E16 Release 3 Generic (6-92)
■ 234-090-003AC	1	Direct Service Dialing Enhancements	234-090-164	1	Product Release Document — 4E16 Release 4 Generic (8-92)
■ 234-090-004AC	1	International Services and Capabilities	■ 234-090-164AC	1	Product Release Document — 4E16 Release 4 Generic (8-92)
234-090-005	1	Network Interconnect Phase 2 — Common Channel Signaling Number 7 — Integrated Services Digital Network — User Part	234-090-171	1	Product Release Document — 4E17 Release 1 Generic (9-92)
■ 234-090-005AC	1	Network Interconnect Phase 2 — Common Channel Signaling Number 7 — Integrated Services Digital Network — User Part	■ 234-090-171AC	1	Product Release Document — 4E17 Release 1 Generic (9-92)
			234-090-172	1	Product Release Document — 4E17 Release 2 Generic (4-93)
			■ 234-090-172AC	1	Product Release Document — 4E17 Release 2 Generic (4-93)
			234-090-173	1	Product Release Document 4E17 Release 3 Generic (7-93)
			■ Revision 2	9-93	
			■ Revision 1	7-93	
			■ 234-090-173AC	1	Product Release Document 4E17 Release 3 Generic (6-93)

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234-090-174	1	Product Release Document 4E17 Release 4 Generic (10-93)	234-097 CIRs (Customer Information Releases) RBOC/ITOC Independent Telephone Operating Company		
■ 234-090-174AC	1	Product Release Document 4E17 Release 4 Generic (10-93)	■ 234-097-004 TD	1	4E11 Generic Features — Switching Systems
234-090-181	1	Product Release Document 4E18/4E19 Release 1 Generic (12-93)	■ 234-097-005 TD	1	Bell Operating Companies and Independent Telephone Com- panies Common Network Inter- face (CNI) Ring Engineering In- formation for 4ESS™ 4E11 Gen- eric Applications
■ 234-090-181AC	1	Product Release Document 4E18/4E19 Release 1 Generic (12-93)	■ 234-097-006 NP	1	4E12 Generic Feature Descrip- tions, — Switching Systems
234-090-182	1	Product Release Document 4E18/4E19 Release 2 Generic (4-94)	■ 234-097-007 TD	1	4E12 Generic Features, Switch- ing Systems
■ 234-090-182AC	1	Product Release Document 4E18/4E19 Release 2 Generic (4-94)	■ 234-097-008 NP	1	4E13 Generic Features for BOC/IOC (Bell Operating Company/Independent Operat- ing Company), Switching Sys- tems
234-090-183	1	Product Release Document 4E18/4E19 Release 3 Generic (7-94)	■ 234-097-009 TD	1	Generic Features for BOC/IOC (Bell Operating Company/Independent Operat- ing Company), Switching Sys- tems
■ 234-090-183AC	1	Product Release Document 4E18/4E19 Release 3 Generic (7-94)	■ 234-097-010 NP	1	4E14 Generic Features for Local Exchange Companies (LECs)
234-090-184	1	Product Release Document 4E18/4E19 Release 4 Generic (10-94)	■ 234-097-011NP	1	4ESS Switch 4E15 Generic Features for BOC/IOC (Bell Operating Company/Independent Operat- ing Company)
■ 234-090-184AC	1	Product Release Document 4E18/4E19 Release 4 Generic (10-94)	■ 234-097-012TD	1	4ESS Switch 4E14 Generic Features for Local Exchange Companies
234-090-201	1	Product Release Document 4E20 Release 1 Generic (12-94)	■ 234-097-013 NP	2	4E16 Generic Feature for Local Exchange Companies (LECs)
■ 234-090-201AC	1	Product Release Document 4E20 Release 1 Generic (12-94)	■ 234-097-014TD	1	4ESS Switch 4E15 Generic Features for Local Exchange Companies (LECs)
234-090-202	1	Product Release Document 4E20 Release 2 Generic (4-95)	■ 234-097-015NP	1	4ESS Switch 4E17 Generic Features for Local Exchange Companies (LECs), Switching Systems
■ 234-090-202AC	1	Product Release Document 4E20 Release 2 Generic (4-95)	■ 234-097-016NP	1	4ESS Switch 1B Processor Description
234-090-500	5	LEC Feature Handbook	■ 234-097-017NP	1	4ESS Switch 4E18 Generic Features for Local Exchange Companies (LECs) (7-93)
234-092 StarterLine® Service			234-097-018NP	1	4ESS Switch 4E20 Generic Features for Local Exchange Companies (LECs) (6-94)
234-092-100	1	AT&T StarterLine Service Instal- lation Manual			
234-092-105	1	AT&T RCS Programmability for 800 StarterLine Service			
234-092-106	1	RCS Programmability Application UNIX* System Commands			

* UNIX is a registered trademark of Novell, Inc.

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234-098 AT&T-C only CIRs

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| ■ 234-098-001NP | 1 | 4E10 Generic Feature Descriptions — Network Planning |
| ■ 234-098-002TD | 1 | 4E10 Generic Features — Technical Description |
| ■ 234-098-003 NP | 1 | 4E10 Generic Feature Descriptions — Network Planning |

234-099 General Distribution CIRs

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| ■ 234-099-013MG | 1 | Installation Trouble Shooting Procedures for Time Slot Interface-B Diagnostic Failures — Phases 20 and 23 |
| ■ 234-099-014TD | 1 | 4ESS Switch: Engineering Information for the Direct Link Node Enhanced (DLNE), Switching Systems |
| ■ 234-099-018IR | 1 | SPARES Exchange Service for Network and Signaling Products (9-93) |
| ■ 234-099-020NP | 1 | 4ESS Switch Warranty Support Plan Policy (6-93) |

234-1 System Description, Operation, Maintenance, Retrofit, and Growth**234-100 General System Information**

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| 234-100-000 | 15 | General Description (11-94) |
| 234-100-015 | 4 | Office Communication Facilities — Description |
| 234-100-021 | 7 | Input/Output System — Description |
| 234-100-040 | 5 | Office Alarm System — Description and Theory — General System Information (6-94) |
| 234-100-060 | 4 | Power Distribution System — Description |
| 234-100-100 | 3 | Mass Announcement System — Description and Theory |
| 234-100-120 | 6 | Common Channel Signaling System — Common Network Interface (CNI) — System Description Manual (11-94) |
| ■ 234-100-120AC | 6 | Common Channel Signaling System — Common Network Interface (CNI) — System Description Manual (11-94) |

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| 234-100-130 | 2 | Service Circuit System (SCS) Description (10-94) |
| ■ 234-100-130AC | 1 | Service Circuit System (SCS) Description (12-94) |
| 234-100-200 | 4 | AT&T 3B20D Model 1 Computer — Attached Processor System — General System Information — Application |
| 234-100-201 | 3 | 3B20D Model 2 and Model 3 Computer — Attached Processor System — Application |
| 234-100-205 | 5 | Network Services Complex (NSCX) — Application (5-93) |
| 234-100-210 | 2 | Service Circuit System (SCS) Application (10-94) |
| ■ 234-100-210AC | 1 | Service Circuit System (SCS) Application (12-94) |

234-101/102 Network Administration**NMC (Network Management Center)**

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| ■ 234-101-015 | 7 | 4ESS Switch Network Management Center Operating Guidelines Network Administration (4-95) |
| 234-101-020 | 1 | Network Management Display System User Reference Manual (4E15) |

MAC (Machine Administration Center)

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| 234-102-000 | 1 | System Interface Devices |
| 234-102-010 | 10 | CMS (Circuit Maintenance System) 1C Displays — Description |
| ■ 234-102-010 AC | 2 | Circuit Maintenance System — Displays |
| 234-102-015 | 2 | Operating Guidelines |
| 234-102-016 | 2 | Assignment Practices |
| 234-102-019 | 2 | Magnetic Tape Administration |
| 234-102-020 | 1 | Transition Management |
| 234-102-025 | 2 | Recent Change System — Recent Changes |

234-103/106 Network Maintenance**TOC (Trunk Operations Center)**

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| 234-103-000 | 6 | System Interface Devices |
| 234-103-010 | 11 | CMS (Circuit Maintenance System) 1C Displays — Description |

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■ Addendum AC	1		234-108-041	7	CMSMC — Operating Philosophies — 1C
■ 234-103-010AC	2	TOC (Trunk Operations Center) — Displays CMS and Reports (Vols. 1 and 2)	234-108-042	2	CMS — System Interface Devices — Description — 1C
234-103-015	2	Operation Guidelines	234-108-043	1	Office Forms and Labels — Description
234-103-016	6	Trunk Error Analysis, Trunk Operations Center (11-93)	234-108-044	5	MIC (Multiple Input Command) Program — 1C
234-103-017	1	Digital Facility Trunk Trouble Reporting Description	234-108-045	1	Transaction Activity Measurement Program — 1B/C
234-103-018	5	Call Irregularity Raw Data Trap	234-108-047	6	Interfacing 4ESS Switch Data Base With CMS 1C — Procedures
234-103-019	1	Ineffective Attempts — Definition Network Maintenance	■ Addendum AC	1	
■ 234-103-020AC	1	User Guide	■ 234-108-100AC	2	Description, Administration, and Operation Philosophy
234-103-100	1	System Interface Devices — Centralized Arrangement	■ Addendum AC	1	
TEC (Terminal Equipment Center)			■ 234-108-102AC	2	Programming Package — MIC and GRG
234-104-000	3	System Interface Devices	234-108-105	2	1C Displays — Description — Frame Provisioning — Toll Terminal Equipment
Addendum	1		234-108-110	2	1C Displays — Description — Facility Order Processing — Toll Terminal Equipment
234-104-010	9	CMS 1C — Description	234-108-111	1	1C — Facility Order Interface Specifications — Toll Terminal Equipment
MOC (Maintenance Operations Center)			234-110/120 Peripheral Equipment		
234-105-000	2	System Interface Devices	234-110-000	4	Processor Peripheral Interface Frame and Master Control Console — Description
234-105-100	1	Centralized Arrangement — System Interface Devices Description — Network Maintenance	234-110-001	4	Processor Peripheral Interface Frame and Master Control Console — Theory
234-105-105	2	Centralized Arrangement — Remote Work Station Operation — Network Maintenance	234-110-002	2	683ABMS1-58 and 2683ABMS1-58 Telephone Sets — Description and Service
Switching Management Control Center			234-110-010	4	Peripheral Unit Bus System — Description (3-93)
234-106-000	1	System Interface Devices	234-110-011	2	Peripheral Unit Bus System — Theory
234-106-015	1	Operating Guidelines	234-110-020	5	Network Clock Frame — Description
234-108 CMS (Circuit Maintenance System)			234-110-030	1	Time Slot Interchange Frame — J4A001A-1 and J4A001A-2 — Description
234-108-002	6	1C — Circuit Order Interfaces Specification	234-110-031	1	Time Slot Interchange Frame — J4A001A-1 and J4A001A-2 — Theory
■ Addendum AC	1				
■ 234-108-002AC	2	1C — Circuit Order Interface Specification Manual			
234-108-010	10	1C Displays — Description — CMSMC			
234-108-030	2	CMS 1B — General Description			
234-108-031	2	1B — CMSMC — Operating Philosophies			
234-108-040	4	CMSMC — General Description — 1C			

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234-110-032	2	Time Slot Interchange Frame — J4A001B-1 — Description	234-110-086	1	4ESS Call Detail Recording Platform Software Release Description
234-110-033	2	Time Slot Interchange Frame J4A001B-1 — Theory	234-110-094	3	Operational and Transmission Test Lines — Description
Addendum	1		234-110-100	3	Multifrequency Signaling Frame J99353A-1 — Description
234-110-040	1	Time Multiplexed Switching Frame — J4A002A-1 and J4A002A-2 Description	234-110-101	3	Multifrequency Signaling Frame J99353A-1 — Theory
Addendum	1		234-110-102	2	Multifrequency Signaling Test Unit — Description
234-110-041	1	Time Multiplexed Switching Frame — J4A002A-1 and J4A002A-2 Theory	234-110-103	2	Multifrequency Signaling Test Unit — Theory
234-110-042	1	Time Multiplexed Switching Frame J4A002B-1 — Description	234-110-104	2	Common Channel Interoffice Signaling Continuity Check Transceiver Unit — J4A010AC-1 — Description and Theory
234-110-043	1	Time Multiplexed Switching Frame J4A002B-1 — Theory	234-110-105	2	Common Channel Interoffice Signaling Continuity Check Transceiver and Loop-Around Test Unit — J4A010AE-1 — Description and Theory
234-110-050	1	Signal Processor 1 — Description	234-110-110	2	Network Management Display Control Frame, Telemetry Frame, and Panels — Description
234-110-051	2	Signal Processor 1 — Theory	234-110-130	3	Miscellaneous Frames A, B, and C — Description and Theory
Addendum	1		234-110-140	3	Miscellaneous Trunk Test and Support Equipment — Description
234-110-052	1	Signal Processor 1 — With Combined Distributor and Scanner Matrix Frame — Description	234-110-150	2	Input/Output Frame — Description and Theory
234-110-053	3	Signal Processor 1 — With Combined Distributor and Scanner Matrix Frame — J4A003G-1, J4A003F-1 — Theory	234-110-152	1	Input/Output Processor Frame J5A006C-1 — Description and Theory
Addendum	1		Addendum	1	
234-110-060	1	Signal Processor 2 — J4A008A-1 — Description	234-110-154	1	Input/Output Processor Frame — J5A006D-1 — Description and Theory
234-110-061	3	Signal Processor 2 — J4A008A-1 — Theory	234-110-160	1	Phased Announcement System — Description
234-110-070	3	Common Channel Interoffice Signaling (CCIS) Terminal Group — J4A009A-1, J4A009B-1 — Description	■ 234-110-160AC	1	Phased Announcement System — Theory
234-110-071	3	Common Channel Interoffice Signaling (CCIS) Terminal Group — J4A009A-1, J4A009B-1 — Theory	234-110-161	1	Phased Announcement System — Theory
234-110-080	4	Remote Office Test Line Frame — Description	234-110-200	1	Peripheral Unit Control Frame J4A015A-1 — Description
234-110-081	3	Remote Office Test Line Frame — Theory	234-110-201	1	Peripheral Unit Control Frame J4A015A-1 — Theory
■ 234-110-082AC	1	Individual Per Call Control (IPCC) — Gateway System Description (11-94)	234-110-210	3	Mass Announcement System Frame J4A015B-1 — Description and Theory
■ 234-110-083AC	1	Individual Per Call Control (IPCC) — Connectivity and Maintenance Guidelines (4-95)			

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234-110-211	2	Mass Announcement System Frame J4A015B-1 — Theory	234-121-107	1	SMARTS User's Reference Manual
234-111-000	1	Voiceband Interface Frame — Description	234-121-111	3	RMS-G1 — User Manual
234-111-010	2	Echo Suppressor Terminal — (J69215) — Description	234-121-112	1	Remote Measurement System — Gateway 1 (RMS-G1) — Operation, Administration and Maintenance (OA&M) Manual (11-93)
234-111-011	1	Echo Suppressor Terminal — Theory	234-121-120	2	RMS-G2 — User's Manual (10-93)
234-111-020	2	Metallic Terminal Frame, Test Extender, and Auxiliary Metallic Trunk Circuits — Description	234-121-122	1	RMS-G2 — Administration Manual (08-93)
Addendum	1		234-121-130AI	1	Sentry ATTS User Manual for RMS-G1 (International) (1-94)
234-111-030	1	International Operator Bridged — Access Interoffice Trunk (OBAT) — Description	234-150 Terminal Equipment Maintenance		
234-111-031	1	International Operator Bridged — Access Interoffice Trunk (OBAT) — Theory	▲234-150-001	6	Domestic Trunk Operations Center
234-112-000	2	Digroup Terminal — J68952B-1 and J68952A-1 — Description	▲234-150-002	6	Domestic 51A Test Position
234-112-010	5	Digital Interface (J-68960) — Description	▲234-150-003	1	Domestic Trunk Operations Center — RMS-D2
234-112-015	3	DIF-E1 (Digital Interface) Frame — (J5X059B-2) — Description	▲234-150-005	4	Service Circuit and Trunk Test Facilities — Remote Office Test Line Frame
234-113-000	1	A6 Channel Bank Unitized Terminal Equipment — Application	▲234-150-006	4	Metallic Terminal Frame
234-113-010	4	Analog Multiplex Terminal Equipment — LT-1 Connector — Description	▲234-150-010	2	Unitized Terminal Equipment — A6 Channel Bank
234-113-012	1	LT-2 Digital Transmultiplexer — Description	▲234-150-025	1	A5 Channel — Unitized Terminal Equipment
234-113-020	4	D4 Channel Bank — Application	▲234-150-030	4	LT-1 Connector
234-120-000	8	51A Test Position J1P000A and Control Area Common Equipment Frame J1P000B — Description	▲234-150-040	2	A6B and DFSG Channel Banks — Unitized Terminal Equipment — J68957A and B Frames
234-120-001	7	51A Test Position Operation — Description	▲234-150-041	2	A6B and DFSG Channel Banks — Unitized Terminal Equipment — J98629K and N Frames
234-120-010	1	53A Test Position and Position Console Interface Cabinet J1P047A — Description	▲234-150-042	2	A6B and DFSG Channel Banks — Unitized Terminal Equipment — J98629T and U Frames
234-120-011	1	53A Test Position — Operation	▲234-150-043	2	A6B and DFSG Channel Banks — Unitized Terminal Equipment — J98629W and Y Frames
234-121 RMS (Remote Measurement System)			▲234-150-044	1	D4 Blank UTE (J68965A and B Frames)
■ 234-121-105	4	RMS-D2 — User Manual (AT&T-NSD Version) (5-92)	▲Addendum	1	
234-121-106	2	RMS-D2 — User Manual (Local Exchange Carriers Version) (5-93)	▲234-150-101	6	International Trunk Operations Center
			▲234-150-102	6	International 51A Test Position
			▲234-150-110	3	Operator Bridged Access Trunk Frame

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234-151 Peripheral Equipment Maintenance			▲234-151-060	2	Phased Announcement System — Operating and Trouble Clearing Procedures (12-93)
▲Addendum	1		▲234-151-070	2	Mass Announcement System Frame
▲234-151-002	7	Maintenance Operations Center	234-151-077	2	Service Circuit System Maintenance (10-94)
▲Addendum	1		■ 234-151-077AC	1	Service Circuit System Maintenance (12-94)
▲234-151-003	9	TTY Message Analysis (Audits, Interjects, and Interrupts) (12-92)	■▲234-151-082AC	1	Individual Per Call Control (iPCC) — Maintenance
▲234-151-006	5	Master Control Console and Processor Peripheral Interface Frame	▲234-151-102	2	Switching Management Control Center
Addendum	1		▲234-151-106	1	Switching Management Control Center Interfaces
▲234-151-011	5	Time Multiplexed Switching Frame — Switching Network	■▲234-151-107AC	1	Method of Procedure (MOP) Evaluating Network Clock Sync
▲Addendum	1		▲Addendum	1	
▲234-151-012	5	Switching Network — Time Slot Interchange Frame	▲234-151-120	5	Common Network Interface (11-93)
▲234-151-013	7	Network Clock Frame (Network Clock and System Clock) — 4E9 Generic — Switching Network	234-151-160	2	4ESS Switch Operation/Trouble Procedures (12-93)
■▲Addendum	1		234-152 Machine Administration Center (MAC)		
▲234-151-015	4	Peripheral Unit Bus System	▲234-152-132	1	Routing Changes — 4E13 Generic
▲234-151-017	2	Peripheral Unit Controller — Switching Network	▲234-152-134	1	Traffic and Plant Measurements — 4E13
▲234-151-020	4	Network Management Display Panels and Frames	▲234-152-135	1	Mass Announcement Service Recent Changes 4E13 Generic
▲234-151-022	3	Office Procedures After Loss of AC Power (1-95)	▲234-152-137	1	CCIS Circuit Order — Recent Changes — 4E12 and 4E13 Generic Programs
▲234-151-025	5	Voiceband Interface — Terminal Interface Equipment	▲234-152-138	1	Recent Change Update Library Process — 4E13 Generic
▲234-151-031	6	Signal Processor 1 — Terminal Interface Equipment (5-95)	▲234-152-139	1	Non-CCIS Circuit Order — Recent Changes — 4E12 and 4E13 Generic Programs Machine Administration Center
▲234-151-032	3	Signal Processor 2 — Terminal Interface Equipment (5-95)	▲234-152-142	1	Routing Changes — 4E14 Generic
▲234-151-033	4	Terminal Interface Equipment — Common Channel Interoffice Signaling Terminal Group	▲234-152-144	1	Traffic and Plant Measurements — 4E14
▲234-151-041	4	Service Circuits and Trunk Test Facilities — Multifrequency Signaling Frame	▲234-152-145	1	Mass Announcement Service (MAS) — Recent Changes 4E14 Generic
▲234-151-043	4	Miscellaneous Frames A, B, and C — Service Circuits and Trunk Test Facilities (5-93)	▲234-152-148	1	Recent Change Update Library Process — 4E14 Generic
▲234-151-045	5	Digroup Terminal — Terminal Interface Equipment			
▲234-151-048	4	Terminal Interface Equipment — D4 Channel Bank			
▲234-151-050	5	Echo Suppressor Terminal			
▲234-151-055	6	Digital Interface (DIF and DIF-EF) — Terminal Interface Equipment (9-93)			

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			● 235-300-010	5	5ESS Switch Information Guide
			● 235-300-015	2	OSPS Information Guide
			235-300-025	2	Value of ISDN Support Services (1988)

Number	Issue	Subject	Number	Issue	Subject
235-300-026	2	Digital Centrex Documentation and Training Guide (1989)	■Ⓢ235-400-110	--	5ESS Switch Engineering Drawings — CD-ROM NOTE: This item is updated bi-monthly.
235-300-027	1	Value of ISDN OA&M (1988)	■Ⓢ235-410-100	--	OA&M Documents (UNIX Based Tape) NOTE: This item is updated monthly.
● 235-300-050	2	Metro-Digital Transition — Application Guide (1989)	■Ⓢ235-410-200	--	Usage Sensitive Subscription for Networked Services Access to 5ESS Switch Documentation NOTE: This item is updated monthly.
235-300-070	2	ACD/MIS Telemarketing Services Applications Guide	■Ⓢ235-410-210	--	Flat Rate Subscription for Networked Services Access to 5ESS Switch Documentation NOTE: This item is updated monthly.
235-310 Reliability			■Ⓢ235-410-220	--	Electronic Media Networked Service (EMNS) Access to On-Line Program Listing NOTE: This item is updated monthly.
■ 235-310-100	1	5ESS Switch Ultra Reliable Network Solution (10-93)	Electronic Media Hardware		
235-350 Hardware Kits			235-410-510	11/92	TOSHIBA* Microchannel CD ROM — Hardware System 2
■ 235-350-100	3	Optical Remote Module (ORM) Clock Synchronization Circuit (CSC) Conversion Manual (CC107179855) (5-94)	235-410-520	11/92	ASAP System With Expansion — Hardware System 4
235-390 Feature Handbooks			235-410-525	11/92	ASAP Software Upgrade-A — Hardware System 5
■ 235-390-100	5	Global Switch Technical Description (International) (12-94)	235-410-535	--	Globalyst 515 Standard Desktop — 33 MHz 486SX with AT&T MultiGraphics Terminal Emulator (MGTE)
■ Addendum	1	5E7 Product Release Document (for NSD only)	235-410-540	--	Globalyst 515 Super Desktop — 50 MHz 486SX with AT&T MGTE
■ 235-390-200AC	1	5E7 Product Release Document (for NSD only)	235-410-545	--	Globalyst 515 Standard Desktop — 33 MHz 486SX with CD-ROM
■ 235-390-202AC	1	5E8 Product Release Document (for NSD only)	235-410-550	--	Globalyst 515 Super Desktop — 50 MHz 486SX with CD-ROM
235-390-505	1.00	Basic Switch Features	235-410-555	--	Globalyst 515 Standard Desktop — 33 MHz 486SX with AT&T MGTE and CD-ROM
235-390-510	3.00	Basic Voice Features (5-94)	235-410-560	--	Globalyst 515 Super Desktop — 50 MHz 486SX with AT&T MGTE and CD-ROM
235-390-514	1.00	Custom Integrated Services Digital Network (ISDN) Features			
235-390-515	1.00	National Integrated Services Digital Network (ISDN) Features (12-92)			
235-390-520	7.00	5ESS-2000 Switch Two Year Feature Planning Guide			
235-4 Electronic Media					
■Ⓢ235-400-100	--	5ESS Switch Documentation — CD-ROM NOTE: This item is updated monthly.			
■Ⓢ235-400-102	--	UNIX* Based CD-ROM NOTE: This item is updated monthly.			

* UNIX is a registered trademark of Novell, Inc

* TOSHIBA is a registered trademark of Kabushiki Kaisha Toshiba.

Number	Issue	Subject
235-410-561	--	Globalyst 200 Notebook — 50 MHz 486SX with AT&T MGTE
235-410-562	--	Globalyst 200 Notebook — 50 MHz 486SX with CD-ROM
235-410-563	--	Globalyst 200 Notebook — 50 MHz 486SX with AT&T MGTE and CD-ROM
235-410-565	--	HP* Laserjet IV
235-410-566	--	NCR 6427 Dot-Matrix Printer or OKIDATA† MICROLINE‡ 590 24-pin Printer
235-410-570	--	TOSHIBA External CD-ROM Drive
235-410-575	--	Telebit TRAILBLAZER‡ 19.2 Kbps Internal Modem
235-410-580	--	Telebit TRAILBLAZER 19.2 Kbps External Modem
235-410-585	--	Graphics Terminal Emulator
235-410-586	--	Multi Graphics Terminal Emulator
235-410-587	--	Multi Graphics Terminal Emulator With MICROSOFT WINDOWS§
235-410-596	3/92	AT&T Portable V.32 External Modem System 28
235-410-597	--	AT&T Laptop External, Portable CD-ROM
235-410-598	8/91	XIRCOM Network Interface Hardware System 30
235-410-599	1	Desktop Disk/Graphics Card Upgrade — Hardware System 99

235-6 Software Reference Manuals

Translations Data Manuals

■ 235-600-100	2.00	Translations Data [5E2(1) and 5E2(2)] (5 Vols)
■ 235-600-101	1.01	Translations Data (5E3) (4 Vols)
■ 235-600-102	1.05	Translation Data (5E4) (5 Vols)
■ 235-600-103	1.01	Translation Data (5E5) (6 Vols)

* HP is a registered trademark of Hewlett Packard, Inc.

† Registered trademarks of Oki Electric Industry Co., Ltd. (Japan Company)

‡ Registered trademark of Telebit Corporation

§ MICROSOFT WINDOWS is a trademark of MICROSOFT Corporation.

Number	Issue	Subject
■ 235-600-104	1.00	Translations Data (5E6)
■ 235-600-105	1.00	Translations Data (5E7)
■ 235-600-106	1.00	Translations Data (5E8) (12 Vols)
■ 235-600-107	1.00	Translations Data Manual (5E9) (8-93)
■ 235-600-108	1.00	Translations Data Manual 5E9(2) (8-94)
■ 235-600-115	13	Input Reference Guide

Population Rules Language Data Manuals

■ 235-600-130	1.00	Common Network Interface Translation Data Manual (8-93)
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Dynamic Data Manuals

■ 235-600-200	1.00	Dynamic Data [5E2(1) and 5E2(2)] (2 Vols)
■ 235-600-201	1.01	Dynamic Data (5E3) (2 Vols)
■ 235-600-203	1.00	Dynamic Data (5E4) (2 Vols)
■ 235-600-204	1.00	Dynamic Data (5E5) (2 Vols)
■ 235-600-205	1.00	Dynamic Data (5E6)
■ 235-600-206	1.00	Dynamic Data (5E7)
■ 235-600-207	1.00	Dynamic Data Manual (5E8) (2 Vols)
■ 235-600-208	1.00	Dynamic Data Manual [5E9(1)] (8-93)
■ 235-600-209	1.00	Dynamic Data Manual [5E9(2)] (9-94)

Domain Descriptions

■ 235-600-210	1.00	Translations and Dynamic Data Domain Description (5E5) (2 Vols)
■ 235-600-211	1.00	Translations and Dynamic Data Domain Description (5E6)
■ 235-600-212	1.01	Translations and Dynamic Data Domain Description Manual (5E7)
■ 235-600-213	1.00	Translations and Dynamic Data Domain Description Manual (5E8)
■ 235-600-214	1.00	Translations and Dynamic Data Domain Description Manual [5E9(1)] (8-93)

Reference

■ 235-600-215	1.00	Translations and Dynamic Data Reference (5E5)
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Number	Issue	Subject
■ 235-600-216	1.01	5ESS SW Translations and Dynamic Data Reference Manual (5E6)
■ 235-600-217	1.01	Translations and Dynamic Data Reference Manual (5E7)
■ 235-600-218	1.00	Translations and Dynamic Data Reference Manual (5E8)
■ 235-600-219	1.00	Translations and Dynamic Data Reference Manual [5E9(1)] (8-93)
■ 235-600-220	1.00	Translations and Dynamic Data Reference Manual [5E9(2)] (9-94)
■ 235-600-240	1.00	Translations and Dynamic Data Domain Description Manual (8-94)
■ 235-600-300	12/85	ECD/SG (Equipment Configuration Data/System Generation) Data Base [5E2(1)]
■ 235-600-301	1/86	ECD/SG Data Base [5E2(2)] (2 Vols)
■ 235-600-302	1.01	ECD/SG Data Base (5E3) (2 Vols)
■ 235-600-304	1.00	ECD/SG Data Base (5E4) (3 Vols)
■ 235-600-305	1.02	ECD/SG Data Base (5E5) (3 Vols)
■ 235-600-306	1.00	ECD/SG Data Base Manual (5E6)
■ 235-600-307	1.01	ECD/SG Data Base Manual (5E7)
■ 235-600-308	1.01	ECD/SG Data Base Manual (5E8)
■ 235-600-309	1.01	ECD/SG Data Base Manual [5E9(1)] and [5E9(2)] (10-94)
■ 235-600-350	1.01	Population Patterns of ECD (5E8)
■ 235-600-400	7.03	Audits Manual (10-94)
■ 235-600-400J1	7.01	Audits Reference Guide Job Aid
■ 235-600-500	9.00	Asserts Manual 5E9(2) (2 Vols) (9-94)
■ 235-600-510	3.03	Software Analysis Guide (10-94)
■ 235-600-601	4.02	Processor Recovery Messages (9-93)
■ 235-600-700	13.00	Input Messages Manual
■ 235-600-750	13.00	Output Messages Manual
■ 235-600-755	1.00	Protocol Error Record Description (8-94)

Number	Issue	Subject
235-7 Supplementary Reference Manuals		
■ Addendum	2	Interface/Compatibility Guide
■ 235-700-100	5.00	Interface/Compatibility Guide (6-92)
■ 235-700-125	6.00	Circuit Pack Compatibility Guide (5-95)
■ 235-700-200	5.00	UNIX System Reference Manual
■ 235-700-300	2.00	Peripheral Diagnostic Language Reference Manual

235-9 Specifications — Drawings and Program Documents

Product Specifications

■ 235-900-101	1.01	Technical Specification [5E2(1) and 5E2(2)] (2 Vols)
■ 235-900-103	1.02	System Description and Product Specification (5E3) (2 Vols)
■ Addendum	1.00	Product Specification (5E4) (8-90)
■ 235-900-104	2.01	Product Specification (5E4)
■ 235-900-105	2.01	Product Specification (5E5)
■ Addendum	1.01	Product Specification (5E6) (7-90)
■ 235-900-106	1.02	Product Specification (5E6)
■ 235-900-107	1.00	Product Specification (5E7)
■ 235-900-108	1.00	Product Specification (5E8)
■ 235-900-109	1.00	Product Specification [5E9(1)]
■ 235-900-110	1.00	5ESS-2000 Product Specification [5E9(2)] (9-94)

Interface Specifications

■ 235-900-301	1.05	Integrated Services Digital Network (ISDN) Basic Rate Interface (5E4)
■ 235-900-302	12/86	ISDN Primary Rate Interface (5E4)
■ 235-900-303	8.00	ISDN Applications Processor Interface Specification 5E7 and Later Software Releases (12-94)
■ Addendum	3.00	Recent Change Operations System Interface (6-94)
■ 235-900-304	6.00	Recent Change Operations System Interface
■ 235-900-305	2.00	Public Packed Switched Network (X.75') (5E5)
■ 235-900-306	5.00	Transmission Loss Plan 5E7 Through 5E9(2) Software Releases (9-94)

Number	Issue	Subject
Ⓐ Addendum	1	Interface Specification to a Packet Switched Public Data Network (X.75)
Ⓐ 235-900-307	2.00	Interface Specification to a Packet Switched Public Data Network (X.75) (5E6 & 5E7)
Ⓐ Addendum	2	IDCU TR-TSY-000303 Interface Specification
Ⓐ 235-900-308	3.01	IDCU TR-TSY-000303 Interface Specification [5E8 & 5E9(1)] (10-93)
Ⓐ 235-900-309	1.00	ISDN Remote Protocol Access Interface (5E7)
Ⓐ Addendum	1	ISDN Basic Rate Interface (5E5)
Ⓐ 235-900-311	1.01	ISDN Basic Rate Interface (5E5)
Ⓐ 235-900-312	1.00	ISDN Primary Rate Interface (5E5)
Ⓐ Addendum	1	Interface Specification to a Public Packet Switched Network (X.75) (5E6 and 5E7)
Ⓐ 235-900-315	2.00	Interface Specification to a Public Packet Switched Network (X.75) (5E6 and 5E7)
Ⓐ 235-900-317	3.00	Interface Specification To a Packet-Switched Public Data Network (X.75) 5E8 and Later Software Releases (12-94)
Ⓐ Addendum	3	ISDN Basic Rate Interface (5E6) (8-93)
Ⓐ 235-900-321	1.02	ISDN Basic Rate Interface (5E6)
Ⓐ 235-900-322	1.01	ISDN Primary Rate Interface (5E6)
Ⓐ 235-900-325	3.00	X.75' Intranetwork Interface Specification 5E8 and Later Software Releases (12-94)
Addendum	1	ISDN Basic Rate Interface (5E7) (8-93)
235-900-331	1.00	ISDN Basic Rate Interface (5E7)
Addendum	1	ISDN Primary Rate Interface (5E7 and 5E8)
Ⓐ 235-900-332	2.00	ISDN Primary Rate Interface (5E7 and 5E8)
Ⓐ 235-900-341	3.00	National ISDN Basic Rate Interface Specification 5E8 and Later Software Releases
Ⓐ 235-900-342	2.00	ISDN Primary Rate Interface Specification

Number	Issue	Subject
Addendum	1	Custom ISDN Basic Rate Interface Specification [5E8 and 5E9(1)] (8-93)
235-900-343	2.00	Custom ISDN Basic Rate Interface Specification [5E8 and 5E9(1)] (2-93)

235-990 Order Codes for Functional Groups of Drawings. See 235-001-001 for a Detailed List of Drawings Included in Each Code.

Schematic Diagrams (SDs)

■ 235-990-100	--	Administrative Module (AM) Miscellaneous Equipment
■ 235-990-100A	--	3B21D AM Equipment
■ 235-990-100B	--	3B20D AM Equipment
■ 235-990-101	--	Miscellaneous Equipment for AM or Remote Switch Module (RSM)
■ 235-990-102	--	RSM Application Schematic
■ 235-990-103	--	Miscellaneous Equipment for Optically Remote Module (ORM)
■ 235-990-104	--	Communication Module 2 (CM2)
■ 235-990-105	--	Communication Module 1 (CM1)
■ 235-990-106	--	Common Switch Module (SM) and Service Equipment
■ 235-990-107	--	Common SM Equipment (for RSM)
■ 235-990-108	--	Line Peripheral Equipment
■ 235-990-109	--	Line Peripheral Equipment for Office Equipped for Integrated SLC® Carrier
■ 235-990-110	--	Trunk Peripheral Equipment
■ 235-990-111	--	Integrated Services Line Unit (ISLU) for Host OSPS, Host ISDN, & RSM-ISDN
■ 235-990-112	--	Remote ISLU (RISLU)
■ 235-990-113	--	Maintenance Equipment
■ 235-990-114	--	Power Distribution
■ 235-990-115	--	Power Distribution for RSM
■ 235-990-116	--	5ESS Switch Equipped With 151C Power Plant
■ 235-990-117	--	5ESS Switch Equipped With 2000 Power Plant 6400 Amps
■ 235-990-118	--	5ESS Switch Equipped With 2000 Power Plant 400 Amps
■ 235-990-119	--	LINEAGE® 2000 System 25 Amp Power Rectifier
■ 235-990-120	--	LINEAGE 2000 System 50 Amp Power Rectifier

Number	Issue	Subject
■ 235-990-121	--	LINEAGE 2000 System 125 Amp Power Rectifier
■ 235-990-122	--	LINEAGE 2000 System 100 Amp Power Rectifier
■ 235-990-123	--	LINEAGE 2000 System 200 Amp Power Rectifier
■ 235-990-124	--	LINEAGE 2000 System 400 Amp Power Rectifier
■ 235-990-125	--	Floor Plan
■ 235-990-126	--	Communication Module 2 Compact (CM2C) Equipment
■ 235-990-127	--	Integrated Digital Carrier Unit (IDCU) Equipment
■ 235-990-135	--	Global Power Distribution Frame (GPDP)

Circuit Descriptions (CDs)

■ 235-990-200	--	Administrative Module (AM) Miscellaneous Equipment
■ 235-990-200A	--	3B21D AM Equipment
■ 235-990-200B	--	3B20D AM Equipment
■ 235-990-201	--	Miscellaneous Equipment Required for AM or RSM
■ 235-990-202	--	RMS Application Schematic
■ 235-990-203	--	Miscellaneous Equipment for Optically Remote Module (ORM)
■ 235-990-204	--	Communication Module 2 (CM2)
■ 235-990-205	--	Communication Module 1 (CM1)
■ 235-990-206	--	Common SM and Service Equipment
■ 235-990-207	--	Common SM Equipment (for RSM)
□■ 235-990-208	--	Line Peripheral Equipment
■ 235-990-209	--	Line Peripheral Equipment for Office With Integrated SLC® Carrier
■ 235-990-210	--	Trunk Peripheral Equipment
■ 235-990-211	--	Integrated Services Line Unit (ISLU) for Host OSPS, Host ISDN, & RSM-ISDN
■ 235-990-212	--	Remote ISLU (RISLU)
■ 235-990-213	--	Maintenance Equipment
■ 235-990-214	--	Power Distribution
■ 235-990-216	--	5ESS Switch Equipped With 151C Power Plant
■ 235-990-217	--	5ESS Switch Equipped With 2000 Power Plant 6400 Amps
■ 235-990-218	--	5ESS Switch Equipped With 2000 Power Plant 400 Amps

Number	Issue	Subject
■ 235-990-219	--	LINEAGE 2000 System 25 Amp Power Rectifier
■ 235-990-220	--	LINEAGE 2000 System 50 Amp Power Rectifier
■ 235-990-221	--	LINEAGE 2000 System 125 Amp Power Rectifier
■ 235-990-222	--	LINEAGE 2000 System 100 Amp Power Rectifier
■ 235-990-223	--	LINEAGE 2000 System 200 Amp Power Rectifier
■ 235-990-224	--	LINEAGE 2000 System 400 Amp Power Rectifier
■ 235-990-225	--	Floor Plan
■ 235-990-226	--	Communication Module 2 Compact (CM2C) Equipment
■ 235-990-227	--	Integrated Digital Carrier Unit (IDCU) Equipment

Circuit Pack Schematics (CPSs)

□■ 235-990-300	--	ORM
□■ 235-990-300M	--	ORM
□■ 235-990-301	--	AM and Miscellaneous Equipment
□■ 235-990-301M	--	AM and Miscellaneous Equipment
□■ 235-990-302	--	ISLU
□■ 235-990-302M	--	ISLU
□■ 235-990-303	--	CM2
□■ 235-990-303M	--	CM2
□■ 235-990-304	--	CM1
□■ 235-990-304M	--	CM1
□■ 235-990-305	--	Common SM and Service Equipment
□■ 235-990-305M	--	Common SM and Service Equipment
□■ 235-990-306	--	Common SM for RSM
□■ 235-990-306M	--	Common SM for RSM
□■ 235-990-307	--	Line Peripheral Equipment
□■ 235-990-307M	--	Line Peripheral Equipment
□■ 235-990-308	--	Line Peripheral Equipment if Office is Equipped With Integrated SLC Carrier
□■ 235-990-308M	--	Line Peripheral Equipment if Office is Equipped With Integrated SLC Carrier
□■ 235-990-309	--	Trunk Peripheral Equipment
□■ 235-990-309M	--	Trunk Peripheral Equipment

Number	Issue	Subject	Number	Issue	Subject
■ 235-990-310	--	Trunk Peripheral Equipment for RSM Umbilicals	■ 235-990-510	--	Maintenance Equipment
□ 235-990-310M	--	Trunk Peripheral Equipment for RSM Umbilicals	■ 235-990-511	--	151C Power Plant
□ 235-990-311	--	Maintenance Equipment	■ 235-990-512	--	LINEAGE 2000 System Power 6400 Amps
□ 235-990-311M	--	Maintenance Equipment	■ 235-990-513	--	LINEAGE 2000 System Power 400 Amps
□ 235-990-312M	--	IDCU [CPSM (Manufacturing CPS)]	■ 235-990-514	--	LINEAGE 2000 System 25 amp Power Rectifier
Equipment Drawings (EDs)			■ 235-990-515	--	LINEAGE 2000 System 50 amp Power Rectifier
■ 235-990-400	--	Administration Module (AM) Miscellaneous Equipment	■ 235-990-516	--	LINEAGE 2000 System 125 amp Power Rectifier
■ 235-990-400A	--	3B21D AM Equipment	■ 235-990-517	--	LINEAGE 2000 System 100 amp Power Rectifier
■ 235-990-400B	--	3B20D AM Equipment	■ 235-990-518	--	LINEAGE 2000 System 200 amp Power Rectifier
■ 235-990-401	--	Maintenance Equipment	■ 235-990-519	--	LINEAGE 2000 System 400 amp Power Rectifier
■ 235-990-402	--	Power Distribution	□ 235-990-520	--	5ESS Switch Software
■ 235-990-403	--	Miscellaneous Equipment for RSM	■ 235-990-521	--	Communication Module 2 Compact (CM2C) Equipment
■ 235-990-404	--	5ES Switch Cabling	■ 235-990-522	--	Integrated Digital Carrier Unit (IDCU) Cabling Drawings
■ 235-990-405	--	ISLU Cabling Drawings	■ 235-990-535	--	Global Power Distribution Frame (GPDF)
■ 235-990-406	--	Circuit Pack Compatibility Report	T-Drawings		
■ 235-990-407	--	Integrated Digital Carrier Unit (IDCU) Cabling Drawings	■ 235-990-600	--	151C Power Plant
■ 235-990-408	--	Line Peripheral Equipment	■ 235-990-601	--	LINEAGE 2000 System Power 2400 Amps
■ 235-990-435	--	Global Power Distribution Frame (GPDF)	■ 235-990-602	--	LINEAGE 2000 System Power Plt 400 Amps
J-Drawings			■ 235-990-603	--	LINEAGE 2000 System 25 amp Power Rectifier
■ 235-990-500	--	Equipment for ORM	■ 235-990-604	--	LINEAGE 2000 System 50 amp Power Rectifier
■ 235-990-501	--	Administrative Module (AM) Miscellaneous Equipment	■ 235-990-605	--	LINEAGE 2000 System 125 amp Power Rectifier
■ 235-990-501A	--	3B21D AM Equipment	■ 235-990-606	--	LINEAGE 2000 System 100 amp Power Rectifier
■ 235-990-501B	--	3B20D AM Equipment	■ 235-990-607	--	LINEAGE 2000 System 200 amp Power Rectifier
■ 235-990-502	--	Integrated Services Line Unit (ISLU) Equipment	■ 235-990-608	--	LINEAGE 2000 System 400 amp Power Rectifier
■ 235-990-503	--	Communication Module 2 (CM2) Equipment			
■ 235-990-504	--	Communication Module 1 (CM1) Equipment			
■ 235-990-505	--	Common SM and Service Equipment			
■ 235-990-506	--	Common SM for RSM Office			
■ 235-990-507	--	Line Peripheral Equipment			
■ 235-990-508	--	Line Peripheral Equipment for Office With Integrated SLC Carrier			
■ 235-990-509	--	Trunk Peripheral Equipment			

Number	Issue	Subject
235-995 Program Documents		
NOTE: See AT&T 235-410-220 for program listings for 5E8 and later software releases.		
5E2 Software Release		
■ 235-995-020	--	Program Guide, PG-5D006
■ 235-995-021	--	Program Record, PR-5DXXXX-YY
■ 235-995-022	--	Program Change, PC-5DXXXX-YY
■ 235-995-023	--	Supplemental Program Info., PK-5DXXXX-YY
■ 235-995-024	--	Program Guide PG-3T007, 1B.09
■ 235-995-025	--	Program Record, PR-3T007, 1B.09
■ 235-995-026	--	Supplemental Program Info., PK-3T007, 1B.09
5E3 Software Release		
■ 235-995-030	--	Program Guide, PG-5D007
■ 235-995-031	--	Program Record, PR-5DXXXX-YY
■ 235-995-032	--	Program Change, PC-5DXXXX-YY
■ 235-995-033	--	Supplemental Program Info., PK-5DXXXX-YY
■ 235-995-034	--	Program Guide, PG-3T007, 1B.20
■ 235-995-035	--	Program Record, PR-3T007, 1B.20
■ 235-995-036	--	Supplemental Program Info., PK-3T007, 1B.20
5E4 Software Release		
■ 235-995-040	--	Program Guide, PG-5D009
■ 235-995-041	--	Program Record, PR-5DXXXX-YY
■ 235-995-042	--	Program Change, PC-5DXXXX-YY
■ 235-995-043	--	Supplemental Program Info., PK-5DXXXX-YY
■ 235-995-044	--	Program Guide, PG-3T007, 1B.27
■ 235-995-045	--	Program Record, PR-3T007, 1B.27
■ 235-995-046	--	Supplemental Program Info., PK-3T007, 1B.27

Number	Issue	Subject
5E5 Software Release		
■ 235-995-050	--	Program Guide, PG-5D010
■ 235-995-051	--	Program Record, PR-5DXXXX-YY
■ 235-995-052	--	Program Change, PC-5DXXXX-YY
■ 235-995-053	--	Supplemental Program Info., PK-5DXXXX-YY
■ 235-995-054	--	Program Guide, PG-3T008, 6B.00
■ 235-995-055	--	Program Record, PR-2T008, 6B.00
■ 235-995-056	--	Supplemental Program Info., PK-3T008, 6B.00
5E6 Software Release		
■ 235-995-060	--	Program Guide
■ 235-995-061	--	Program Record, PR-5DXXXX-YY
■ 235-995-062	--	Program Changes
■ 235-995-063	--	Supplemental Program Info., PK-5DXXXX-YY
■ 235-995-064	--	Program Guide, PG-3T009, 6C.00 5E6
■ 235-995-065	--	Program Record, PR-3T009, 6C.00
■ 235-995-066	--	Supplemental Program Info., PK-3T009, 6C.00
5E7 Software Release		
■ 235-995-070	--	Program Guide PG5D013
■ 235-995-071	--	Program List PR5D013
■ 235-995-073	--	Supplemental Program PK5D013
■ 235-995-074	--	Program Guide PG3T008
■ 235-995-075	--	Program Record PG3T008
■ 235-995-076	--	Supplemental Program
5E8 Software Release		
■ 235-995-080	--	5ESS Program Guide PG5D014
■ 235-995-081	--	5ESS Program List PR5D014
■ 235-995-083	--	5ESS Supplement Program PK5D014
■ 235-995-084	--	Program Guide PG3T008

Division 240**No. 101 Electronic Switching System****240-0 Index****240-1 Common to 101 Switch Unit and Control Unit****240-2 101 Switch Units****240-3 101 Control Unit**

Number	Issue	Subject
240-0 Index		
240-000-000	11	Numerical Index — Division 240 — No. 101 Electronic Switching System
240-001-011	2	Equipment Test List — No. 101 ESS™ Switch
240-001-012	1	Equipment Test List — 1A Switch Unit
240-001-013	1	Equipment Test List — 2A Switch Unit
240-001-014	1	Equipment Test List — 3A and 4A Switch Units
240-020-510	1	Controlled Maintenance Plan
240-020-520	1	Portable Maintenance Equipment Cords, Tools, and Materials

240-1 Common to 101 Switch Unit and Control Unit

❶	240-100-001	1	Business Services Engineering — Introduction
❶	240-100-002	1	Business Services Engineering — Satellite Operation
❶	240-100-003	1	Business Services Engineering — Service Features
❶	240-100-004	1	Business Services Engineering — Central Office Considerations
❶	240-100-005	1	Business Services Engineering — Recommended Interdepartmental procedures
❶	240-100-006	1	Business Services Engineering — Operational Guidelines

Number	Issue	Subject
❶ 240-100-007	1	Traffic Measurement Program — Business Services Traffic Engineering — Dial PBX Systems-Electronic
❶ 240-100-010	1	Business Services Traffic Administration — Dial PBX Systems-Electronic
240-100-101	4	Switching Plan and Control Principles — Description of System Operation
240-101-101	1	200-Line — Description of System Operation
240-101-102	2	2A — Description of System Operation
Addendum	1	
240-101-103	2	3A — Description of System Operation
240-101-104	4	4A — Description of System Operation
240-102-101	3	Data Transmission — Description of System Operation
240-103-101	2	Digit Reception at Control Unit — Description of System Operation
240-104-101	1	Control Unit Stores — Description of System Operation
240-105-101	2	Data, Digit, and Sender Controls — Description of System Operation
■ 240-106-101	2	Call Processor — Description of System Operation
Addendum	2	
240-107-101	3	Central Office and Tie Trunk Circuits — Description of System Operation
240-108-101	3	Maintenance Circuits — Description of System Operation
■ 240-109-101	2	Call Programs — Description of System Operations
240-110-101	3	Maintenance Programs — Description of System Operations
Addendum	1	
240-120-110	1	Program Store — Administration
240-125-121	3	24-Hour Maintenance Printout
Addendum	1	
240-125-122	1	Direct Access Direct Inward Dialing — Printout Analysis
240-125-123	1	Analysis of Miscellaneous — Maintenance Printouts

Number	Issue	Subject	Number	Issue	Subject
240-2 101 Switch Units					
● 240-200-001	1	Business Services Engineering	240-229-501	2	J1H011A — Clock Circuit — Tests Using 124A Test Set SD-1H070-01
Addendum	1		240-230-501	2	J1H011A — Switch Store Circuit — Tests Using 124A Test Set SD-1H070-01
240-200-301	1	Attendant and Station Equipment — Switched-Loop Method of Operation	240-231-501	2	J1H011A — Ring-Ringback Logic Circuit — Tests Using 124A Test Set SD-1H070-01
240-200-501	2	Switch Unit Periodic Maintenance Routine	240-232-501	2	J1H011A — Line Number Translator Circuit — Tests Using 124A Test Set SD-1H070-01
240-200-502	2	Switch Unit Maintenance — Retry Printout Analysis	240-233-501	2	J1H011A — Attendant Number Translator Circuit — Tests Using 124A Test Set SD-1H070-01
240-200-503	1	Trouble Locating Procedures Required When Circuit Pack Replacement Fails To Restore 2A and 3A Switch Units To Proper Operation Using 131A Test Set	240-234-501	2	J1H011A — Attendant Circuit — Tests Using 124A Test Set SD-1H070-01
240-201 1A Switch Unit			240-235-501	2	J1H011A — Transfer and Alarms Circuit — Tests Using 124A Test Set SD-1H070-01
240-201-201	2	J1H011A — Identification and Installation	240-236-501	2	J1H011A — Test Line Circuit — Tests Using 124A Test Set SD-1H070-01
240-202-201	2	J1H011A — Connections	240-237-501	2	J1H011A — Bus Clamp and Interbus Switch Circuit — Tests Using 124A Test Set SD-1H070-01
240-204-201	2	J1H011A — Attendant Equipment 1-Type Telephone Console — Connections	240-238-501	2	J1H011A — Tone Generators Circuit — Tests Using 124A Test Set SD-1H070-01
240-204-202	1	J1H011A — Attendant Equipment Attendant Direct Station Selection — Installation and Connection	240-239-501	2	J1H011A — Scanner Circuit — Tests Using 124A Test Set SD-1H070-01
240-207-201	2	Miscellaneous Equipment (4-Wire Trunk Circuit, Attendant Conference or Conference Calling Circuit, 3A Code Call Unit Trunk, Paging Trunk, Recorded Telephone Dictation Trunk, DID Answering Machine Circuit, Transmission Test Line Circuit, and Additional Power Failure Station Circuits) Identification, Installation, and Connections	240-240-501	2	J1H011A — Data Transmitter Circuit — Tests Using 124A Test Set SD-1H070-01
240-208-201	1	Service Options — Method of Providing	240-245 2A Switch Unit		
240-209-201	1	J1H011A — Tests and Inspections at Time of Installation	Addendum	2	
240-226-501	3	J1H011A — Manual Tests	240-245-201	5	Identification, Installation, Connections, and Service Options
240-226-502	1	Leakage Test of 443A (PNPN) Diodes	240-245-203	4	Connections From Switch Unit Frames to Locally Provided Distributing Frame
240-227-501	2	J1H011A — Data Receiver Circuit — Tests Using 124A Test Set SD-1H070-01	240-246-202	3	Attendant Equipment — Attendant Direct Station Selection — Installation and Connection
240-228-501	2	J1H011A — Data Distributor Circuit — Tests Using 124A Test Set SD-1H070-01	240-248-201	3	2A — Miscellaneous Equipment — Identification, Installation, and Connections

Number	Issue	Subject	Number	Issue	Subject
240-249-201	5	Tests and Inspections at Time of Installation	240-255 3A Switch Unit		
240-250-301	4	General Guide to Trouble Analysis	Addendum	1	
240-250-302	2	131A Test Set	240-255-201	5	Identification, Installation, Connections, and Service Options
240-251-501	2	Manual Tests	240-255-202	2	Connections From Switch Unit Frames to Locally Provided Distributing Frame and for Attendant Telephone Consoles
240-252-501	1	Attendant Equipment — Attendant Direct Station Selection — Operation Test	240-255-204	1	Installation and Connection of J1H013E Frame to an Operating Switch Unit
240-253-501	4	Trouble Locating Procedure for Failure Cured by Grand Slam Using 131A Test Set	240-256-202	3	Attendant Equipment — Attendant Direct Station Selection — Installation and Connection
240-253-502	3	Trouble Locating Procedure for Failures Resulting in a Scanner Switch Using 131A Test Set	240-258-201	3	Miscellaneous Equipment — Identification, Installation, and Connections
240-253-503	4	Trouble Locating Procedure for Failure Detected by Time Division Control Disable Using 131A Test Set	240-259-201	4	Tests and Inspections at Time of Installation
240-253-504	3	Trouble Locating Procedure for Failure Detected by a Bounce Test	240-260-301	5	General Guide to Trouble Analysis
240-253-505	3	Trouble Locating Procedure for Failure Detected by a Force Off-Hook Test	240-260-302	2	131A Test Set — Application for 3A Switch Unit Testing
240-253-506	3	Trouble Locating Procedure for Failure Detected by a Group Translator Test Using 131A Test Set	Addendum	1	
240-253-507	3	Trouble Location Procedures for Failure Detected by an Immediate or Interrupted Ring Test	240-261-501	3	Manual Tests
240-253-508	3	2A — Trouble Locating Procedure for Failure Detected by a Transmission Test	240-262-501	1	Attendant Equipment — Attendant Direct Station Selection — Operation Test
240-253-509	3	Trouble Locating Procedure for Failure of Attendant Circuit — Using 131A Test Set	240-263-501	4	3A and 4A — Trouble Locating Procedure for Failure Cured by Grand Slam Using 131A Test Set
240-253-510	2	Trouble Locating Procedure for Failures Detected During 24-Hour Maintenance Using 131A Test Set	240-263-502	4	3A and 4A — Trouble-Locating Procedure for Failure Resulting in Scanner Switch Using 131A Test Set SD-1H119-01
240-253-511	3	Trouble Locating Procedure for Failure Detected by an Inter-group Switch Test Using 131A Test Set	240-263-504	3	3A or 4A — Trouble Locating Procedure for Failure Detected by a Bounce Test
240-253-512	3	Trouble Locating Procedure for Failure Detected by a Digit Trunk Test Using 131A Test Set	240-263-505	3	3A and 4A — Trouble Locating Procedure for Failure Detected by Force Off-Hook Test
			240-263-506	3	3A or 4A — Trouble Locating Procedure for Failure Detected by a Group Translator Test
			240-263-507	4	3A and 4A — Trouble-Locating Procedure for Failure Detected by an Immediate or Interrupted Ring Test Using 131A Test Set
			240-263-508	4	3A or 4A — Trouble Locating Procedure for Failure Detected by Transmission Test

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240-263-509	4	3A or 4A — Trouble-Locating Procedure for Failure of Attendant Circuit Using 131A Test Set	240-315-801	1	2A Card Writing Unit SD-1H063 — Piece- Part Data and Replacement Procedures
240-263-510	4	3A and 4A — Trouble-Locating Procedure for Failures Detected During 24-Hour Maintenance Using 131A Test Set	240-320-501	1	Manual Maintenance Routine
240-263-511	3	Trouble Locating Procedure for Failure Detected by an Inter-group Switch Test Using 131A Test Set	240-321-501	5	Maintenance Center On-Line Timers — Test of Redundant Circuits
Addendum	1		240-323-501	6	Maintenance Center Lockout Relays — Test of Redundant Circuits
240-263-512	4	3A and 4A — Trouble Locating Procedure for Failure Detected by Digit Trunk Test — Using 131A Test Set	240-325-501	4	Maintenance Center Alarm Circuit — Test of Redundant Circuits
240-263-513	3	3A and 4A — Trouble-Locating Procedure for Failures Detected by the Synch Test Using 131A Test Set SD-1H119-01	240-327-501	3	Maintenance Center Data Control Transfer Circuit — Test of Power Diodes
240-265 4A Switch Unit			240-341-501	3	Twistor Store — Conditioning Procedure
240-265-201	3	Identification, Installation, Connections and Service Options	240-342-501	1	Twistor Store Failures — Test of Readout Loop
240-269-201	1	Tests and Inspections at Time of Installation	240-343-501	2	Control Unit Clock — Manual Test
240-270-101	2	Audit Procedure	240-345-501	3	Call Store — Marginal Test
240-270-301	3	General Guide to Trouble Analysis	Addendum	1	
240-271-501	1	Manual Tests	240-347-501	5	Program Store — Marginal Test
240-3 101 Control Unit			240-349-501	5	Line Information Store — Marginal Test
240-300-001	1	Business Services Engineering	240-351-301	2	Control Unit — Power Failure — Alarms and Procedures
240-300-301	5	Emergency Action Procedures	240-351-501	3	Control Unit Data Link Transfer Circuit — Test of Power Diodes
240-300-302	3	Night Coverage Procedure	240-353-501	3	Control Unit Data Transmitter — Test of the Power Diodes
240-313-301	1	Trunk Control Frame Cross Connections	240-355-301	2	Test Point Comparator Circuit SD-1H059 — Method of Operation
240-314-010	1	Procedure for Preparing Form E-5130-9 — Program Store Administrative Data	240-355-501	3	Test Point Comparator Circuit SD-1H059-01 — Tests
240-315-301	3	Twistor Store Cards — Method of Encoding and Procedure for Verification			
240-315-701	2	2-Type Card Writing Unit — Requirements and Adjusting Procedures — Piece-Part Data and Replacement Procedures			

Division 241**General Trade Switching System****241-0 Indexes and Administrative Practices****241-1 DMS-10 Exchange Switching System**

Number	Issue	Subject
241-0 Indexes and Administrative Practices		
241-000-000	5	Numerical Index — Division 241 — General Trade Switching System
241-1 DMS-10 Exchange Switching System		
241-120-010	1	Manual Office Records — Completion Procedures — Network Administration — Digital Multiplex System-10*
241-120-011	1	Line and Number Administration — Overview — Network Administration — Digital Multiplex System-10
241-120-020	1	Translations — Network Administration Center Responsibilities — Network Administration — Digital Multiplex System-10

Number	Issue	Subject
241-120-030	1	Data Modification Operations — Methods, Procedures, and Interfaces — Network Administration — Digital Multiplex System-10
241-120-040	1	Data Management — Network Administration — Digital Multiplex System-10
241-120-050	1	Service Analysis — Guidelines and Procedures — Network Administration — Digital Multiplex System-10
241-120-060	1	Machine Capacity Management — General Description — Network Administration — Digital Multiplex System-10
241-140-005	1	Network Switching Performance Measurement Plan — Description — Network Switched Services
241-140-100	1	Routine Procedures — Digital Multiplex System-10

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Division 250**Operator and Traffic Service Position Systems****250-0 Indexes, Equipment Test Lists, and Documents
Common to Traffic Service Systems****-000 Indexes****-001 Equipment Test Lists****-020/030 Documents Common to Traffic Service Systems****250-1 Traffic Service Position System No. 1****-100/127 Miscellaneous Features****-131 Station Signaling and Announcement Subsystem****-132 Common Channel Interoffice Signaling****-142 Remote Trunk Arrangement and Position Subsystem No. 2 Features****-145 Remote Trunk Arrangement Feature****-146 Position Subsystem No. 2 Feature — 100C Traffic Service Position Section and Associated Equipment****-190 Miscellaneous Features****250-2 Traffic Service Position System No. 1B****250-4 Automatic Intercept System****250-5 OSPS (Operator Services Position System)****-500 General and Administrative****-505 Installation, Growth/Degrowth, and Maintenance Procedures****-518 Recent Change (from the OAP)****-520 Operator's Guides****-570 Administration****-590 Features****250-6 OSPS Automated Operator Services****-600 Automated Position****250-8 OSPS Training Documents****-800 Training Documents****250-9 Interface Specifications and Tests****-900 OSPS Interface Specifications****-901/922 Miscellaneous Equipment Tests**

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250-0 Indexes, Equipment Test Lists, and Documents Common to Traffic Service Systems		
250-000 Indexes		
250-000-000	86	Numerical Index — Division 250 — Traffic Service Systems (5-95)
250-000-005	1	Interdivisional Numeric Index — No. 1/1B
250-001 Equipment Test Lists		
250-001-015	6	Automatic Intercept System — Operator Services
250-020/030 Documents Common to Traffic Service Systems		
250-020-005	4	Network Performance Measurement Plan — Network Switched Services — Description
250-020-006	1	Network Performance Measurement Plan — Network Switched Services — Integrity Review
250-020-515	1	Software Reliability and Administration Magnetic Tapes — Network Switched Services
250-020-520	1	Portable Maintenance Equipment — Cords, Tools, and Material
250-020-521	1	Portable Maintenance Equipment — Cords, Tools, and Material — Automatic Intercept System
250-030-101	1	File Access Subsystem-1 (SD-1B264-01) — Description
250-030-102	1	File Access Subsystem — Administrative Data Link and Interface — Description
250-030-103	3	No. 2 Data Base Administration System (SD-1B307-01) (DBAS-2) — Description
Addendum	1	
250-030-301	1	Automatic Intercept Center (AIC) Data Link — No. 1 Data Base Administration System (SD-1B264-01) (DBAS-1) — Description, Diagnostic and Trouble Locating

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Addendum	1		250-1 Traffic Service Position System No. 1		
250-030-302	1	Automatic Intercept Center (AIC) Data Link — DBAS-2 — Description, Diagnostics and Trouble Locating	250-4 Automatic Intercept System		
250-030-303	1	DBAS-2 Generic 2F1 — Emergency Action Procedures	250-400-005	1	Network Performance Measurement Plan — Description
250-030-304	1	File Access Subsystem-2 (SD-1B307-01) (FAS-2) Generic 2F1 — System Initialization and Acceptance Procedures	250-400-101	3	Automatic Intercept Center No. 1A — Description
250-030-305	1	FAS-2 Generic 2F1 — Operating Procedures	Addendum	1	
250-030-306	1	DBAS-2 Generic 2F1 — Operating Procedures — RT02 Clerk Work Station	250-401-101	4	Centralized Intercept Bureau No. 1A — Description
250-030-307	1	DBAS-2 Generic 2F1 — Cathode-Ray Tube (CRT) Terminal — Operating Procedures	250-402-501	1	Trunk Transmission Tests From an Automatic Intercept Center No. 1A
250-030-313	1	DBAS-2 Generic 2DB3.1 — Emergency Action Procedures	250-402-502	3	Trunk and Position Transmission Tests — Auxiliary Service Positions 3A, 3B Centralized Intercept Bureau
250-030-314	1	DBAS-2 Generic 2DB3.1 — System Initializations and Acceptance Procedures	250-402-503	1	Trunk and Position Transmission Tests — Auxiliary Service Positions 3A, 3B Centralized Intercept Bureau Arranged With Unified Telephone Circuit
250-030-315	1	DBAS-2 Generic 2DB3.1 — Control Programs — Operating Procedures	250-403-101	1	Trunk Test Circuit — Description
250-030-316	1	DBAS-2 Generic 2DB3.1 — Clerk Input Programs — Operating Procedures	250-404-101	2	File Subsystem-1 (SD-1B171) — Automatic Intercept Center No. 1A — Description
250-030-317	1	DBAS-2 Generic 2DB3.1 — Administrative Programs — Operating Procedures	■ 250-404-102	1	File Subsystem No. 2 — Automatic Intercept Center No. 1A — Description
250-030-318	1	DBAS-2 — Peripheral Equipment — Operating Procedures	250-404-301	2	Procedures for Administering the Number Storage Files From Facilities Provided at an Automatic Intercept Center No. 1A
250-030-319	1	DBAS-2 Generic 2DB3.1 — Automatic Intercept System Update Program — Operating Procedures	Addendum	3	
250-030-320	1	DBAS-2 Generic 2DB3.1 — System Control (ROOT) Programs — Operating Procedures	250-404-303	1	File Subsystem No. 2 — Automatic Intercept Center No. 1A — Diagnostic and Maintenance Procedures
250-030-323	1	DBAS-2 Generic 2DB3.2 — Emergency Action Procedures	250-405-301	4	Automatic Intercept Center No. 1A — General Maintenance Procedures
250-030-324	1	DBAS-2 Generic 2DB3.2 — System Initialization and Acceptance Procedures	250-406-301	3	Automatic Intercept Center No. 1A — Procedures for Administering the Nongeneric Parameters
			250-407-301	3	Maintenance and Administration Center — Control and Display Panels SD-2H009-01 — Automatic Intercept Center No. 1A — Method of Operation
			250-408-101	3	Teletypewriter Facility — Automatic Intercept Center No. 1A — Description

Number	Issue	Subject	Number	Issue	Subject
250-408-301	2	Automatic Intercept Center No. 1A — Teletypewriter Operating Procedures	250-418-502	1	Trunk and Position Transmission Tests — Auxiliary Service Position 4A Operator Number Identification Arranged With Unified Telephone Circuit
250-409-101	3	Control Complex Description — Automatic Intercept Center No. 1A	250-419-501	1	Data Link Circuit and Lamp Signal Cabinet — Test Procedures
250-410-101	1	KS-19725 Announcement System (SD- 1B174-01) — Automatic Intercept Center No. 1A — Description	250-420-101	3	Call Processing — Description
250-410-501	3	KS-19725 Announcement System — Transmission Test and Adjustment — Automatic Intercept Center No. 1A	250-421-501	3	Acceptance Tests and Periodic Evaluation Procedures — Automatic Intercept Center No. 1/Centralized Intercept Bureau
250-410-701	3	KS-19728 Reproducer — Requirements and Adjusting Procedures	Addendum	1	
250-410-801	2	KS-19728 Reproducer — Piece-Part Data and Replacement Procedures	250-422-301	3	Automatic Intercept Center No. 1A — Broadcast Warning Message Updates to Program Store Using the 2-Type Card Writer
250-411-301	1	Procedure for Recording on the Special Announcement Circuit SD-95283	250-422-501	1	Program Store Margin Tests
Addendum	2		250-422-801	1	Program Store Memory Module Removal and Replacement Procedure
250-412-301	2	Emergency Action Procedures — Automatic Intercept Center No. 1A	250-423-501	2	Call Store SD-2H005 Margin Tests — No. 1A
Addendum	1		250-423-801	1	Call Store Module Removal and Replacement Procedure
250-413-701	1	KS-20512 Disc File — Requirements and Adjusting Procedures	250-425-501	1	Procedures for Conversion of Home Automatic Intercept Center to Remote Automatic Intercept Center
250-413-801	1	KS-20512 Disc File — Piece-Part Data and Replacement Procedures	250-426-501	1	Auxiliary Service Position — 3A, 3B Operational Tests — Centralized Intercept Bureau
250-413-802	2	KS-20512 Disc File — Removal and Installation Procedures	250-427-501	1	Auxiliary Service Position 4A — Operator Number Identification — Position Diagnostic and Maintenance Procedures
Addendum	1		250-429-701	1	2-Type Card Writing Unit — Requirements and Adjusting Procedures — Automatic Intercept Center No. 1A — Piece-Part Data and Replacement Procedures
250-414-301	4	Procedures for Removal and Restoral of Equipment	250-430-501	3	Common Systems Recorded Announcement Frame — Transmission Output Level Adjustment — Automatic Intercept Center No. 1A
Addendum	2				
250-415-501	3	Office Alarm Tests			
250-416-101	2	Trunk Switching Network — Description — Automatic Intercept Center — No. 1A			
250-417-101	2	Master Scanner — Description — Automatic Intercept Center No. 1A			
250-418-501	2	Trunk and Position Transmission Tests — Auxiliary Service Position 4A Without Unified Telephone Circuit Operator Number Identification			

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250-5 OSPS (Operator Services Position System)					
250-500 General And Administrative					
Description					
Ⓐ250-500-100	6.01	General Description — 5E8 Software Release IV	■ 250-506-010	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation RTRS Growth Procedures (4-95)
250-505 Growth/Degrowth, and Maintenance Procedures			■ 250-506-011	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation HOBIS Growth Procedures (4-95)
250-505-100	2.01	Description and Procedures 5E4 (2 Vols)	■ 250-506-012	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation HOBICV Printer Growth Procedures (4-95)
Ⓐ250-505-110	1.01	Maintenance and Growth 5E5	■ 250-506-013	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Autoquote Datalinks and Printers Growth Procedures (4-95)
Ⓐ250-505-111	2.00	Maintenance and Growth 5E6	■ 250-506-014	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Automated Multi-Leaf Bulletin (AMLB) Growth Procedures (4-95)
250-505-112	2.00	Operator Maintenance and Growth 5E7 Software Release	■ 250-506-015	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation BST Growth Procedures (4-95)
250-506 Installation Procedures			■ 250-506-016	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation VDT Growth Procedures (4-95)
Growth			■ 250-506-017	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OAP Growth Procedures (4-95)
■ 250-506-001	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OAP-2 Growth Procedures (3-95)	■ 250-506-018	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation AP Cluster Growth Procedures (4-95)
■ 250-506-002	1	5ESS Switch and 5ESS-2000 Switch OSPS Installation AABS-AP / VRCP Cluster Growth Procedures for CSG (3-95)	Degrowth		
■ 250-506-003	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation APS Unit Growth Procedures for CSG (3-95)	■ 250-506-101	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OAP-2 Degrowth Procedures (4-95)
■ 250-506-004	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation APS Unit Growth Procedures (3-95)	■ 250-506-103	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation APS Unit Degrowth Procedures (4-95)
■ 250-506-005	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Cluster Growth Procedures (3-95)	■ 250-506-104	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation MDSC Degrowth Procedures (VRCP Only) (4-95)
■ 250-506-006	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation DASC Growth Procedures (4-95)	■ 250-506-105	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation CST Degrowth Procedures (4-95)
■ 250-506-007	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OTR Processor Interface Growth Procedures (4-95)	■ 250-506-106	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation DASC Degrowth Procedures (4-95)
■ 250-506-008	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OTR Growth Procedures (4-95)			
■ 250-506-009	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Security Terminal and Printer Growth (4-95)			

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■ 250-506-107	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OTR Processor Interface Degrowth Procedures (4-95)
■ 250-506-108	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OTR Printer Degrowth Procedures (4-95)
■ 250-506-109	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Security Terminal and Printer Degrowth Procedures (4-95)
■ 250-506-110	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation RTRS Degrowth Procedures (4-95)
■ 250-506-111	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation HOBIS Degrowth Procedures (4-95)
■ 250-506-112	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation HOBIC Degrowth Procedures (4-95)
■ 250-506-113	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Autoquote Degrowth Procedures (4-95)
■ 250-506-114	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Automated Multi-Leaf Bulletin Degrowth Procedures (4-95)
■ 250-506-115	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation BST Degrowth Procedures (4-95)
■ 250-506-116	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation VDT Degrowth Procedures (4-95)
■ 250-506-117	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OAP Degrowth Procedures (4-95)
Tests		
■ 250-506-200	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OAP Test Procedures (4-95)
Troubleshooting		
■ 250-506-300	8-94	5ESS Switch and 5ESS-2000 Switch OSPS Installation Data Link Troubleshooting Procedures (4-95)

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250-518 Recent Change (from the OAP)		
Ⓢ250-518-100	1.01	Recent Change 5E5
Ⓢ250-518-111	2.00	Recent Change 5E6
Ⓢ250-518-112	2.01	OSPS 5E7 Software Release (6-92)
Ⓢ250-518-113	2.00	OSPS Recent Change 5E8 Software Release (7-92)
250-520 Operator's Guides		
Ⓢ250-520-100	4.00	Directory Assistance Operator's Guide (4-92)
■ Ⓢ250-520-105	6.00	Toll and Assistance Video Display Terminal Description and Operation (6-94)
Ⓢ250-520-110	4.00	Combined Services Terminal Description and Operation (6-94)
Ⓢ250-520-112	1.01	Operator Services Position System
250-570 Administration		
Ⓢ250-570-100	1.02	Administrative Guidelines 5E5
Ⓢ250-570-111	1.03	Administrative Guidelines 5E6
■ 250-570-112	1.00	OSPS 5E7 Release — Administrative Guidelines
250-570-113	1.00	OSPS 5E8 Software Release Administrative Guide (7-92)
250-570-113J1	1.00	OSPS 5E8 Software Release Administrative Processor Error Messages — Job Aid (7-92)
250-570-114	2.00	5ESS Switch OSPS 5E9 Software Release Administrative Guidelines (8-94)
250-570-114J1	2.00	5ESS-2000 Switch OSPS Administrative Processor 5E9(2) Software Release Error Messages
250-570-114J2	2.00	5ESS Switch OSPS Administrative Processor 5E9 Software Release Maintenance and Growth Procedures (8-94)
250-590 Special Features		
250-590-000	1.00	Operator Services Position System Features (5-92)
■ 250-590-027	1.00	OSPS Originating Line Screening Expansion

Number	Issue	Subject	Number	Issue	Subject
■ 250-590-030	1.00	OSPS Inclusion 10+4 Cards in Card Recognition Tables— Special Feature 98-5E-0425	250-590-224	1.00	Operator Services Position System — Terminating Code Screening, Release 3 (98-5E-0405) — Feature Description (5-92)
250-590-031	1.00	Automated Sequence Dialing Following Operator Release Special Feature 98-5E-0427 (4-92) OSPS Improved Automated Position Call Selection — Special Feature 98-5E-0430 (4-92)	250-590-225	1.00	OSPS 900 Services (98-5E-0397) Feature Description (5-92)
■ 250-590-034	1.00	OSPS Mechanical Usage Data OAP	250-590-226	1.00	OSPS Differentiation of Card Service Charges (98-5E-0399) Feature Description (5-92)
■ 250-590-035	1.00	OSPS Mechanical Usage Data OAP	250-590-227	1.00	OSPS Enhanced Cut-Through for Cards Not Honored (98-5E-0406) Feature Description (5-92)
250-590-036	1.00	Operator Services Position System — Interworking with SSP 800 (98-5E-0446) — Feature Description (8-93)	250-590-228	1.00	OSPS Purchase Limit (98-5E-0403) Feature Description (5-92)
250-590-048	1.00	More Efficiency Call Handling Zip Tone Special Feature 98-5E-2034 (7-92)	250-590-229	1.00	VMS Interface Release 4 (98-5E-0401) Feature Description (5-92)
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250-590-221	1.00	OSPS Inward Validation Identification (98-5E-0404) Feature Description (5-92)	250-590-249	1.00	Operator Services Position System — DA Custom Branding (98-5E-2056) — Feature Description (8-93)
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Ⓢ250-590-302	1.00	5ESS Switch and 5ESS-2000 Switch Operator Services Position System — Calling Card Screening (98-5E-2507) — Feature Description (6-94)
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■Ⓢ250-590-304	1.00	5ESS Switch and 5ESS-2000 Switch Operator Services Position System — Locality by ANI/Double Announcement (98-5E-2068) Feature Description (8-94)
■Ⓢ250-590-305	1.00	5ESS Switch and 5ESS-2000 Switch Operator Services Position System — LIDB Recognition of PSDI (98-5E-2090) Feature Description (8-94)
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Ⓢ250-590-307	1	5ESS Switch and 5ESS-2000 Switch OSPS FGD Direct Connect Incoming Signaling (98-5E-2480) Feature Description (9-94)
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■ 250-600-501	4.00	5ESS Switch and 5ESS-2000 Switch Operator Services Position System — Automated Position — Administration, Reporting, Recent Change, and Software Maintenance for CSG (4-95)
■ 250-600-502	4.00	5ESS Switch and 5ESS-2000 Switch Operator Services Position System — Automated Position — Configuration and Equipment Maintenance for CSG (4-95)
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■ 250-600-504	2.00	5ESS Switch and 5ESS-2000 Switch Operator Services Position System — Automated Position — VRCP Application for CSG (4-95)
■ 250-600-505	1.00	5ESS Switch and 5ESS-2000 Switch Operator Services Position System — Automated Position — SDAP Application for CSG (4-95)
■ 250-600-506	1.00	5ESS Switch and 5ESS-2000 Switch Operator Services Position System — Base and Utilities Application for CSG (4-95)
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250-900-520	3.00	OSPS Force Management System Interface Specification (6-94)
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250-901-504	6	Trunk and Position Transmission Tests — Using Test Set SD-99382-01 — Auxiliary Service Positions (ASP) — No. 1A, 2A, 2B, 2C, 5B1, or 5C1
250-902-501	1	Operator Position Control Circuit SD-27988-01 — Operator Telephone Set and Jack Circuit — SD-1B131-01 (5B2 or 5C2 Auxiliary Service Positions) — Tests Using Test Circuit SD-28039-01 — No. 5 Crossbar System for Automatic Call Distribution
250-902-502	1	Service Assistant Console Control SD-27989-01 and Service Assistant Console Circuit — SD-1B132-01 for No. 5 Crossbar — Automatic Call Distribution — Tests
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250-902-503	1	No. 5 Crossbar Automatic Call Distribution Phase II — Auxiliary Service Position No. 5B2 or 5C2 — Transmission Tests
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❶ 252-060-200	1	No. 1 Portable Traffic Usage Recorder
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❶	252-060-270	1	Traffic Register Camera
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❶	252-100-111	1	Electronic Dial Tone Speed Register Unit — General Description
	252-100-301	4	Electronic Dial Tone Speed Register (EDTSR) — Tests and Trouble Locating Procedures
	Addendum	1	
	252-101-501	4	Dial Tone Speed Register and Dial Tone Speed Indicating Circuits — Tests
	252-102-501	2	Administration Cabinet Circuit SD-99400-01 — Tests
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	252-112-301	2	Traffic Data Converter SD-95968-01 — Method of Locating Trouble — No. 1A
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Traffic Data Recording and Measuring

	252-120-301	2	No. 3B Traffic Usage Recorder Circuit — Method of Locating Trouble
	252-120-501	3	3B Traffic Usage Recorder SD-99359-01 — Miscellaneous Tests
	252-120-502	2	3B Traffic Usage Recorder (TUR) SD-99359-01 — Tests — Using TUR Connection Verifier Test Set H-400-430

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252-121-501	1	No. 1 Portable Traffic Usage Recorder — SD-96494-01 — Miscellaneous Tests	252-129-302	1	Traffic Measurement System No. 1A — KS-20191 Central Control Unit — Trouble Locating
● 252-122-105	1	4A Traffic Usage Recorder — General Description	252-129-501	3	Central Control Unit KS-20191 — Tests — Traffic Measurement System No. 1A
252-122-301	2	Traffic Usage Recorder SD-95738-01 — Cross-Connection and Assignment Data Forms	252-129-502	1	Remote Scanner and Encoder (Portable) SD-3B200-01 — Tests — Traffic Measurement System No. 1A
252-122-302	1	4A Traffic Usage Recorder Circuit — Method of Locating Trouble	252-129-503	1	Remote Scanner, Encoder, and Transmitter (Frame Mounted) SD-3B201-01 — Tests — Traffic Measurement System No. 1A
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252-122-501	5	Traffic Usage Recorder (TUR) SD-95738-01 and Optional Auxiliary Scanner Unit (Fast Scan Unit) — Tests	252-131-502	2	Answering Time Recorder — Relay Rack Type — SD-96001-01, SD-96100-01, and SD-96235-01 — Test
252-122-502	4	No. 4A Traffic Usage Recorder (TUR) SD-95738-01 and Auxiliary Scanner Unit (Fast Scan Unit) — Continuity Checks, Verification of Assignments, and Checks of Cross-Connections	252-131-503	2	Answering Time Recorder — SD-96235-01, SD-96192-01, or SD-96001-01 — Portable or Relay Rack Type — Tests
252-122-503	5	No. 4A Traffic Usage Recorder (TUR) SD-95738-01 — Performance Tests	252-131-504	2	Answering Time Recorder — SD-96176-01 or SD-96011-01 Used with Multi-Line Service Observing Circuits — Tests
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252-124-301	2	TUR Connection Verifier Test Set H-400-430 — Method of Operation	252-131-506	2	Answering Time Recorder — SD-96275-01, SD-96175-01, or SD-96070-01 — Portable Type — Tests
252-124-302	1	TUR Connection Verifier Test Set H-400-430 — Performance of Assigned Functions and Circuit Pack Replacement and Adjustment Procedures	252-131-507	2	Answering Time Recorder SD-96532-01 Equipped with Traffic Weighting Applique Portable Type Modified for Relay Rack Mounting — Tests
252-125-501	2	2A Concentrator Traffic Usage Recorder (CTUR) — 3A Small Traffic Usage Recorder (STUR) — Miscellaneous Tests	252-132-301	2	No. 1B SD-90264-01 and No. 1C SD-96114-01 — Holding Time Recorders — Operating Methods
252-126-301	1	Measurement of Trunk Usage Using Traffic Measuring Set, Type "A" — RS-14719	252-132-501	3	No. 1B SD-90264-01 and No. 1C SD-96114-01 — Holding Time Recorders — Tests
252-127-301	1	Measurement of Trunk Usage Using Traffic Measuring Set, Type "B" — RS-14723			
252-129-100	2	Traffic Measurement System No. 1A — Description			

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252-135-301	2	KS-15947 Totalizer Circuit — Method of Locating Trouble	252-177-501	3	Force Administration Data System (FADS) — When Used With Cord Switchboards — Tests
252-135-501	7	KS-15947 Totalizer Circuit SD-95965-01 — Tests Using KS-15946 Test Set SD- 96568-01			
			252-178 Traffic Data Management System (TDMS)		
252-136-501	1	Auxiliary Summing Circuit — Tests			
			TDMS for Domestic		
252-137-301	3	Switchboard Totalizer Interface Circuit SD- 3B209-01 — Method of Setting Timers	■ 252-178-010	1.1	TDMS Network Administrator's Guide
252-138-501	2	Totalizer Peg Count and Optional Individual Position Peg Count Circuits — Tests From No. 1-, 3-, and 5-Type Cord Switchboards			
			TDMS for Teleway - Japan		
			■ 252-178-201	1	TDMS Network Administrator's Guide
252-139-101	1	Current to Peg Count Converter Unit — Description and Installation	■ 252-178-202	1	TDMS Designer Guide
			■ 252-178-203	1	TDMS Administration
			■ 252-178-204	1	TDMS Error Help Messages
252-140-101	2	Common Systems for 405-Type Data Set — SD-1C451-01 — Description			
			TDMS for Taiwan		
252-140-501	1	Interface Circuit for Use Between 405- Type Data Sets and Message Registers in Remote Register Operation SD-1C451- 01 — Verification Procedures	■ 252-178-211	1	TDMS Network Administrator's Guide (Taiwan)
			■ 252-178-212	1	TDMS Designer Guide (Taiwan)
			■ 252-178-213	1	TDMS Administration (Taiwan)
			■ 252-178-214	1	TDMS Error Help Messages (Taiwan)
252-174-101	1	Remotely Accessible Data (READ) Terminal — No. 1A SD-3B214-01 — Description			
			252-2 Service Observing		
252-174-501	2	Remotely Accessible Data Terminal (READ) SD-3B214-01 — Local Tests and Trouble Locating Procedures	Addendum	1	
			252-200-301	2	Method of Connecting Circuits for Observation
252-175-101	1	Force Administration Data System (FADS) When Used With No. 23-Type Operating Room Desk — General Description	252-201-502	3	Service Observing Circuit for Observing on AMA DDD Outgoing Traffic in No. 1 ESS™ Office — Tests — No. 12 or Modified No. 7 Service Observing Desk
252-175-501	2	Force Administration Data System (FADS) When Used With the No. 23-Type Operating Room Desks — Tests	252-202-501	3	Service Observing Circuit for Observing on Traffic in No. 5 Crossbar Office Arranged for Automatic Call Distribution — Tests — No. 12 or Modified No. 7 Service Observing Desk
252-176-101	2	Force Administration Data System (FADS) Used With No. 5 Crossbar Office — Arranged for Automatic Call Distribution (ACD) — Description	252-202-502	1	Circuit SD-26186-01 Used in No. 5 Crossbar Offices — Tests — No. 7 Modified or No. 12 Service Observing Desk
252-176-501	1	Force Administration Data System (FADS) — Used With No. 5 Crossbar — Automatic Call Distributor — Tests			

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Addendum	1		252-221-502	3	Position Circuit — Transmission Tests — No. 12 and Modified No. 7 Observing Desks
252-203-503	1	CAMA Service Observing Circuits in Crossbar Tandem Offices — Transmission Tests — No. 12 and Modified No. 7 Service Observing Desks	Addendum	1	
252-203-504	1	Service Observing Circuit for Crossbar Tandem CAMA Incoming Trunks and Associated Pulse Monitor and Converter Circuits — Tests — No. 7 or 12 Service Observing Desks	252-224-501	1	Cord Service Observing Circuit and Associated DC-MF Pulse Converter and DC Signal Monitoring Circuits for Positions Arranged for Key pulsing Tests — No. 12 or Modified No. 7 Service Observing Desks
252-203-505	1	Service Observing Circuit for Incoming Trunks to Traffic Service Position No. 100A and Associated Pulse Converter Circuit — Tests — Crossbar Tandem Offices — No. 12 or Modified No. 7 Service Observing Desks	252-224-502	1	Cord Service Observing Circuits and Associated Dial to MF Pulse Converters — Dial Pulse Monitoring — and DC Signal Monitoring Circuits for Positions Arranged for Dialing — Tests — No. 12 or Modified No. 7 Service Observing Desks
252-203-506	1	Service Observing Circuit for Incoming Trunks to Traffic Service Position No. 100A — Crossbar Tandem Offices — Transmission Tests — No. 7 Modified or No. 12 Observing Desks	252-224-503	1	Cord Service Observing Circuits — No. 1 and 3 Toll Switchboards and No. 13, 14, and 15 DSA Switchboards — Transmission Tests — No. 12 and Modified No. 7 Service Observing Desks
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252-205-502	1	CAMA Service Observing Circuits for Step-by-Step Offices — Transmission Tests — No. 12 or Modified No. 7 Service Observing Desk	252-225-501	3	Distribution and Signal Receiving Circuit and Position Signal Translation Circuit — Tests — No. 7 Modified or No. 12 Service Observing Desk
252-206-501	1	Service Observing Circuit SD-26186-01 for Observing on Line Link Pulsing Line Circuits — No. 1 Crossbar Offices — Tests — No. 7 Modified or No. 12 Service Observing Desk	Addendum	1	
252-210-501	4	Traffic Service Position System No. 1 — Tests — No. 12 or Modified No. 7 Service Observing Desks	252-226-501	1	KS-19717 Tape Printer and Printer and Control Circuit — Tests — No. 7 Modified or No. 12 Service Observing Desk
252-211-501	2	Service Observing Circuit Tests for Automatic Intercept Center No. 1A — Automatic Intercept System — No. 12 or Modified No. 7 Service Observing Desk	252-230-301	4	Service Observing Sets No. 7A and 7B — Connections and Operation
			252-231-501	1	Position Circuit — Teletypewriter Auxiliary Desk Tests
			252-232-301	2	Special Studies Set No. 1A — Connection and Operation

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▲252-240-500	1	Service Evaluation System No. 1A — Overall System	252-245-502	2	Circuit SD-68401-01 Used for Incoming Intertoll Observing in No. 4A and 4M Switching Systems — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-241-101	4	Service Evaluation Center — Description — Service Evaluation System No. 1A	252-245-503	1	Service Observing Circuit SD-95604-01 Used for Incoming Intertoll Observing in No. 5 Crossbar Office — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-241-102	2	Service Evaluation Center — Call Distributor Circuit — Description — Service Evaluation System No. 1A	252-245-504	1	Service Observing Circuit SD-95604-01 Used for Incoming Intertoll Observing in Step-by-Step Office — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-241-103	2	Service Evaluation Center — Data and Maintenance Circuit — Description — Service Evaluation System No. 1A	252-245-511	2	Circuit SD-95563-01 for Observing Speed-of-Answer on Incoming Calls to Toll Switchboards, DSA Switchboards, Operating Room Desks, and Information Desks — Signal Converter/Allotter Interface Tests — Service Evaluation System No. 1A
252-241-105	2	Trouble Identification Guide — Service Evaluation System No. 1A	252-245-521	2	Cord Service Observing Circuits SD-56225-01 and SD-56316-01 for No. 3, 3C, and 3CL Toll Switchboards with Positions Arranged for Key pulsing — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
▲252-241-500	2	Service Evaluation Center/Bureau — Service Evaluation System No. 1A — (Generic 1ASE4 and Earlier)	252-245-522	1	Cord Service Observing Circuits SD-56254-01 and SD-56298-01 for No. 1 Toll Switchboards With Positions Arranged for Key pulsing — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-242-101	2	Signal Converter and Allotter — Description — Service Evaluation System No. 1A	252-245-523	1	Cord Service Observing Circuit SD-95564-01 for No. 13 and No. 15 DSA Switchboards With Positions Arranged for Key pulsing — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-242-102	1	Signal Converter/Allotter — Test Set — Description — Service Evaluation System No. 1A			
▲252-242-500	2	Signal Converter/Allotter (SC/A) — Service Evaluation System No. 1A			
▲252-242-550	1	Service Evaluation System No. 1A — Signal Converter/Allotter (SC/A) to Service Evaluation Center Interface			
▲252-243-500	1	Service Evaluation System No. 1A — Traffic Service Position System to Service — Evaluation Center Interface			
▲252-243-550	1	Service Evaluation System No. 1A — Automatic Intercept System to Service — Evaluation Center Interface			
▲252-244-500	1	Service Evaluation System No. 1A — No. 4 Electronic Switching System to Service Evaluation Center Interface			
252-245-501	1	Service Observing Circuit SD-27012-01 Used for Incoming Intertoll Observing in Crossbar Tandem Office — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A			

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252-245-524	1	Cord Service Observing Circuit SD-56296- 01 for No. 1 Toll Switchboards With Positions Arranged for Dialing — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A	252-245-541	1	Service Observing Circuit SD-3B008-01 Used in No. 5 Crossbar Offices — Arranged for Automatic Call Distribution — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-525	1	Cord Service Observing Circuit SD-56295- 01 for No. 3, 3C, and 3CL Toll Switchboards With Positions Arranged for Dialing — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A	252-245-551	2	Circuit — Service Evaluation Control and Interface Circuit SD-3B025-01 and Service Observing Gate and Signal Transmitter Circuit SD-3B003-01 — Traffic Service Position System No. 1 — Tests — Service Evaluation System No. 1A
252-245-526	1	Cord Service Observing Circuit SD-95605- 01 for No. 13 and No. 15 DSA Switchboards With Positions Arranged for Dial Pulsing — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A	252-245-552	2	Circuit — Service Evaluation Control and Interface Circuit SD-3B025-01 and Service Observing Gate and Signal Transmitter Circuit SD-3B003-01 — Automatic Intercept System No. 1A — Tests — Service Evaluation System No. 1A
252-245-531	1	Circuit SD-90647-01 Used in No. 5 Crossbar Offices — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A	252-246-501	1	Service Observing Circuit SD-90647-01 — Used in No. 5 Crossbar Offices — Test and Alignment Procedures
252-245-532	1	Service Observing Circuit SD-90647-01 Used in Step-by-Step Offices — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A	252-246-502	1	Service Observing Circuit SD-90647-01 — Used in Step-by-Step Offices — Test and Alignment Procedures
252-245-534	1	Circuit SD-90647-01 Used in No. 1 Crossbar Offices — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A	252-246-503	1	Service Observing Circuit SD-90647-01 — Used in No. 1 Crossbar Offices — Test and Alignment Procedures
252-245-536	1	Circuit SD-96553-01 Used in No. 2 Electronic Switching System Offices — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A	Addendum	1	
252-245-537	1	Circuit SD-1A142-01 Used in No. 1 Electronic Switching System Offices — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A	252-246-504	1	Service Observing Circuit SD-1A142-01 — Used in No. 1 Electronic Switching System Offices — Test and Alignment Procedures
			252-246-505	2	Service Observing Circuit SD-96553-01 Used in No. 2 Electronic Switching System Offices — Tests and Alignment Procedures
			252-246-506	1	Service Observing Circuit SD-56316-01 — Used in Cord Switchboard Offices — Test and Alignment Procedures

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252-246-507	1	Service Observing Circuit SD-68401-01 — Used for Incoming Intertoll Observing in No. 4A and 4M Toll Switching System Offices — Test and Assignment Procedures
252-246-508	1	Service Observing Circuit SD-95604-01 — Used for Incoming Intertoll Observing in No. 5 Crossbar Intertoll Switching System Offices — Test and Alignment Procedures
252-246-509	1	Service Observing Circuit SD-95563-01 — Used for Observing Speed-of-Answer on Incoming Calls to Toll Switchboards, DSA Switchboards, Operating Room Desks, and Information Desks — Test and Alignment Procedures
252-246-510	1	Service Observing Circuit SD-3B008-01 — Used for Observing Incoming Calls to No. 5 Crossbar ACD Offices — Test and Alignment Procedures
252-246-511	1	Service Observing Circuit SD-27012-01 — Used for Incoming Intertoll Observing in Crossbar Tandem Offices — Test and Alignment Procedures
▲252-247-500	1	Service Evaluation System No. 1A — Mecca Terminal to Service — Evaluation Center Interface
▲252-248-500	1	Service Evaluation Center Interface — Service Evaluation System No. 1A (Generic 1ASE4)

Division 254

Stored Program Control

254-0 Index and Equipment Test Lists

-099 Customer Information Releases (CIRs)

254-1 Stored Program Control No. 1A (ETS and TSPS No. 1)

254-2 1A Processor (1A ESS™ and 4ESS™ Switches)

-200 Description, Reference Handbook, and Program Applications

-201 1A Processor (Equipment)

-251 Task Oriented Practices

-280 Software Description

254-3 3A Processor and 3B20D Computers

-300 3A Processor (Common Systems)

-301 3B20D Computer (Model 1)

-302 3B20D Computer (Models 2 and 3)

-340 3A Processor Software Documentation

-341 3B20D Computer Software Documentation

254-4 PC Image Director

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254-0 Index and Equipment Test Lists

254-000-000	80	Numerical Index — Division 254 — Stored Program Control (2-95)
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254-001-011	2	1A Processor
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■ 254-001-011AC	2	1A Processor
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254-001-012	4	AT&T 3B20D Model 1 Computer
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■ 254-001-012AC	2	AT&T 3B20D Model 1 Computer
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254-001-013	3	AT&T 3B20D Model 2 Computer
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■ 254-001-013AC	2	AT&T 3B20D Model 2 Computer
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254-001-014	2	AT&T 3B20D Model 3 Computer
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■ 254-001-014AC	1	AT&T 3B20D Model 3 Computer
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254-099 Customer Information Releases (CIRs)

254-099-003MG	1	TOP (Task Oriented Practice) Instruction for "Powering Down" the AT&T Computer (Processor) — Switching Systems
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254-1 Stored Program Control No. 1A (ETS and TSPS No. 1)

254-100-101	4	Processor — Description
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254-101-101	3	Piggyback Twistor Store — Description
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254-101-102	2	Piggyback Twistor Memory — Description
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254-101-103	2	Semiconductor IGFET Store — Description
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254-101-301	4	PBT Store Trouble-Locating Procedure
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Addendum	3	
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254-101-302	2	Semiconductor IGFET Store Analysis and Trouble Locating Procedure
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254-101-501	3	PBT Store Circuit — Test Using Store Test Set SD-1C281-01
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254-101-801	1	Activation of Store Unit Spare Bit Wire Pairs
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254-102-101	2	Central Pulse Distributor — Description
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254-103-101	3	Master Scanner — Description
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254-104-101	3	Signal Distributor — Description
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254-105-101	2	Maintenance Teletypewriter — Description
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254-105-301	3	Maintenance Teletypewriter Operating Procedures
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■ 254-106-301	7	Central and Display Panel — Method of Operation
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254-107-101	3	Program Tape Unit SD-1C108-01 — Description
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254-107-102	2	Program Tape Unit SD-1C396-01 — Description
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254-107-301	5	Program Tape Unit SD-1C108-01 — Operations
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254-107-302	3	Procedures for Analysis of Program Tape Unit SD-1C108-01
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254-107-303	2	Program Tape Unit SD-1C396-01 — Operations
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■ 254-107-304	2	Procedures for Analysis of Program Tape Unit SD-1C396-01
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254-107-501	3	Program Tape Unit SD-1C108-01 — Equipped With KS-19829 Recorder — Test Using Recorder Control Test Set SD-1C277-01
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■ 254-108-101	2	Program Organization Description
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■ 254-109-101	2	Processor Program Instructions	254-201-014	3	Call Store/Program Store — (256K Semiconductor Store) J5A010A — Description
Addendum	1				
■ 254-110-301	4	Off-Line Operation	254-201-015	1	Call Store/Program Store (256K Semiconductor Store) J5A010A — Theory
Addendum	1				
254-112-101	4	Communication Bus Circuit — Description	254-201-020	2	File Store Frame (J5A004) and Stand Alone Disk Cart — Description
Addendum	1		▲254-201-021	2	File Store Frame (J5A004) and Stand Alone Disk Cart — Theory
■ 254-113-301	3	Standby Store Bus-Freeze Feature — Method of Operation and Procedures	▲254-201-022	3	J5A006D-1 Input/Output Processor Frame — 1A Processor
■ 254-114-301	2	Processor Emergency Recovery Circuit — Method of Operation Including Self-Test and G-Level Matcher Procedures	254-201-030	5	Central Control Frame J5A005A/B — Description
			254-201-031	3	Central Control Frame J5A005A/B — Theory
			254-201-034	2	Portable Recovery Test Set J5A011 — Description
			254-201-035	2	Portable Recovery Test Set J5A011 — Theory
			254-201-036	2	Portable Recovery Test Set J5A011 — Operation
			254-201-040	2	Input/Output Frame — Description
			254-201-041	2	Input/Output Frame — Theory
			254-201-042	2	Input/Output Processor Frame — Description
			254-201-043	1	IO Processor Frame — J5A006C-1 — Theory
			■ Addendum	1	
			254-201-044	3	Input/Output Processor Frame J5A006D-1 — Description
			■ Addendum	1	
			254-201-045	3	Input/Output Processor Frame J5A006D-1 — Theory 1A Processor
			254-201-060	4	Processor Peripheral Interface Frame and Control and Display Panels — Description
			254-201-070	2	Power Conversion and Distribution Frame — J5A007B-1
			254-201-071	2	Power Conversion and Distribution Frame — J5A007B-1
			254-201-072	2	Power Conversion and Distribution Frame J5A007C-1 — Description
			254-201-073	1	Cost Reduced Power Conversion and Distribution Frame — Theory

254-2 1A Processor (1A ESS™ and 4ESS™ Switches)

254-200 Description, Reference Handbook, and Program Applications

254-200-001	9	General Description
■ 254-200-100	9	4AP<12> — Maintenance Reference Handbook — Attached Processor System (APS) — 4ESS Switch Application (3 Vols.) (1-94)
254-200-205	3	Diagnostic Program Applications — Description
254-200-210	4	Generic Utility Program Applications — Description
Addendum	1	
254-200-215	1	Error Analysis Program and Error Analysis Library Program Applications — Description

254-201 1A Processor (Equipment)

254-201-000	3	Auxiliary Data System — Description
254-201-001	2	Auxiliary Data System — Theory
254-201-002	4	Attached Processor Interface Frame J5A012A-1 — Description
254-201-003	1	Attach Processor Interface Frame J5A012A-1 — Theory
254-201-012	1	Call Store/Program Store (1400 NSEC Semiconductor Store) J5A008A — Description
254-201-013	1	Call Store/Program Store (1400 NSEC Semiconductor Store) J5A008A — Theory

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▲254-251-001	6	Central Control Frame — 1A Processor (12-91)	■ 254-280-210	2	Maintenance Control Program
▲254-251-003	2	1A Processor — TTY Message Analysis	Addendum	3	
▲254-251-005	7	1A Processor Call Store/Program Store (9-93)	■ 254-280-211	1	Paging Program
▲Addendum	1		Addendum	3	
▲254-251-010	6	Auxiliary Data System 1A Processor	■ 254-280-212	1	Master Control Console Common Control and Monitor Program
▲Addendum	3		Addendum	3	
▲254-251-015	5	1A Processor File Store	■ 254-280-213	1	Library Control Program
▲254-251-016	3	Attached Processor Interface Frame — 1A Processor	Addendum	1	
▲254-251-020	6	Input/Output Frame — 1A Processor — J5A006A-1	■ 254-280-214	3	Library Programs
▲▲254-251-021	2	Input/Output Processor Frame — 1A Processor — J5A006C-1	Addendum	1	
▲254-251-022	3	Input/Output Processor Frame — J5A006D-1	■ 254-280-220	3	Diagnostic Programs
▲254-251-025	4	Power Conversion and Distribution Frame — J5A007B-1	Addendum	3	
▲254-251-026	1	Power Conversion and Distribution Frame — 1A Processor — J5A007C	■ 254-280-230	1	Diagnostic Results Post-Processing Program
▲254-251-100	1	Portable Recovery Test Set — 1A Processor	Addendum	1	

254-280 Software Description

Addendum	1	
■ 254-280-010	2	Datapool Documents
■ 254-280-020	2	Assembly Language
■ 254-280-030	3	Program Listing
■ 254-280-040	4	Diagnostic Language — DL-1 — Software Description
■ 254-280-102	1	Write Protect Programs
Addendum	3	
■ 254-280-110	1	File Store Administration Program
■ 254-280-111	5	Input/Output Programs
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■ 254-280-112	1	Auxiliary Data System Operational Programs
■ 254-280-114	1	Attached Processor Interface Programs — 1A Processor

254-3 3A Processor and 3B20D Computers**254-300 3A Processor (Common Systems)**

254-300-100	1	Description
254-300-110	1	3A Central Control — Description
254-300-120	1	Central Control (3A CC) — Theory of Operation
254-300-130	1	Input/Output Interfaces — Description and Theory of Operation
254-300-140	1	Power System — Description and Theory of Operation
254-300-150	1	Main and Supplemental Stores — Description and Theory of Operation
254-300-160	1	Maintenance Frame — Description and Theory of Operation
254-300-170	1	Tape Data Controller — Description and Theory

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254-300-180	2	System Status Panel, System Status Panel Controller, and System Status Panel Relay Unit — Description and Theory of Operation	254-301-811	5	Common Systems — (DMERT Generic 1 and 2) (UNIX®* RTR System Release 1) (12-93)
254-300-190	1	Teletypewriter and Teletypewriter Controller — Description and Theory of Operation	▲ 254-301-812	2	Control Unit Trouble Clearing
254-300-200	1	Programmed Magnetic Tape System — Description and Theory of Operation	254-301-813	1	Peripheral Equipment — Trouble Clearing
Addendum	1		254-301-816	3	Common Systems — Growth and Retrofit
254-300-301	1	Maintenance Data	254-301-821	1	300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance
254-301 3B20D Computer (Model 1)			■ 254-301-821AC	1	CDC 300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance
254-301-005	4	General Description	254-301-822	1	300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance
254-301-010	3	Central Control — Description and Theory of Operation	■ 254-301-822AC	1	CDS 300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance
254-301-020	5	Power Systems — Description and Theory of Operation	254-301-825	1	DMERT Generic 2 to UNIX
254-301-100	4	Input/Output Interfaces — Description and Theory of Operation	254-302 3B20D Computers (Models 2 and 3)		
254-301-105	2	Input/Output Processor — Description and Theory of Operation	254-302-005	6	General Description
254-301-110	5	AT&T 3B20D Model 1 Computer — Input/Output Processor Peripheral Controllers — Description and Theory of Operation of Operation	254-302-010	2	Central Control — Description and Theory of Operation
254-301-115	4	Teletypewriter/Printer System — Description	254-302-020	5	Power Systems — Description and Theory of Operation
254-301-200	4	Main Store — Description and Theory of Operation	254-302-100	3	Input/Output Interfaces — Description and Theory of Operation
254-301-210	3	Moving Head Disk Drive — General Description	Addendum	1	
254-301-215	4	Disk File Controller — Description and Theory of Operation	■ 254-302-105	1	Input-Output Processor — Description and Theory of Operation
254-301-220	2	Magnetic Tape System — General Description	Addendum	1	
254-301-800	3	Emergency Action Facilities — Description	254-302-110	2	Input/Output Processor Peripheral Controllers — Description and Theory of Operation
254-301-809	1	Acceptance Test Plan — Description	254-302-115	5	Teletypewriter/Printer System — Description
254-301-810	2	Test Equipment	254-302-200	4	Main Store — Description and Theory of Operation
			254-302-210	1	300-Megabyte Moving Head Disk Drives — General Description — Model 2

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Addendum	1		■ 254-302-824AC	1	300-Megabyte Moving Head Disk Drive — KS-22707, L2 — Preventive Maintenance — 3B20D Model 2 Processor
254-302-211	1	160-Megabyte Disk Drive — General Description — Model 2	254-302-825	1	DMERT Generic 2 to UNIX RTR Release 1 — Retrofit Procedures
254-302-212	2	340-Megabyte Disk Drive — General Description	254-302-826	1	Retrofitting UNIX RTR Rel. 1 to Rel. 6.4
254-302-213	3	General Description — Small Computer System Interface Disk Unit Package	▲Addendum	3	
■ 254-302-215	4	Disk File Controller — Description and Theory of Operation	▲254-302-830	4	Common Systems — Acceptance Tasks (PDS Formats)
254-302-216	2	Description and Theory of Operation — Small Computer System Interface — Disk File Controller	▲254-302-831	7	AT&T 3B20D Model 2 and Model 3 Computer — Common Systems — Routine Tasks (PDS Formats) (1-94)
254-302-220	1	Magnetic Tape System — General Description	▲Revision 4	6/94	
254-302-221	1	Magnetic Tape System KS-23113 — General Description	▲254-302-832	1	AT&T 3B20 Model 2 and Model 3 Computer — Common Systems — Trouble Clearing — (PDS Formats) (4ESS)
254-302-800	2	Emergency Action Facilities — Description	254-302-837	5	Common Systems — Growth and Retrofit
254-302-809	1	Acceptance Test Plan — Description	▲Addendum	2	
254-302-810	1	Test Equipment — Description	▲254-302-840	4	Common Systems — Acceptance Tasks (MML Formats)
Addendum	1		▲ 254-302-841	7	AT&T 3B20D Model 2 and Model 3 Computer — Common Systems — Routine Tasks (MML Formats) (4-93)
254-302-821	1	300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance — Model 2	▲Revision 4	6/94	
■ 254-302-821AC	1	300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance — 3B20D Model 2 Processor	▲254-302-842	1	AT&T 3B20D Model 2 and Model 3 Computer — Common Systems — Trouble Clearing (MML Formats) (5ESS)
254-302-822	1	300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance — Model 2	254-340 3A Processor Software Documentation		
■ 254-302-822AC	1	300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance — 3B20D Model 2 Processor	■ 254-340-001	1	Extended Operating System (EOS) — Overview — Description — Extended Operating System Memory Protection and Organization — Description — Extended Operating System
254-302-823	1	300-Megabyte Moving Head Disk Drive — KS-22707, L1 — Preventive Maintenance — Model 2	■ 254-340-030	2	Processor/Process Management — Creation, Event, and Communication Control, Description — Extended Operating System
■ 254-302-823AC	1	300-Megabyte Moving Head Disk Drive — KS-22707, L1 — Preventive Maintenance — 3B20D Model 2 Processor	■ 254-340-031	2	Processor/Process Management — Interrupt Handling and Timer Management — Description — Extended Operating System
254-302-824	1	300-Megabyte Moving Head Disk Drive — KS-22707, L2 — Preventive Maintenance — Model 2			

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■ 254-340-040	2	Data Administration — Extended Operating System
■ 254-340-052	1	Device Handlers — Description — Extended Operating System
■ 254-340-054	1	Terminal Administration — Description — Extended Operating System
■ 254-340-062	1	File System — Description — Extended Operating System Data Base Organization — Description — Extended Operating System
■ 254-340-080	1	Maintenance Overview — Description — Extended Operating System
■ 254-340-082	2	System Utilities — Description — Extended Operating System
■ 254-340-084	1	Resident Maintenance — Description — Extended Operating System
■ 254-340-086	3	Initialization and Recovery — Extended Operating System
■ 254-340-088	2	Processor Diagnostics — Extended Operating System
■ 254-340-090	2	Peripheral Diagnostics — Description — Extended Operating System
■ 254-340-100	1	Introduction to 3A Language
Addendum	1	
■ 254-340-102	2	Basic and Extended Instruction Set
■ 254-340-104	1	Program Listing Organization and Usage — Common Systems Description
■ 254-340-106	1	Extended Operating System — Macros and Glossary

254-341 3B20D Computer Software Documentation

■ 254-341-000	5	Operating System — Description
■ 254-341-100	3	File System — Description
Addendum	1	
■ 254-341-105	3	Input/Output Software Structures — Software Subsystem Description
■ 254-341-110	3	Kernel and Basic Services — Description
254-341-114	4	Field Operations Tools — Description

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■ 254-341-115	3	Generic Access Package (GRASP) — Description
■ 254-341-116	1	Plant Measurement System — Description
Addendum	1	
254-341-120	3	Interface and Integrity Facility — DMERT/UNIX RTR Operating System
254-341-200	6	Maintenance and Fault Recovery — Software Subsystem Description
254-341-210	3	Data Base Management System — Software Subsystem Description
Addendum	1	
■ 254-341-211	1	Low Level Access/Software Demand Paging Systems — Description
■ 254-341-220	3	System Diagnostic — Description
254-341-230	4	Craft Interface — Description
■ 254-341-235	1	Audit Facilities — Description — DMERT Operating System
254-341-236	2	Audit Facilities — Description — UNIX RTR Operating System
■ 254-341-240	2	DMERT Operating System Field Update Facilities — Description
Addendum	1	
■ 254-341-241	1	UNIX RTR Operating System Field Update Facilities — Description
254-341-245	2	DMERT Operation System Generic Update Facilities — Software Subsystem Description

254-4 PC Image Director

254-450-110	1	Integrated Graphics Package — Service Manual
254-475-105	2	AT&T Personal Computer 6300 — Service Manual

Division 255

Processor Controlled and Ancillary Systems DATAKIT® 10A Remote Switching, Packet Switching, And Database Systems

255-0 Indexes, Equipment Test List, No. 10A RSS (NO. 10A Remote Switching System), and 1PSS (AT&T WESTERN ELECTRIC® 1 Packet Switching System)
-000 Indexes
-001 Equipment Test List — 1PSS
-063 1PSS — Administration and Engineering
-090 Feature Documents
-099 Customer Information Releases (CIRs)
255-1 Packet Switches
-100 General Support
-102 Common Equipment Network Access Control System
-110 DATAKIT® II, Release 1
-111 DATAKIT II, Release 2
-112 StarKeeperPg
-113 DATAKIT II VCS Release 3
-114 StarKeeper® II NMS
-115 DATAKIT II VCS Release 4
-170 LCS 200
-179 GlobeView™-2000
-180 BNS-1000
-181 BNS-2000 Release 1.0
-182 BNS-2000 Release 1.1
-183 BNS-2000 Release 1.2
-184 BNS-2000 Release 2.0
-190 BNS-1000 Release 2.0
255-2 No. 10A RSS
255-3 1PSS (1 Packet Switching System) — Engineering, Operation, Maintenance, and Features
-301 Workstations
255-5 Data Base Systems
255-6 Network Management Systems
-605 NETPARTNER®

Number	Issue	Subject
255-0		Indexes, Equipment Test List, No. 10A RSS (No. 10A Remote Switching System), and 1PSS (AT&T WESTERN ELECTRIC® 1 Packet Switching System)

255-000 Indexes

255-000-000	71	Numerical Index — Division 255 — Processor Controlled and Ancillary Systems (5-95)
255-000-030	1	Interdivisional Numerical Index — 1 Packet Switching System

255-001 Equipment Test List — 1PSS

255-001-030	1	Maintenance Schedules
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255-063 1PSS — Administration and Engineering

255-063-010	1	Engineering Guidelines and Equipment Order Preparation
255-063-012	1	Routing Guidelines
255-063-013	2	Traffic and Resource Usage Measurements — Description

255-090/093 Feature Documents
No. 10A RSS

■ 255-092-010	2	System Features
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1PSS

255-093-010	1	Description
255-093-500	2	Model 1 and Model 2 Remote Packet Modules — Description and Operation

255-099 Customer Information Releases (CIRs)

255-099-028TD	1	AT&T Voice Data Multiplexer, Operations Systems
255-099-039IR	2	Spares Exchange Service for DATAKIT® II VCS Family of Products
255-099-040TD	1	DATAKIT VCS and SARTS PC to PC Certification — Operations Systems
255-099-041TD	1	DATAKIT VCS and SARTS PC to RTS Certification — Operations Systems
255-099-042TD	1	Switched Access Remote Test System (SARTS) Process Controller (PC) Backup by Means of DATAKIT Virtual Circuit Switch (VCS), Operations System

Number	Issue	Subject
255-099-044MR	1	Problem With Model O45C VDMs, Operations Systems
255-099-045IR	2	Spares Exchange Service For LAN Communications System (LCS) Family of Products (10-93)

Number	Issue	Subject
255-100-228	1	Multipurpose Concentrator Reference
255-100-230	1	Data Networking Products Planning Guide (4-95)
255-100-231	1	Data Networking Products Series M2 Trunk Module Reference (4-95)

255-1 Packet Switches**255-100 General Support****Data Networking Products**

■ 255-100-010	1	Support Service Guide
255-100-020	1	NOTE: Contains 255-100-021, -022, and -025
255-100-021	8	Data Networking Product Ordering Guide (2 Volumes) Vol. 1 Overguide — Vol. 2 Order Worksheets (1-95)
255-100-022	7	Data Network Products — Quick Reference Guide
255-100-025	3	Data Networking Product Cabling Guide

Data Networking Products Supporting DATAKIT II VCS Rel. 4.0 and BNS-1000 Rel. 2.0

255-100-201	3	Data Networking Products Terminology
255-100-202	1	ISN Concentrator Reference
255-100-203	1	Synchronous/Asynchronous Multiplexer Reference
255-100-204	1	Computer Port Module Reference
255-100-205	2	Frame Relay Module Reference
255-100-206	1	LAN Protocol Routing Module Reference
255-100-207	1	Multispeed Module Reference
255-100-208	1	Synchronous Data Link Control Module Reference
255-100-209	1	Session Maintenance Guide
255-100-210	4	Messages Reference
255-100-211	1	Special Modules Reference
255-100-212	1	Sync8 Modules Reference
255-100-213	1	Trunk Modules Reference
255-100-214	1	Transparent Synchronous Module Reference
255-100-215	1	Products TY Module Reference
255-100-216	1	Products X.25 Module Reference
255-100-217	1	Products X.75 Module Reference

255-102 Common Equipment Network Access Control System

255-102-101	1	Network Access Control System — Installation, Operation and Maintenance Guide
255-102-102	1	Network Access Control System — System Administration Guide
255-102-103	1	Network Access Control System — Installation, Operation and Maintenance Guide Release 5.0
255-102-104	1	Network Access Control System — System Administration Guide Release 5.0
255-102-200	1	Data Bus Monitor User Manual

255-110 DATAKIT II VCS Release 1

255-110-001	2	Introduction
255-110-003	1	Feature
Addendum	1	
255-110-100	2	Installation Guide
255-110-101	2	Maintenance Guide
255-110-102	2	Host Interface
255-110-104	2	SAM-8 (Synchronous Asynchronous Multiplexer) - Installation Guide
255-110-105	1	Host Interface for AT&T 6386 Workstation
Addendum	2	
255-110-106	2	Network Interface - Installation and Administration Manual
255-110-109	1	Host Interface for SUN Workstation
255-110-114	3	Network Interface Applications — Service Manual
255-110-115	1	Multiplexed Host Interface for 386/486 Computers

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Number	Issue	Subject
■ 255-110-118	2	SMDS (Switched Multimegabit Data Service) Access Unit 1.5 Service Manual
255-110-119	2	SMDS (Switched Multimegabit Data Service) Access Unit 1.5 Installation and Administration Guide
255-110-123	1	COMMKIT Host Interface Release 3.3 STAR SERVER™ FT Installation and Administration Guide
255-110-124	2	COMMKIT Host Interface for NCR Series 3000 Computers — Installation and Administration Guide
255-110-125	2	COMMKIT Host Interface Release 4.4 V1 AT&T 3B2 Computer System Installation and Administration Guide
255-110-127	1	COMMKIT Host Interface Release 4.4 Version 1 3B2 RISC Computer Systems — Installation and Administration Guide
255-110-140	1	SAM-64 (Synchronous Asynchronous Multiplexer) User Manual
Addendum	1	
255-110-141	2	DATAKIT II SAM 16 User Manual
255-110-200	2	Commands Reference Guide
255-110-201	2	Messages Reference Guide
255-110-202	2	DATAKIT II R1 Master Index
255-110-500	2	Administrator's Guide
255-110-501	1	Quick Reference Guide
255-110-503	1	Network Access Control System Installation and Administration Guide
255-110-600	2	Planning and Implementation Guide
255-110-611	2	VCS LAN Communications Server Installation and Administration Guide
255-110-700	2	System Description
255-110-701	2	Operations Guide
255-110-702	2	Terminal User Guide
255-110-703	2	Migration and Interworking Guide
255-110-712	1	Terminal User
255-110-800	1	Publications

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255-111-001	2	Introduction
255-111-020	1	DECXPRESS 100
255-111-100	2	Installation Guide
255-111-101	2	Maintenance Guide
255-111-102	1	PDE (Portable Development Equipment) — Installation and Debugging Guide
Addendum	1	
255-111-106	3	LCS 50 Network Interface for Ethernet 3.0 Installation and Administration Guide
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255-111-107	1	LCS 60 Network Interface for Ethernet R1.0 Installation and Administration Guide
255-111-200	2	Commands Reference
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255-111-201	2	Messages Reference
255-111-202	2	DATAKIT II R2.1 Master Index
255-111-500	2	Administrator's Guide
255-111-501	2	Administrator's Guide Quick Reference
255-111-502	1	PDE Programmer's Guide
255-111-505	2	NACS (Network Access Control System) SecurID Authenticator Installation and Administration Guide
255-111-600	2	R2.1 Planning Guide
255-111-606	2	Cabling Guide
255-111-700	2	System Description
255-111-702	2	Terminal User Guide
255-111-703	2	Migration and Interworking Guide
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255-112 StarKeeper® NMS

255-112-004	1	NMS (Network Management System) Release 4.3 Change Pages
255-112-104	2	NMS Installation Guide
255-112-200	2	CCS (Customer Control System) Command Reference Guide
255-112-203	2	NMS Commands Reference Guide

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255-112-310	1	StarKeeper NMS G4.4 (ISN Application) — Installation Guide G4.4	255-113-201	1	DATAKIT II R3.0 Messages Reference
255-112-311	1	StarKeeper NMS G4.4 (ISN Application) — User Guide G4.4	■ 255-113-202	1	DATAKIT II R3.0 Master Index
255-112-312	1	StarKeeper NMS G4.4 (ISN Application) — Command Reference G4.4	255-113-500	1	DATAKIT II R3.0 Administrator's Guide
255-112-313	1	StarKeeper NMS G4.4 (ISN Application) — Customer Programming Guide G4.4	255-113-501	1	DATAKIT II R3.0 Administrator's Quick Reference
255-112-500	2	CCS Service Administrator's Guide	255-113-502	1	DATAKIT II VCS R3.0 Session Maintenance Guide
255-112-503	1	NAC (Network Access Controller) Installation and Administration 1.1	255-113-503	1	DATAKIT II R3.0 Ordering Quick Reference
255-112-505	1	Network Access Control System SerurID Authenticator and Administration Guide	255-113-600	1	DATAKIT II R3.0 Planning Guide
255-112-706	2	NMS System Description	255-113-606	1	DATAKIT II R3.0 Cabling Guide
255-112-707	2	NMS User Guide	255-113-700	1	DATAKIT II R3.0 System Description
Addendum	1		255-113-702	1	DATAKIT II R3.0 Terminal User Guide
255-112-708	1	Customer Program Guide	255-113-712	1	DATAKIT II R3.0 Terminal User Quick Reference
255-112-709	2	CCS Administrator's Guide	255-113-800	1	DATAKIT II R3.0 Product Line Publications
255-112-711	1	NMS Troubleshooter	255-114 StarKeeper II NMS (Network Management System)		
255-112-951	1	NMS 4.1 Configuration Guide	255-114-001	2	StarKeeper II NMS Introduction
255-112-952	1	Impvt Tool	255-114-002	1	StarKeeper II NMS Document Reference Getting Started Guide
255-112-953	1	NMS Host Port	255-114-003	1	StarKeeper II NMS Documentation Reference (R6.0) (4-94)
255-112-954	1	NMS Alarm Trend	255-114-004	1	StarKeeper II Network Management System (NMS) (R6.0) (4-94)
255-112-955	1	MNS 4.2 Configuration	255-114-010	1	StarKeeper II NMS 3.0.2 Release Guide
255-112-956	1	NMS PR Help...	255-114-015	1	StarKeeper II NMS HSP R4.0 Release Guide
255-113 DATAKIT II, Release 3.0			Addendum	2	
255-113-000	1	DATAKIT II VCS R3.1 Kit of Documents	255-114-020	1	StarKeeper II NMS SNMP Proxy Agent Guide
255-113-001	1	DATAKIT II VCS Introduction Guide	255-114-021	1	StarKeeper II NMS SNMP Proxy Agent User Guide (R5.0) (11-93)
255-113-005	1	DATAKIT II VCS Release Guide (R3.1)	255-114-022	1	StarKeeper II NMS SNMP Proxy Agent User Guide (R6.0) (4-94)
255-113-100	1	DATAKIT II R3.0 Installation Guide	Addendum	2	
255-113-101	1	DATAKIT II R3.0 Maintenance Guide	255-114-100	3	StarKeeper II NMS Installation Manual
255-113-105	1	Frame Relay Specifications for DATAKIT II VCS and BNS-2000	255-114-101	1	StarKeeper II NMS Installation Guide (R5.0)
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255-114-102	1	StarKeeper II NMS Installation Guide (R6.0) (4-94)
255-114-110	1	StarKeeper II NMS Workstation Installation Guide
255-114-150	1	StarKeeper II NMS Graphics Workstation Package
255-114-151	1	StarKeeper II NMS Core System Package
255-114-152	1	StarKeeper II NMS Customer Control System (CCS) Package
255-114-153	1	StarKeeper II NMS Graphics Workstation Package — Update from R4.2 to R5.0
255-114-154	1	StarKeeper II NMS Core System Package — Update from R4.2 to R5.0
255-114-156	1	StarKeeper II NMS Core System Package — Update from R4.1 to R5.0
255-114-157	1	StarKeeper II NMS Graphics System Package Release 6.1
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Addendum	1	
255-114-200	1	StarKeeper II NMS Customer Control System Commands Reference
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255-114-517	1	StarKeeper II NMS Performance Reporter Guide (R6.0) (4-94)
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255-114-520	2	StarKeeper II NMS Network Builder
255-114-521	1	StarKeeper II NMS Network Builder Guide (R5.0)
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255-114-525	2	StarKeeper II NMS Network Monitor
255-114-526	1	StarKeeper II NMS Network Monitor Guide (R5.0)
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255-114-527	1	StarKeeper II NMS Network Monitor Guide (R6.0) (4-94)
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255-114-601	4	StarKeeper II NMS Planning Manual
255-114-602	1	StarKeeper II NMS Planning Manual (Update from 4.1 to 5.0)
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255-114-603	1	StarKeeper II NMS Planning Guide (R6.0) (4-94)
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255-114-707	3	StarKeeper II NMS User Manual
255-114-708	1	StarKeeper II NMS Customer Programming Guide
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255-114-709	1	StarKeeper II NMS Customer Control System End User Administrator's Guide
255-114-710	1	StarKeeper II NMS User Guide (R5.0)
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255-114-711	1	StarKeeper II NMS User Guide (R6.0) (4-94)

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255-115-000	-	Datakit II VCS Release 4.0 Complete Document Set
255-115-001	1	Datakit II VCS Library Release 4.0 (CD-ROM) (5-94)
255-115-002	1	Datakit II VCS Library Release 4.0 with CD-ROM (5-94)

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255-115-010	1	Introduction	255-170-100	1	Installation Guide
255-115-015	1	Publications	■ 255-170-110	1	LCS 200 Access Feeder Node User Guide (Installation)
255-115-110	1	System Description			
255-115-115	1	Administration Quick Reference	Addendum	1	
255-115-120	1	Planning Guide	255-170-125	1	LSC 200 System 7 Documentation Package
255-115-125	1	Terminal User Guide			
255-115-220	1	Node Reference	255-170-500	1	Operator's Guide
255-115-221	1	TY Module Reference	255-170-600	1	Configuration Guide (2 Vol.)
255-115-222	1	Frame Relay Module Reference			
255-115-223	1	Computer Port Module Reference	255-179 GlobeView™-2000		
			Release 1.1		
255-115-224	1	Trunk Module Reference	255-179-020	1	GlobeView™-2000 Broadband System Introduction Guide R1.0.1 (2/94)
255-115-226	1	Transparent Synchronous Module Reference			
255-115-227	1	Synchronous Data Link Control Module Reference	■ 255-179-021	1	GlobeView™-2000 Broadband System — System Description (6-94)
255-115-229	1	X.25 Module Reference			
255-115-230	1	X.75 Module Reference	■ 255-179-022	1.1	GlobeView™-2000 Broadband System Node Installation
255-115-231	1	Special Module Reference			
255-115-232	1	Synchronous C8 Module Reference	■ Revision 1	9/94	
			■ 255-179-023	1.1	GlobeView™-2000 Broadband System Node Reference
255-115-310	1	Session Maintenance Guide	■ 255-179-024	1.1	GlobeView™-2000 Broadband System Line Card Reference
Release 5.0					
255-115-400	--	Datakit II VCS Library Release 5.0 with CD-ROM (5-94)	■ 255-179-025	1	GlobeView™-2000 Broadband System Network Management Reference
Ⓐ 255-115-401	1	Datakit II VCS Library CD-ROM Release 5.0	■ 255-179-026	1	GlobeView™-2000 Broadband System Customer Network Management Application Reference
255-115-402	1	Datakit II VCS Publications			
255-115-403	1	Datakit II VCS System Description	■ 255-179-027	1	GlobeView™-2000 Broadband System Command Line Interface Specification Programmer's Reference
255-115-404	1	Datakit II VCS Planning Guide			
Addendum	1				
255-115-405	1	Datakit II VCS Node Reference (2 vols.)	■ 255-179-028	--	GlobeView™-2000 Broadband System Customer Documentation Library (9-94)
255-115-406	1	Datakit II VCS Administration Quick Reference			
255-115-407	1	Datakit II VCS Terminal User Guide	■ 255-179-029	1	GlobeView™-2000 Broadband System Command Line Interface Specification Programmer's Reference (IDCS) (10-94)
255-170 LCS 200					
			Release 1.2		
255-170-011	1	LCS 200 System (25/pkg brochure)	■ 255-179-051	1	GlobeView™-2000 Broadband System System Description
255-170-012	1	LCS 200 Backbone Node (25/pkg brochure)			
□ 255-170-013	1	LCS 200 Access Feeder Node (25/pkg brochure)	■ 255-179-052	1	GlobeView™-2000 Broadband System Node Installation

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■ 255-179-054	1	GlobeView™-2000 Broadband System Line Card Reference	Addendum	1	
■ 255-179-055	1	GlobeView™-2000 Broadband System Network Management Reference	255-181-122	1	BNS-2000 — Node Reference Update
■ 255-179-056	1	GlobeView™-2000 Broadband System Customer Network Management Application Reference	255-181-205	1	BNS-2000 — User Quick Reference/Asynchronous Access
■ 255-179-057	1	GlobeView™-2000 Broadband System Command Line Interface Specification: Programmer's Reference	255-181-210	1	BNS-2000 Messages Reference
■ 255-179-058	1	GlobeView™-2000 Broadband System Command Line Interface Specification: Programmer's Reference (IDCS)	255-181-220	1	BNS-2000 Node Reference
			255-181-221	1	BNS-2000 — TY Module Reference
			255-181-222	1	BNS-2000 — Frame Relay Module Guide
			255-181-223	1	BNS-2000 — Computer Port Module Reference
			255-181-224	1	BNS-2000 Trunk Module Reference
			255-181-310	1	BNS-2000 Session Maintenance Guide
255-180 BNS-1000			255-182 BNS-2000 Release 1.1		
255-180-000	1	BNS-1000 R1.1 Documentation Kit	255-182-000	1.1	BNS-2000 Document Set
255-180-005	1	BNS-1000 Release Guide R1.1	255-182-015	1	BNS-2000 — Publications
255-180-100	1	BNS-1000 Installation Guide	255-182-025	1	BNS-2000 — Data Networking Terminology
255-180-101	1	BNS-1000 Maintenance Guide	255-182-110	1	BNS-2000 — System Description
255-180-200	1	BNS-1000 Commands Reference (2 Vol)	255-182-115	1	BNS-2000 — Administration Quick Reference
255-180-201	1	BNS-1000 Messages Reference Guide	255-182-120	1	BNS-2000 Planning Guide
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255-181-010	1	BNS-2000 — Introduction Guide	255-182-220	1	BNS-2000 — Node Reference (2-Vol)
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255-181-115	1	BNS-2000 Administration Quick Reference	Addendum	1	
255-181-117	1	BNS-2000 Network Access Control System (NACS) — Installation and Administration Guide	255-182-310	1	BNS-2000 — Session Maintenance Guide
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255-183-000	-	BNS-2000 Release 1.2 Complete Document Set	255-184-106	1	BNS-2000 — Node Reference
255-183-015	1	BNS-2000 — Publications	255-184-107	1	BNS-2000 Access Interface Module Reference
255-183-110	1	BNS-2000 — System Description	255-184-108	1	BNS-2000 Computer Port Module Reference
255-183-115	1	BNS-2000 — Administration Quick Reference	255-184-109	1	BNS-2000 Frame Relay Module Reference
255-183-120	1	BNS-2000 — Planning Guide	255-184-110	1	BNS-2000 Synchronous Data Link Control Module Reference
255-183-125	1	BNS-2000 Terminal — User Guide (10-93)	255-184-111	1	BNS-2000 Transparent Synchronous Module Reference
255-183-210	1	BNS-2000 — Messages Reference	255-184-112	1	BNS-2000 Trunk Module Reference
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255-183-220	1	BNS-2000 — Node Reference— Volume 1: Overview, Installation, Operations, Administration, Maintenance, Troubleshooting — Volume 2: Commands	255-184-114	1	BNS-2000 X.25 Module Reference
255-183-221	1	BNS-2000 TY Module Reference	255-184-115	1	BNS-2000 X.75 Module Reference
255-183-222	1	BNS-2000 Frame Relay Module Reference (3/93)	255-184-116	1	BNS-2000 — Administration Quick Reference
255-183-223	1	BNS-2000 Computer Port Module Reference	255-184-117	1	BNS-2000 — Terminal User Guide
255-183-224	1	BNS-2000 Trunk Module Reference	255-184-118	1	Datakit II VCS to BNS-2000 Conversion Guide
255-183-225	1	BNS-2000 Access Interface Module Reference	255-184-120	1	BNS-2000 Installation Procedures Handbook (1-95)
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255-183-315	1	BNS-2000 SMDS Guide	255-184-135	1	BNS-2000 Publications (4-95)
255-184 BNS-2000 Release 2.0			255-184-136	1	BNS-2000 System Description (4-95)
255-184-000	--	BNS-2000 Complete Document Set	255-184-137	1	BNS-2000 Terminal User Guide (4-95)
255-184-002	--	BNS-2000 Complete Document Set with CD-ROM	255-190 BNS-1000 Release 2.0		
255-184-100	1	BNS-2000 — Publications	255-190-015	1	BNS-1000 Publications
255-184-101	1	BNS-2000 — Introduction	255-190-110	1	BNS-1000 System Description
255-184-102	1	BNS-2000 — System Description	255-190-115	1	BNS-1000 Administration Quick Reference
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255-184-104	1	BNS-2000 — SMDS Guide			

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255-190-125	1	BNS-1000 Terminal User Guide
255-190-220	1	BNS-1000 Node Reference
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255-190-222	1	BNS-1000 Frame Relay Module Reference
255-190-223	1	BNS-1000 Computer Port Module Reference
255-190-224	1	BNS-1000 Trunk Module Reference
255-190-226	1	BNS-1000 Transparent Synchronous Module Reference
255-190-227	1	BNS-1000 Synchronous Data Link Control Module Reference
255-190-229	1	BNS-1000 X.25 Module Reference
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255-190-310	1	BNS-1000 Session Maintenance Guide

255-2 No. 10A RSS (Remote Switching System)

255-200-100	1	General Description
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▲ 255-200-301	2	Maintenance Procedure

255-3 1PSS (1 Packet Switching System) — Operation, Maintenance, and Features

255-300-105	2	Maintenance Considerations
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255-300-111	1	Release 4.0
255-300-111	2	Release 4.1

Maintenance Manuals

255-300-120	2	Release 4.1
255-300-123	1	Release 3.2

Systems Engineering Manuals

255-300-130	2	Release 4.1
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255-300-140	2	Release 4.1
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■ 255-300-152	2	1PSS Input Message Manual-2 Vol 1 — Packet Switching System
■ 255-300-153	2	1PSS Input Message Manual-3 Vol 1 — Packet Switching System
■ 255-300-155	2	1PSS Input Output Manual— Packet Switching System
■ 255-300-161	2	1PSS User's Guide-1 — Packet Switching System

255-301 Workstations

255-301-110	2	User Guide USDS (User Screening Database Server) Utilities 6 (1PSS) (Version 2.0)
255-301-111	1	User Guide USDS (User Screening Database Server) Utilities 6 (1PSS) (Version 3.0)
255-301-112	4/92	1PSS USDS (User Screening Database Server) Installation and Administration Guide
255-301-120	11/90	1PSS Network Workstation Network Control Center (NCC) Version Administration Guide
255-301-121	11/90	1PSS Network Workstation Network Control Center (NCC) Version User Guide
255-301-125	11/90	1PSS Network Workstation Customer Network Control Center (CNCC) Version Administration Guide
255-301-126	11/90	1PSS Network Workstation Customer Network Control Center (CNCC) Version User Guide

Remote Packet Modules

255-350-105	2	Model 1 and Model 2 — Maintenance Considerations
▲ 255-351-100	2	Model 1 Frame — Local Area Data Transport Service
▲ 255-352-100	2	Model 2 Frame — Local Area Data Transport Service

255-5 Data Base Systems

255-500-100	1	Data Management System and Automatic Location Identification System Description for Generic 1
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■ 255-605-015	1	NMS (Network Management System) Display Construction 1NP2.1
▲ 255-605-020	1	NMS Administration
▲ 255-605-022	1	NMS Installation Guide

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Common Channel Signaling System (CCSS)

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-002 Common Channel Signaling 7 — Switching Products

-010 CCSS Common Functions

-015 CCS7 LEC Network

-020 CCSS Related Features

-030 Advanced Services Platform

-040 Signaling Links, Terminal Group, Data Set Frame, and AC Power

-041 Network Services Complex

-070 Network Administration

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-090 CNI (Common Network Interface)

-098 AT&T Customer Information Releases (CIRs) Only

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256-002 Common Channel Signaling 7 — Switching Products

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256-003 A-I-NET™ STP (Signal Transfer Point)

■ 256-003-210	2	A-I-NET Signal Transfer Point — System Description (10-92)
■ 256-003-211	2	A-I-NET Signal Transfer Point — Operation and Maintenance Procedures: Ring and Link (6-93)
■ 256-003-212	2	A-I-NET Signal Transfer Point — Operation and Maintenance Procedures: Office, Routing, Network, and System (6-93)
■ 256-003-213	2	A-I-NET Signal Transfer Point — Input Messages (6-93)
■ 256-003-214	2	A-I-NET Signal Transfer Point — Output Manual Vol.1:A-O Vol.2:P-Z (6-93)
■ 256-003-215	2	A-I-NET Signal Transfer Point — Data Base Administration (7-93)
■ 256-003-216	2	A-I-NET Signal Transfer Point Reference Manual — Volume 1 Display Pages, Audits and Tools — Volume 2 Diagnostics and PRMs (6-93)

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■ 256-004-200	6	No. 2 STP System Description (4-93)
■ 256-004-201	6	No. 2 STP System — Operation and Maintenance Procedures — Ring and Link (4-93)
■ 256-004-202	6	No. 2 STP System — Operation and Maintenance Procedures — Office, Routing, Network and System Generic 6.3

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■ 256-004-205	6	No. 2 Signal Transfer Point — Data Base Administration V1 Generic 6.3	■ 256-004-403	2	No. 2 Signal Transfer Point Input Messages Gen 8.2 (10-94)
■ 256-004-206	6	No. 2 Signal Transfer Point — Reference Manual V2 Display Pages, Audits, and Tools Generic 6.3 2 Vol. Set	■ 256-004-404	2	No. 2 Signal Transfer Point Output Messages Gen 8.2 (10-94) (2 Volumes)
■ 256-004-300	3	No. 2 Signal Transfer Point System Description Gen 7.1 (1-94) NOTE: Not for Coded Distribution	■ 256-004-405	2	No. 2 Signal Transfer Point Data Base Administration Gen 8.2 (10-94)
■ 256-004-301	3	No. 2 Signal Transfer Point System — Ring and Link — Operations and Maintenance Procedures: Ring and Link (1-94) NOTE: Not for Coded Distribution	■ 256-004-406	2	No. 2 Signal Transfer Point Reference Manual Gen 8.2 (10-94) (2 Volumes)
■ 256-004-302	3	No. 2 Signal Transfer Point System Operations and Maintenance Procedures: Office, Routing, Network, and System Gen 7.1 NOTE: Not for Coded Distribution	256-010 CCSS (Common Channel Signaling System) Common Functions and Equipment		
■ 256-004-303	3	No. 2 Signal Transfer Point Input Messages Gen 7.1 NOTE: Not for Coded Distribution	■ 256-010-010	4	CCSS Common Functions Manual
■ 256-004-304	3	No. 2 Signal Transfer Point Output Messages Volume 1, A-O — Volume 2, P-Z Gen 7.1 NOTE: Not for Coded Distribution	■ 256-010-011	2	No. 2 Network Control Point Service, Administration, and Maintenance Manual (SAMM)
■ 256-004-305	3	No. 2 Signal Transfer Point Data Base Administration Manual Gen 7.1 NOTE: Not for Coded Distribution	■ 256-010-012	1	1NCP Service, Administration, and Maintenance Manual
■ 256-004-306	3	No. 2 Signal Transfer Point Reference Manual Volume 1 Display Pages, Audits, and Tools — Volume 2 Diagnostics and PRMs Gen 7.1 NOTE: Not for Coded Distribution	Common Equipment		
■ 256-004-400	2	No. 2 Signal Transfer Point System Description Gen 8.2 (10-94)	■ 256-010-300	1	SS7 (Signaling System 7) Protocol Converter Programmers Guide (11-94)
			■ 256-010-301	1	SS7 (Signaling System 7) Protocol Converter Administration Guide (11-94)
			256-015 CCS7 LEC Network		
			■ 256-015-100	3	Signaling System 7 — LEC Network — Description
			■ Addendum	1	
			■ 256-015-200	2	CCS7 Network — Data Base and Routing
			■ 256-015-300	2	Signaling System 7 — LEC Network — Operations, Administration, and Maintenance (12-92)

Number	Issue	Subject
■ 256-015-310	1	Simultaneous Trunk Conversion via Automatic Recent Change for 1A ESS™ Switch or 5ESS® Switch Data Base and Routing Document

256-030 Advanced Services Platform

256-030-112	11/91	AT&T Net Advanced Services Platform
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256-040 Signaling Links, Terminal Group, Data Set Frame, and AC Power

256-040-100	3	Signaling Links — Description
■ 256-040-100AC	1	Signaling Links — Description
256-040-101	1	Terminal Group — Description
256-040-102	1	Voice Frequency Link Access Circuit — Description
256-040-103	1	Data Set Frame SD-94874-01 — Description
256-040-104	2	Voice Frequency Link Test Frame — Description
■ 256-040-105AC	2	56-KBPS Signaling Links — Operation, Administration, and Maintenance Description
256-040-300	1	Signaling Links — Rehomings and Retirement Procedures
256-040-301	1	Signaling Links — Conversion From 2400 to 4800 BPS
256-040-302	1	Signaling Links — Growth and Degrowth
256-040-303	1	Signaling Links — Link Security Check Procedures
256-040-500	1	Signaling Links — Maintenance
256-040-501	1	Terminal Group — Maintenance
256-040-502	1	Voice Frequency Link Access Circuit SD- 68758-01 — Test And Adjustment Procedures
256-040-503	1	Signaling Links — Performance Tests
256-040-504	1	Data Set Frame SD-94874-01 — Maintenance
256-040-505	1	AC Power and Alarm Frame SD-68771-01 — Tests
256-040-510	2	Analog Signaling Links — Performance Tests Between No. 1 and No. 2 Signal Transfer Points
256-040-511	1	Analog Signaling Links — Performance Tests Between No. 2 Signal Transfer Point and 4A Switch

Number	Issue	Subject
■ 256-040-515	3	Analog Signaling Links — Performance Tests Between No. 2 Signal Transfer Point and 5ESS® Switch
■ 256-040-520	1	Analog Signaling Links Performance Tests, 2STP and 5ESS Switch

256-041 NSCX (Network Services Complex) and SCS

256-041-100	6	Network Services Complex (NSCX) J4A017 (5-93)
256-041-101	1	Common Channel Signal System — Theory Network Services Complex J4A017
■ 256-041-110	1	Software Description
▲Addendum	1	
▲256-041-300	2	Network Services Complex (NSCX) Growth and Additions — Common Channel Signaling System (5-93)
▲Addendum	1	
▲256-041-500	5	Network Services Complex (NSCX) Maintenance — Common Channel Signaling System (5-93)

256-070 Network Administration

● 256-070-103	1	Network Administration Center (CNAC) — Cutover/Conversion Coordination
256-070-104	1	Network Administration Center (CNAC) — Signaling Link Provision
256-070-105	1	No. 1 Signal Transfer Point — Reload Process
256-070-107	1	Voice Frequency Links — In-Effect Reporting
■ 256-070-200AC	1	Network Performance Measurement Plan — Description — Network Switched Services — Network Control Point
256-070-201	1	Network Signaling Performance Measurement Plan — Monitoring Interoffice Signaling at a No. 1 Signal Transfer Point
■ 256-070-202AC	1	Network Performance Measurement Plan Description — Network Switched Service No. 2 Signal Transfer Point

Number	Issue	Subject
256-071 System Planning		
256-071-105	2	Signaling System 7 Link Engineering and Planning System (booklet and 2 disketts) (2-93)

256-090 CNI (Common Network Interface)**CNI Generic 3.3.8 for the Service Control Point II (SCPII)**

■ 256-090-100	1	CNI System Description Manual
■ 256-090-101	1	CNI Operations and Maintenance Manual
■ 256-090-102	1	CNI Maintenance Manual
■ 256-090-103	1	CNI Support Manual
■ 256-090-104	1	CNI Input Message Manual
■ 256-090-105	1	CNI Output Message Manual

CNI5

■ 256-090-136	2	Message Trap Job Aid
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CNI7

■ 256-090-170	1	CNI System Description Manual
■ 256-090-171	1	CNI Operations Manual
■ 256-090-172	1	CNI Maintenance Manual
■ 256-090-173	1	CNI Support Manual
■ 256-090-174	1	CNI Input Message Manual
■ 256-090-175	1	CNI Output Message Manual
■ 256-090-176	1	CNI Processor Recovery Messages Manual
■ 256-090-177	1	CNI Feature Description Manual

CNI8.4 for the 4ESS™ Switch

■ 256-090-180	1	CNI System Description Manual
■ 256-090-181	1	CNI Operations Manual
■ 256-090-182	1	CNI Maintenance Manual
■ 256-090-183	1	CNI Support Manual
■ 256-090-184	1	CNI Input Message Manual
■ 256-090-185	1	CNI Output Message Manual
■ 256-090-186	1	CNI Processor Recovery Messages Manual
■ 256-090-187	1	CNI Feature Description Manual

256-098 Customer Information Releases (CIRs)

■ 256-098-003 TD	1	No. 1A Network Control Point — Direct Services Dialing (DSD) Application — Generic 1DSD4 (Technical Description)
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Number	Issue	Subject
■ 256-098-004 TD	1	No. 1A Network Control Point (NCP) Support Software (NSPS) — Generic 1NCP4 (Technical Description)

256-099 General Distribution CIR

256-099-002NP	1	2/2A STP (Signal Transfer Pt.) GC37
256-099-003IR	2	Spares Exchange Services — Signaling Products (SES-SP and SES-SP-PLUS) — Switching Systems
256-099-005NP	1	2/2A Signal Transfer Point (STP)
256-099-006NP	1	2/2A Signal Transfer Point (STP), Generic 5, Switching Systems
256-099-008MG	1	First Service Application (FSA) Tests for Route Set Test (RST) Message H1 Field Encoding Change for No. 2/2A Signal Transfer Point (2/2A STP), Switching Systems
256-099-009IR	1	CCS7 Local Exchange Carrier (LEC) Network Documentation, Switching Systems
256-099-010NP	1	A-I-NET™ Signal Transfer Point (STP) — Releases 0 and 1 — Switching Systems
256-099-012NP	9/93	A-I-NET Signal Transfer Point Rel 2

256-1 1A/1B NCP (No. 1A and 1B Network Control Point)

■ 256-100-010	1	No. 1 Network Control Point (em Operation, Administration, and Maintenance
256-100-100	3	Description — No. 1B
■ 256-100-100AC	3	Description
256-100-101	1	Interprocessor Link — Description
■ 256-100-103AC	1	Controlled Maintenance Plan
256-100-105	3	Local Maintenance Position — Description — No. 1A and No. 1B
256-100-106	2	Ring Node Frame/Cabinet — Description — No. 1A and No. 1B
256-100-107	2	Digital Facility Access Frame/Cabinet — Description — No. 1A and No. 1B

Number	Issue	Subject	Number	Issue	Subject
256-100-108	2	Synchronous Data Links — Description — No. 1B	■ 256-101-033	1.6	No. 1A Network Control Point — Operation Instructions — 1NCP9.1 Generic
■ 256-100-108AC	2	Synchronous Data Links — Description	256-101-120	2.1	1NCP8.2 Software Description
256-100-300	1	Support Software — Loading Procedure	256-101-121	2.3	1NCP8.2 Input Messages
256-100-301	1	Broadcast Warning Messages — Implementation	256-101-122	2.3	1NCP8.2 Output Messages
■ 256-100-302AC	2	System Evaluation Procedures	■ 256-101-124	1.1	No. 1A Network Control Point — NCP Support Software (NSPS) — Software Description — 1NCP8.1
256-100-310	1	Application Programs — Loading Procedures	■ 256-101-125	1.1	No. 1A Network Control Point — NCP Support Software (NSPS) — Input Messages — 1NCP8.1
256-100-320	1	Application Programs — Activation and Deactivation Procedures	■ 256-101-126	1.1	No. 1A Network Control Point — NCP Support Software (NSPS) — Output Messages — 1NCP8.1
256-100-501	2	System Status Displays — No. 1B	■ 256-101-130	1.1	No. 1A Network Control Point — NCP Support Software (NSPS) — Software Description — 1NCP9.1 Generic (5-93)
■ 256-100-501AC	1	System Status Displays	■ 256-101-131	1.3	No. 1A Network Control Point — NCP Support Software (NSPS) — Input Messages — 1NCP9.1 Generic
■ 256-100-502AC	1	Operational Review	■ 256-101-132	1.3	No. 1A Network Control Point — NCP Support Software (NSPS) — Output Messages — 1NCP9.1 Generic
■ 256-100-503AC	2	System Status Displays — No. 1A	256-101-210	1	1CCC2.1 Application Description (1-95)
256-100-560	1	Interprocessor Link — Maintenance	256-101-211	1	1CCC2.1 Input Messages (1-95)
256-100-580	3	Synchronous Data Links — Maintenance and Testing	256-101-212	1	1CCC2.1 Output Messages (1-95)
256-101 No. 1A Network Control Point (1ANCP) Product Documents for NSD			■ 256-101-310	1.1	No. 1A Network Control Point — Intelligent Call Processing (ICP) — Application Description — 1ICP1.1 Generic
256-101-020	2	CP8.2 Documentation Guide	■ 256-101-311	1.1	No. 1A Network Control Point — Intelligent Call Processing (ICP) — Input Messages — 1ICP1.1 Generic (10-93)
256-101-021	2.4	1NCP8.2 System Description	■ 256-101-312	1.1	No. 1A Network Control Point — Intelligent Call Processing (ICP) — Output Messages — 1ICP1.1 Generic (10-93)
256-101-022	2.3	1NCP8.2 System Reference Manual	■ 256-101-430	1.2	No. 1A Network Control Point — Universal Global Title Translation (UGT) — Application Description — 1UGT1.2 Generic (3-94)
■ 256-101-023	2.10	1NCP8.2 Operation Instructions Guide			
■ 256-101-024	1	1NCP8.1 Documentation Guide (Release 2) Generic (5-93)			
■ 256-101-025	1	1NCP8.1 System Description (Release 2) Generic (5-93)			
■ 256-101-026	1	1NCP8.1 System Reference Manual (Release 2) Generic (5-93)			
■ 256-101-027	1.1	1NCP8.1 System Operating Instructions			
■ 256-101-030	1	No. 1A Network Control Point — Documentation Guide 1NCP (1-93)			
■ 256-101-031	1.1	No. 1A Network Control Point — System Description — 1NCP9.1 Generic			
■ 256-101-032	1.1	No. 1A Network Control Point — System Reference Manual — 1NCP9.1 Generic			

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■ 256-101-431	1.4	No. 1A Network Control Point — Universal Global Title Translation (UGT) — Input Messages — 1UGT1.2 Generic	■ 256-101-711	1	No. 1A Network Control Point — Network Call Denial (NCD) — Operating Instructions — 1NCD3.1 Generic (8-93)
■ 256-101-432	1.3	No. 1A Network Control Point — Universal Global Title Translation (UGT) — Output Messages — 1UGT1.2 Generic	■ 256-101-712	1	No. 1A Network Control Point — Network Call Denial (NCD) — Operating Instructions — 1NCD3.1 Generic (8-93)
256-101-520	1.1	1CAS4.1 Application Description	■ 256-101-713	1	No. 1A Network Control Point — Network Call Denial (NCD) — Output Message Manual — 1NCD3.1 Generic (8-93)
256-101-521	1.1	1CAS4.1 Input Messages	256-101-820	1	1DSD8.1 Application Description
256-101-522	1.1	1CAS4.1 Output Messages	256-101-821	1.1	1DSD8.1 Input Messages (1-94)
■ 256-101-523	1.1	No. 1A Network Control Point — Customer Account Services (CAS) — Application Description — 1CAS5.1 Generic (2-94)	256-101-822	1.1	1DSD8.1 Output Messages (1-94)
■ 256-101-524	1.1	No. 1A Network Control Point — Customer Account Services (CAS) — Input Messages — 1CAS5.1 Generic (2-94)	■ 256-101-930	2.1	No. 1A Network Control Point — Line-Number Services Application (LSA) — Application Description — 1LSA1.1 Generic (1-93)
■ 256-101-525	1.1	No. 1A Network Control Point — Customer Account Services (CAS) — Output Messages — 1CAS5.1 Generic (2-94)	■ 256-101-931	1	No. 1A Network Control Point — Line-Number Services Application (LSA) — Input Messages — 1LSA1.1 Generic (1-93)
256-101-600	2	1 Network Control Point Data System (NCPDS) Users Guide (6-93)	■ 256-101-932	2	No. 1A Network Control Point — Line-Number Services Application (LSA) — Output Messages — 1LSA1.1 Generic
■ 256-101-610	1.1	No. 1A Network Control Point — INWATS Data Base (IDB) — Application Description — 1IDB4.1 Generic (2-93)	256-110 No. 2 NCP Product Documentation		
■ 256-101-611	1	No. 1A Network Control Point — INWATS Data Base (IDB) — Input Messages — 1IDB4.1 Generic (2-93)	2NCP Systems Documentation (CSG)		
■ 256-101-612	1.1	No. 1A Network Control Point — INWATS Data Base (IDB) — Output Messages — 1IDB4.1 Generic (2-93)	256-110-100	1	2NCP System Documentation Guide
■ 256-101-620	1.1	INWATS Data Base (IDB) Application Description — 1IDB5.1 Generic (3/94)	256-110-110	3	2NCP 3.0 System Description
■ 256-101-621	1	No. 1A Network Control Point — INWATS Data Base (IDB) Input Messages — 1IDB5.1 Generic (3/94)	256-110-111	1	2NCP 4.0 System Description Manual
■ 256-101-622	1	No. 1A Network Control Point — INWATS Data Base (IDB) Output Messages — 1IDB5.1 Generic (3/94)	■ 256-110-121	2	2DSD (Direct Service Dailing) — Engineering Guide
■ 256-101-710	1	No. 1A Network Control Point — Network Call Denial (NCD) — System Description — 1NCD3.1 Generic (8-93)	■ 256-110-122	1	2PCS System Engineering Guide V1
			■ 256-110-123	7	2DSA 2.0 Engineering Guide
			256-110-130	7	2NCP 3.0 System Administration Manual
			256-110-131	1.5	2NCP 4.0 System Administration Guide
			256-110-140	7	2NCP 3.0 System Maintenance Manual
			■ 256-110-141	1.4	2NCP 4.0 System Maintenance Guide

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256-110-150	8	2NCP 3.0 System MML Commands and Messages Manual	256-200-510	1	Software Measurements and Reports
■ 256-110-151	1.5	2NCP 4.0 System MML Commands and Messages Manual Vol. 2	256-210 No. 2 STP		
2NCP Special Documentation			■ 256-210-010	3	Operations, Administration and Maintenance
256-110-201	2	2NCP AS (Administrative System) Site Data Administration — User Guide (12-92)	■ 256-210-015	1	No. 2 STP CNOS Recent Change System User's Guide
256-110-202	2	2NCP AS (Administrative System) Network Table Administration — User Guide (12-92)	256-210-100	2	Description
256-110-203	2	2NCP AS (Administrative System) Administration Commands — User Guide (12-92)	256-210-101	2	Ring Node Frame — Description
256-110-204	2	2NCP AS (Administrative System) Monitors, Scheduler, Special Studies — User Guide (12-92)	256-210-102	2	Analog Facility Access Frame — Description
256-110-205	1	2NCP Analysis and Distribution System (NADS) On-Line Reports— User Guide	256-210-103	2	Digital Facility Access Frame — Description
256-112 No. 2 NCP Vendor Documents			256-210-104	2	Maintenance Data Set Frame — Description
256-112-000	--	2NCP FTX Document Set Note: Contains 256-112-110, -111, -120, -121	256-210-105	1	Office Service Frame — Description
256-112-110	1	2NCP FTX User's Guide (Release 1)	256-210-106	5/91	2STP Engineering Guide
256-112-111	1	2NCP FTX User's Reference Manual (Release 1)	256-210-110	2	Voice Frequency Link Test Set — Description
256-112-120	1	2NCP FTX System Administrator's Guide (Release 1)	256-210-111	2	No. 2 STP Engineering Guide V1 Generic 6
256-112-121	1	2NCP FTX System Administrator's Reference (Release 1)	■ 256-210-114	2	Security System (5-95)
256-2 STPs (Signal Transfer Points)			■ 256-210-116	2	No. 2 STP Engineering Guide Generic 7 (5-93) NOTE: Not for Coded Distribution
256-200 No. 1 STP			■ 256-210-120	1	No. 2 STP Generic 8 Engineering Guide (5-94)
256-200-100	2	Description	■ 256-210-125	1	No. 2 STP Engineering Guide V1 Generic 9 (1-95)
256-200-101	1	Controlled Maintenance Plan	256-220 No. 2A STP (Signal Transfer Point)		
256-200-300	1	Office Data Loading Procedure	256-220-099	1	Description
■ 256-200-321	1	Recovery From Catastrophic Failure	256-220-100	1	2ASTP Generic 2 Technical Specification
256-200-322	1	Emergency Recovery Flowchart	256-220-101	1	Ring Node Cabinet
			256-220-103	1	Digital Facility Access Cabinet — Description
			256-220-105	1	Office Services Cabinet — Description
			256-230-100	1	Common Channel Signaling Systems
			■ 256-240-050	1	No. 2/2A Signal Transfer Point — Operation, Administration, and Maintenance Manual

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■ Addendum	1	
256-240-100	1	Generic D4 Technical Specification
■ 256-240-105	1	Technical Specification (Generic 5)
■ 256-240-106	2	No. 2A STP Engineering Guide
■ 256-240-111	1	A-I-NET (No. 2A STP Generic 6) Engineering Guide for LEC
■ 256-240-112	1	Message Trap Job Aid 2STP
■ 256-240-113	2	Quick Reference Guide (3-92)
■ 256-240-116	1	A-I-Net STP — Engineering Guide (12-92)

256-3 Support Systems**256-310 No. 2 NCP Support Systems**

256-310-110	5	No.2 Network Control Point (2NCP) Direct Services Dialing (2DSD) Support Systems Manual (3.0)
256-310-111	2/95	No.2 Network Control Point (2NCP) Direct Services Dialing (2DSD) Inbound Features Manual
256-310-112	6	No.2 Network Control Point (2NCP) Direct Services Dialing (2DSD) Support System Manual (4.0)
256-310-120	2	2PCS Support System Manual (1.0)
256-310-130	1	2DSA Support System Manual (1.0)
■ 256-310-131	4/95	2DSA Outbound Features Manual
■ 256-310-132	2	2DSA Support System Manual (2.0) (4-94)
■ 256-310-140	1	2LAC Support System Manual (1.0) (8-94)
■ 256-310-142	1	2LAC Engineering Guide (10-94)

256-4 CCSS User Offices

256-410-100	1	Description and Requirements — No. 4A Toll Switching System
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256-9 International Documents**256-910/911 NCP (Network Control Point) International Documents****British Telecom**

256-910-022	D	NSPS Commands Manual
256-910-023	C	Application Commands Manual
256-910-024	D	NCP Commands and Reports Manual
256-910-025	C	Application Reports Manual
256-910-026	D	NCP Operation and Administration Manual
256-910-027	D	NCP Routine Maintenance Manual
■ 256-910-028	1	Intelligent Network Documentation Guide
■ 256-910-029	1	Intelligent Network Systems Manual

Spain Intelligent Network

256-910-101	I	NCP User's Manual Version 1 Generic 1NCPE2.1 1DSDE2.1 1ACCE2.1 — Project Spain
256-910-102	H	Commands and Reports Manual— NSPS Version 1 Commands — Project Spain
256-910-103	F	Commands and Reports Application Manual Version 1 — Spain Project
■ 256-910-104	I	Commands and Reports Manual 2 Volumes — NSPS Reports — Spain Project
■ 256-910-105	F	Commands and Reports Manual Version 1 — Application Reports — Project Spain
■ 256-910-110	A	NETDG Documentation Guide
■ 256-910-111	A	Intelligent Network Systems Manual

Italtel SIP Phase 2A NCP Intelligent Network User Documentation

256-910-201	F	NCP Users Manual V1
256-910-202	E	NCP CRM/NSPS Commands Manual
256-910-203	D	NCP CRM Application Commands Manual V1
256-910-204	D	NCP CRM NSPS Reports Manual V1

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256-910-205	E	NCP CRM Applications Reports Manual V1	256-910-315	H	NCP Application Reports Manual 3.2
■ 256-910-208	A	Documentation Guide V1	256-910-316	I	NCP Operation and Administration Manual 3.2
■ 256-910-209	A	Intelligent Network Systems Manual	256-910-317	I	NCP Routine/Corrective Maintenance Guide 3.2
Italtel SIP Phase 2b NCP Intelligent Network User Documentation			■ 256-910-318	1	Intelligent Network Documentation Guide
■ 256-910-210	--	NCP Complete Set	■ 256-910-319	1	Intelligent Network Systems Manual Italcable Intelligent
■ 256-910-211	A	NCP User's Manual	Korea NCP User Documentation		
256-910-212	H	NCP 3.2 NSPS Commands V1	■ 256-911-302	B	NCP NSPS Commands Manual
256-910-213	G	NCP Application/Commands Manual V1	■ 256-911-303	B	NCP Commands and Reports Applications Commands Manual
256-910-214	H	NCP NSPS Reports Manual V1	■ 256-911-304	B	NCP NSPS Reports Manual
256-910-215	H	NCP 3.2 Application/Reports Manual V1	■ 256-911-305	B	NCP Commands and Reports Applications Reports
256-910-216	I	NCP 3.2 Operation and Administration Manual V1	■ 256-911-306	B	NCP Operations and Administration
256-910-217	I	NCP 3.2 Routine Maintenance Manual V1	■ 256-911-307	B	NCP Routine and Corrective Maintenance
■ 256-910-218	2	Documentation Guide	■ 256-911-308	1	Intelligent Network — Documentation Guide
■ 256-910-219	1	Intelligent Network Systems Manual	■ 256-911-309	1	Intelligent Network — Systems Manual
Italtel Italcable Phase 1 NCP Intelligent Network User Documentation			Spain Virtual Private Network (VPN) 4.1		
256-910-301	E	NCP User's Manual	256-911-502	C	NCP 4.1 NSPS Commands and Reports Manual
256-910-302	E	NCP Commands and Report Manual V1 DEX	256-911-503	D	NCP 4.1 Application Commands Manual
256-910-303	D	NCP Commands and Reports Manual Application Commands Manual	256-911-504	C	NCP 4.1 NSPS Reports Manual (2 Vols.)
256-910-304	D	NSPS Commands and Reports Manual V2	256-911-505	C	NCP 4.1 Application Reports Manual
256-910-305	E	NCP Commands and Reports Manual Application Reports Manual	256-911-506	D	NCP 4.1 Operations and Administration Manual
256-910-308	A	Documentation Guide	256-911-507	C	NCP 4.1 Routine and Corrective Maintenance Guide V1
256-910-309	A	Italcable System Manual V1	SCP II International		
Italtel Italcable Phase 2 NCP Intelligent Network User Documentation			Italy (SIP) - SCP II 5.1 Documentation		
■ 256-910-311	A	NCP Users Manual	256-912-032	E	SCP II 5.1 Node Support System Commands Manual
256-910-312	H	NCP 3.2 NSPS Application Commands Manual V1	256-912-033	B	SCP II 5.1 Application Commands Manual
256-910-313	G	NCP Application Commands Manual V1			
256-910-314	G	NCP NSPS Reports Manual			

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256-912-034	E	SCP II 5.1 Node Support System Reports Manual	256-930 NSCX for International		
256-912-035	D	SCP II 5.1 Application Reports Manual	United Kingdom		
256-912-036	C	SCP II 5.1 Operations and Administration Manual	256-930-001	A	NSCX UK Commands and Reports Manual
256-912-037	E	SCP II 5.1 Routine and Corrective Maintenance Manual	256-930-002	A	NSCX UK Operation and Maintenance Manual
Teleway Japan SCP II Documentation			256-930-003	A	NSCX UK Hardware Manual
256-912-052	E	SCP II 5.1 NSPS Commands Manual	256-930-004	A	NSCX UK Functions Manual
256-912-053	C	SCP II 5.1 Application Commands Manual	256-930-010	A	NSCX UK Users Manual
256-912-054	E	SCP II 5.1 NSPS Reports Manual	Spain		
256-912-055	D	SCP II 5.1 Application Reports Manual	■ 256-930-101	D	NSCXCR Command Reports Manual
256-912-056	D	SCP II 5.1 Operations and Administration Manual	■ 256-930-102	D	NSCX Users Manual
256-912-057	E	SCP II 5.1 Routine and Corrective Maintenance Manual	Teleway Japan		
■ 256-912-058	1	Intelligent Network Documentation Guide	256-930-211	1	NSCX Commands and Reports Manual
■ 256-912-059	1	Intelligent Network Systems Introduction	256-930-212	1	NSCX Operations and Maintenance Procedures
Taiwan SCP II Documentation			256-930-213	1	NSCX Hardware Manual
256-912-062	C	SCP II 5.1 NSPS Commands Manual	256-930-214	1	NSCX Functions Manual
256-912-063	C	SCP II 5.1 Application Commands Manual	Teleway Taiwan		
256-912-064	D	SCP II 5.1 NSPS Reports Manual	■ 256-930-221	1	NSCX Commands and Reports Manual
256-912-065	C	SCP II 5.1 Application Reports Manual	■ 256-930-222	1	NSCX Operations and Maintenance Procedures
256-912-066	B	SCP II 5.1 Operations and Administration Manual	■ 256-930-223	1	NSCX Hardware Manual
256-912-067	D	SCP II 5.1 Routine and Corrective Maintenance Manual	■ 256-930-224	1	NSCX Functions Manual
■ 256-912-068	1	Intelligent Network Documentation Guide	Korea		
■ 256-912-069	2	Intelligent Network 9.2 System Introduction	256-930-301	A	Commands and Reports Manual
256-920 STP (Signal Transfer Point) International Documents			256-930-302	A	Operation and Maintenance Manual
■ 256-920-100AC	1	Product Release Document for Signal Transfer Point International Operations Division	256-930-303	A	Hardware Manual
			256-930-304	A	Functions Manual

Division 270

Advanced Intelligent Network (A-I-Net®) Products

270-0 Indexes and Information Releases

-099 Customer Information Releases (CIRs)

270-7 Advanced Intelligent Network (A-I-Net®) Products

-700 General

-710 A-I-Net Service Development

-720 A-I-Net Service Support

-730 A-I-Net Service Circuit Node (SCN)

-740 A-I-Net Service Control Point (SCP)

-750 A-I-Net Signal Transfer Point (STP)

-760 StarServer® FT Release 4.1 A-I-Net Service Circuit Node (SCN)

-770 StarServer FT Release 4.1 A-I-Net Service Control Point (SCP)

Number	Issue	Subject
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270-0 Index

270-0 Indexes and Information Releases

270-000-000	11	Numerical Index — Division 270 — Advanced Intelligent Network (A-I-Net®) Products (5-95)
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270-099 Customer Information Releases (CIRs)

■ 270-099-001	1	Spares Exchange Service for A-I-Net Service Circuit Node and Service Control Point Products (10-94)
■ 270-099-002IR	10/94	Automatic Speech Recognition (ASR) Images for A-I-Net Service Circuit Node (SCN) Product

270-7 Advanced Intelligent Network (A-I-Net®) Products

270-700 General

■ 270-700-010	1	A-I-Net Documentation Road Map (8-94)
■ 270-700-015	2.00	A-I-Net Feature Handbook
■ 270-700-100	1.00	A-I-Net Products On-Line Documentation — UNIX Tape (1-95)

Number	Issue	Subject
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■ 270-700-101	1.00	A-I-Net Products On-Line Documentation — CD-ROM (1-95)
■ 270-700-102	1.00	A-I-Net Products On-Line Documentation — UNIX CD-ROM (Release 4) (1-95)
■ 270-700-103	1.00	A-I-Net Products On-Line Documentation — UNIX Tape (Release 5) (5-95)
■ 270-700-104	1.00	A-I-Net Products On-Line Documentation — CD-ROM for Windows (Release 5) (5-95)
■ 270-700-105	1.00	A-I-Net Products On-Line Documentation — UNIX CD-ROM (Release 5) (5-95)

270-710 A-I-Net Service Development

Service Creation Environment (SCE)

■ 270-710-010	4	SCE System Description (8-94)
■ 270-710-012	3.2	SPA Development Process (4-95)
■ 270-710-014	5	SCP Actions and Events (3-95)
■ 270-710-016	4.01	SCN Actions and Events
■ 270-710-018	4	Using A-I-Net Network Programming Languages: SLL and DGL (8-94)
■ 270-710-028	5.00	SCE System Administration Guide (8-94)
■ 270-710-029	1	Using SCE Tools

Base Application Development Environment (BADE)

■ 270-710-110	2	Introducing the Base ADE (8-94)
■ 270-710-112	2.01	Using Base ADE Tools (12-94)
■ 270-710-114	2	Source, Executables, and Library Routines (8-94)
■ 270-710-116	2	Writing Service Circuit Handlers (8-94)
■ 270-710-124	2	Managing the Action Executor (AEX) Library (10-94)
■ 270-710-228	1	Using SCE Tools (Release 2)
■ 270-710-229	1	Using SCE Tools (Release 3)
■ 270-710-230	1	Using SCE Tools (Release 4) (8-94)
■ 270-710-231	1	Using SCE Tools (Release 5) (5-95)

TACSVAS

■ 270-710-302	1.01	TACSVAS Operations, Administration, and Maintenance
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Number	Issue	Subject	Number	Issue	Subject
270-720 A-I-Net Service Support					
A-I-Net Service Management System (SMS)					
■ 270-720-310	1	A-I-Net SMS Operations, Administration, and Maintenance (1-95)	■ 270-730-360	1	SCN Precutover and Cutover Procedures (Release 3)
■ 270-720-311	1	A-I-Net SMS Service Management Guide (1-95)	■ 270-730-361	1	SCN Precutover and Cutover Procedures (Release 4)
270-730 A-I-Net Service Circuit Node (SCN)					
General			Operations		
■ 270-730-010	4	SCN System Description (8-94) Note: Supports StarServer FT R2	■ 270-730-401	3.01	SCN SPA Operations, Administration, and Maintenance
■ 270-730-012	1	SCN Technical Specifications (Release 2)	■ 270-730-410	5.00	SCN System Operations and Administration (3-95)
■ 270-730-013	1	SCN Technical Specifications (Release 3)	■ 270-730-412	6.00	SCN Input Messages (3-95)
■ 270-730-014	1	SCN Technical Specifications (Release 4) (8-94) Note: Supports StarServer FT R2	■ 270-730-413	6.00	SCN Output Messages (3-95)
Engineering and Administration			■ 270-730-415	2	SCN Recent Change (Release 2)
■ 270-730-210	4	SCN Building Engineering Guidelines (8-94) Note: Supports StarServer FT R2	■ 270-730-416	1.02	SCN Recent Change and Verify (Release 3)
■ 270-730-211	2	SCN Traffic Engineering Guidelines (8-94)	■ 270-730-417	1	SCN Recent Change (Release 4)
■ 270-730-214	2.01	SCN Network Administration	■ 270-730-450	2	SCN Asserts Manual (8-94)
■ 270-730-222	1	SCN Equipment Engineering And Ordering Guidelines (Release 2)	■ 270-730-475	1	SCN Host Switch Translations (8-94)
■ 270-730-223	1	SCN Equipment Engineering And Ordering Guidelines (Release 3)	Maintenance		
■ 270-730-224	1.01	SCN Equipment Engineering And Ordering Guidelines (Release 4) (12-94) Note: Supports StarServer FT R2	■ 270-730-510	3	SCN Maintenance Reference Handbook Note: Supports StarServer FT R2
Installation			■ 270-730-511	3	SCN Preventive (Routine) Maintenance (8-94) Note: Supports StarServer FT R2
■ 270-730-311	1	SCN Retrofit and Growth Procedures (Release 2)	■ 270-730-512	3.01	SCN Corrective Maintenance Note: Supports StarServer FT R2
■ 270-730-312	1.01	SCN Retrofit and Growth Procedures (Release 3)	■ 270-730-513	3.02	SCN System Recovery Note: Supports StarServer FT R2
■ 270-730-313	1	SCN Retrofit and Growth Procedures (Release 4) (8-94) Note: Supports StarServer FT R2	270-740 A-I-Net Service Control Point (SCP)		
■ 270-730-314	1	SCN Retrofit and Growth Procedures (Release 5) for the StarServer FT 2 Computer (3-95)	General		
			■ 270-740-010	5.00	SCP System Description for the StarServer FT Release 2 Computer (3-95)
			■ 270-740-012	1	SCP Technical Specifications (Release 2)
			■ 270-740-013	1	SCP Technical Specifications (Release 3)
			■ 270-740-014	1	SCP Technical Specifications (Release 4) Note: Supports StarServer FT R2
			■ 270-740-015	1.00	SCP Technical Specifications (Release 5) for the StarServer FT Release 2 Computer (3-95)

Number	Issue	Subject
Engineering and Administration		
■ 270-740-210	4	SCP Building Engineering Guidelines (8-94) Note: Supports StarServer FT R2
■ 270-740-211	2	SCP Traffic Engineering Guidelines (8-94)
■ 270-740-214	3	SCP Network Administration (8-94)
■ 270-740-222	1	SCP Equipment, Engineering, and Ordering Guidelines (Release 2)
■ 270-740-223	1	SCP Equipment, Engineering, and Ordering Guidelines (Release 3)
■ 270-740-224	1.01	SCP Equipment, Engineering, and Ordering Guidelines (Release 4) Note: Supports StarServer FT R2
Installation		
■ 270-740-311	1	SCP Retrofit and Growth Procedures (Release 2)
■ 270-740-312	1.01	SCP Retrofit and Growth Procedures (Release 3)
■ 270-740-313	1	SCP Retrofit and Growth Procedures (Release 4) (8-94) Note: Supports StarServer FT R2
■ 270-740-314	1.00	SCP Retrofit and Growth Procedures (Release 5) for the StarServer FT Release 2 Computer (3-95)
■ 270-740-360	1	SCP Precutover and Cutover Procedures (Release 3)
■ 270-740-361	1	SCP Precutover and Cutover Procedures (Release 4)
Operations		
■ 270-740-401	3.01	SCP SPA Operations, Administration, and Maintenance (12-94)
■ 270-740-410	5.00	SCP System Operations and Administration (4-95)
■ 270-740-412	5.02	SCP Input Messages
■ 270-740-413	5.02	SCP Output Messages
■ 270-740-415	2	SCP Recent Change (Release 2)
■ 270-740-416	1.01	SCP Recent Change and Verify (Release 3)
■ 270-740-417	1.01	SCP Recent Change (Release 4) (12-94)
■ 270-740-418	1.00	SCP Recent Change and Verify (Release 5) (3-95)

Number	Issue	Subject
■ 270-740-450	2	SCP Asserts Manual (8-94)
Maintenance		
■ 270-740-510	4	SCP Maintenance Reference Handbook (8-94) Note: Supports StarServer FT R2
■ 270-740-511	3	SCP Preventive (Routine) Maintenance (8-94) Note: Supports StarServer FT R2
■ 270-740-512	3	SCP Corrective Maintenance (8-94) Note: Supports StarServer FT R2
■ 270-740-513	3	SCP System Recovery (8-94) Note: Supports StarServer FT R2

270-750 A-I-Net Signal Transfer Point (STP) 2000

Engineering and Administration		
■ 270-750-201	1	STP Rel. 2 Technical Specifications Guide
■ 270-750-202	1	STP Rel. 2 Engineering Guide NOTE: Not for Coded Distribution
Operations		
■ 270-750-401	1	STP System Description
■ 270-750-402	1	Operations and Maintenance Procedures: Ring and Link
■ 270-750-403	1	Operations and Maintenance Procedures Office, Routing, Network Systems
■ 270-750-404	1	Input Messages
■ 270-750-405	1	Output Messages
■ 270-750-407	1	Reference Manual — Vol 1: Display Pages, Audits — Vol 2: Diagnostics and Programs

270-760 StarServer FT Release 4.1 A-I-Net Service Circuit Node

General		
■ 270-760-010	1	System Description (8-94)
■ 270-760-012	1	Technical Specifications (8-94)
Engineering and Administration		
■ 270-760-210	1	Building Engineering Guidelines (8-94)
■ 270-760-224	1.01	Equipment Engineering and Ordering Guidelines (12-94)

Number	Issue	Subject
■ 270-760-225	1.00	A-I-Net SCN Software Release 5.0 Equipment Engineering and Ordering Guidelines for the StarServer FT Release 4.1 Computer (3-95)

Installation

■ 270-760-311	1.01	Retrofit and Growth Procedures (12-94)
■ 270-760-312	1.00	A-I-Net SCN Software Release 5.0 Retrofit and Growth Procedures for the StarServer FT Release 4.1 Computer (3-95)

Maintenance

■ 270-760-510	1	Maintenance Reference Handbook (8-94)
■ 270-760-511	1	Preventive (Routine) Maintenance (8-94)
■ 270-760-512	1	Corrective Maintenance (8-94)
■ 270-760-513	1.02	System Recovery

270-770 StarServer FT Release 4.1 A-I-Net Service Control Point**General**

■ 270-770-010	2.00	A-I-Net SCP System Description for the StarServer FT Release 4.1 Computer (3-95)
■ 270-770-012	1	Technical Specifications (8-94)
■ 270-770-013	1.00	A-I-Net SCP Release 5.0 Technical Specifications for the StarServer FT Release 4.1 Computer (3-95)

Engineering and Administration

■ 270-770-210	1	Building Engineering Guidelines (8-94)
■ 270-770-224	1.01	Equipment Engineering and Ordering Guidelines (12-94)
■ 270-770-025	1.00	A-I-Net SCP Release 5.0 Equipment Engineering and Ordering Guidelines for the StarServer FT Release 4.1 Computer (3-95)

Installation

■ 270-770-311	1	Retrofit and Growth Procedures (8-94)
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Number	Issue	Subject
■ 270-770-312	1.00	A-I-Net SCP Release 5.0 Retrofit and Growth Procedures for the StarServer FT Release 4.1 Computer (3-95)

Maintenance

■ 270-770-510	1	Maintenance Reference Handbook (8-94)
■ 270-770-511	1	Preventive (Routine) Maintenance (8-94)
■ 270-770-512	1	Corrective Maintenance (8-94)
■ 270-770-513	1.01	System Recovery

Division 300**Transmission Systems and Testing Cross-Reference List****300-0 Indexes and Cross-Reference List****-000 Index****-020 Cross-Reference List****-099 Customer Information Release (CIR)****-100 CD-ROM Media Documentation**

Number	Issue	Subject
300-0 Indexes and Cross-Reference List		
300-000 Index		
300-000-000	23	Numerical Index — Division 300 — Transmission Systems and Testing — Cross-Reference List
300-020 Cross-Reference List		
300-020-006	19	E Series to Plant Series
300-020-007	10	AB Series to Nine-Digit Number- ing Plan
300-099 Customer Information Release (CIR)		
300-099-001	1	Electronic Documentation for Transmission System Products

Number	Issue	Subject
300-100 CD-ROM Media Documentation		
300-100-010	1	Transmission Systems (CD-ROM) Note: This includes 300-100-011 through 300-100-019
300-100-011	1	SLC® Series 5— Does Not In- clude GTE Documents (CD- ROM)
300-100-012	1	SLC®-2000 (CD-ROM) Access System
300-100-013	1	DDM-Plus (CD-ROM)
300-100-014	1	DDM-1000 (CD-ROM)
300-100-015	1	DDM-2000— Includes OC-3 and OC-12— (CD-ROM)
300-100-016	1	FT-2000 (CD-ROM)
300-100-017	1	DACS II— PDS 24 Domestic (CD-ROM)
300-100-018	1	DACS III-2000 (CD-ROM)
300-100-019	1	DACS IV-2000 (CD-ROM)
300-100-020	1	CD ROM All Access Products
300-100-021	1	CD ROM DACSCAN™ C MOD
300-100-022	1	CD ROM DACSCAN T MOD
300-100-023	1	CD ROM I 2000
300-100-030	1	CD ROM All Transport Products

Division 301**Transmission Performance Measurement Plans****301-0 Index****301-1 Trunk Transmission Maintenance Measurement Plans**

- 121 Loss Component
- 122 Noise Component
- 123 Balance Component
- 124 Mechanized Summary Procedure
- 133 Balance Survey Methods
- 140 Network Trunk Transmission Measurement Plan

301-2 Connection Appraisal Plans

- 200 Connection Appraisal Index

Number	Issue	Subject
301-0 Index		
301-000-000	50	Numerical Index — Division 301 — Transmission Performance — Measurement Plans
301-1 Trunk Transmission Maintenance Measurement Plans		
Addendum	1	
301-120-100	2	General Description
301-120-500	4	Trunk Transmission Maintenance Index — Manual Summary Procedures
301-121 Loss Component		
Addendum	1	
301-121-100	2	General Description
Addendum	1	
301-121-300	2	Index Tables
Addendum	1	
301-121-500	4	Manual Summary Procedures

Number	Issue	Subject
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301-122 Noise Component

Addendum	2	
301-122-100	1	General Description 1
301-122-300	2	Index Tables
Addendum	1	
301-122-500	3	Manual Summary Procedures

301-123 Balance Component

301-123-100	5	General Description
301-123-300	2	Index Tables 1
301-123-500	4	Manual Summary Procedures

301-124 Mechanized Summary Procedure

301-124-100	1	General Description
301-124-110	1	Description of Outputs 1

301-133 Balance Survey Methods

301-133-100	4	General Description
301-133-500	3	Survey Procedures

301-140 Network Trunk Transmission Measurement Plan

301-140-100	1	General Description
301-140-110	1	Manual Trunk Transmission Tests — Summarization Procedures
301-140-120	1	Outgoing Trunk Transmission System and Automatic Transmission Measuring System — Summarization Procedures
301-140-130	1	Centralized Automatic Reporting on Trunks — Issue 2 (2CAROT2) Summarization Procedures
301-140-140	1	Centralized Automatic Reporting on Trunks — Issue 3 (2CAROT3) Summarization Procedures
301-140-150	1	NTTMP Data Transformation

301-2 Connection Appraisal Plans**301-200 Connection Appraisal Index**

301-200-100	3	Network Interoffice Transmission Measurement Plan Description
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Division 304**Transmission Data****304-0 Index, General Information and Computation Aids****304-1 Open Wire, Multiple Wire and Cable Data****304-2 Equipment Data****304-3 Insertion Loss, Reflection Loss, Circuit Junction Loss, and Transducer Loss Data****304-4 Return Loss Data****304-5 Crosstalk Data****304-6 Systems Data**

Number	Issue	Subject
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304-0 Index, General Information and Computation Aids**304-000 Index**

304-000-000	25	Numerical Index — Division 304 — Transmission Data
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304-001 Test Line Directories

304-001-100	2	Transmission Losses Introduced by Reflection Effects
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304-005/010 Computation Aids

304-005-100	1	Relation Between dB and Power Ratio — Gains
304-006-100	1	Relation Between dB and Voltage or Current Ratio — Gains
304-007-100	1	Combination of Two Quantities in Decibels
304-008-100	1	Reflection Losses — Decibels
304-008-101	1	Alignment Chart for Reflection Losses — Decibels
304-009-100	1	Charts for Evaluation of Complex Quantities
304-010-100	1	Sampling — Table of Random Decimal Digits

Number	Issue	Subject
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304-015/022 Charts for Determination of Input Impedance of Cables**Input Impedance of Non-Loaded Cable with any Termination**

304-015-100	2	General
304-016-100	1	19 Gauge — ANB, DNB
304-017-100	1	19 Gauge — CNB, ENB
304-018-100	1	22 Gauge ASA, BSA, CSA
304-019-100	1	24 Gauge ASM, CSM
304-020-100	1	24 Gauge DSM
304-021-100	1	26 Gauge BST

Input Impedance of Loaded and Non-Loaded Cable — Arbitrary Lengths and Gauges

304-022-100	1	Determination of Input Impedance of Loaded and Non-Loaded Lines of Arbitrary Lengths and Terminations
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304-1 Open Wire, Multiple Wire and Cable Data**304-100/106 Open Wire Transmission Data**

Addendum	4	
304-100-100	1	Transmission Characteristics of Open Wire Circuits

Open Wire Losses at 1000 Cycles

304-101-100	3	Dry Weather Loss at 68 F°
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Open Wire Losses at Carrier Frequencies

304-102-100	4	Wet Weather Loss
304-102-101	2	Wet Weather Losses — 155 to 410 Kilocycles — Copper or Copper-Steel Wire
304-102-102	2	Dry Weather Losses
304-102-103	2	Dry Weather Losses — 155 to 410 Kilocycles — Copper or Copper-Steel Wire

Open Wire Impedance, Attenuation and Phase

304-105-100	1	104, 128 and 165 mil Copper — 12 Spacing — S and P
304-105-101	1	104, 128 and 165 mil Copper — 6 and 8 Spacing — S
304-105-102	2	80, 104-128 and 165 mil Copper-Steel (40) — 12 Spacing — S and P

Number	Issue	Subject
304-105-103	2	80, 104, 128 and 165 mil Copper-Steel (40) — 8 Spacing — S and P
304-105-104	1	104 and 128 mil Copper-Steel (30) — 8 and 12 Spacing — Side Circuits
304-105-105	1	80 mil Copper, 109 and 134 mil Steel — 12 Spacing S and P

304-110/112 Multiple Wire Transmission Data**Primary and Secondary Constants**

304-110-100	2	B Rural Distribution Wire — Primary
304-110-101	2	B Rural Distribution Wire — Secondary
304-111-100	1	B Urban Wire — Primary
304-111-101	1	B Urban Wire — Secondary
304-112-100	1	C Rural Wire — Primary
304-112-101	1	C Rural Wire — Secondary
304-113-100	1	D Underground Wire

304-120/177 Cable Transmission Data**Cable Data**

304-120-100	1	Transmission Characteristics of Non-Loaded Toll and Toll Entrance Cable Pairs
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Primary and Secondary Constants

304-130-100	2	16 Gauge NH-TH — Primary
304-130-101	2	16 Gauge TH — Secondary
304-131-100	3	19 Gauge ANB, DNB, GNB Primary
304-131-101	3	19 Gauge ANB, DNB, GNB Secondary
304-131-102	1	19 Gauge ANB, DNB — Hyperbolic Functions of Propagation Constants
304-132-100	3	Primary Constants of Nonloaded Cable — 19 Gauge CNB, ENB, FNB
304-132-101	3	Secondary Constants of Nonloaded Cable — 19 Gauge CNB, ENB, FNB
304-132-102	1	19 Gauge CNB, ENB, Hyperbolic Functions of Propagation Constants
304-133-100	3	Primary Constants of Non-Loaded Cable — 22 Gauge ASA, BSA, CSA, DSA, ESA

Number	Issue	Subject
304-133-101	3	Secondary Constants of Non-Loaded Cable — 22 Gauge ASA, BSA, CSA
304-133-102	1	22 Gauge ASA, BSA, CSA — Hyperbolic Functions of Propagation Constants
304-134-100	2	24 Gauge ASM, CSM — Primary
304-134-101	2	24 Gauge ASM, CSM — Secondary
304-134-102	1	24 Gauge ASM, CSM — Hyperbolic Functions of Propagation Constants
304-135-100	3	24 Gauge DSM — Primary
304-135-101	3	24 Gauge DSM — Secondary
304-135-102	1	24 Gauge DSM — Hyperbolic Functions of Propagation Constants
304-136-100	2	26 Gauge AST — Primary
304-136-101	2	26 Gauge AST — Secondary
304-136-102	1	26 Gauge AST — Hyperbolic Functions of Propagation Constants
304-137-100	3	26 Gauge BST — Primary
304-137-101	3	26 Gauge BST — Secondary
304-137-102	1	26 Gauge BST — Hyperbolic Functions of Propagation Constants

Secondary Constants of Loaded Cable

304-140-100	2	19 Gauge DNB — B88 Loading
304-140-101	2	19 Gauge DNB — D88 Loading
304-140-102	2	19 Gauge DNB — H44 Loading
304-140-103	2	19 Gauge DNB — H88 Loading
304-141-100	2	19 Gauge CNB, ENB, FNB — B88 Loading
304-141-101	2	19 Gauge CNB, ENB, FNB — B135 Loading
304-141-102	2	19 Gauge CNB, ENB, FNB — D88 Loading
304-141-103	2	19 Gauge CNB, ENB, FNB — H44 Loading
304-141-104	2	19 Gauge CNB, ENB, FNB — H88 Loading
304-142-100	2	22 Gauge ASA, BSA, CSA, DSA, ESA — B88 Loading
304-142-102	2	22 Gauge ASA, BSA, CSA, DSA, ESA — D88 Loading
304-142-103	2	22 Gauge ASA, BSA, CSA, DSA, ESA — H44 Loading

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304-142-104	2	22 Gauge ASA, BSA, CSA, DSA, ESA — H88 Loading
304-143-100	1	24 Gauge ASM, CSM — B88 Loading
304-143-101	1	24 Gauge ASM, CSM — H44 Loading
304-143-102	1	24 Gauge ASM, CSM — H88 Loading
304-144-100	2	24 Gauge DSM — B88 Loading
304-144-101	2	24 Gauge DSM — D88 Loading
304-144-102	2	24 Gauge DSM — H44 Loading
304-144-103	2	24 Gauge DSM — H88 Loading
304-145-100	1	26 Gauge AST — H88 Loading
304-146-100	2	26 Gauge BST — H88 Loading

Cable Impedance Data**Input Impedance of Non-Loaded Cable With Short-Circuit and Open-Circuit Termination**

304-150-100	1	19 Gauge CNB
304-151-100	1	22 Gauge CSA
304-152-100	1	24 Gauge DSM

Input Impedance of Loaded Cable with Short-Circuit and Open-Circuit Termination

304-153-100	1	22 Gauge CSA — H44 Loading
304-153-101	1	22 Gauge CSA — H88 Loading

Attenuation of Miscellaneous Cables at 1000 HZ

304-160-100	4	Outside Plant Cable and Paired Conductor Facilities
304-161-100	1	Toll Cable Facilities with Common Types of Loading
304-161-101	1	Toll Cable Facilities with Unusual Types of Loading
304-162-100	1	Exchange Type Cables in Toll Circuits
304-163-100	1	Entrance and Intermediate Cables
304-164-100	1	Non-Loaded Facilities — From Length and Resistance

Cable Losses at Carrier Frequencies

304-165-100	1	Entrance Cables
304-166-100	1	K Carrier Cables
304-167-100	2	16 ga. Toll Cable
304-167-101	2	16 ga. NH Cable

Number	Issue	Subject
304-168-100	2	19 ga. Toll Cable
304-168-101	2	19 ga. DNB Cable
304-168-102	2	19 ga. CNB or ENB Cable
304-168-103	2	19 ga. PIC Cable
304-168-104	1	19 ga. PIC Cable
304-169-100	2	22 ga. ANA Cable
304-169-101	3	22 ga. CSA Cable
304-169-102	1	22 ga. PIC Cable
304-170-100	2	24 ga. CSM Cable
304-170-101	2	24 ga. DSM Cable
304-171-100	1	Cable Loss at 772 Kilocycles for Engineering T1 Carrier Systems
304-172-100	1	Frequency-Attenuation Characteristics — WE® CA-1878 Cable (Polyethylene Jacketed, Single, .375 Coaxial)

Quadded Cable Impedance Attenuation and Phase Data

304-175-100	1	19, 16, 13 and 10 ga. Cable (.062 uf/mi) Non-Loaded Cable
304-175-102	1	19 and 16 Gauge H-86-32 Loaded Cable
304-175-103	1	19 Gauge H-88-50 Loaded Cable
304-175-104	1	19 Gauge B-88-50 Loaded Cable
304-175-105	1	19 and 16 Gauge 44-25 Loaded Cable
304-176-100	1	Transmission Characteristics Polyethylene Insulated Video Pairs — 16 PSV and 16 PEV

304-2 Equipment Data**304-200 Graphical Determination of Input Impedance of Repeating Coil With Any Terminating Impedance**

304-200-100	1	General
304-200-101	1	94E Coil
304-200-102	1	94F Coil
304-201-100	1	120C Coil
304-201-101	1	120D Coil
304-201-102	1	120E Coil
304-201-103	1	120CS Coil
304-201-104	1	120DS Coil

Number	Issue	Subject
Equipment Losses at 1000 Cycles		
304-203-100	1	Composite Sets
304-204-100	2	Repeating Coils — General
304-204-101	1	4-Wire Repeating Coils and Associated Equipment
304-204-102	2	Hybrid Repeating Coils — 2-Wire Cable Circuits
304-204-103	1	V-1 Hybrid Repeating Coils — Open Wire
304-204-104	2	Hybrid Repeating Coils No. 4 Toll Switching System
304-205-100	4	4-Wire Terminating Sets
304-206-100	1	Combinations of Line Equipment for Open Wire
304-207-100	2	Signaling Equipment — Equipment Losses
304-208-100	1	Miscellaneous Equipment and Arrangements
304-209-100	2	Miscellaneous Carrier Equipment
304-210-100	1	Special Equipment for Telephotograph Circuits

Equipment Losses at Carrier Frequencies

304-220-100	2	Miscellaneous Line Equipment
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Equivalent T-Networks for Equipment

304-230-100	1	46, 62, 75, 91, and 93 Type Repeating Coils
304-230-101	1	Unity Ratio 94, 101 and 120 Type Repeating Coils
304-231-100	1	16A (14A) Autotransformer
304-231-101	1	16B (14B) Autotransformer
304-231-102	2	24A Autotransformer
304-231-103	1	D85697 Autotransformer
304-232-100	1	Terminal Composite Sets

304-3 Insertion Loss, Reflection Loss, Circuit Junction Loss, and Transducer Loss Data**Insertion Loss at Voice Frequencies**

304-300-100	1	Loss at 1000 Hz Due to Insertion of Short Lengths of Non-Loaded Quadded Cable in O.W. Circuits
304-300-101	1	Insertion Losses of Nonloaded Cable Pairs — 26 BST, 24 DSM, 22 CSA, 19 CNB and 19 DNB Gauges

Number	Issue	Subject
304-300-102	1	Length — Resistance — Insertion Loss — Nonloaded High-Capacitance Cable Pairs
304-300-103	1	Insertion Loss of Office Cable, 0.5 to 3.5 kHz

Insertion Loss at Carrier Frequencies

304-301-100	1	Loss Due to Insertion of 13, 16 and 19 ga. Non-Loaded Cable in Open Wire Circuits
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Reflection Loss at 1000 Cycles

304-302-100	1	Junction of Open Wire and Loaded Cable
304-303-100	1	Junction of Non-Loaded Cable with Other Facilities

Reflection and Junction Loss — Carrier Frequencies

304-304-100	1	772 KC — Junction Loss in DB for Engineering T1 Carrier Systems
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Transducer Loss

304-305-100	2	Transducer Loss for Cable Facilities — Manual Calculation Methods
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304-4 Return Loss Data**Repeater Section Return Loss and Singing Point**

304-400-100	1	Toll Cable — Singing — (Nominal Values)
304-400-101	1	Toll Cable — Echo

Structural Return Losses

304-401-100	1	Toll Cable — Structural Return Loss and Singing Point
304-402-100	1	Open Wire — Structural Singing Point
304-403-100	1	For Stability and Singing Margin Design Purposes Exchange Area Facilities
304-403-101	1	Adjustments for Short Lengths of Loaded Facility
304-404-100	1	Computed Structural Return Losses in the Echo Range — Exchange Area Facilities

Number	Issue	Subject	Number	Issue	Subject
Circuit Junction Return Loss			304-414-100	1	Non-Loaded Cable in Open Wire
304-405-100	1	Loaded Entrance Cable Vs. 8 Copper Open Wire Sides	304-415-100	1	Loaded Intermediate Cable in Open Wire
304-405-101	1	Loaded Entrance Cable Vs. 12 Copper Open Wire Sides	304-416-100	1	Change in Type of Open Wire
304-405-102	1	Loaded Entrance Cable Vs. 18 Copper Open Wire Sides	Intermediate Equipment Return Loss		
304-405-103	1	Loaded Entrance Cable Vs. Copper Open Wire Phantoms	304-420-100	1	16A, 16B and D-85697 Auto-transformers
304-406-100	1	Toll Cable Vs. Open Wire, Toll Cable Vs. Toll Cable, Open Wire Vs. Open Wire	304-421-101	1	24A Autotransformer and N.L. Cable
304-407-100	1	Open Wire Vs. Open Wire (12 Sides) of Unusual Gauges and Material	304-422-100	1	28B (30B) Filter
304-408-100	1	Between Loaded Facilities	304-423-100	1	36B and 34A Filters — 51A and 52A Filters
304-408-101	1	Between Loaded and Non-Loaded Facilities	304-424-100	1	85C (86A) Filter
304-408-102	1	Between Mixed Gauge Non-Loaded Facilities	304-425-100	1	102A Filter
304-408-103	1	Facility Losses at 68F for Referring Return Loss in Computing Line Section Return Loss	304-426-100	1	121A Filter
304-408-104	1	Facility Losses Adjusted to Allow for Temperature Variations of Aerial Cable in Computing Line Section Return Loss	304-5 Crosstalk Data		
304-409-100	1	Chart for Obtaining the Reference Deviation of a Loading System	Open Wire Crosstalk — Far End Type Unbalance Times Frequency — Real and Imaginary Components		
304-409-101	1	Typical Improvement in Structural Return Loss with Deviation Test Splicing — Exchange Area Facilities	304-500-100	1	Data for Relative Types A/A to H/H and I/I to P/P
304-410-100	1	Effect of Series Type Negative Impedance Repeater on Line Return Loss	304-500-101	1	Data for Relative Types A/A to H/H and I/I to P/P
304-410-101	1	Effect of Series Type Negative Impedance Repeater on Echo Return Loss	304-500-102	1	Data for Relative Types A/B to A/P
Intermediate Line Irregularity Return Loss			304-500-103	1	Data for Relative Types B/C to B/P
304-412-100	1	Loading Irregularity Return Losses	304-500-104	1	Data for Relative Types C/D to C/P
304-412-101	1	Excess or Deficient Loading Section Capacitance or Inductance	304-500-105	1	Data for Relative Types D/E to D/P
304-412-102	1	Computed Echo Return Loss Due to Loading Irregularities Exchange Area Facilities	304-500-106	1	Data for Relative Types E/F to E/P
			304-500-107	1	Data for Relative Types F/G to F/P
			304-500-108	1	Data for Relative Types G/H to G/P
			304-500-109	1	Data for Relative Types H/I to H/P
			304-500-110	1	Data for Relative Types I/J to I/P and J/K to J/P
			304-500-111	1	Data for Relative Types K/L to K/P and L/M to L/P
			304-500-112	1	Data for Relative Types M/N to M/P, N/O to N/P and O/P

Number	Issue	Subject
Crosstalk Couplings		
304-501-100	1	Relation Between Coupling DBX and Crosstalk Units (CU)
304-501-101	1	Relation Between Coupling in DBX and (CU)2 in Thousands
304-501-102	1	Relation Between Coupling in DBX, Number of Occurrences and CU2 in Thousands
304-502-100	1	Effective Voice-Frequency Crosstalk Coupling in DBX — Near-End Bare-Line Coupling Between Quads — Short-Pair-Twist Quadded Cables Spliced as a Single Group
304-503-100	1	Typical Near-End Crosstalk Couplings (dbx) — Long Lengths — Exchange Facilities — Staggered Twist Construction — Voice Frequencies
304-504-100	1	Typical Pair-to-Pair Equal Level Far-End Crosstalk Coupling Losses at 165KC — 19 Gauge Toll Cables
304-505-100	2	Carrier Frequency Crosstalk — 13, 16 and 19 Gauge — Toll Entrance Cables
304-506-100	1	Typical Pair-to-Pair Equal Level Far-End Cross-talk Coupling Losses at 165KC — Exchange Cables
304-510-100	1	Crosstalk Couplings — Coordination of Carrier Systems — Staggering Advantages

Number	Issue	Subject
304-6 Systems Data		
Network Data		
304-600-100	1	Regulating Networks
Via Net Loss Factors		
304-601-100	5	Via Net Loss Factors (VNLf)
Distortion Transmission Impairments — Terminating Traffic		
Frequency Allocations		
304-605-100	4	Open-Wire and Cable Carrier Telephone Systems
304-605-101	1	Coaxial Cable and Microwave Radio Systems
304-605-102	2	Carrier Telegraph Systems

Division 309**Switched Services Networks****309-0 Index and Equipment Test Lists****309-1 Switched Services Networks****309-2 Switched Services Networks Using Central Office Switching Machines**

-200 CCSA (Common Control Switching Arrangements), AUTOVON (Automatic Voice Network), Transmission Tests, and Special Service Circuits

-203 NORAD/ADC Network

-270 SAGE-AUTOVON (Semi Automatic Ground Environment - Automatic Voice Network) Access Line Test Position

-285 Office Wiring and Equipment Losses — 4-Wire Switching Offices

-290 Manual Conference Circuit — 4-Wire No. 5 Crossbar Offices With 5C or 5D Switchboard

-291 Automatic Conference Circuit — 4-Wire No. 5 Crossbar Offices

-292 AUTOVON and FTS (Federal Telecommunications System)

309-3 EPSCS (Enhanced Private Switched Communications Service)**309-4 ETN (Electronic Tandem Network)****309-5 Premises Based Networks****309-6 DCTN (Defense Commercial Telecommunications Network)**

Number	Issue	Subject
309-0 Index and Equipment Test Lists		
309-000-000	63	Numerical Index — Division 309 — Division Services Networks (2-95)
309-001-011	5	Equipment Test List
■ 309-001-011AC	6	Equipment Test List

309-1 Switched Services Networks

309-100-000	1	General Description
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Number	Issue	Subject
■ 309-100-004AC	1	All Networks — Trouble Handling (Customer Contact)
309-100-005	1	All Networks — General Network Analysis

309-2 Switched Services Networks Using Central Office Switching Machines**309-200 CCSA (Common Control Switching Arrangements), AUTOVON (Automatic Voice Network), Transmission Tests, and Special Service Circuits**

309-200-000	3	CCSA — General Description
■ 309-200-000AC	4	CCSA — General Description
309-200-001	5	CCSA — General Procedures and Responsibilities
■ 309-200-001AC	1	CCSA and SCAN (Switched Circuit Automatic Network) — General Procedures and Responsibilities
309-200-004	3	CCSA — Trouble Reporting Procedures
■ 309-200-004AC	1	CCSA — Trouble Reporting Procedures
■ Appendix 1AC	1	SCAN (Switched Circuit Automatic Network) — AUTOVON — Trouble Reporting Procedures
■ Appendix 2AC	1	CCSA — FTS (Federal Telecommunications System) — Trouble Reporting Procedures
■ Appendix 3AC	1	AUTOVON Subnetwork — NORAD/SAGE (North American Air Defense/Semi Automatic Ground Equipment) — Trouble Reporting Procedures
■ Appendix 4AC	1	AUTOVON Subnetwork — NORAD Alerting System — Trouble Reporting Procedures
309-200-005	3	CCSA — Network Analysis Procedures
309-200-007	8	CCSA — Network and Office Numbers
309-200-010	3	CONUS AUTOVON — Network Traffic Management
309-200-101	2	AUTOVON — Description
309-200-102	1	AUTOVON — Procedures and Responsibilities
309-200-150	1	AUTOVON 4-Wire No. 5 Crossbar Offices — Supervisory Signaling Supplementary Information

Number	Issue	Subject
309-200-151	1	AUTOVON 4-Wire 1 ESS™ Switches — Supervisory Signaling Supplementary Information
■ 309-200-300AC	1	CCSA — Service Maintenance
■ Appendix 1AC	1	CCSA — Service Maintenance — Tests and Limits (Interoffice Channels)
■ Appendix 2AC	1	CCSA — Special (Local Channel or Coordinated) Access and Switched (Coordinated Only) Access — Tests and Limits (Access Service)
■ Appendix 3AC	1	CCSA — Total Service and Coordinated Service Circuits — Tests and Limits (End-to-End Requirements)
■ Appendix 4AC	1	CCSA — Channel Derivation Equipment — Special Access Termination — Translation/Transmission Verification Procedures
■ 309-200-301AC	1	AUTOVON — Service Maintenance
■ Appendix 1AC	1	AUTOVON — Service Maintenance — Tests and Limits (Interoffice Channels)
■ Appendix 2AC	1	AUTOVON — Special (Local Channel or Coordinated) Access and Switched (Coordinated Only) Access — Tests and Limits (Access Service)
■ Appendix 3AC	1	AUTOVON — Total Service and Coordinated Service Circuits — Tests and Limits (End-to-End Requirements)
309-200-302	1	Government Special Service Circuits for the President of the United States — Service Maintenance
309-200-500	2	4-Wire No. 5 Crossbar Offices — Transmission Testing Methods
309-200-509	1	CCSA — AMA (Automatic Message Accounting) Sampling
309-200-520	1	2-Wire 1 ESS Switches — Transmission Testing and Through and Terminal Balancing Procedures
309-200-550	1	2-Wire No. 5 Crossbar Offices — Balance Testing Methods

Number	Issue	Subject
309-203 NORAD/ADC Network		
309-203-100	1	Description
309-204 Bell Atlantic Full Service Network		
Network Interfaces		
309-204-121	1	Bell Atlantic Full Service Network: Unidirectional 44.736 Mb/s DS3 Digital Broadcast Interface
309-270 SAGE-AUTOVON (Semi Automatic Ground Environment - Automatic Voice Network) Access Line Test Position		
309-270-100	1	Description
309-270-200	1	Identification, Installation, and Connections
309-285 Office Wiring and Equipment Losses — 4-Wire Switching Offices		
309-285-500	1	Measurement and Adjustment
309-290 Manual Conference Circuit — 4-Wire No. 5 Crossbar Offices With 5C or 5D Switchboard		
309-290-100	1	Description
309-290-500	1	Service Maintenance
309-291 Automatic Conference Circuit — 4-Wire No. 5 Crossbar Offices		
309-291-100	1	Description
309-291-500	1	Initial Order and Routine Tests
309-292 AUTOVON and FTS (Federal Telecommunications System)		
309-292-100	1	Modular Automatic Conference Arrangement
309-292-200	3	FTS 2000 Integrated Custom Network Reference Guide
309-3 EPSCS (Enhanced Private Switched Communications Service)		
■ 309-300-000AC	2	General Description
■ 309-300-001AC	3	General Procedures and Responsibilities

Number	Issue	Subject	Number	Issue	Subject
① 309-300-002	2	Customer Service Administrative Control Center — Description and Operations	309-4 ETN (Electronic Tandem Network)		
■ 309-300-002AC	1	Customer Service Administrative Control Center — Description and Operations	309-400-000	2	General Description
■ Appendix 1AC	1	Customer Service Administrative Control Center — Trouble Categories and System Reports	309-400-001	2	General Procedures and Responsibilities
① 309-300-003	2	Customer Network Control Center — Description and Operations	309-400-002	2	Customer Administration Center System — Customer Administration Panel (CAP) and Local Customer Administration System (LCAS) — General Description
■ 309-300-003AC	3	Customer Network Control Center — Description and Operations	309-400-004	2	Trouble Reporting Procedures
■ 309-300-004AC	1	Trouble Reporting Procedures	309-400-005	2	Network Analysis
309-300-005	1	Network Analysis Procedures	309-400-007	3	Network Identification
309-300-007	2	Network and Office Numbers	309-400-300	2	Service Maintenance
■ 309-300-007AC	4	Network and Office Numbers	309-5 Premises Based Networks		
■ Appendix 1AC	2	Network Numbers	■ 309-500-000AC	1	Operations Plan
■ Appendix 2AC	2	Network Grouping Identification Numbers	309-6 DCTN (Defense Commercial Telecommunications Network)		
■ Appendix 3AC	2	Switching Machine Numbers	■ 309-600-001AC	1	Administration Plan
■ Appendix 4AC	2	Data Processing Identification Codes	■ Appendix 1AC	1	Training Guidelines
■ 309-300-300AC	1	Service Maintenance	■ Appendix 2AC	1	Data Base Responsibilities
■ Appendix 1AC	1	Service Maintenance — Tests and Limits (Interoffice Channels)	309-610 FTS-2000 (Federal Telecommunications System)		
■ Appendix 2AC	1	Special (Local Channel or Coordinated) Access and Switched (Coordinated Only) Access — Tests and Limits (Access Service)	Testing and Maintenance Methods and Procedures		
■ Appendix 3AC	1	Total Service and Coordinated Service Circuits — Tests and Limits (End-to-End Requirements)	■ 309-610-020	1	FTS 2000 Service Delivery Center (SDC) Methods and Procedures for Testing Switched Voice and Data Work Orders
■ Appendix 4AC	1	Network Service Verification Tests	■ 309-610-021	1	FTS 2000 Network Control Center (NCC) Methods and Procedures for Testing Switched Voice and Data Work Orders
■ Appendix 5AC	1	Voice Switched Gain Amplifier — Deluxe Network Access — Special Access Termination and Channel Derivation Equipment	■ 309-610-022	1	FTS2000 Switched Service Maintenance NCC Methods and Procedures
■ 309-300-310AC	1	Data Service Procedures	■ 309-610-100AC	2.01	FTS2000 Description
			■ 309-610-101AC	2.01	FTS2000 Implementation
			■ 309-610-102AC	1.01	FTS2000 Trouble Clearing

Division 310**Non-Switched Special Services System****310-0 Indexes and Equipment Test Lists****310-3 Two-Point Private Line Systems**

- 300 Two-Point Private Line Telephone Circuits
- 305 Channels for Federal Aviation Agency, Airlines and Other Agencies

310-4 Multistation Private Line Systems

- 400 Special Multistation Systems
- 405 Multistation Systems
- 410 Federal Aviation Agency
- 430 600/1500 Cycle Selective Signaling System
- 435 SC2 Selective Control System
- 440 Volume Limiter for Special Services

310-5 Special Purpose Multipoint Private Line Systems

- 500 Strategic Air Command Primary Alerting System
- 504 Command Post Alerting Network (COPAN) — Joint Chiefs of Staff Alerting Network (JCSAN)
- 505 Centralized Manual Control System
- 525 Channels for Polling Television Receives
- 530 Group Alerting System
- 540 Protective Relaying Channel

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310-0 Indexes and Equipment Test Lists

310-000-000	47	Numerical Index — Division 310 — Nonswitched Special Services System
310-001-011	2	ETL Supplement

310-3 Two-Point Private Line Systems**310-300 Two-Point Private Line Telephone Circuits**

310-300-100	1	Voice Only — Description
310-300-300	1	Voice Only — Test Requirements and Objectives
310-300-500	7	Voice Only — Test Procedures

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310-305 Channels for Federal Aviation Agency, Airlines and Other Agencies

310-305-100	3	Description
310-305-500	5	Over-All Measurements

310-4 Multistation Private Line Systems**310-400 Special Multistation Systems**

☐ 310-400-100	1	Description
☐ 310-400-300	1	Periodic Test Intervals
☐ 310-400-500	1	Test and Adjustments

310-405 Multistation Systems

310-405-100	2	Voice Only — Description
310-405-500	4	Voice Only — Tests and Adjustments

310-410 Federal Aviation Agency

Addendum	1	
310-410-100	1	Description
310-410-101	1	Glossary of Terms
310-410-300	1	Service Maintenance
310-410-500	1	Tests and Adjustments

310-430 600/1500 Cycle Selective Signaling System

☐ 310-430-100	1	Description
☐ 310-430-200	1	Installation
☐ 310-430-300	2	Periodic Tests
☐ 310-430-500	1	Maintenance and Trouble Location Tests — Central Office
☐ 310-430-501	1	Maintenance and Trouble Location Tests — Customer's Premises
☐ 310-430-502	1	Typical Equipment Layouts — Right-of-way (ROW) Companies

310-435 SC2 Selective Control System

☐ 310-435-300	2	Main Station — Maintenance
☐ 310-435-301	2	Monitor Station — Maintenance
☐ 310-435-302	2	Satellite Station — Maintenance
☐ 310-435-303	2	Signaling Circuit — Maintenance

Number	Issue	Subject	Number	Issue	Subject
310-440 Volume Limiter for Special Services			310-525 Channels for Polling Television Receivers		
□ 310-440-100	1	Description	310-525-100	1	Description
□ 310-440-200	1	Installation	Addendum	1	
□ 310-440-500	1	Transmission Test Requirements	310-525-500	1	Trouble and Over-All Transmission Tests on Two-Wire Channels
310-5 Special Purpose Multipoint Private Line Systems			Addendum	1	
310-500 Strategic Air Command Primary Alerting System			310-525-501	1	Trouble and Over-All Transmission Tests on Four-Wire Channels
310-500-100	3	Description	310-530 Group Alerting System		
310-500-500	4	Tests and Adjustments	310-530-100	1	Description
310-500-501	1	Recorder-Reproducer KS-16687, L1	310-530-500	1	Transmission Testing Methods and Requirements
310-500-502	1	Recorder-Reproducer KS-16746, List 1 and List 2 and KS-16747, List 1 Demagnetizer	310-539-001	1	Private Line Telephone Service — OCD National Warning System (NAWAS) — Description and Operating Features
310-504 Command Post Alerting Network (COPAN) — Joint Chiefs of Staff Alerting Network (JCSAN)			Appendix	1	Circuit List
Addendum	1		Appendix	2	Scheduled Circuit Lineup Procedures
310-504-100	2	General Description	Appendix	3	GP 8246 SS1 Codes
310-504-500	2	Testing and Maintenance of Main Station	310-540 Protective Relaying Channel		
310-504-501	2	Testing and Maintenance of Terminal Switch Points and Remote Command Posts	310-540-100	2	Description
310-504-502	2	Circuit Maintenance	310-540-500	2	Initial Lineup and Maintenance Test Requirements
310-505 Centralized Manual Control System					
310-505-100	1	Description — Anti-Aircraft Operations for Defended Areas			
310-505-500	1	Tests and Adjustments — Anti-Aircraft Operations for Defended Areas			

Division 311**Switched Special Services Systems****311-0 Indexes and Equipment Test List****311-1 General Information****311-2 Special Access Circuits****311-3 Tie Trunk Circuits**

Number	Issue	Subject
311-0 Indexes and Equipment Test List		
311-000-000	24	Numerical Index — Division 311 — Switched Special Services Systems
311-001-011	1	ETL
311-1 General Information		
311-100-100	1	Transmission Testing Considerations — Switched Special Services Circuits
311-100-101	1	Signaling Considerations — Circuits
311-100-102	1	Installation and Maintenance — Tests and Requirements — Switched Special Service Circuits
311-100-500	3	Circuit Order and Trunk Order Transmission Tests for Special Services — Having Access to the Direct Distance Dialing Network
Addendum	2	
311-100-501	1	1000 Hz and Noise Measurements — PBX Central Office Trunks, Off-Premises Station Lines and Tie Trunks Having Access to the Direct Distance Dialing Network
311-100-551	3	Special Service Link Lineup — PBX to Central Office 2-Wire Link — Using E6 Repeaters

Number	Issue	Subject
Addendum	1	
311-100-552	2	Special Service Link Lineup — Central Office to Central Office — 2-Wire Link Using E6 Repeaters
Addendum	1	
311-100-553	3	Special Service Link Lineup — Central Office to Station 2-Wire Link Using E6 Repeaters

311-2 Special Access Circuits

Addendum	1	
311-200-001	1	Wide Area Telecommunication Service "WATS" — Administrative Procedures for Installation and Maintenance
Addendum	1	
311-200-180	3	Description of Circuit Arrangements for Providing Foreign Exchange and Other Special Access Services
Addendum	1	
311-240-501	3	Overall Lineup — Two-Wire Repeatered Nonloaded PBX-CO Trunk With Network at PBX
Addendum	1	
311-240-502	3	Overall Lineup — 2-Wire Repeatered Nonloaded PBX-CO and Local WATS Trunks for PBXs not Requiring Terminal Balance
311-240-503	1	Special Service Overall Line-Up — Off Premises Station Lines With E6 Repeaters

311-3 Tie Trunk Circuits

311-300-500	1	PBX — Tests and Adjustment
311-350-100	3	Balance Testing Considerations — PBX 4-Wire Via Net Loss Tie Trunks and Access Lines
311-350-500	4	Balance Test Procedures for PBX — Switched 4-Wire Tie Trunks and Access Lines

Division 312**Private Line Data Systems and Services****312-0 Index, Equipment Test Lists, and General Information****312-1 Special Contract Circuits****312-2 DC Telegraph Systems and Associated Equipment****312-3 Mechanical Telegraph Repeaters****312-4 Electronic Telegraph Repeaters****312-5 Regenerative Telegraph Repeaters****312-6 40-Type Carrier Telegraph Systems****312-7 43-Type Carrier Telegraph Systems****312-8 Data Equipment**

Number	Issue	Subject
312-0 Index, Equipment Test Lists, and General Information		
312-000 Index		
312-000-000	65	Numerical Index — Division 312 — Private Line Data Systems and Services
312-001/010 General Information		
312-001-011	4	Equipment Test List
Supplement 2	1	
312-002-100	1	Theory and Characteristics of Electronic Telegraph Loops
312-003-100	1	Operation of the Teletypewriter, Perforator and Transmitter — Distributor
312-004-100	1	Operation of the Teletypewriter — 28- Type Teletypewriter
312-006-100	1	Theory of Characteristic Distortion and Its Reduction by Equalization
312-007-100	1	Distortion as Related to Teletypewriter Operation
312-008-500	1	Telegraph Loops — Testing DC Loops Equipped With Continuity Indicators

312-000 Index

312-000-000	65	Numerical Index — Division 312 — Private Line Data Systems and Services
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312-001/010 General Information

312-001-011	4	Equipment Test List
Supplement 2	1	
312-002-100	1	Theory and Characteristics of Electronic Telegraph Loops
312-003-100	1	Operation of the Teletypewriter, Perforator and Transmitter — Distributor
312-004-100	1	Operation of the Teletypewriter — 28- Type Teletypewriter
312-006-100	1	Theory of Characteristic Distortion and Its Reduction by Equalization
312-007-100	1	Distortion as Related to Teletypewriter Operation
312-008-500	1	Telegraph Loops — Testing DC Loops Equipped With Continuity Indicators

Number	Issue	Subject
312-009-100	2	Teletypewriter Stations — Orientation Tests and Distortion Tolerances
□ 312-010-100	1	Daily Line-up Procedures — Telegraph Circuits
312-011 Administration/Specifications		
Addendum	1	
312-011-101	1	Telegraphic Type Services — Standard Interface Specifications — Series 1000 Channels
Appendix 1	1	No Title
Appendix 2	1	No Title
Appendix 3	1	No Title
□ 312-011-500	1	Teletypewriter — General Electric Records Communication Network — Testroom Responsibilities and Procedures
312-011-501	1	Office Responsibilities and Operating Procedures for Circuits Associated With CPE — Teletypewriter Switching Systems
1000, Type 1001 Channels		
312-011-502	1	Signaling, Supervisory Control and Telemetry Circuits, 0 to 15 Hz
□ Appendix 1	1	Furnished to A.C. Nielsen Co.
□ Appendix 2	1	SC2 Supervisory Control System
□ Appendix 3	1	Traffic Network Management Telemetry Circuits
312-012 Alternate Full Period Teletypewriter		
312-012-100	1	Description and Operation
312-015 Loss-of-Facility Alarm Circuit (J70165E)		
312-015-100	1	Description
312-1 Special Contract Circuits		
312-100 Western Union Contracts		
312-100-000	1	Engineering and Operating Considerations Involved in Furnishing Circuits to the Western Union Telegraph Company Under Special Contract

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Addendum	1		312-302-101	2	13F1 One-Way Polar Telegraph Repeater — Description
□ 312-105-102	1	Engineering Notes	312-302-102	2	13G1 One-Way Repeater — (J70107)
312-2 DC Telegraph Systems and Associated Equipment			□ 312-302-103	1	13H1 Loop Repeater for Direct Leg Operation in No. 2 and 9B Service Board Offices — Description
312-200 DC Telegraph Systems			□ 312-303-100	1	16B1 Telegraph Repeater — Description
□ 312-200-101	3	Metallic Telegraph System — 4-Wire Operation — Description	□ 312-303-500	1	16B1 Telegraph Repeater — Tests and Adjustments
□ 312-200-102	1	Metallic Telegraph System — Equalization — Description	□ Addendum	1	
□ 312-200-500	1	Metallic Telegraph System — Equalization Test and Adjustments	□ 312-304-100	1	16C1 Telegraph Repeater and Balanced Loop Applique — Description
□ 312-200-501	1	Grounded Telegraph System — Equalization Test and Adjustments	□ Addendum	1	
312-210/211 Associated Equipment			□ 312-304-500	1	16C1 Telegraph Repeater and Balanced Loop Applique — Tests and Adjustments
Coupling Units and Connecting Blocks			□ 312-305-100	1	20C2 Terminal Metallic Telegraph Repeater for 4-Wire Operation — Description
312-210-100	1	144A1 Coupling Unit — Description	□ 312-305-500	1	20C2 Metallic Telegraph Terminal Repeater — Tests and Adjustments
312-210-101	1	144B1 Coupling Unit — Description	312-306-100	1	90C1 Telegraph Loop Repeater — Description
312-210-102	2	144C1 Coupling Unit — Description and Operation	312-4 Electronic Telegraph Repeaters		
312-210-500	3	144A1, 144B1, 144B2, and 144C1 Coupling Units — Tests and Adjustments	312-405-100	3	96A1 Electronic Loop Repeater
312-211-100	1	344-Type Plugs for Telegraph Relay Connecting Blocks — Description	312-405-300	3	96A1 Electronic Loop Repeater — Summary of Tests
312-215 Power Supply Circuits			312-405-500	3	96A1 Electronic Loop Repeater — Tests and Adjustments
312-215-100	3	Negative 330-Volt — Description and Operation	312-5 Regenerative Telegraph Repeaters		
312-215-500	3	Negative 330-Volt — Tests Procedures	312-507-100	3	143A-Type — Regenerative Telegraph Repeaters
312-3 Mechanical Telegraph Repeaters			312-507-500	5	143A1 and 143A2 Regenerative Telegraph Repeaters — Tests and Adjustments
312-301-100	2	10E1 Telegraph Single-Line Repeater — Description	312-508-100	2	Electronic Regeneration for Test-board Offices
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312-6 40-Type Carrier Telegraph Systems			312-700-200	1	43A1 Voice-Frequency Carrier Telegraph (VFCT) System — (J70112-) — Installation and Connection
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□ 312-601-010	4	Forms for Recording Results of Tests on 40-Type Carrier Tele- graph Systems	312-700-500	1	(J70112-) — Test Procedures
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□ 312-601-100	3	40C1 Terminal — Description	312-709 Voice Frequency Carrier A1 Level Variation Detector		
□ Addendum	1		312-709-100	1	Description
□ 312-601-300	3	40C1 Terminals Summary of Tests	312-709-500	3	Tests and Adjustments
□ Addendum	2		312-710 43B1 Data Carrier System		
□ 312-601-500	5	40C1 Terminals — Use of 160A1 Carrier Telegraph Test Set	312-710-100	2	Central Office Arrangement — General Description
□ 312-602-100	1	40C2 Terminal — Description	Addendum	1	
□ 312-602-500	1	40C2 Terminal — Tests and Ad- justments	312-710-200	1	Out-of-Service and Installation Tests
312-610 Carrier Supply			312-710-201	1	2- and 4-Wire Connections — Description and Installation
□ Addendum	1		312-710-500	1	Trouble Locating Tests
□ 312-610-100	3	140A — Description	312-720 General DataComm* Multiplexer/Converter		
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□ 312-610-500	5	140A1 — Tests and Adjustments	312-800 Data Set 108B		
312-620/621 No Carrier Alarm Sets			312-800-100	2	Description
□ 312-620-100	1	VF1S Portable — Used With 40- Type Telegraph Carrier Systems	312-800-300	2	Maintenance
□ Addendum	2		312-800-500	2	Test Procedures
□ 312-621-100	1	VF2S — Used With 40-Type Telegraph Carrier Systems	312-801 Data Auxiliary Set 811C		
312-7 43-Type Carrier Telegraph Systems			312-801-100	1	Description
312-700/708 43A1 Carrier Telegraph System					
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312-700-100	5	43A1 Voice-Frequency Carrier Telegraph (VFCT) System — (J70112-) — Description and Operation			

* General DataComm is a registered trademark of General DataComm Industries, Inc.

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312-802 Data Set For 109B		
312-802-100	1	Description
312-802-300	2	Maintenance Procedures
312-802-500	1	Test Procedures

312-803 Data Set 110B

☐	312-803-100	1	Description
☐	312-803-300	1	Maintenance
☐	312-803-500	1	Test Procedures

312-804 Data Set 110C

312-804-100	1	Description
312-804-300	1	Maintenance
312-804-500	1	Test Procedures

312-805 Data Set 108D-Type

312-805-100	2	Used With Type-3 Low-Voltage Hub Arrangements — Description
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312-807 Type-3 Low-Voltage Hub

312-807-100	1	Description and Operation
312-807-200	2	Installation and Connections
312-807-500	2	Test Procedures

312-808 Data Set 109G-L1

312-808-100	1	Description
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312-809 Data Set 405-Type		
312-809-100	2	Description
312-809-150	1	Supplementary Information
312-809-180	1	Summarizing Specification
312-809-200	1	Installation and Connections
312-809-201	1	Interface Circuit for Message Register Remoting — Installation and Connections
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312-810 Data Auxiliary Set 811K-L1

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312-811 Data Set 201D-Type

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312-811-100	2	Description

312-812 Low-Speed Signaling System Using Data Set 115A

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312-812-200	1	Installation and Connections
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312-812-500	1	Test Procedures

312-813 TSPS Hotel/Motel Data Facilities

312-813-100	1	Automated Quotation System — Description, Testing, and Maintenance
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313-0 Index		
313-000-000	10	Numerical Index — Division 313 — Voice, Data, and Video Transmission Systems

313-1 General Information

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313-110-100	1	Transmission
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313-130 Test Procedures

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314-0 Index, Equipment Test List, and Data Line Switching Network		
314-000 Index		
314-000-000	95	Numerical Index — Division 314 — Digital and Analogue Data Transmission Systems

314-001 Equipment Test List

314-001-011	2	Equipment Test List
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314-010 Data General

314-010-100	1	Analog Transmission Parameters Description
314-010-101	2	Data General — Data Testing Principles
314-010-102	1	Data Services Support
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314-025 Test Lines Employing 154A1 DATAPHONE® Subsets

314-025-500	1	Testing Procedures at Telegraph Test or Serviceboards
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314-099 Customer Information Release (CIR)

314-099-003TD	2	Implementing the Digital Data System — Secondary Channel Capability
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314-1 Transaction Network Services**314-100 Transaction Network**

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314-2 DDD (Data Systems on Direct Distance Dialing) Network**314-200 DATAPHONE® Systems Using 130-Type Subscriber Sets**

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314-200-105	1	Description — Test Center Testing Arrangement
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314-205 DATAPHONE Systems-Transmission Maintenance, Loops and Trunks

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■ 314-205-300AC	1	Maintenance Procedures and Guidelines for Data Services on the Public Network (the Adept System)
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314-205-501	6	DATAPHONE Data Communications Service — Test Requirements for Subscriber, Remote Exchange, Foreign Exchange, PBX, and Wide Area Telecommunications Service Lines — Data Systems on the Public Switched Network
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314-210 554A-Type Channel Service Unit

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314-3 ACCUNET®**314-300/305 Reserved 1.5 Service**

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■ 314-305-100AC	2	Terrestrial 1.5 — Overall Description — Digital Service
■ 314-305-200AC	2	Terrestrial — Maintenance, Trouble Sectionalization, and Testing — Extended Superframe Formatted Services — MCU (Maintenance Control Unit) Application
■ 314-305-300AC	2	Terrestrial 1.5 — Maintenance, Trouble Sectionalization, and Test Procedures — Digital Service
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314-310 ACCUNET Switched 56 kb/s Service

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314-320 ACCUNET Terrestrial 45 Service

■ 314-320-100AC	1	Overall Description — Digital Service
■ 314-320-300AC	1	Maintenance, Trouble Sectionalization, and Test Procedures — Digital Service
■ 314-320-301AC	1	ACCUNET T45 Testing — Job Aid

314-330 ACCUNET Information Manager (AIM)

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314-332 AT&T AccUNET® Bandwidth Manager (ABM)

■ 314-332-100	1	AT&T ACCUNET Bandwidth Manager (ABM) PC User Guide
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314-340 ACCUNET Bandwidth Management Service — Extended (BMS-E)

314-340-010	1	Introducing BMS-E: A Service Description and Resource Guide to Bandwidth Management Service — Extended
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314-4 Data Systems on Private Lines**314-410 Private Line Data Circuits**

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314-410-100	3	Voice Bandwidth — Description
314-410-104	2	Voice Bandwidth — Circuit Conditioning Requirements Using the Collins CLA- Type System
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314-410-300	3	Voice Bandwidth — Maintenance
314-410-310	4	Digital Data System — 4-Wire Local Loop — Maintenance Procedures
314-410-311	1	Local Area Data Channels — Maintenance Procedures
314-410-312	1	Local Area Data Channels — Tests and Requirements
314-410-500	7	Voice Bandwidth — Transmission Requirements
314-410-510	5	4-Wire Local Loop — Test Procedures — Digital Data System

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314-410-550	2	DATAPHONE Data Communications Service — Overall System Description — Select-A-Station Service
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314-410-570	1	Alarm Services — Description
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❶ 314-411-206	1	Special Supergroup System — USAF X-147 — Installation and Line Up
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❶ 314-411-306	1	Special Supergroup System — USAF X-147 — General Maintenance
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314-411-504	3	Strategic Air Command Control System (SACCS) — Description and Service Maintenance
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314-411-510	2	E2-Telemetry Data Facilities — Maintenance Considerations
314-500-105	2	Using 4-Phase Data Sets — General Description
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314-500-505	3	Using 4-Phase Data Sets — Trouble Testing and Location
314-501 Transmitter		
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314-501-305	1	Maintenance Test — Four-Phase

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314-502 Receiver		
314-502-105	1	Description — Four-Phase Receiver
314-502-305	1	Four-Phase Digital Data Receiver — Maintenance Test
314-504 Transfer and Control Circuit		
314-504-100	3	Description
314-504-300	2	Analysis and Clearance of Trouble
314-504-501	2	Out-of-Service Tests
314-505 Word Generator		
314-505-100	1	Description
314-505-301	1	Circuit SD-1G097-01 — Analysis and Clearance of Trouble
314-505-302	2	Circuit SD-1G005-01 — Analysis and Clearance of Trouble
314-505-501	2	Circuit SD-1G097-01 — Out-of-Service Tests
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314-506 Matching and Error Counting Circuit		
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314-507-100	2	Description
314-507-501	3	Out-of-Service Tests
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314-509 Miscellaneous Test Circuit		
314-509-100	1	Description
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314-550 SAGE Data Transmission Systems — General Information			314-555-502	1	Dual Facility Trunks — Local Tests of A/G Trunks at Site Test-board
314-550-100	1	General Considerations and Description	314-555-503	1	Dual Facility Trunks — Local Tests of A/G Trunks at DC Test-board
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314-550-101	1	Addressable Data Bridge and Control Circuit SD-1G245-01 — Description	314-556-300	1	Emergency Patching — Channels and Trunks — Common User Group Equipment
Addendum	1		Addendum	1	
314-550-102	1	Crosstell Data Bridge and Control Circuit SD-1G250-01 — Description	314-556-501	1	Common User Group Equipment — Link and Controller — Tests
Addendum	1		Addendum	1	
314-550-300	2	Initial Testing and Line-Up of Sage Data Circuits	314-556-502	1	Common User Group Equipment — Channel and Sender Circuits — Tests
314-550-305	3	Using Four-Phase Data Sets — Initial Testing and Line-Up Procedure	Addendum	1	
314-550-306	1	Addressable Data Bridge and Control Circuit SD-1G245-01 Operation and Maintenance	314-556-503	1	Common User Group Equipment — Over-all Tests
314-550-307	1	Crosstell Data Bridge and Control Circuit SD-1G250-01 — Operation and Maintenance	314-556-504	2	Common User Group Equipment — Trunks and Code Receivers — Tests
314-551 Radar Data Systems			314-556-505	1	Common User Group Equipment — Tests of Automatic Test Circuit
314-551-100	1	Description	314-556-506	1	Common User Group Equipment — CODAN Interrupter Tests
314-552 Ground-to-Ground Data Systems			314-557-501	2	43A1 Carrier Telegraph Terminal — Tests
314-552-100	1	Description	314-560 SAGE Services		
314-553 Ground-to-Air Data Systems			314-560-000	2	Operation and Administration of the Trouble Report Center at Sage System Direction Centers
314-553-100	1	Description	314-560-001	1	Description and Use of Marker Card — Sage Form E-4429
314-553-105	4	Transmission Aspects of Voice Channels	314-560-002	1	Preparation and Use of Cross-Connection Running List — Sage Form E-4461
314-553-300	2	Periodic Test Intervals	314-560-005	1	Operation and Control of Sage — Weather Network (ADTWC)
314-554 Lincoln Digital Data System			314-561-100	1	Dial Restoration Panel for SAGE — General Considerations
314-554-100	1	Description			
314-555/557 Private Service Systems — Air-Ground Voice Communication System					
314-555-100	1	Dual Facility Trunk Equipment			
314-555-501	1	Dual Facility Trunks — Over-all Tests			

314-6 Wideband Data Transmission Systems

314-601 Wideband Service Bay

[A]	Addendum	1	
[A]	314-601-110	1	Description
[A]	314-601-120	1	J70168

314-602 Wideband Data Test Bay

[A]	314-602-100	4	Data Systems Central Office — 915-Type
[A]	314-602-501	2	915 — Test Procedures for 303-Type Data Station — Restored Polar Line Signal Operation
[A]	314-602-520	1	Test Procedures for 301B-Type Data Station

314-605 Toll Systems A2 (40.8-Kilobit) Data Transmission System

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[A]	314-605-100	1	Description
[A]	314-605-300	1	Line-Up Procedure
[A]	314-605-301	1	Trouble Location
[A]	314-605-302	1	Routine Maintenance
[A]	314-605-500	1	General Maintenance
[A]	314-605-501	1	Overall Gain Adjustments
[A]	314-605-502	1	Gain Frequency Measurements
[A]	314-605-503	2	Noise Measurements
[A]	314-605-504	1	Crosstalk Coupling — Loss Measurements
[A]	314-605-505	1	Digital Error Rate Measurements
[A]	Addendum	2	
[A]	314-605-506	2	Relative Envelope Delay Measurements
[A]	314-605-507	1	Oscilloscope Tests

314-608 Half-Groupband Data Systems

314-608-100	2	2-Point Private Line — Description
314-608-300	2	2-Point Private Line — Lineup Objectives and Trouble Location
314-608-301	1	2-Point Private Line — Trouble Location
314-608-500	2	2-Point Private Line — Maintenance Test Procedures

314-609 Groupband Data Systems (Restored Polar)

314-609-100	1	2-Point Private Line — Description
314-609-110	1	Switched Network — General Description
314-609-310	1	Switched Network and 2-Point Private Line — Line-Up Procedures
314-609-311	1	Groupband Data Systems — Switched Network and 2-Point Private Line — Trouble Location
314-609-510	2	Switched Network and 2-Point Private Line — General Maintenance
314-609-511	1	Switched Network and 2-Point Private Line — Gain-Frequency Measurements
314-609-512	1	Switched Network and 2-Point Private Line — Noise Measurements
314-609-513	1	Switched Network and Two-Point Private Line — Relative Envelope Delay Measurements

314-610 Super Groupband Data Systems

[A]	314-610-100	1	Supergroup Wideband Data Systems (Restored Polar) — 2-Point Private Line — Description
[A]	314-610-300	1	Supergroup Wideband Data Systems — Lineup Procedures
[A]	314-610-500	1	Supergroup Wideband Data System — General Description

314-620 ACCULINK® Multiplexers

314-620-100	1	ACCULINK® 731 Manual (Document Set Contains Service, Reference and User Guides)
314-620-101	1	ACCULINK 731 Reference Manual
314-620-102	1	ACCULINK 731 User Manual
314-620-103	1	ACCULINK 731 Service Manual
314-620-110	1	ACCULINK® 740 Manual (Document Set Contains Service, Reference and User Guides)
314-620-111	3	740/741/742 ACCULINK Multiplexers — AFN Reference Manual

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314-620-112	3	740/741/742 ACCULINK Multiplexers — AFN User's Manual	ACCULINK Network Termination Units		
314-620-113	3	740/741/742 ACCULINK Multiplexers — AFN Service Manual	314-620-400	1	240 ACCULINK Network Termination Unit (NTU) User Manual (4-94)
314-620-120	1	ACCULINK® 741/756 Manual (Document Set Contains Service, Reference and User Guides)	314-622 Statistical Multiplexers		
314-620-123	1	741/756 ACCULINK Multiplexers — AFN Service Manual	314-622-110	--	721M - Statistical Multiplexer - Document Set NOTE: Consist of Reference, Service and User's Manuals.
314-620-130	1	ACCULINK® 742 Manual (Document Set Contains Service, Reference and User Guides)	314-622-111	2	721M - Statistical Multiplexer - Reference Manual
314-620-133	1	742 ACCULINK Multiplexers — AFN Service Manual	314-622-112	2	721M - Statistical Multiplexer - Service Manual
314-620-140	1	ACCULINK® 745 Manual (Document Set Contains Service, Reference and User Guides)	314-622-113	2	721M - Statistical Multiplexer - Service Manual
314-620-141	3	745 ACCULINK Multiplexers — AFN Reference Manual	314-622-120	--	721S - Statistical Multiplexer - Document Set NOTE: Consist of Reference, Service and User's Manuals
314-620-142	3	745 ACCULINK Multiplexer — AFN Users Manual	314-622-121	1	721S - Statistical Multiplexer - Reference Manual
314-620-143	1	745 ACCULINK Multiplexers — AFN Service Manual	314-622-122	1	721S - Statistical Multiplexer - Service Manual
314-620-150	1	ACCULINK® 756 Manual (Document Set Contains Service, Reference and User Guides)	314-622-123	1	721S - Statistical Multiplexer - User's Manual
314-620-151	1	764 ACCULINK Multiplexers — AFN Reference Manual	314-622-130	--	722M - Statistical Multiplexer - Document Set NOTE: Consist of Reference, Service and User's Manuals
314-620-152	3	764 ACCULINK Multiplexers — AFN User's Manual	314-622-131	1	722M - Statistical Multiplexer - Reference Manual
314-620-153	1	756 ACCULINK Multiplexers — AFN Service Manual	314-622-132	1	722M - Statistical Multiplexer - Service Manual
ACCULINK Bandwidth Controller (ABC)			314-622-133	1	722M - Statistical Multiplexer User's Manual
314-620-300	5	ACCULINK Bandwidth Controller — Systems Guide	314-622-140	--	722N - Statistical Multiplexer - Document Set NOTE: Consist of Reference, Service and User's Manuals
314-620-301	5	ACCULINK Bandwidth Controller — Operating Guide (Version 4)	314-622-141	1	722N - Statistical Multiplexer - Reference Manual
Addendum	10/94		314-622-142	1	722N - Statistical Multiplexer - Service Manual
314-620-302	5	ACCULINK Bandwidth Controller — Application and Release Notes (Version 4)	314-622-143	1	722N - Statistical Multiplexer - User Manual
314-620-303	2	ACCULINK Bandwidth Controller — RPM Operating Guide Ver. 3	314-622-159	1	722N - Statistical Multiplexer - Release Notes NOTE: Reference, Service and User's Manual
314-620-304	1	ACCULINK Bandwidth Controller MAX Operating Guide Version 1			
314-620-305	1	ACCULINK Bandwidth Controller MAX System Guide Version 1			
314-620-306	1	ACCULINK Bandwidth Controller MAX Application and Release Notes			

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314-622-169	1	722N - Statistical Multiplexer - Release Notes NOTE: Reference, Service and User's Manual
314-624 T1 Multiplexers		
314-624-100	3	T1/E1 Multiplexer — Reference Manual
314-624-101	3	740/742 ACCULINK T1 Multiplexer — User Manual
314-624-102	1	740 ACCULINK T1/E1 Multiplexer Service Manual
314-624-103	--	740 ACCULINK T1 Multiplexer Complete Manual Set NOTE: Set includes 314-624-100, -101, and -102
314-624-104	1	742 ACCULINK T1/E1 Multiplexer Service Manual
314-624-105	--	742 ACCULINK T1 Multiplexer Complete Manual Set NOTE: Set includes 314-624-100, -101, and -104
314-624-106	3	740/742 ACCULINK E1 Multiplexer — User Manual
314-624-107	--	740 ACCULINK E1 Multiplexer Complete Manual Set NOTE: Set includes 314-624-100, -102, and -106
314-624-108	--	742 ACCULINK E1 Multiplexer Complete Manual Set NOTE: Set includes 314-624-100, -104, and -106
314-640 WLR-1 and WLR-2 Wideband Loop Repeaters		
[A] Addendum	1	
[A] 314-640-100	1	WLR-1 and WLR-2 Wideband Loop Repeaters — (10 to 51 Kc) — Description
[A] 314-640-200	2	WLR-2 Wideband Loop Repeater — Installation
[A] 314-640-300	2	WLR-1 and WLR-2 Wideband Customer Loop — Initial Line-Up Procedure
[A] 314-640-500	2	WLR-1 and WLR-2 Wideband Loop Repeaters — (10 to 51 KC) — Trouble-Shooting Procedures and Maintenance Tests

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314-641 WLR-3 Wideband Loop Repeater		
[A] Addendum	2	
[A] 314-641-100	1	Description
[A] Addendum	1	
[A] 314-641-200	1	Installation
[A] Addendum	1	
[A] 314-641-300	1	Initial Line-up
[A] 314-641-500	1	Maintenance
314-642 WLR-4 Wideband Loop Repeaters		
[A] 314-642-100	1	Description
314-642-200	2	Installation
[A] 314-642-300	1	Initial Line-up
[A] 314-642-500	1	Maintenance
314-643 WLR-5 Wideband Loop Repeater		
[A] 314-643-100	2	1 Through 50 kHz — Description
[A] Addendum	1	
[A] 314-643-200	3	1 Through 50 kHz — Installation and Connection
[A] 314-643-300	2	1 Through 50 kHz — Maintenance
[A] 314-643-500	3	1 Through 50 kHz — Test Procedures
314-644 Wideband Regenerative Repeater (WRR-1), J70174		
[A] 314-644-100	1	Description and Operation
[A] 314-644-200	1	Identification and Connections
[A] 314-644-500	1	Test Procedures
314-645 DATAPHONE Digital Service		
314-645-100	3	DS-1 — Overall Description
314-645-300	3	DS-1 — Maintenance and Trouble Sectionalization
314-645-500	2	DS-1 — Test Procedures
314-646 551 ()-Type Channel Service Unit		
Addendum	1	
314-646-001	3	551C-L1 — Description, Installation, and Testing (7-92)
314-646-002	2	551D-L1 — Description, Installation, and Testing

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314-646-003	2	551E-L1 — Description, Installation, and Testing (8-92)
314-646-100	2	551A — Description
314-646-200	2	Installation and Connections
314-646-300	1	Maintenance
314-646-500	1	Test Procedures

314-647 1.544 MB/S Digital Service**DS1 Digital Service Maintenance System**

314-647-100	1	General Description
314-647-200	2	Installation and Maintenance

314-7 Telephotography**314-715 General Descriptive Information**

314-715-100	3	General Descriptive Information
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314-715-102	1	104A and 105A Coupling Units
314-715-103	2	Frequency Weighting Network for Noise Measurements
314-715-104	2	Tone Operated Control Circuit — TOCC Per SD-56524-01
314-715-105	1	Description — 71A1 Level Compensator
314-715-500	1	Delay Equalizers for H-44-25-S Cable and Open Wire Circuits
314-715-502	2	Telephotograph Apparatus — Coupling to Telephone Lines
314-715-504	3	Tone-Operated Control Circuit (SD- 56524-01) — Out-of-Service Tests
314-715-505	1	71A1 Level Compensator — Tests and Adjustments

314-728 Initial and Periodic Maintenance Tests

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314-728-501	3	Central Office Equipment
314-728-502	4	Overall Circuit Tests

314-730/731 Station Equipment

314-730-500	2	Line-Up of One-Way Local Channels and Equipment at Subscriber Locations
314-730-501	1	Line-Up of 4-Wire Local Channels and 110A Key Station Equipment

Number	Issue	Subject
314-730-502	1	Tests on Customer's Temporary Terminating Equipment
314-731-100	2	110A Key Equipment — Description, Installation, and Maintenance

314-732 110A Key Equipment

314-732-100	2	Stationary — (Telephoto) — Description
314-732-101	1	Portable — Description, Installation, and Maintenance
314-732-501	1	Stationary — Installation, Tests, and Maintenance

314-8 Data Systems — Common Circuits, Equipment, and Procedures**314-800 Station Monitoring Test Trunk SD-98141-01**

314-800-300	1	Circuit Order and Routine Tests
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314-805 Station Monitoring Test Line Circuit SD-70925-01

314-805-100	1	Description
314-805-500	1	Use at Testboards and Serviceboards

314-810 Station Test Line SD-70926-01

314-810-100	1	Description
314-810-300	1	Circuit Order and Routine Tests
314-810-500	1	Use at Telegraph Testboards or Serviceboards

314-811 Station Test Line — 1A Transaction Telephone

314-811-100	2	Description
314-811-180	1	Summarizing Specification
314-811-200	2	Installation and Connections
314-811-500	2	Maintenance and Tests

314-813 Clock Distribution Unit

314-813-101	2	Clock Distribution Unit — Description and Operation
314-813-102	1	Clock Distribution Unit — AHG16 Timing Interface — Data Sheet

Number	Issue	Subject
314-813-103	1	Clock Distribution Unit/Synchronization Distribution Expander — AHG26 Timing Distributor Data Sheet
314-813-104	1	Clock Distributor Unit/Synchronization Distribution Unit/Synchronization Distribution Expander — AHG27 Timing Interface
314-813-201	2	Clock Distribution Unit — Installation and Maintenance Procedures

314-815 Voiceband Multipoint Split Bridge With Gain, Equalization and Test Access

314-815-100	2	Description
314-815-500	1	Installation and Maintenance Test Procedures

314-820 Equipment Components Having General Application

314-820-100	2	Envelope Delay Characteristics of 200- Type Delay Equalizers
314-820-103	3	Envelope Delay Characteristics of 366 and 367 Type Equalizers
314-820-104	2	Envelope Delay Characteristics of 384- and 385-Type Equalizers — Description
314-820-105	2	Attenuation Equalizer and Noise Filter
314-820-106	1	J99347 VF Amplitude and Delay Equalizing Equipment — Description
314-820-107	1	950A-Type Equalizer — Description
314-820-108	1	950B-Type Equalizer — Description
314-820-206	1	J99347 VF Amplitude and Delay Equalizing Equipment — Installation and Connections
314-820-207	1	950B-Type Equalizer — Prescription Settings
314-820-506	1	J99347 VF Amplitude and Delay Equalizing Equipment, Test Procedures, and Maintenance

Number	Issue	Subject
314-821 406A Tone Generator		
314-821-100	1	Description
314-821-200	1	Installation and Connections
314-821-500	1	Test Procedures
314-825 Data Test Center		
314-825-500	2	Dataspeed Tests Using Dataspeed Tape Receiver Unit
314-825-501	2	Dataspeed Tests Using Dataspeed Tape Sender Unit
314-825-502	2	905 AX1 Data Test Set
314-850/855 Procedures Having General Application		
314-850-500	1	Testing of Pairs for Data Circuits
314-860 Voice Grade Special Service Circuits		
■ 314-860-001 AC	1	1 x N Analog Line Transfer Switch
314-9 Digital Data System		
314-900-000	1	Dataport Testing
314-900-100	5	Private Line Service — Overall Description
314-900-101	1	Overall Description
314-900-300	5	Private Line Service — Overall Maintenance
314-900-301	1	Overall Maintenance
■ 314-900-901AC	1	
■ 314-900-902AC	1	1xN Controller — (SM-20739)
314-901-011	4	Hub Identification Coding Plan
314-901-200	4	2-Point and Multipoint Private Line Circuit — Turn-Up Procedures
314-901-201	1	Multipoint Circuit — Turn-Up Procedures
314-901-210	1	Access Line — Turn-Up Procedures
314-901-215	1	Trunk Turn-Up Procedures
314-901-300	3	2-Point and Multipoint Private Line Circuit — Maintenance Procedures
314-901-301	1	Serving Test Center — Multipoint Private Line Circuit — Maintenance and Test Procedures

Number	Issue	Subject	Number	Issue	Subject
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314-901-500	6	2-Point and Multipoint Private Line Circuit — Test Procedures	314-912-500	4	T1 Data Multiplexer — Tests
314-901-510	1	Serving Test Center — Test Procedures	314-913-100	1	Master Timing Supply Interface — Description
314-901-520	1	Automated Bit Access Test System (ABATS) — Description and Operation	Addendum	1	
● 314-901-530	2	BATS (Bit Access Test System) and LATS (Line Access Test System) — Manual Test Procedures	314-913-110	1	Nodal Timing Supply — Description
■ 314-901-530 AC	1	2-Point and Multipoint Private Line Circuits — Manual Turn-Up and Test Procedures	Addendum	1	
● 314-901-531	2	Automated Bit Access Test System — Remote Test Procedures	314-913-115	1	Secondary Timing Supply — Description
■ 314-901-531 AC	1	Automated Bit Access Test System — Remote Test Procedures	Addendum	1	
● 314-901-532	1	Automated Bit Access Test System — Remote Data-Base Update Procedures	314-913-120	1	Local Timing Supply — Description
■ 314-901-532 AC	1	Automated Bit Access Test System — Remote Data-Base Update Procedures	314-913-215	1	Changing a Secondary Timing Supply to a Nodal Timing Supply — Conversion Procedure
314-902-200	4	Turn-Up Methods — DS-0 Facility	314-913-220	4	Synchronization Distribution Expander — Description, Installation, and Operation
314-903 DS-1 Facility			314-913-221	2	Synchronization Distribution Expander — Installation and Maintenance Procedures
314-903-200	3	DS-1 Facility — Turnup Activities	314-913-222	1	AHG1 Timing Alarm, Data Sheet, Synchronization Distribution Expander
314-903-300	2	DS-1 Facility Maintenance Activities	314-913-223	1	AHG4 Timing Distributor, Data Sheet, Synchronization Distribution Expander
314-910-100	6	Office Channel Units and Auxiliary Circuits — Description	314-913-224	1	AHG10 Timing Interface, Data Sheet, Synchronization Distribution Expander
Addendum	1		314-913-227	1	Synchronization Distribution Expander — AHG5 D5-1 Timing Distributor — Data Sheet
314-910-300	4	Office Channel Unit and Auxiliary Circuits — Maintenance Procedures	314-913-228	1	AHG25 DS-1 Timing Distribution — Data Sheet — Clock Distribution Unit Synchronization Distribution Expander
314-910-500	6	Office Channel Unit and Auxiliary Circuits — Test Procedures	314-913-229	2	AHG15,S2:2 Timing Interface — Data Sheet — Synchronization Distribution Expander (4-92)
314-911-100	4	Subrate Data Multiplexer — Description	314-913-300	1	Master Timing Supply — Maintenance and Troubleshooting
314-911-501	2	Subrate Data Multiplexer — Initial Tests	Addendum	1	
314-911-502	2	Subrate Data Multiplexer — Maintenance, Trouble Location and Correction Tests	314-913-310	1	Nodal Timing Supply — Maintenance and Troubleshooting
314-912-100	4	T1 Data Multiplexer — Description	Addendum	1	
			314-913-315	1	Secondary Timing Supply — Maintenance and Troubleshooting

Number	Issue	Subject	Number	Issue	Subject
314-913-320	1	Local Timing Supply — Maintenance and Troubleshooting	314-919-200	4	Subrate Off-Net Extension Arrangements — Installation and Connections
314-913-500	2	Master Timing Supply — Tests	314-919-300	3	Subrate Off-Net Extension Arrangement — Maintenance
314-913-510	2	Nodal Timing Supply — Tests	314-919-500	3	Subrate Off-Net Extension Arrangement — Test Procedures
314-913-515	2	Secondary Timing Supply — Tests	314-920-100	2	Digital 56-KB/S Repeater — Description
314-913-520	2	Local Timing Supply — Tests	314-920-300	1	Digital 56-KB/S Repeater — Maintenance
314-914-100	3	DSX-0 Cross-Connect Bay — Description	314-920-500	3	Digital 56-KB/S Repeater — Test Procedures
314-914-300	1	DSX-0 Cross-Connect — Maintenance	Addendum	1	
314-914-400	2	DSX-0 Cross-Connect — Connections	314-960-100	1	DS-1 Signal Access Unit and Auxiliary Circuits — Description
314-915-100	1	T1WB4 Data-Voice Multiplexer — Description	314-960-300	2	DS-1 Signal Access Unit and Auxiliary Circuits — Maintenance and Trouble Locating Procedures
314-915-110	3	T1WB5 Data-Voice Multiplexer Local Office Bay — Description	314-970-100	2	Multiplexer Jack and Connector Panel and Subrate Data Multiplexer Jack and Connector Panel — Description
314-915-300	2	T1WB4 Data-Voice Multiplexer — Initial Installation and Tests	314-970-101	2	Central Office — 5-Volt Power Supply Shelf — Description, Maintenance, and Testing
314-915-310	3	T1WB5 Data-Voice Multiplexer Local End Office Bay — Initial Installation and Tests	314-983-100	1	T1 Data Multiplexer Performance Monitor — Description
314-915-501	1	T1WB4 Data-Voice Multiplexer — Trouble- Locating Procedures	314-983-110	1	Subrate Data Multiplexer Performance Monitor — Description
314-915-510	1	T1WB5 Data-Voice Multiplexer Local Office Bay — Trouble- Locating Procedures	314-983-300	1	T1 Data Multiplexer Performance Monitor — Maintenance and Troubleshooting
314-916-100	2	Bay Clock, Power, and Alarms Circuit — Description	314-983-310	1	Subrate Data Multiplexer Performance Monitor — Maintenance and Troubleshooting
314-916-300	2	Bay Clock, Power, and Alarms Circuit — Maintenance and Troubleshooting	314-983-500	2	T1 Data Multiplexer Performance Monitor — Tests
314-916-500	1	Bay Clock, Power, and Alarms Circuit — Tests	314-983-510	1	Subrate Data Multiplexer Performance Monitor — Tests
314-917-100	2	Multipoint Junction Units and Auxiliary Circuits — Description	Addendum	1	
314-917-300	2	Multipoint Junction Units and Auxiliary Circuits — Maintenance and Troubleshooting Procedures	① 314-984-100	1	Digital Transmission Surveillance System — General Description
314-917-500	2	Multipoint Junction Units and Auxiliary Circuits — Test Procedures	① 314-984-101	4	Digital Transmission Surveillance System — Administrative Methods
314-918-100	3	Digital Data Group Terminal — Description	Addendum	3	
314-918-300	2	Digital Data Group Terminal — Troubleshooting and Testing	① 314-984-200	1	Digital Transmission Surveillance System — Circuit Pack Installation and Test Procedures
314-919-100	3	Subrate Off-Net Extension Arrangements — Description			
314-919-180	1	Data Auxiliary Set 831A Type — Summarizing Specification			

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● 314-984-300	1	Digital Transmission Surveillance System — Central Processor Operation and Data-Base Management
Addendum	1	
● 314-984-500	1	Digital Transmission Surveillance System — Overall System Maintenance Requirements and Test Procedures
■ 314-984-500 AC	1	Digital Transmission Surveillance System — Overall System Maintenance Requirements and Test Procedures

Division 318**Television Systems****318-0 Index, Equipment Test Lists, Administration, General, Facility Management Center, Descriptive Information, and Local Video Channels and Services**

- 000 Index
- 001 Equipment Test Lists
- 003 Administration
- 010 General
- 012 Facility Management Center — TV
- 015 Descriptive Information
- 020 Local Video Channels and Services

318-1 Analog Baseband Video Transmission Systems

- 100 A2AT Video Transmission System
- 105 A4 Video Transmission System
- 110 Commercial Television Service Multipulse

318-2 Digital Video Transmission Systems

- 200 DTLS (Digital Television Lightwave System)
- 203 Tests and Performance Objective

318-3 FV-43 Diplexed Audio System**318-4 Television Operating Centers and Associated Equipment Units**

- 400 J44107 Television Operating Centers
- 401 Amplifiers
- 402 J44107J Balanced Clamper
- 410 J44107 Video Switches
- 415 J68364A and J68364B Switching Control Equipment (30 by 30 Maximum)
- 420 J68364C Switching Control Equipment (20 by 20 Maximum)
- 425 Program Encoders
- 430 J44107AA Monitoring Positions
- 435 Large Office Test Positions
- 440 Alignment of Interconnecting Circuits

318-5 Cable Television Transmission Systems

- 500/513 Coaxial — RF Type
- 590 Vikoa Type Equipment Units

318-7 Overall Lineup of Video Facilities**-715 TD-2 Radio Systems — Differential Gain and Phase****-725 Transmission Impairments on Television Channels**

Number	Issue	Subject
318-0 Index, Equipment Test Lists, Administration, General, Facility Management Center, Descriptive Information, and Local Video Channels and Services		
318-000 Index		
318-000-000	87	Numerical Index — Division 318 — Television Systems
318-001 Equipment Test Lists		
318-001-005	1	Orders for Service
318-001-010	1	Completion and Interruption Reports
318-001-011	5	Equipment Test List Supplement
318-003 Administration		
318-003-000	1	Organization and Responsibilities
318-010 General		
318-010-300	1	General Instructions
318-010-301	1	Facilities, Equipment and Test Signals — General Considerations
318-010-302	1	Service Procedures
318-010-303	1	INTELSAT* Satellite Television
318-010-306	1	Routine and Maintenance Testing
318-010-308	1	Cable Transmission Systems — Periodic Test Intervals
318-012 Facility Management Center — TV		
318-012-010	1	Administration of Intercity Facilities for Part-Time Service
318-012-011	1	Video IF Switching Record

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318-015-000	3	Glossary of Video Terms	318-100-117	1	Loss Equalization With 653A Test Oscillator — Overall System Tests
318-015-005	1	Jack Field and Supplementary Designations	318-100-118	1	Clamper Suppression — Overall System Tests
318-015-101	1	Picture Transmission — Relationship Between Quality, Bandwidth and Time of Transmission	318-105 A4 Video Transmission System		
318-015-102	1	Effects of Frequency Cutoff Characteristics on Spiking and Ringing of TV Signals	318-105-100	1	Description
318-015-110	1	Low Frequency Noise Associated with Remote Television Pick-ups (N.T.C. Report No. 1)	318-105-110	1	System Lineup
318-015-112	1	Network Transmission Committee — Report No. 7 — Video Facility Testing — Technical Performance Objectives	318-110 Commercial Television Service Multipulse		
318-015-114	1	Premium-Grade — Post-Divestiture Electrical Interfaces and Performance Objectives	■ 318-110-001AC	1	Description and Method of Measurement
318-015-115	1	Standard-Grade Video and Associated Audio Signals — Post-Divestiture Electrical Interfaces and Performance Objectives	318-2 Digital Video Transmission Systems		
318-015-120	1	Type 7003 and Type 7004 (Educational and Industrial Television)	318-200 DTLIS (Digital Television Lightwave System)		
318-020 Local Video Channels and Services			318-200-100	2	Description
318-020-000	2	Service Procedures on Local Video Channels	▲318-200-105	1	Acceptance and Maintenance Tasks
318-020-100	1	Local Video Order Wire	318-203 Tests and Performance Objective		
318-020-101	1	Local Channel Equipment Management (LEM) Plan	318-203-508	2	Local Channel Tests and Performance Objectives
318-1 Analog Baseband Video Transmission Systems			318-203-509	2	TOC/TFTP-Radio Trunk Tests and Performance Objectives
318-100 A2AT Video Transmission System			318-203-510	1	Differential Phase and Gain Measurements Using Telemet Model 3703
318-100-100	1	Overall System — Description	318-3 FV-43 Diplexed Audio System		
318-100-105	1	Test Information	318-300-100	2	Description
318-100-110	1	Terminal and Repeater—Setup Tests	318-300-500	2	Installation and Maintenance
318-100-114	1	Low-Frequency Distortion — Overall System Tests	318-4 Television Operating Centers and Associated Equipment Units		
318-100-115	1	Delay Equalization — Overall System Tests	318-400 J44107 Television Operating Centers		
			318-400-100	2	Description (Large and Medium Size)
			318-400-110	3	Description (Small — 7 by 12 Maximum)

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318-401 Amplifiers

318-401-501	6	J44105E Receiving Terminal Amplifier
318-401-502	6	J44106E Receiving Terminal Amplifier
318-401-503	4	J44107E 1 by 3 Splitting Amplifier
318-401-504	4	Power Supply, Voltage and Alarm Tests

318-402 J44107J Balanced Clamper

318-402-300	5	Initial and Routine Tests
318-402-501	4	Filament Activity Tests
Addendum	1	
318-402-502	4	Clamping Margin and Metallic Suppression Measurements
318-402-503	3	Longitudinal Suppression Tests
318-402-504	3	Trouble Investigation
318-402-505	1	Measurement of Distortion Between 15 KC and 300 KC
318-402-506	1	Measurement of Distortion of Vertical Interval Pulses

318-410 J44107 Video Switches

318-410-100	4	Video Switching Arrangements — Description
318-410-501	3	Check of Electrical Length of Test Cables
318-410-502	3	Amplifiers — Level Adjustments
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318-410-503	4	Measurement of Input Trunks and Associated Paths Through the Video Switch
Addendum	1	
318-410-504	4	Measurement of Output Trunks and Associated Paths Through the Video Switch

318-415 J68364A and J68364B Switching Control Equipment (30 by 30 Maximum)

318-415-100	3	Description
318-415-500	4	Tests and Adjustments

Number	Issue	Subject
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318-420 J68364C Switching Control Equipment (20 by 20 Maximum)

318-420-100	1	Description
318-420-500	2	Tests and Alignment
318-420-501	2	Composite Control Panel Tests When Used for Video Switching
318-420-502	1	Test of Cross Connections, Relay Operation and Circuit Continuity

318-425 Program Encoders

318-425-100	1	MPEG-2 Program Encoder Reference Manual (8-94)
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318-430 J44107AA Monitoring Positions

318-430-100	4	Description
318-430-500	3	Tests and Alignment

318-435 Large Office Test Positions

318-435-100	2	Description
318-435-500	3	Tests and Alignment
318-435-501	2	Test Position Switching Control Operation
318-435-502	2	Test Equipment Setup For Equalization Adjustments
318-435-503	2	Test Equipment Setup for Measuring Differential Phase and Gain
318-435-504	2	61C Signal Generator — Calibration of Video Signal
318-435-505	2	J68362 Video Visual Test Set
318-435-506	2	1070 BR Telechrome Multiburst Frequency Generator
318-435-507	2	KS-15512 L4 Oscilloscope
318-435-508	2	KS-15654 L1 Video Monitor
318-435-509	2	Line-up and Equalization of Test Circuits

318-440 Alignment of Interconnecting Circuits

318-440-100	4	Video Connecting Facilities — Description
318-440-300	1	Periodic Test Intervals
318-440-500	5	Alignment of Radio—TOC Interconnecting Transmit Circuits — Maintenance

Number	Issue	Subject	Number	Issue	Subject
318-440-501	5	Alignment of Radio—TOC Interconnecting Receive Circuits — Maintenance	318-510-590	1	Using LSA-410A or AB Amplifiers — Over-all Line-up Procedures
318-440-502	3	TOC Transmitting to TD Radio Via Local Video Systems	318-511-100	1	Equipment Unit — Jerrold Model LSA- 795A Amplifier
318-440-503	3	TD Radio Transmitting to TOC Via Local Video Systems	318-512-501	1	Equipment Unit — Jerrold Model TML-1 Amplifier
318-440-505	2	Line-up of Customers Loops	318-512-502	1	Equipment Unit — Jerrold Model — TBA-1 Bridging Amplifier
318-5 Coaxial Cable Television Transmission Systems — RF Type			318-512-503	1	Equipment Unit — Jerrold Model TBA-2 Bridging Amplifier
318-500-100	2	Description	318-512-504	1	Equipment Unit — Jerrold Model TLE-1 Line Extender Amplifier
318-500-500	1	Maintenance	318-512-505	1	Equipment Unit — Jerrold Model TAGC-213 Automatic Gain Control Unit
318-500-510	3	Calibration of Test Equipment	318-512-510	1	Equipment Unit — Jerrold Model RPS-30 Power Supply
318-500-520	1	Equipment Unit — SKL Model 211 Amplifier	318-512-520	2	Equipment Unit — Jerrold Channel Commander — Model COM
318-500-521	1	Equipment Unit — SKL Model 211C Amplifier	318-512-540	1	Equipment Unit — Jerrold Model TLSA-510 Amplifier
318-500-530	1	Equipment Unit — SKL Model 448 Pilot Carrier Generator	318-513-100	1	Equipment Units — Jerrold Solid-State SA(W)-Series Amplifiers and Associated Equipment — General Description
318-500-540	1	Equipment Unit — SKL Model 459 Subchannel Converter	Addendum	1	
318-500-550	1	Equipment Unit — SKL Model 474 Automatic Slope Equalizer	318-513-501	1	Equipment Unit — Jerrold Model SA-1 Amplifier
318-500-560	1	Equipment Unit — SKL Model 830 Automatic Level Control Unit	Addendum	1	
318-500-570	1	Equipment Unit — SKL Model 831 Automatic Alarm Unit	318-513-502	1	Equipment Unit — Jerrold Model SA-2 Amplifier
318-500-571	1	Equipment Units — SKL/7027K and 7037K Dual-Pilot Amplifiers	Addendum	1	
318-500-580	2	Equipment Unit — TIC Model 2123A-KS Chromatran	318-513-503	1	Equipment Unit — Jerrold Model SA-3 Amplifier
318-500-590	1	Over-All Line-Up Procedures	Addendum	1	
318-500-591	1	Using 211C Amplifiers — Over-All Line-Up Procedures	318-513-504	1	Equipment Unit — Jerrold Model SA-4 Amplifier
318-510-100	1	Using LSA-410A or AB Amplifiers — Description	Addendum	1	
318-510-500	1	Using LSA-410A or AB Amplifiers — Maintenance	318-513-505	1	Equipment Unit — Jerrold Model SA-5 Amplifier
318-510-520	3	Using LSA-410A or AB Amplifiers — Equipment Unit — Jerrold* Model LSA-410 Type Amplifiers	318-513-506	1	Equipment Units — Jerrold Plug-In Splitters Models S0-1, S0-2, S0-3, S0-4
318-510-570	1	Using LSA-410A or AB Amplifiers — Equipment Unit — Jerrold Model AR-410 Alarm Unit	318-513-507	1	Equipment Unit — Jerrold Model SX-1 Line Extender Amplifier
			Addendum	1	
			318-513-508	1	Equipment Unit — Jerrold Model SPS-12 Power Supply and SPJ-2 Power Combiner

* Jerrold is a trademark of General Instrument Corporation

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Addendum	1	
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318-513-509	1	Equipment Units — Jerrold Hybrid Splitting Network, Model SHS-2 Jerrold Directional Coupling Networks, Models SDC-8, SDC-12, SDC-16 Jerrold Thermal Equalizer, Model STE
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Addendum	1	
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318-513-510	1	Equipment Unit — Jerrold Model SA-6A Distribution Amplifier
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318-513-511	1	Jerrold Model SLE-1 Line Extender Amplifier — Description, Installation, and Maintenance
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318-513-520	2	50- to 220-MHZ Band — Overall Lineup
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318-513-521	1	50- to 220-MHZ Band — Overall Maintenance
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318-590 Vikoa Type Equipment Units

318-590-500	1	Equipment Units — Vikoa VS-67, VS-68 Amplifiers
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318-7 Overall Lineup of Video Facilities

318-700-500	2	Tests and Adjustments
318-700-501	2	Oscilloscope Calibration
318-700-502	2	Multiburst Generator Lineup
318-700-503	2	Video Section of Color Facilities — Routine Lineup Procedure
318-700-504	2	Video Section of Monochrome Facilities — Routine Lineup Procedure
318-700-508	1	Television Systems — Over-All Lineup of Video Facilities — Measurements of Distortion Between 15 KC and 300 KC

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318-715 TD-2 Radio Systems — Differential Gain and Phase

318-715-300	1	Periodic Test Intervals
318-715-500	2	Measurements and Adjustments
318-715-501	1	Video Facilities — Adjustments on TD Radio

318-725 Transmission Impairments on Television Channels

318-725-500	2	Procedure for Locating and Clearing
318-725-501	1	Critical Monitoring Using Video Monitors
318-725-502	1	Critical Monitoring Using Oscilloscopes
318-725-503	1	Critical Monitoring — Video Test Signals
318-725-504	1	Video Levels
318-725-505	1	Interference
318-725-506	1	Low-Frequency Interference
318-725-507	1	High-Frequency Interference
318-725-508	1	Distortion
318-725-509	2	Low-Frequency Distortion
318-725-510	1	Mid-Frequency Distortion
318-725-511	1	High-Frequency Distortion
318-725-512	1	Video Circuits

Division 320**Program Transmission Systems and Services****320-0 Indexes and Equipment Test Lists****320-1 Post-Divestiture Program Audio Services****320-2 Program Audio Equipment****320-3 Program Audio Testing**

Number	Issue	Subject
320-0 Indexes and Equipment Test Lists		
320-000-000	42	Numerical Index — Division 320 — Program Transmission Systems and Services
320-001-011	3	ETL
320-007-000	2	Program Transmission National Industry Advisory Committee Emergency Broadcasting System (NIAC EBS)
320-007-001	2	Program Transmission National Industry Advisory Committee Emergency Broadcasting System (NIAC Order 1)
320-007-002	2	Program Transmission National Industry Advisory Committee Emergency Broadcasting System (NIAC Order 2)
320-007-003	1	Program Transmission National Industry Advisory Committee Emergency Broadcasting System (NIAC EBS) NIAC Orders 101-106

320-1 Post-Divestiture Program Audio Services

320-100-110	1	Electrical Interfaces and Performance Objectives
320-100-111	1	Standard-Grade — Postdivestiture Electrical Interface and Performance Objectives

320-110 Local Channel

320-110-100	1	Procedure for Establishing and Maintaining Circuits
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320-110-105	1	Equalization of 5-, 8-, and 15-kHz—Program and Wired Music Circuits—General Information
320-110-106	1	Preequalization Tests on 5-, 8-, and 15-KC—Program and Wired Music Circuits
320-110-110	1	Equalization of 5 or 8 kHz—Program and Wired Music Circuits
320-110-115	1	Equalization of 15-kHz Program Circuits
320-110-116	1	Equalization of Nonloaded Cable Circuits to 15 kHz for Program Transmission — Description
320-110-120	1	Stereo Channels—Description
320-110-121	1	Testing Methods — Stereo Channels
320-110-125	1	V4 Repeater Equipment — Description and Lineup

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320-120-110	1	Program Operating Center — Program Amplifiers and Equalizers—QVF52B and QVF52E Program Equalizer—QVF52D — Description, Initial Adjustments, and Tests
320-120-112	1	QVF52C and H Program Amplifiers — Description and Initial Adjustments — Program Operating Center
320-120-114	1	QVF7D and QVF7E 4-Wire Repeater Units — Description and Initial Adjustments — Program Operating Center
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320-120-128	1	Through-Connector Units QVF20A and B—Description—Program
320-120-130	1	Test Extender Units QVF33A, B, and C— Description and Use — Program Operating Center

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320-140-111	1	N Carrier Types 6004 and 6005 — 5-kHz Program Terminal — General Description
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320-330 Harmonic Distortion		
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320-330-101	1	Testing Intervals — Harmonic Distortion — 1A Harmonic Distortion Measuring System
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Division 330**Cable and Open-Wire Testing and Trouble Location Methods****330-0 Indexes and General Information****330-2 Coaxial Cables****330-3 Exchange-Area and Subscriber Cables****330-4 Trouble Location Methods Using Voice-Frequency Sweep Test Sets**

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330-000-000	19	Numerical Index — Division 330 — Cable and Open-Wire Testing and Trouble Location Methods
330-2 Coaxial Cables		
330-200 Preparation and Completion Tests		
Addendum	1	
330-200-501	1	L1 and L3 Coaxial Conductors
Addendum	1	
330-200-502	1	L4 Coaxial Conductors
330-3 Exchange-Area and Subscriber Cables		
330-300 Completion Tests		
330-300-500	1	Introduction
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330-300-503	1	Testing
330-300-504	1	Analysis and Reports
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330-300-525	2	Conformance Testing of Subscriber Cables — General
330-300-526	2	Conformance Testing of Subscriber Cables — Administrative Procedures
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330-4 Trouble Location Methods Using Voice-Frequency Sweep Test Sets**330-450 Trouble Location Methods**

330-450-100	1	General Theory
Appendix 01	1	General Theory
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330-450-101	1	Tests on Trunk Cable Pairs
Addendum	1	
330-450-102	2	Tests on Subscriber Cable Pairs
330-450-501	1	Tests at #14 Test Desks or Equivalent
330-450-502	1	Tests at Master Test Frames in No. 5 XB Offices
330-450-503	1	Tests at SXS Test Distributors
330-450-504	1	Tests at the Main Distributing Frame
330-450-505	1	Tests at OGT Frames in No. 1 XB Offices
330-450-506	1	Tests and Trunk Ringing Circuit Appearances at the Main Frame
Addendum	1	
330-450-507	1	Detailed Analyses

Division 331**Transmission and Noise Testing, Central Office PBX Customer Lines and Equipment****331-0 Indexes****331-1 Basic Principles — Noise****331-2 Noise Measurements — Requirements and Procedures****331-7 Central Office Noise****331-8 PBX Lines and Subscriber Loops — Transmission Noise Testing**

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331-001-011	1	ETL

331-1 Basic Principles — Noise

331-100-100	2	Message Circuit and C-Notched — General Information
331-100-101	2	Impulse Noise — General Information

331-2 Noise Measurements — Requirements and Procedures

331-200-100	2	Impulse Noise — Requirements and Measurement
331-200-105	1	Impulse Noise — Trunks — Test Procedures and Investigation

331-7 Central Office Noise

331-700-100	1	Cross-Office Noise Testing Methods — General Description
331-700-110	1	Cross-Office Noise — Testing Methods — Selecting a Sample

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331-700-501	1	Cross-Office Noise Testing Methods — Step-by-Step
331-700-502	1	Cross-Office Noise — Testing Methods — Panel Offices
331-700-503	1	Cross-Office Noise — Testing Methods — No. 1 Crossbar Offices
331-700-504	1	Cross-Office Noise — Testing Methods — No. 5 Crossbar Offices
331-700-505	1	Cross-Office Noise — Testing Methods — No. 1 ESS™ Offices
331-701-500	1	Impulse Noise — Central Office Test Procedures and Investigation
331-701-501	1	Battery Supply Noise — Procedures for Making and Evaluating Noise Measurements on Central Office Battery Supplies

331-8 PBX Lines and Subscriber Loops — Transmission Noise Testing

331-850-501	4	Noise Measurements on Two-Wire Subscriber Loops — Methods and Requirements — At Stations
331-850-502	1	Methods for Identifying and Correcting Inductive Noise Troubles on Subscriber Lines
331-850-505	6	Noise Measurements on 2-Wire Subscriber Loops — Methods and Requirements — At No. 5 Crossbar Central Offices
331-850-506	4	Noise Measurements on 2-Wire Subscriber Loops — Methods and Requirements — At SXS Central Offices
331-850-507	4	Noise Measurements on 2-Wire Subscriber Loops — Methods and Requirements — At No. 1 Crossbar Central Offices
331-850-508	4	Noise Measurements on 2-Wire Subscriber Loops — Methods and Requirements — At Panel Central Offices

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Division 332

**Voice-Frequency Telephone Repeaters, Pilot Wire
Regulators,
Echo Cancellers/Suppressors,
Composite Sets, and Associated Equipment**
**332-0 Index, Equipment Test List, and General Informa-
tion**
332-1 Amplifier Type Telephone Repeaters
**332-2 Negative Impedance Repeaters and Impedance
Compensators**
332-3 Customer Loops — Long Route Design
**332-4 Pilot Wire Regulators, Echo Cancellers/Suppressors,
Toll Conference Grouping Circuits, and Auxiliary
Equipment**
**332-6 Voice-Frequency Consolidated Equipment Arrange-
ments**
332-7 4-Wire Extension
**332-8 4-Wire Terminating Sets and Precision Balancing
Networks**
332-9 Combined Transmission and Signaling Repeaters

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332-000 Index

332-000-000	90	Numerical Index — Division 332 — Voice- Frequency Telephone Repeaters, Pilot Wire Regula- tors, Echo Cancellers/Suppressors, Compo- site Sets, and Associated Equip- ment (2-95)
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332-001 Equipment Test List/Compandor

332-001-011	4	Equipment Test List
332-001-012	2	Compandor

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332-005 Metallic Facility Terminal Data Sheets

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332-005-108	1	J99343AK LSR (LSO) MTSRL37B
332-005-112	1	J99343BC-1,L1 2-Wire Transmission Unit
332-005-113	1	J99343BD-1,L1 4-4 Wire Transmission Unit
332-005-114	1	J99343BE-1,L1 2-4 Wire Transmission Unit (900 Ohm)
332-005-115	1	J99343BF-1,L1 2-4 Wire Transmission Unit (600-Ohm)
332-005-116	1	J99343BG-1,L1 4-4 Wire Pas- sive Transmission Unit With Sealing Current
332-005-117	1	J99343BL Dual 2-Wire Im- pedance Compensation Network MTZN100A
332-005-118	1	J99343BM Dual 2-Wire Im- pedance Compensation Network MTZN200A
332-005-124	1	J99343CE Loop Signaling Ex- tender Unit MTSX412
332-005-126	1	J99343DB-1,L2 Duplex Signaling Unit (DX1/DX2)
332-005-127	1	J99343EA-1,L1 Code Select Ringdown Signaling Unit
332-005-128	1	J99343EB-1,L1 Ringdown Con- verter Signaling Unit
332-005-129	1	J99343EC-1,L2 Private Line Au- tomatic Ringdown Signaling Unit
332-005-131	1	J99343FA-1,L2 Loop Start to DX or E&M Signaling Converter
332-005-132	1	J99343FB-1,L1 DX or E&M to Loop Start Signaling Converter
332-005-133	1	J99343FC-1,L1 GRD ST to DX or E&M Signaling Converter
332-005-134	1	J99343FD-1,L1 DX or E&M to GRD Start Signaling Converter
332-005-137	1	J99343GA-1,L1 Loop Start Only/2 Wire (LSO/2W) Transmis- sion Unit
332-005-138	1	J99343GB,L2 2-2 Wire Term (L)/LSE CFU MTC2210A
332-005-139	1	J99343GC LSR (LSO)/2-2 I (L-L)
332-005-140	1	J99343GD LSR (LSO)/2-2 I (L- NL) Combined Function Unit MTC2130A

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332-005-141	1	J99343GE 2-2 Wire Term RPTR (NL)/LSE CFU MTC2241A	332-005-210	1	J99343GF L2, 2-2 Wire (L-L) Repeater/LSR (LSO) CFU MTC2122A — Data Sheet
332-005-150	1	J99343HA-1,L1 DX1-DX2/4-4 Wire Terminal Repeater	332-005-211	1	J99343GH 2-2 Wire Intermediate Repeater (NL-NL)/LSO CFU— MTC2160
332-005-151	1	J99343HB DX1/4-4 Wire Term RPTR CFU MTC4320A	332-005-212	2	J99343GK 2-2 Wire Intermediate Repeater (L/NL)/LSR (LS/GS) CFU MTC2332 — Data Sheet
332-005-153	1	J99343SF-1,L1 Single Frequency Signaling Unit — 4-Wire Intermediate Repeater	332-005-213	1	J99343GG,L2 2-2 Wire T(L)— I(L-NL)/LSO CFU MTC2131A
332-005-154	1	J99343SG SF SIG/4-4 Wire RPTR CFU MTC4210A	332-005-214	2	J99343GJ 2-2 Wire (L-L) Repeater/LSR (LS/GS) CFU MTC2122A — Data Sheet
332-005-155	1	J99343JB PLAR 2-Wire Combined Function Unit — MTT5100	332-005-215	1	J99343GL 2-2 Wire Intermediate Repeater (NL/NL)/(LS/GS) CFU MTC2360
332-005-158	1	J99343PB-1,L3 2-2 Wire Terminal (NL) Repeater	332-005-251	1	J99343SG, L2 Single Frequency Signaling/4-4 Wire Repeater — Combined Function Unit — Data Sheet — MTC4212AAB
332-005-161	1	J99343PD-1,L3 2-2 Wire Intermediate (NL-NL) Repeater	332-005-263	1	J99343PR Universal Adaptive Repeater MT22F33BAA
332-005-165	1	J99343PG-1,L2 2-2 Wire Terminal (Loaded) Repeater	332-005-264	1	J99343GR 2-2 Wire Universal Adaptive Repeater/Loop Signaling — Extender Combined Function Unit MTC2280BAA
332-005-167	1	J99343PH-1,L2 2-2 Wire Intermediate Repeater (L-L)	332-005-265	1	J99343GS 2-2 Wire Universal Adaptive Repeater/Loop Signaling — Repeater Combined Function Unit MTC2180BAA
332-005-169	1	J99343PJ-1,L2 2-2 Wire Intermediate (L- NL) Repeater	OMNIPORT Network Channel Terminating Equipment		
332-005-172	1	J99343PL,L1 Dual Terminal (L) Repeater MT22A10A	332-005-410	1	BPT1 20-Hz Ringing Generator (NCRG000AXX) — Data Sheet
332-005-173	1	J99343PL,L2 Dual Terminal (L) Repeater MT22A10A	332-005-411	1	BPT10 Dual 2-Wire Maintenance Termination Unit (NCTM100AXX) — Data Sheet
332-005-177	1	J99343RA-1,L4, 2-4 Wire Terminal Repeater	332-005-412	1	BPT20 2-Wire Loop-Start Only Signaling Repeater (NC22100AXX) — Data Sheet
332-005-183	1	J99343RF-1,L2, 2-4 Wire Terminal Repeater	332-005-413	2	BPT21 2-Wire Loop Signaling Repeater — Plus Maintenance (NC22101AXX) — Data Sheet
332-005-186	1	J99343RJ 4-2 Wire Inter/Term (L-NL) RPTR MT42410A	332-005-414	1	BPT22 2-2 Wire Automatic Terminal Repeater (NC22200AXX) — Data Sheet
332-005-187	1	J99343RK 2-4 Wire Inter (L-NL) RPTR MT24610A	332-005-420	1	BPT24 2/4-4 Wire Terminal Repeater DX1/DX2 (NC24110AXX) — Data Sheet
332-005-193	1	J99343SC 4-4 Transmission/Intermediate Repeater MT44311			
332-005-195	1	J99343SN-1,L1 Voice Frequency Amplitude and Delay Equalizer			
332-005-196	1	J99343SD 4-4 Wire T/1 Repeater Plus Sealing Current MT44321			
332-005-200	1	ATP-3 Program Amplifier			
332-005-201	1	ATP-4 600/900 Ohm DC Bypass Unit MTPM1B0A			
332-005-202	1	ATP-5 Bypass Test Unit MTPM1C0A			
332-005-203	1	ATP 11 Dual 2-Wire Maintenance Terminal Unit MTTMD00A			

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332-005-422	1	BPT40 4-4 Wire Terminal Repeater DX1/DX2 (NC44110AXX) — Data Sheet	332-010-100	2	Voice Frequency Telephone Repeaters — General Instructions
332-005-423	1	BPT41 4-4 Wire Term Repeater DX1/DX2 With Maintenance (NC44111AXX) — Data Sheet	332-010-101	2	Procedure for Investigating Gains of Telephone Repeaters
332-005-424	1	BPT42 4-4 Wire Terminal Repeater SF Signaling (NC44120AXX) — Data Sheet	Addendum	1	
332-005-425	1	BPT43 4-4 Wire Terminal Repeater SF Signaling — Plus Maintenance (NC44121AXX) — Data Sheet	332-011-100	1	Repeater Attendant's Telephone Set
332-005-430	1	BPT60 4-4 Wire Data Interface Unit (NCD1000AXX) — Data Sheet	332-011-101	1	4-Wire Telephone Order Wire — Hybrid Coil Bridging
332-005-431	2	BPT62 2/4-4 Wire Data Interface Unit (NCDI010AXX) — BPT62B Wire Data Interface Unit (NCDI050AXX) — Data Sheet	332-011-102	1	4-Wire Telephone Order Wire — Hybrid Coil Bridging — Equipment Arrangements
332-005-432	1	BPT63 4-4 Wire Passive Data Interface Unit (NCDI040AXX) — Data Sheet	332-015-100	2	Simplified Theory of Singing Point Tests
332-005-433	1	BPT61 4-4 Wire Data Interface Unit (NCDI020AXX) — Data Sheet	332-015-300	3	Singing Point Tests
332-005-435	1	BPT71 4-4 Wire Data Interface Unit (NCDI070AXX) — Data Sheet	332-015-500	3	Singing Point Tests for Voice Frequency Trunks
332-005-436	1	BPT72 2/4-4 Wire Data Interface Unit (NCDI060AXX) — Data Sheet	332-016-010	3	Location of Irregularities on Loaded Cable Pairs Through Analysis of Impedance and Impedance Unbalance Curves
332-005-437	1	BPT73 4-4 Wire Passive Data Interface Unit (NCDI080AXX) — Data Sheet	332-017-100	1	Voiceband Multipoint Split Bridge With Gain, Equalization and Test Access — Identification
332-010/017 General Information			332-099 Customer Information Releases (CIRs)		
332-010-010	3	Test Results on Voice Repeaters	332-099-016NP	3	Universal Services Echo Canceler, Transmission Systems
332-010-011	4	Forms for Recording Results of Singing Point and Office Cabling Balance Tests	332-1 Amplifier Type Telephone Repeaters		
332-010-012	4	Circuit Order Tests Circuit Units	22 Type Repeaters		
332-010-015	2	Telephone Repeaters — Jack Field Designations and Assignment Directory	Addendum	3	
			332-100-100	1	22A1
			332-100-101	1	22A2 and D-87797
			Addendum	2	
			332-100-102	1	Circuits and Apparatus Associated With 22A1, 22A2 and D-87797
			332-100-103	2	Modified for 4-Wire Operation
			332-100-104	1	Arranged for AC Operation
			Addendum	2	
			332-100-300	3	22A1, 22A1 (HE), D-87797 and 22A2 — Operating Requirements and Limits

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Addendum	1		332-104-500	1	Initial Line-Up
332-100-501	2	Arranged for AC Operation — Tests and Adjustments	332-104-501	2	227 Type Amplifiers — Tests and Adjustments
			332-104-503	1	F58122 Amplifier — Tests and Adjustments
44 Type Repeaters			332-104-504	1	F-60966 Amplifier, Energy Gated — Installation and Test
Addendum	3		332-105-101	2	24V4A Repeater Mounting Shelf — Description
332-101-100	1	44A1	332-105-102	1	24V4B Repeater Mounting Unit — Description
Addendum	1		Addendum	1	
332-101-101	1	Circuits and Apparatus Associated With the 44A1	332-105-103	2	24V4C Repeater Mounting Shelf — Description
332-101-102	2	Regulating Network Lockup Circuit for Telephoto Services	Addendum	1	
Addendum	1		332-105-104	1	24V4D Repeater Mounting Shelf — Description
332-101-300	5	Operating Requirements and Limits	332-106-101	1	44V4A Repeater Mounting Shelf — Description
Addendum	1		332-106-102	1	44V4B Repeater Mounting Shelf — Description
332-101-500	2	Tests and Adjustments	332-115-101	1	849A Network — Description
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332-102-100	2	V1 Telephone Repeater and Associated Equipment	332-115-104	1	849D Network — Description
332-102-101	1	Repeater Switching Circuit	332-115-105	1	849E Network — Description
332-102-300	6	Circuit Order and Periodic Tests	332-115-106	1	849F Network — Description
Addendum	2		332-115-107	1	849G Network — Description
332-102-500	4	Tests and Adjustments	332-115-108	1	849H Network — Description
V3 Type Repeaters			332-115-109	1	849J Network — Description
332-103-100	2	Description	332-116-101	2	359A Equalizer — Description
332-103-101	1	Bay Arrangements	332-116-102	2	359B Equalizer — Description
332-103-300	3	Circuit Order and Periodic Tests	332-116-103	1	359C Equalizer — Description
332-103-500	4	Tests and Adjustments on V3 Amplifier	332-116-104	2	359D Equalizer — Description
332-103-501	2	V1 and V3 Telephone Repeaters — Associated Equipment Tests and Adjustments	332-116-105	1	359E Equalizer — Description
332-103-502	2	Adjustment of Battery Supply Circuits	332-116-106	2	359F Equalizer — Description
V4 Type Repeaters			332-116-107	1	359G Equalizer — Description
Addendum	1		332-116-108	1	359H Equalizer — Description
332-104-100	1	V4 Telephone Repeater	332-116-109	1	359J Equalizer — Description
332-104-102	2	24V4B Telephone Repeater	332-116-110	1	359K Equalizer — Description
			332-116-111	1	359L Equalizer — Description
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332-116-115	1	359R Equalizer — Description	332-200-102	1	Taking an E1 or E3 Repeater Out of Service and Preparing for Trouble Analysis
332-116-201	3	Strapping Charts for 359A and 359D Equalizers or 4182C Networks	332-200-103	1	Taking E2 or E23 Repeater Out of Service and Preparing for Trouble Analysis
332-116-214	1	Strapping Charts for 359P Equalizer When Using 227A, B, C, D, E or F Amplifiers	332-200-104	1	General Procedures for Trouble Analysis for a Line Equipped With an E1, E2, E13, or E23 Repeater When Little Gain, No Gain or Poor Transmission is Indicated
332-117-101	2	648A Filter — Description	332-200-105	1	General Procedures for Trouble Analysis for a Line Equipped With an E1, E2, E13 or E23 Repeater When Instability or Excessive Gain is Indicated
332-119-101	1	332A Relay — Description	Addendum	1	
332-119-102	1	333A Relay — Description	332-200-106	1	Network Strapping by Use of Charts — E13 or E23 Bridged Repeaters
332-119-103	1	333A Relay — Description	332-200-108	1	Application of Test Terminations Using Test Termination Circuit SD-96476-01 or Trunk Terminating and Patching Jacks at Master Test Frame
332-120-100	1	424V4B Repeater Mounting Shelf — Description	332-200-300	1	Placing E1 or E13 Repeaters In Service Using E-Repeater Test Set
332-121-100	1	3-Way 4-Wire Bridging Repeater — Description	332-200-301	1	Placing E2 or E23 Repeaters In Service Using E-Repeater Test Set
332-121-101	1	3-Way 4-Wire Bridging Repeater — Test Extender — Description	332-200-302	1	Placing E1 or E13 Repeaters In Service Using 2G Repeater Test Set
332-121-110	1	4251(-) Type Networks — Description	332-200-303	1	Placing Repeaters In Service Without the Use of a Repeater Test Set
332-121-500	2	J99338CA 3-Way 4-Wire Bridging Repeaters — J99338F and M Bridging Repeaters — Tests and Adjustments	332-200-500	3	General Information on Tests and Inspections
332-122-100	1	4-Wire Bridging Repeaters (J99338F and M) for Traffic Service Position System SD-7C022-01 — Description	332-200-501	3	Electron Tubes — Visual Checks, Measurements and Adjustment of Applied Voltages
332-130-100	1	306A Repeater Unit — Description	332-200-502	2	Monitoring Tests
332-130-101	1	4229A Network — Description	332-200-503	2	Effective Gain Measurement — Method A — Using E Repeater Test and Test Oscillator
332-131-100	1	Voice Operated Switched Gain Repeater — Description	332-200-504	2	Effective Gain Measurement — Method B — Using E Repeater Test Set and Noise Generator
332-131-500	1	Voice Operated Switched Gain Repeater — Test and Adjustment			
332-140-100	1	215A Repeater — Description			
332-140-200	1	215A Repeater — Installation and Maintenance			
332-2 Negative Impedance Repeaters and Impedance Compensators					
E Type Repeaters					
332-200-000	3	E1 Telephone Repeater — General Information			
332-200-100	1	General Information on Placing Repeaters In Service			

Number	Issue	Subject	Number	Issue	Subject
332-200-505	2	Effective Gain Measurement — Method C — Using 2G Repeater Test Set and Test Oscillator	332-206-131	1	830J Network — Description
332-200-506	2	Effective Gain Measurement — Method D — Using 2G Repeater Test Set and Noise Generator	332-206-151	1	837A Network — Description
332-200-507	1	Effective Gain Measurement — Method E — Measurements of Gain Peaks and Valleys — Using E Repeater Test Set	332-206-152	1	837B Network — Description
332-200-508	1	Effective Gain Measurements — Method F — Measurements of Gain Peaks and Valleys — Using 2G Repeater Test Set	332-206-153	1	837C Network — Description
332-200-509	2	Circuit Net Loss Measurement — Method A — Using a Test Oscillator	332-206-154	2	837D and J99380AA — Description
332-200-511	3	Gain Tests for Repeater in a Standard 600 Ohm Circuit — Method A — Using the E Repeater Test Set	332-206-155	2	837E and J99380AB — Description
332-200-512	2	Gain Tests for Repeater in a Standard 600 Ohm Circuit — Method B — Using the 2G Repeater Test Set	332-206-156	1	837F Network — Description
332-205-100	2	Impedance Compensators — Description	332-206-157	4	837G and J99380AC — Description
332-205-500	2	Impedance Compensators — Tests and Adjustments	332-206-158	1	837J Network — Description
Addendum	1		Addendum	1	
332-206-100	1	E6 Repeater	332-206-200	2	E6 Repeater — Alignment Procedure
332-206-101	1	E6 Repeater Disabler (J99253L) — Description	332-206-221	1	830A Network — Installation and Prescription Settings
332-206-102	1	E6 Repeater Solid-State Disabler SD-97023- 01 — Description	332-206-222	1	830B Network — Installation and Prescription Settings
332-206-120	1	Subscriber Loop — Remote Message Repeater — Description	Addendum	1	
332-206-121	1	830A Network — Description	332-206-223	1	830C Network — Installation and Initial Settings
332-206-122	1	830B Network — Description	332-206-225	1	830E Network — Installation and Prescription Settings
332-206-123	1	830C Network — Description	332-206-227	2	830G Network — Installation and Prescription Settings
332-206-124	2	830D Network — Description	332-206-228	1	830H Network — Installation and Prescription Settings
332-206-125	1	830E Network — Description	332-206-229	1	E6 Range Extender — Installation
332-206-126	1	830F Network — Description	332-206-231	1	830J Network — Installation and Prescription Settings
332-206-127	4	830G Network — Description	332-206-251	1	837A Network — Installation and Prescription Settings
332-206-128	1	830H Network — Description	332-206-252	1	837B Network — Installation and Prescription Settings
332-206-129	1	E6 Range Extender — Description	332-206-253	1	837C Network — Installation and Prescription Settings
332-206-130	1	E6B Range Extender — Description and Installation	Addendum	1	
			332-206-254	2	837D and J99380AA — Installation and Initial Settings
			332-206-255	2	837E and J99380AB — Installation and Prescription Settings
			332-206-256	1	837F Network — Installation and Prescription Settings
			332-206-257	3	837G and J99380AC — Installation and Prescription Settings
			332-206-258	1	837J Network — Installation and Prescription Settings

Number	Issue	Subject	Number	Issue	Subject
332-206-500	2	E6 Repeater — Routine Tests and Adjustments	332-400-500	3	4A System — Tests and Adjustments
332-206-520	1	Subscriber Loop — Remote Message Repeater — Maintenance Tests	Addendum	1	
332-207-100	1	E7 Repeaters — Introduction	332-401-100	1	5A System — Description
332-207-101	1	E7 Repeater — Theory	332-401-500	3	5A System — Tests and Adjustments
332-207-121	1	E7 Repeater — Application to MTWX Circuits	332-402-100	1	Regulated Circuit Units — Gain Corrections
332-207-301	1	E7 Repeaters — Line-Up	Echo Suppressors		
332-207-311	1	E7 Repeaters — Maintenance	332-410-101	1	1A Suppressor — With Enabler and Disabler
332-208-100	1	Negative Impedance Converter — Description	332-410-102	3	1A Suppressor — Modification for Use on Telephotograph Circuits
332-210-100	5	Range Extender With Gain — REG, Lists 1, 2, 3 and 5A REG, 5B REG — Description and Operation	332-410-103	1	1A Suppressor — With Enabler and Disabler — Equipped With 326-Type Mercury Relays — Description
332-210-101	2	Mini-Reg System and 7A Range Extender With Gain — Description and Operation	332-410-301	2	1A Suppressor — Test From Trunk Terminals
Addendum	1		Addendum	1	
332-210-102	1	8A Range Extender — Coin Reg — Description, Operation, and Installation — (DLXR810MAA)	332-410-500	5	1A Suppressor and Disabler — Tests and Adjustments
332-210-500	5	Range Extender With Gain — REG, Lists 1, 2, 3 and 5A REG, 5B REG — Initial Alignment and Tests	Addendum	1	
332-211-100	1	Signaling Range Extender (SRE) — Description and Operation	332-410-501	1	1A Echo Suppressor and Disabler Equipped With 326-Type Mercury Relays — Tests and Adjustments
332-211-500	1	Signaling Range Extender (SRE) — Operational Tests	332-412-101	2	3A Echo Suppressor — Description
332-3 Customer Loops — Long Route Design			332-412-102	2	3B Echo Suppressor — Description
332-310-510	1	E6 Repeater Lineup — Subscriber Loops	Addendum	1	
332-4 Pilot Wire Regulators, Echo Cancellers/Suppressors, Toll Conference Grouping Circuits, and Auxiliary Equipment			332-412-500	2	3A Echo Suppressor — Lineup
Pilot Wire Regulators			Addendum	1	
Addendum	1		332-412-502	2	3B Echo Suppressor — Lineup
332-400-100	2	4A Pilot Wire Transmission Regulating System	❶ 332-413-100	1	2A Echo Suppressor — Description
332-400-300	2	4A and 5A System — Initial Line-Up and Maintenance Procedures	❶ 332-413-300	1	2A Echo Suppressor — Circuit Order and Maintenance Test Intervals
			332-414-100	2	4A Echo Suppressor — Description
			332-414-101	1	4A Echo Canceler Logic Unit (J68914AE-1)
			332-414-105	1	4A Echo Suppressor — J68914TA Test Extender — Description

Number	Issue	Subject
332-414-200	1	4A Echo Suppressor — Installation Tests
332-414-500	1	4A Echo Suppressor — Trouble Location
332-414-501	1	4A Echo Canceler Logic Unit (J68914AE-1) — Tests

Signal Processing Systems (SPS)/Echo Cancelers

332-415-100	1	4B International Echo Canceler — Description, Operation, Installation, and Maintenance
332-415-110	2	Digital Echo Canceler Model EC32000 — Description and Operation
■ 332-415-120AC	3	Asset III (Advanced Switchable Signaling and Echo Canceling Terminal III) — Description, Operation, and Maintenance (9-93)
Addendum	1	
332-415-130	3	USEC (Universal Services Echo Canceler) Description, Operation, and Maintenance
■ 332-415-135	2	Enhanced USEC (Universal Services Echo Canceler) Description, Operation, and Maintenance (9-93)
■ 332-415-136	2	Echo Canceler Universal Users Guide Model 360J Rel 1.1
■ 332-415-136JA	2	Echo Canceler Universal Users Guide Model 360J Rel 1.1 Japanese Language Version
332-415-137	2	Echo Canceler Universal Users Guide European Version Rel 1.1
■ 332-415-138	1	Enhanced Universal Service Echo Canceler (USEC) iPPC (individual Per Call Control) Release — Description, Operation, and Maintenance (1-95)
1A Compandor		
Addendum	1	
332-420-100	1	Description
332-420-300	1	Circuit Order and Periodic Tests
332-420-500	2	Testing Methods
332-421-100	3	N3 Compandor Applique Circuit — General Description
332-421-500	2	N3 Compandor Applique Circuit — Tests and Adjustments

Number	Issue	Subject
Toll Conference Grouping Circuits — 6 Outlet Arrangement		
332-430-100	3	Switching Pad Non-Gain and Cord Circuit Repeater Offices
332-430-300	3	Periodic Tests and Trouble Investigations — Switching Pad Non-Gain and Cord Circuit Repeater Offices

Toll Conference Grouping Circuits — 6 Outlet Arrangement With Repeaters

332-430-500	3	Tests and Adjustments — Switching Pad Non-Gain and Cord Circuit Repeater Offices
332-431-100	2	Six Outlet V Repeatered Volcas Arrangement
332-431-300	2	Periodic Tests and Adjustments — Six Outlet V Repeatered Volcas Arrangement
332-431-500	3	Six Outlet V Repeatered Arrangement — Tests and Adjustments — Volcas for 22 Type Repeaters Used With Toll Conference Grouping Circuits
332-432-100	2	Volcas for 22 Type Repeaters Used With Toll Conference Grouping Circuits
332-432-300	2	Periodic Tests and Trouble Investigation

Toll Conference Grouping Circuits — 6 Outlet Arrangement Without Repeaters

332-432-500	2	Tests and Adjustments — Non-Repeatered Toll Conference Grouping Circuit
332-433-100	1	Three Outlet Arrangement — Non-Repeatered
332-434-100	1	4233A Network — 4-Way, 4-Wire Bridge — Description
Addendum	1	
332-435-100	1	Multipoint Conference Bridge — Description
Addendum	1	
332-435-500	2	Multipoint Conference Bridge — Tests and Adjustments — Toll Conference Service
① 332-436-100	1	Specialized Network Conferencing Systems (SNCS) — Description, Methods of Operation, and Test Procedures

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❶ 332-436-101	1	Specialized Network Conferencing Systems (SNCS) — Executive Intercompany Conferencing Arrangement (EICA) — Description, Method of Operation, and Test Procedures	332-610-102	1	J99400C, D, and E — Description
❶ 332-436-110	1	Specialized Network Conferencing Systems (SNCS) — Pulsecom* Model 1682-1 Time Division Conference Bridge — Description, Methods of Operation, and Test Procedures	332-610-103	1	J99400K (Lists 1 and 2) Housing Assembly — Description — Packaged Metallic Facility Terminal Assembly
❶ 332-436-120	1	Specialized Network Conferencing (SNCS) — Conference Control Switching Circuit (CCSC) — Description, Method of Operation, and Test Procedures	332-610-104	2	J99400R and J99400S Housing Assemblies — Description — Packaged Metallic Facility Terminal Assemblies
Auxiliary Equipment			332-610-105	1	J99400F Housing Assembly — Description — Packaged Metallic Facility Terminal Assemblies
332-450-100	3	Composite Sets and Associated Hybrid Transformers	332-610-200	3	Installation
332-450-500	1	Testing and Balancing Composite Sets and Associated Line or Hybrid Transformers	332-610-201	1	J99400A Housing Assembly — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies
332-6 Voice-Frequency Consolidated Equipment Arrangements			332-610-202	1	J99400C, D, and E Housing Assemblies — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies
Using E-Type SF Signaling Units			332-610-203	1	J99400K Housing Assembly — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies
332-600-101	1	Description and Application of J98617J-2 Bay	332-610-204	1	J99400R and J99400S Housing Assemblies — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies
332-600-102	1	Maintenance Provisions	332-610-205	1	J99400F Housing Assembly — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies
Customer's Premises Facility Terminal for Type F Signaling System			332-610-500	3	Maintenance and Testing Information
332-601-100	1	Description	OMNIPOINT Network Channel Terminating Equipment		
332-601-200	1	Identification, Connections, and Installation	332-620-001	2	Product Ordering Guide
332-601-500	1	Maintenance and Lineup	332-620-100	2	General Description
Customer Premises Facility Terminal for Metallic Facility Terminal Plug-In Equipment			332-620-101	1	146A (1-Circuit) Mounting — Description and Installation
Addendum	1		332-620-102	1	146C (3-Circuit) Mounting — Description and Installation
332-610-100	3	General Description	332-620-103	1	146F (6-Circuit) Mounting — Description and Installation
332-610-101	1	J99400A Housing Assembly — Description — Packaged Metallic Facility Terminal Assemblies	332-620-104	1	146L (12-Circuit) Mounting — Description and Installation
			332-620-105	1	146S (72-Circuit) Mounting Cabinet — Description and Installation

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Number	Issue	Subject	Number	Issue	Subject
332-620-106	1	146B Single-Circuit Mounting — Description and Installation	332-620-131	2	BPT62 2/4-4 Wire Data Interface Unit — BPT62B 2/4-4 Wire Data Interface Unit — Description and Installation
332-620-107	1	146R (48-Circuit) Mounting Cabinet — Description and Installation	332-620-132	1	BPT63 4-4 Wire Passive Data Interface Unit — Description and Installation
332-620-108	1	146T (48-Circuit) Mounting Cabinet — Description and Installation	332-620-133	1	BPT61 4-4 Wire Data Interface Unit — Description and Installation
332-620-109	1	146H 8-Circuit Data Unit Mounting — Description and Installation	Addendum	1	
Addendum	1		332-620-134	1	10A Unit, Data Interface — Description and Installation
332-620-110	1	BPT40 4-4 Wire Terminal Repeater DX1/DX2 and BPT41 4-4 Wire Terminal Repeater DX1/DX2 Plus Maintenance — Description and Installation	332-620-135	1	BPT71 4-4 Wire Data Interface Unit — Description and Installation
332-620-111	1	BPT10 Dual 2-Wire Maintenance Termination Unit — Description and Installation	332-620-136	1	BPT72 2/4-4 Wire Data Interface Unit — Description and Installation
Addendum	1		332-620-137	1	BPT73 4-4 Wire Passive Data Interface Unit — Description and Installation
332-620-112	1	BPT20 2-Wire Loop-Start Only Signaling Repeater and BPT21 2-Wire Loop-Start Only Signaling Repeater Plus Maintenance — Description and Installation	332-7 4-Wire Extension		
332-620-113	1	BPT1 20-Hz Ringing Generator — Description and Installation	332-700-101	1	4182A Network — Description
332-620-114	1	BPT22 2-2 Wire Automatic Terminal Repeater — Description and Installation	332-700-102	1	4182B Network — Description
332-620-115	1	BPT24 2/4-4 Wire Terminal Repeater DX1/DX2 and BPT25 2/4-4 Wire Terminal Repeater DX1/DX2 Plus Maintenance — Description and Installation	332-700-103	2	4182C Network — Description
332-620-116	1	BPT42 4-4 Wire Terminal Repeater SF Signaling and BPT43 4-4 Wire Terminal Repeater SF Signaling Plus Maintenance — Description and Installation	332-8 4-Wire Terminating Sets and Precision Balancing Networks		
332-620-120	1	43A Test Extender — Description	Terminating Sets		
332-620-121	1	146W Single-Circuit Data Interface Mounting — Description and Installation	332-800-101	2	1A and 1K — Description
332-620-130	1	BPT60 4-4 Wire Data Interface Unit — Description and Installation	332-800-102	2	1B and 1L — Description
			332-800-103	3	1C, 1F, and 1M — Description
			332-800-104	2	1D and 1N — Description
			332-800-105	1	1G — Description
			332-800-106	1	1H — Description
			332-800-107	1	1J — Description
			332-800-108	2	1P and 1R Terminating Sets — Description
			Data on Balancing Equipment		
			332-851-101	2	115-Type Networks for Toll Message and Program Circuits
			Addendum	3	
			332-851-102	1	Line Balance Network Data

Number	Issue	Subject
Addendum	3	
332-851-103	1	Exchange Line Balancing Network Data
Networks		
332-852-100	1	4066 — Description
332-852-101	3	4066A — Description
332-852-102	1	4066B — Description
332-852-103	1	4066C — Description
332-852-104	1	4066D — Description
332-852-105	1	4066E — Description
332-852-106	1	4066F — Description
332-852-107	2	4066G — Description
332-852-108	1	4066H — Description
332-852-109	1	4066K — Description and Settings

332-9 Combined Transmission and Signaling Repeaters**J98619A Subscriber Loop**

332-906-110	2	Message and Signal Repeater
332-906-510	2	Tests and Adjustments

Metallic Facility Terminal

332-910-100	4	Description
Addendum	2	
332-910-101	5	Shelf, Frame, Power Panel, and Distributing Frame Arrangements — Description
332-910-102	2	Test Extender (J99343TB) — SD-1C485-02 — Description and Operation
332-910-103	2	J99343TN Facility Matching Test Set — Description and Operation
332-910-110	1	ATP11 — Dual 2-Wire Maintenance Termination Unit — Description — Voice-Frequency Special Services
332-910-180	3	General Application
332-910-210	1	ATP 11 — Dual Two-Wire Maintenance Termination Unit — Installation and Testing — Voice-Frequency Special Services
332-911-101	3	Loop Signaling Repeaters (J99343AA, AB, AC, AD, AE, AF, AH) — Description

Number	Issue	Subject
332-911-102	5	Loop Signaling Extender (J99343CA, CB, CC, CD, CE) — SD-1C359-01 and SD-7C050-01 — Description
332-911-103	1	DX1 and DX1/DX2 Signaling Units (J99343DA, DB) — SD-1C359-01 — Description
332-911-104	2	Ringdown Signaling Units (J99343EA, EB, EC) — SD-1C359-01 — Description
Addendum	1	
332-911-105	1	Loop-Start and Ground-Start to DX or E&M — Signaling Converters (J99343FA, FB, FC, FD) — SD-1C359-01 — Description
332-911-106	1	Signaling Lead Access Unit (J99343MA) — SD-1C359-01 — Description
332-911-107	1	J99343AJ and J99343AK Loop Signaling Repeaters — Description
332-911-201	3	Metallic Facility Terminal — Loop Signaling Repeater (J99343AA, AB, AD, AE, AF, AH) — Installation and Testing — SD-1C359-01
332-911-202	2	Loop Signaling Extender (J99343CA, CB, CC, and CD) — Installation and Testing
332-911-203	1	Metallic Facility Terminal — DX1 and DX1/DX2 Signaling Units — J99343DA, DB — Installation and Testing — (SD-1C359-01)
332-911-204	1	Metallic Facility Terminal — Ringdown Signaling Units (J99343EA, EB, EC) — SD-1C359-() — Installation and Testing
332-911-205	1	Metallic Facility Terminal — Loop-Start and Ground-Start to DX or E&M — Signaling Converters (J99343FA, FB, FC, and FD) — Installation and Testing
332-911-207	1	J99343AJ and J99343AK Loop Signaling Repeaters — Installation and Testing
332-912-101	2	J99343BA, BB, and BC-2 Wire Transmission Units, ATP-4 600/900 Ohm DC Bypass Units, and ATP-5 Bypass Test Unit — Description

Number	Issue	Subject	Number	Issue	Subject
332-912-102	1	2-4 Wire Transmission Units (J99343BE, BF) — SD-1C359-01 — Description	332-912-152	3	Loop-Start Only/2-Wire Transmission Unit (J99343GA Lists 1 and 2) SD-7C050-01 Description
332-912-104	2	4-4 Wire Transmission Unit (J99343BD) — SD-1C359-01 Description	332-912-153	2	J99343GB, L1 and L2, Loop Signaling Extender/2-2 Wire Terminal Repeater (L) Combined Function Unit — Description
332-912-105	2	J99343BG 4-4 Wire Passive Transmission Unit With Sealing Current — Description	332-912-154	2	J99343GC Loop Signaling Repeater — (Loop-Start Only)/2-2 Wire Intermediate Repeater (L-L) Combined Function Unit — Description
332-912-106	1	Dual 2-Wire Impedance Compensation Networks — J99343BL, BM, and BN — Description	332-912-155	2	J99343GD Loop Signaling Repeater(Loop- Start Only)/2-2 Wire Intermediate Repeater (L-NL) Combined Function Unit — Description
332-912-113	2	J99343PA, PG (Lists 1 and 2) 2-2 Wire Terminals (Loaded) Repeaters — Description	332-912-156	2	J99343GE Loop Signaling Extender/2-2 Wire Terminal Repeater (NL) Combined Function Unit — Description
332-912-114	2	J99343PB (Lists 1, 2, and 3) 2-2 Wire Terminal (Nonloaded) Repeaters — Description	Addendum	1	
332-912-115	2	J99343PD (Lists 1, 2, and 3) 2-2 Wire Intermediate (Nonloaded-Nonloaded) Repeaters — Description	332-912-157	2	J99343GF (L1 & L2) and GJ 2-2 Wire Intermediate Repeater (L-L)/Loop Signaling Repeaters Combined Function Units — Description
332-912-116	2	J99343PC, PH (Lists 1 and 2) 2-2-Wire Intermediate Repeaters (Loaded-Loaded) — Description	Addendum	1	
332-912-117	3	J99343PE, PF, PJ, and PK 2-2 Wire Intermediate — (Loaded-Nonloaded and Nonloaded-Loaded) Repeaters — Description	332-912-158	2	J99343GG-L1 and L2, and GK 2-2 Wire Intermediate Repeater (L-NL)/Loop Signaling Repeater Combined Function Units — Description
332-912-121	5	4-2 Wire Repeaters (J99343RB, RC, RG, RJ) — 2-4 Wire Intermediate Repeaters (J99343RD, RE, RH, RK) — Description	332-912-159	2	J99343JA and JB Private Line Automatic Ringdown/2-Wire Transmission Units — Description
332-912-134	2	J99343SA and SB — 4-4 Wire Terminal/Intermediate Repeaters — Description	Addendum	1	
332-912-135	2	J99343RA and RF 2-4 Wire Terminal Repeaters — Description	332-912-160	1	J99343GH and GL 2-2 Wire Intermediate Repeater (NL-NL)/Loop Signaling Repeaters Combined Function Units — Description
332-912-136	1	J99343SC and SD 4-4 Wire Intermediate/Terminal Repeaters — Description	332-912-161	2	J99343HA DX1-DX2/4-4 Wire Terminal Repeater and J99343HB DX1/4-4 Wire Terminal Repeater — Description
Addendum	1		332-912-163	1	J99343PR Universal Adaptive Repeater — Description
332-912-141	3	J99343PL (L1 and L2) 2-Wire Dual Terminal Loaded (L) Repeaters — Description			
Addendum	2				
332-912-151	2	J99343SF and SG Single Frequency/4-4 Wire Repeater Combined Function Units — Description			

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332-912-164	1	J99343GR 2-2 Wire Universal Adaptive Repeater/Loop Signaling Extender — Combined Function Unit — Description	332-912-222	3	Prescription Setting Procedures for 4-2 Wire (J99343RB, RC, RG, and RJ) and 2-4 Wire Repeaters (J99343RD, RE, RH, and RK)
332-912-165	1	J99343GS 2-2 Wire Universal Adaptive Repeater/Loop Signaling Repeater — Combined Function Unit — Description	332-912-232	3	4-4 Repeaters (J99343SA, SB) 2-4 Terminal Repeaters (J99343RA, RF) — 4-Wire Combined Function Units (J99343HA, SF) Prescription Setting Procedures
332-912-201	1	2-Wire Transmission Units (J99343BA, BB, BC) SD-1C359-01 — Installation and Testing	332-912-234	1	4-4 Wire Repeaters — Installation and Testing
332-912-202	1	2-4 Wire Transmission Units (J99343BE, BF) SD-1C359-01 — Installation and Testing	332-912-235	1	2-4 Terminal Repeaters (J99343RA, RF) — (SD-1C359-01) — Installation and Testing
332-912-204	1	4-4 Wire Transmission Units (J99343BD) SD-1C359-01 — Installation and Testing	332-912-236	1	J99343SC and SD 4-4 Wire Terminal/Intermediate Repeaters — Installation and Test
332-912-205	1	J99343BG 4-4 Wire Passive Transmission Unit With Sealing Current — Installation and Testing	332-912-241	2	J99343PL (L1 and L2) 2-Wire Dual Terminal Loaded (L) Repeaters — Installation and Testing
332-912-206	1	Dual 2-Wire Impedance Compensation Networks — J99343BL, BM, and BN — Installation and Prescription Settings	332-912-250	2	Amplitude and Delay Equalizer (J99343SN) — Description and Installation
Addendum	2		Addendum	1	
332-912-212	4	2-2 Repeaters J99343PA, PB (L1, L2, & L3), PC, PD (L1, L2, & L3), PE, PF, PH, PG (L1 & L2), PK (L1 & L2), PR and 2-2 Combined Function Units J99343GD, GE, GR, and GS — Prescription Settings	332-912-251	2	J99343SF and J99343SG — Single Frequency Signaling/4-4-Wire Repeater — Installation and Testing
332-912-213	1	J99343PA and J99343PB (L1 and L2) 2-2 Wire Terminal Repeaters (L) — Installation and Testing	332-912-252	3	Loop-Start Only/2-Wire Transmission Unit (J99343GA, Lists 1, 2, and 3) — Installation and Test
332-912-214	2	J99343PA (L1, L2 and L3) 2-2 Terminal Repeater — Installation and Testing	Addendum	2	
332-912-215	1	Metallic Facility Terminal — 2-2 Intermediate Repeaters J99343PC, PH (L1 and L2), PD (L1, L2 and L3), PE, PJ (L1 and L2), PF, and PK (L1 and L2) — SD-1C359-01 — Installation and Testing	332-912-253	1	Loop Signaling Extender/2-2 Wire Terminal Loaded Repeater (J99343GB) — Combined Function Unit — SD-7C050-() — Installation and Test
Addendum	1		Addendum	2	
332-912-221	3	4-2 Wire Repeaters (J99343RB, RC, RG, RJ) — 2-4 Wire Intermediate Repeaters (J99343RD, RE, RH, RK) — Installation and Testing	332-912-254	1	Loop Signaling Repeater Loop-Start Only/2-2 Wire Intermediate Repeater (L-L), J99343GC — SD-7C050() — Installation and Testing

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Addendum	2		332-912-260	1	J99343GH and GL Loop Signaling Repeater/2-2 Wire — Intermediate Repeater (NL-NL) Combined Function Unit — Installation and Testing
332-912-255	1	Loop Signaling Repeater — Loop-Start Only/2-2 Intermediate (L-NL) Repeater (J99343GD) — Combined Function Unit SD-7C050-() — Installation and Testing	332-912-261	2	J99343HA DX1-DX2/4-4 Wire Terminal (PRE- and POST-EQL) Repeater — Installation and Testing
Addendum	2		332-912-262	1	J99343KA Metallic Facility Terminal Unit- Circuit Switched Digital Capability (MFT- CSDC) — Description, Installation, and Test Procedures
332-912-256	1	Loop Signaling Extender/2-2 Wire Terminal Repeater (J99343GE) — Combined Function Unit (CFU) — SD-7C050-() — Installation and Test	332-912-263	1	J99343PR 2-2 Wire Universal Adaptive Repeater — Installation and Testing
332-912-257	2	J99343GF (L1&L2) and GJ 2-2 Wire (L-L) Intermediate/Loop Signaling Repeaters Combined Function Units — Installation and Testing	332-912-264	1	J99343GR 2-2 Wire Universal Adaptive Repeater/Loop Signaling Extender— Combined Function Unit — Installation and Testing
332-912-258	2	J99343GG, L1&L2 and GK Loop Signaling Repeater /2-2 Wire Intermediate Repeater (L-NL) Combined Function Unit — Installation and Testing	332-912-265	1	J99343GS 2-2 Wire Universal Adaptive Repeater/Loop Signaling — Repeater Combined Function Unit — Installation and Testing
332-912-259	2	J99343JA and JB 2-Wire Private Line Automatic Ringdown — Combined Function Unit — Installation and Tests			

Division 333**Interoffice Signaling Systems and Testing****333-0 Indexes and Equipment List****333-1 Overall Testing of Signaling Layouts****333-2 CCIS (Common Channel Interoffice Signaling System)**

Number	Issue	Subject
333-0 Index and Equipment Test List		
333-000 Index		
333-000-000	25	Numerical Index — Division 333 — Interoffice Signaling Systems and Testing

333-001 Equipment Test List

333-001-011	1	ETL
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333-1 Overall Testing of Signaling Layouts

333-121-500	1	Overall Dial Pulsing Test — General
333-122-501	1	Applications of the 2B or 2B-1 Test Sets and Pulse Repeating Adapter
333-122-601	1	CX and SF Signaling Circuits — Tests Using 1A Signaling Test Set
333-122-603	4	Intertoll Dialing — Type B CX and SX Signaling Circuits — Overall Dialing Trunk Pulsing Test from Toll Testboards

Number	Issue	Subject
333-122-605	4	Intertoll Dialing — Type B CX and SX Signaling Circuits — Overall Dialing Trunk Pulsing Tests from 2-Way Trunk Test Jack
333-122-607	4	Intertoll Dialing — Type B CX, DX, and SX Signaling Circuits — Overall Pulsing Tests Using Pulse Repeating Test Set (SD-64540-01) on E and M Leads
Addendum	1	
333-123-500	2	Overall Signaling Arrangement and Testing — Dial Pulsing Tests on Intertoll Trunks
333-124-500	4	Pulsing Requirements — Local and Toll Connecting Trunks
333-125-500	1	Dial Pulsing Tests on FX and WATS Circuits
333-126-500	1	Pulsing Tests on Dial Tie Trunks
333-127-500	1	Pulsing Tests on Switched Services — Networks Access Lines

333-2 CCIS (Common Channel Interoffice Signaling System)

❶	333-200-021	2	Duties and Responsibilities for Operation of a CCIS System
❶	333-200-025	1	Network Administration Center (CNAC) — General
❶	333-200-026	1	Network Administration Center (CNAC) — Network Planning
❶	333-200-029	1	Network Administration Center (CNAC) Planning and Analysis System
❶	333-200-060	2	Intertoll Signaling Links — Installation and Administration
❶	333-200-100	2	General Description
❶	333-200-101	1	Signaling Structure
❶	333-200-105	1	System Description

Division 340**Picturephone ServicesBaseband Video Transmission****340-0 Indexes and Equipment Test List****340-1 Order-Wire Facilities****340-2 Cable Equalizers****340-5 Video Distribution Amplifier**

Number	Issue	Subject
340-0 Indexes and Equipment Test List		
340-000-000	12	Numerical Index — Division 340 — Picturephone Services — Baseband Video Transmission
340-001-011	2	ETL
340-1 Order-Wire Facilities		
340-100-110	1	Description, Method of Operation, Maintenance

Number	Issue	Subject
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340-2 Cable Equalizers

340-200-100	1	General Description
340-200-500	2	Maintenance Considerations — Including Test Set Requirements
Addendum	2	
❶ 340-200-501	1	Video Loop Facility Alignment
Addendum	1	
340-200-502	1	Video Loop Facility Trouble Location
340-200-503	1	Video Test Trunk Alignment
340-200-504	1	Video Test Trunks — Trouble Location
340-200-505	1	Video Trunk Facility Alignment
340-200-506	1	Video Trunk Facility Trouble Location
340-200-507	1	For Tandem and Operator Trunks — Installation, Adjustment, and Trouble Location

340-5 Video Distribution Amplifier

340-500-100	1	297A — Description, Installation, and Testing
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Division 341**Picturephone Transmission Performance Plan****341-0 Indexes****341-1 General and Network****341-2 Subscriber Lines****341-3 Interoffice Trunks****341-4 Picturephone Offices**

Number	Issue	Subject
341-0 Indexes		
341-000-000	8	Numerical Index — Division 341 — Picturephone Transmission Performance Plan

341-1 General and Network

Addendum	1	
341-100-100	1	General Description
341-100-120	1	Tests Lines, Trunks, and Termi- nations — General Description
341-100-150	1	Glossary of Terms and Defini- tions
341-100-500	1	Analysis Procedures
341-100-600	1	Waveform Testing

Number	Issue	Subject
341-2 Subscriber Lines		
341-200-100	1	Service Order and Periodic Tests
341-200-500	1	Trouble Isolation Procedures
341-3 Interoffice Trunks		
341-300-100	1	Circuit Order and Periodic Tests
341-300-500	1	Trunk Isolation Procedures
341-4 Picturephone Offices		
341-400-100	1	Periodic Tests
341-420-100	1	Audio Loss Measurements

Division 354**Frequency Generating Systems****354-0 Index and Equipment Test Lists****354-1 Frequency Generating Systems**

Number	Issue	Subject
354-0 Index and Equipment Test Lists		
354-000-000	66	Numerical Index — Division 354 — Frequency Generating Systems

354-001 Equipment Test Lists

354-001-011	11	Frequency Generator Systems
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354-1 Frequency Generating Systems**354-100 Reference Frequency Standard****Description**

354-100-101	1	X-76015 Bell System Reference Frequency Standard
354-100-102	1	NY4 Sync Signal Selector

Tests

354-100-501	1	Airmont Reference Frequency Standard
354-100-502	1	NY4 Sync Signal Selector

354-101/109 Primary Frequency Supplies

NOTE: For information on the equipment which has retroactively been designated PFS-1, see Division 356-150 layer.

354-102 PFS-2A

354-102-100	2	Description
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Tests

354-102-500	4	Maintenance Considerations
354-102-501	2	239A and 239E Pilot Amplifiers
354-102-502	1	1A Counter
354-102-503	1	246A Pilot Shaper and Discriminator

Number	Issue	Subject
354-102-504	6	Primary Frequency Supply (PFS-2A) — Tests — Phase-Lock Loops and 1024-kHz Frequency
354-102-505	1	246C Switch
354-102-506	3	4-, 64-, and 128-kHz Outputs
354-102-509	1	64-kHz Preamplifier and Distribution Circuit
354-102-510	2	Major Alarms and Major Service Reactions
354-102-511	2	Regular Trouble-Location Procedures
354-102-512	3	Detailed Trouble-Location Procedures
354-102-513	2	308-kHz to 64-kHz Frequency Converter
354-102-514	1	1.024-MHz to 64- or 512-kHz — Frequency Converter

354-105 PFS-2B

354-105-100	6	Description
Tests		
354-105-500	6	Maintenance Considerations
354-105-501	3	239E Amplifier
354-105-502	2	1D and 1E Counters
354-105-503	1	246D Pilot Sharper and Discriminator
Addendum	1	
354-105-504	6	Primary Frequency Supply (PFS-2B) — Oscillator Tests and Adjustments
354-105-505	1	246F Switch
354-105-506	7	246E Switch Tests — 4-, 64-, 128-, and 512-kHz Outputs
354-105-507	2	308-kHz to 64-kHz Frequency Converter
354-105-508	1	1.024-MHz to 64- or 512-kHz — Frequency Converter
354-105-509	2	Voltage and Waveform
354-105-510	2	J68909G 512-kHz Pilot Amplifier — (PFS-2B)

354-130 Jumbogroup Frequency Supply

354-130-100	2	J68934A — Description
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Number	Issue	Subject
354-140 Bell System Carrier Synchronization Network		
❶ 354-140-101	1	Bell System Reference Frequency Standard — Description
❶ 354-140-501	2	J68940A Bell System Reference Standard — Tests
354-140-502	1	Reference Frequency Network Distribution Circuits — Tests
354-140-503	1	Regional Frequency Supply — J68942AA Regional Frequency Supply — Distribution Circuits — Tests and Adjustments
354-140-504	1	1.024-MHz to 64- or 512-kHz Frequency Converter — Tests
▲354-170-000	1	J68934A Jumbogroup Frequency Supply (JFS) L5/L5E Carrier System
354-200 Office Master Frequency Supply		
▲354-200-000	2	J68956A Office Master Frequency Supply Bay
354-200-100	1	J68956A OMFS-1 — Description

Division 355**Type K Carrier Telephone Systems Associated Equipment Components****355-0 Indexes, Equipment Test Lists, K1 and K2 Carrier Telephone Systems — Terminal and Repeater Equipment Components****355-1 Type K Carrier Telephone Systems Common Equipment Components — Testing Procedures**

Number	Issue	Subject
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355-0 Indexes, Equipment Test Lists, K1 and K2 Carrier Telephone Systems — Terminal and Repeater Equipment Components**355-000 Indexes**

355-000-000	17	Numerical Index — Division 355 — Type K Carrier Telephone Systems and Associated Equipment Components
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355-001 Equipment Test Lists

355-001-011	4	Type K Carrier Telephone Systems and Associated Equipment Components
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355-010/030 Type K1 Carrier Telephone Systems Terminal and Repeater Equipment Components**355-010 Group Equipment**

355-010-100	1	Description — Group Equipment and Carrier Supply
355-010-500	7	Over-All Channel Group
355-010-505	7	Group Equipment

355-015 Amplifiers

355-015-100	1	Line and Twist Amplifiers
355-015-500	7	Line and Twist Amplifiers — Pilot Wire Regulation

Number	Issue	Subject
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355-020 Deviation Regulator

355-020-100	2	Description
355-020-500	4	Tests, Inspection and Alignment

355-025 Switching Arrangements

355-025-100	1	Description — Key Operated Amplifier and Line Switching
355-025-500	1	Tests, Inspections and Alignment

355-030 Emergency Operation

355-030-100	2	Description
355-030-300	1	Service Maintenance (Operating Methods)

355-050/085 Type K2 Carrier Telephone Systems Terminal and Repeater Equipment Components**355-050 Over-All System**

355-050-100	3	General — Over-All System Features
355-050-500	4	Over-All Channel Group

355-055 Group Terminal Equipment

355-055-100	3	Description
355-055-500	4	Tests, Inspections and Alignment

355-060 Thermistors

355-060-100	2	Description
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355-065 Line Amplifiers

355-065-100	3	Description — K2A and K2B
355-065-101	1	Portable K2B Line Amplifier (82F)
355-065-500	6	Tests, Inspections and Alignment — K2A and K2B

355-070 Twist Amplifiers

355-070-100	2	Description
355-070-500	7	Tests, Inspections and Alignment

Number	Issue	Subject	Number	Issue	Subject
355-075 Equalizing and Pad Arrangements			355-110 Regulating Arrangements		
355-075-100	2	Description	355-110-100	1	Description — Master Transmission Regulating
355-075-101	1	Portable K2 Equalizer Unit (82G)			
355-080 Carrier Line Switching Arrangements			355-115 Switching Arrangements		
355-080-100	1	Description	355-115-100	1	Line Switching and Amplifier Switching
355-080-500	1	Carrier Line Switching Arrangements	Addendum	1	
355-085 Emergency Operation			355-115-500	3	Types K1 and K2 Carrier Telephone Systems — Test, Switching, and Portable Amplifiers
355-085-300	1	Service Maintenance (Operating Methods)			
355-1 Type K Carrier Telephone Systems Common Equipment Components — Testing Procedures			355-120 Pilot Measurements		
355-100 Terminals, Repeaters and Over-All Systems			355-120-100	3	Description — Test Pilot Supply Arrangements
355-100-000	2	Jack Field and Supplemental Designations	355-125 Test Equipment		
355-100-300	9	K1 and K2 Carrier Telephone Systems — General Testing and Operating Information	355-125-100	3	1AH Tube Test Set
355-100-305	3	Localizing System Operating Irregularities	355-125-105	2	42A Transmission Measuring System
355-100-310	2	Removal of Filter Filaments			
355-100-500	2	Tandem Operation	355-140 Carrier Crosstalk Balancing		
355-100-505	3	Trouble Investigations in Amplifiers	355-140-000	1	Type K Crosstalk Balancing Forms
355-100-510	1	Over-All System Equalization Using Portable Equipment	355-140-100	2	Automatic Switching Apparatus
355-105 Noise, Crosstalk and Modulation			355-140-500	2	General Information
355-105-300	2	Service Maintenance (Operating Methods)	355-140-501	2	Manual Switching Method
355-105-500	3	Noise and Crosstalk Tests on K and KJ Carrier Systems	355-140-502	2	Automatic Switching Method
Addendum	1		355-145 Carrier Crosstalk Measuring Sets		
355-105-505	2	Modulation Tests	355-145-100	4	6000A Crosstalk Set and Associated Apparatus
			355-145-101	2	68A and 69A Test Sets
			355-145-102	2	16A Rectifier
			355-145-103	2	18A Oscillator
			355-145-104	2	4A Attenuator
			355-145-105	2	4A and 4B Terminating Networks
			355-145-106	2	Primary Calibration of 68A and 69A Test Sets
			355-145-107	2	Retuning of 68A and 69A Test Sets

Number	Issue	Subject
355-145-108	2	Maintenance of 68A and 69A Test Sets
355-145-109	2	Modifications Required in the 68A and 69A Test Sets When This Equipment is used in Automatic Compromise Balancing of Type K Carrier Pairs
355-145-110	2	Modification of K Amplifiers — For K Carrier Crosstalk Balancing

Division 356**Analog Multiplex Terminal Equipment****356-0 Index, Equipment Test Lists, Common Equipment**

- 000 Index
- 001 Equipment Test Lists
- 003 Analog Carrier
- 005/030 Common Equipment Group, Supergroup, and Mastergroup Distribution Frames
- 035/042 Multimastergroup Trunk Arrangements
- 067/081 Frequency Supply and Pilot Combining Circuits
- 099 Customer Information Releases (CIRs)

356-1 LMX-1 and MMX-1

- 105-110 Transmitting Circuits
- 115/120 Receiving Circuits
- 125 Terminal Circuits
- 130/138 MMX-1
- 150-187 LMX-1 Carrier and Pilot Supply

356-2 LMX-2

- 200/225 Terminals
- 250/275 Carrier and Pilot Supply
- 280/295 L60A/L120A LMX-2 Carrier Terminal

356-3 LMX-1/LMX-2, LMX-3

- 300 General
- 305/315 Transmitting Circuits
- 320/330 Receiving Circuits

356-4 LWM Wideband Modem and Digits on Radio

- 400/449 LWM Wideband Modem
- 450/460 Digital Transmission Terminals for Analog Facilities

-356-5 MMX-2 and MGT

- 500/524 MMX-2
- 542/543 Carrier Supply
- 546/548 Pilot Supply
- 570 NGT (Mastergroup Translator)

356-6 JMX (Jumbogroup Multiplex)

- 600 Description — JMX

-620 MMGT-C (Multimastergroup Translator-Cable)**-625 MMGT-R (Multimastergroup Translator-Radio)**

Number	Issue	Subject
356-0 Index, Equipment Test Lists, Common Equipment		
356-000 Index		
356-000-000	3	Numerical Index — Division 356 — Analog Multiplex Terminal Equipment
356-001 Equipment Test Lists		
356-001-011	13	Equipment Test List
356-001-012	1	K Carrier
356-001-013	2	Multi-MG Trunk Arrangement
356-001-014	2	LMX-1
356-001-015	2	MMX-1
356-001-016	2	LMX-2
356-001-017	2	L60A, L120A LMX-2
356-001-018	1	LMX-1/LMX-2
356-001-019	2	1A Radio Digital System
356-001-020	2	MMX-2 and MGT
356-001-021	1	LWM WB Modem
356-003 Analog Carrier		
■ 356-003-000AC	2	Troubleshooting
356-005/030 Common Equipment Group, Supergroup, and Mastergroup Distribution Frames		
356-005-100	3	Description
356-005-501	3	Tests
J68872A Line Pilot Monitor		
356-008-100	1	Description
356-008-501	3	Tests
Transmission Testing		
356-010-500	2	Test Equipment
356-010-510	1	LMX-2 Carrier and Pilot Supply Tests — Flow Chart
356-010-511	1	J68858 Scanner and Test and Alarm Circuits — Flow Chart
356-010-512	1	LMX-2 Initial Testing — Flow Chart

Number	Issue	Subject	Number	Issue	Subject
356-010-513	1	Initial Testing — Flow Charts	356-011-505	1	315.92 Auxiliary Supergroup Pilot Supply
356-010-514	3	LMX In-Service Lineup — Flowchart			
356-010-520	1	Frequency Charts			
CTMS (Carrier Transmission Maintenance System)			J68858 Scanner, Test, and Alarm Circuits		
356-010-550	2	General Administrative Procedures	356-012-100	2	Description
356-010-551	2	104.08-kHz Pilot Bus Measurements (PLPB)	356-012-501	4	Scanner Function Tests — Common Equipment
356-010-552	2	Measurement of Terminal Pilots at Mastergroup and Line Access	356-012-502	4	Check of Gain Measurement and End-of-Range — Alarm Function of 234B Amplifier
356-010-553	2	Measurement of Supergroup and Group Pilots at Scanner (PLSC)	356-012-503	4	Check of Operation of 234A Amplifier
356-010-554	3	Supergroup Out-of-Band Noise Measurements	356-012-504	1	Group Pilot Measuring Circuit Calibration
356-010-555	2	Through Pilots and Cross-Office Transmission	356-012-505	3	315.92-kHz Supergroup Pilot Measuring Circuit Calibration
356-010-556	2	High Tone Scan (HTS) and Quick Hot Tone Scan (QHTS)			
356-010-557	2	Line Pilot Measurements (LP)	A5/A6 Carrier Failure Alarm Retrofit System		
356-010-558	1	L3 Pearl Tone Measurements	356-014-100	1	Description
356-010-559	2	Demand Measurement Programs	356-014-501	1	Tests and Trouble Correction
356-010-560	1	L Multiplex Terminals — Local Alarm Scanning System (LASS) — General Operating Procedures			
Group and Supergroup Pilot Signals — Description			A1-A5 Channel Banks — Description		
356-011-100	1	J68857 S and -W 104.08-kHz Group Pilot Supplies	356-015-100	4	A1, A2, A3 and A4
356-011-101	2	104.08-kHz Insertion Arrangements	356-015-101	1	A5 — General
356-011-102	1	Independent 104.08-kHz Pilot Supply — Description	356-015-102	1	A5 Channel Bank
356-011-105	1	Auxiliary 315.92-kHz Supergroup Pilot Supply	356-015-103	1	Consolidated A5 Channel Bank Bay (J68853AA) and Consolidated F-Signaling Bays (J98624A and B)
Group and Supergroup Pilot Signals — Tests			356-015-104	1	NJ01303C-1 Unitized Terminal Equipment Frame — Description
356-011-501	2	J68857S and J68857W Group Pilot Supplies — Stabilizer, Switch Control, and Primary Distribution — Bus Output	A1-A5 Channel Banks — Tests		
356-011-502	2	Secondary Pilot Distribution Circuit Output	356-015-300	2	Patching Procedures
356-011-503	1	104.08 kHz In-Service Adjustment	356-015-301	1	Consolidated A5 Channel Bank Bay (J68853AA) and Consolidated F-Signaling Bays (J98624A and B)
356-011-504	3	Independent 104.08-kHz Pilot Supply — Output Test — Group and Supergroup Pilot Signals	356-015-310	1	A5 Channel Bank — Reduction of Intra-Channel Crosstalk
			356-015-500	6	General Maintenance Considerations
			356-015-501	3	Out-of-Service Tests
			Addendum	1	
			356-015-502	1	A5 Channel Bank Carrier Supply — Distributing Bus Output Test
			356-015-503	1	In-Service 104-kHz Carrier Leak Test

Number	Issue	Subject	Number	Issue	Subject
A6B Channel Bank and Direct Formed Supergroup Banks					
▲356-016-000	2	J68954() Bays	356-016-502	3	J68929() Bays — Channel Bank Tests and Adjustments — Out-of-Service
▲356-016-010	2	J98629A and B Frames	356-016-503	3	Carrier Supply — In-Service Tests
▲356-016-013	2	J98629G and H Frames	356-016-504	2	Carrier Supply — Trouble Correction Procedures
▲356-016-014	2	(J98629J Frame) — Analog Multiplex Terminal Equipment	356-016-505	2	Unitized Terminal Equipment — J98626() Frames — Channel Bank Tests and Adjustments — Out-of-Service
▲356-016-015	2	J98629K and N Frames	356-016-506	1	Carrier Failure Alarm — Carrier Supply — Tests and Trouble Correction
▲356-016-017	2	J98629P and R Frames — Analog Multiplex Terminal Equipment			
▲356-016-018	2	J98629T and U Frames — Analog Multiplex Terminal Equipment	Carrier Program Transmission		
▲356-016-019	2	J98629W and Y Frames — Analog Multiplex Terminal Equipment	356-017-100	1	Description
356-016-100	2	J68929() Bays — Description	356-017-501	1	Patching Procedures and Out-of-Service Tests
356-016-101	2	Carrier Supply — Description			
356-016-102	2	J98626() Frames — Description	Terminal Circuits — Tests		
356-016-103	1	Carrier Failure Alarm — Carrier Supply — Description	356-018-300	1	General — Patching Procedures
356-016-104	1	A6B Channel Bank — Description	356-018-301	2	Terminal Trunks — Patching Procedures
356-016-105	1	J68954() Bays and J98629() Frames — Description	356-018-302	1	Mastergroup Trunks — Patching Procedure
356-016-106	1	Description	356-018-501	2	Loss Measurements — Transmitting and Receiving Trunks
356-016-107	1	J68954() Bays and J98629() Frames	356-018-502	1	Line Pads at Branching Points — No Blocking
356-016-108	1	J68957A and B Unitized Terminal Equipment Frames — Description	356-018-503	1	Blocking Filters at Branching Points
356-016-109	2	J60110AA No. 5 Signaling Transceiver, Echo Canceled, and Compandor (International, Interface Unit) — Description, Installation, and Maintenance	356-018-504	1	Receiving and Transmitting Branch Hybrids
356-016-110	1	J68965A and B Unitized Terminal Equipment Frames — Description	356-018-505	1	Hybrid Coils
356-016-300	3	J68929() Bays — Equipping and Fusing the Bay	Basic Mastergroup Trunk Arrangements		
356-016-301	2	J68929() Bays — Voice-Frequency Operations	356-019-100	3	Description
356-016-302	2	Unitized Terminal Equipment — J98626() Frames — Operation	356-019-500	3	Tests
356-016-303	3	Unitized Terminal Equipment — J98626() Frames — Equipping and Fusing the Frames			
356-016-500	3	J68929() Bays and J98626() Frames — General Maintenance Considerations	Group Connectors		
356-016-501	3	Carrier Supply — Initial Tests	356-020-101	1	Description
			356-020-102	1	B2 — Description
			356-020-103	2	B3 — Description
			356-020-300	1	(L- to L-) — Patching Procedure
			356-020-501	1	B1 — Out-of-Service Loss Tests

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		■ Appendix 2AC	1	Noise Tests Using Wandel & Goltermann SPM-16 Selective Level Meter
356-020-502	3	B2-Type — In-Service Adjustments	■ Appendix 3AC	1	Noise Tests Using Wandel & Goltermann SPM-17 Selective Level Meter
Addendum	1		■ Appendix 4AC	1	Noise Tests Using Wandel & Goltermann SPM-18 Selective Level Meter
356-020-503	3	B2-Type — Out-of-Service Tests	■ Appendix 5AC	1	Noise Tests Using Wandel & Goltermann SPM-19 Selective Level Meter
356-020-504	3	B2-Type — Turnover Tests	■ Appendix 6AC	1	Noise Tests Using HP-3586B Selective Level Meter
Addendum	1		■ Appendix 7AC	1	Noise Tests Using Bradley PB-1 C-1D VF Line Analyzer
356-020-505	1	B3 — In-Service Tests	■ Appendix 8AC	1	Noise Tests Using HP-3745B Selective Level Meter
356-020-506	1	B3 — Out-of-Service Tests	■ Appendix 9AC	1	Noise and Level Tests Using HP-3746A Selective Level Measuring Set
Lineup of Groups in Tandem			■ Appendix 10AC	1	Noise Tests Using HP-4935A Transmission Impairment Measuring Set
356-021-500	1	Line-Up of Combinations of J, K, and L Groups in Tandem	■ Appendix 11AC	1	Noise Tests Using HP-4940A Transmission Impairment Measuring Set
▲356-021-502	3	Wideband Data Service	■ Appendix 12AC	1	Noise Tests Using HP-4947A Transmission Impairment Measuring Set
356-021-503	1	Overall Lineup of Channel Groups — Initial and Maintenance	Ground Detector Tests		
356-021-504	2	Out-of-Service Tests — Group Facilities — Common Equipment	356-023-100	1	Locating Grounds on Balanced High Frequency Cabling
356-021-505	1	Out-of-Service Tests — Group Facilities — 15-kHz Program Equipment	LT Connector		
Overall Noise and Modulation Tests			356-024-100	4	Description
Addendum	1		356-024-105	3	LT-1B Facility Connector — Description
356-022-500	1	Over-All Modulation Test of Combinations of J, K and L Groups in Tandem	356-024-110	1	LT-2 Digital Transmultiplexer — Description
356-022-501	3	Channel Terminal Noise Tests — Common Equipment	▲356-024-505	2	LT-1B Facility Connector
356-022-502	7	Out-of-Service Noise Measurements— Common Equipment	▲356-024-510	1	LT-2 Digital Transmultiplexer — Maintenance
356-022-503	7	In-Service Supergroup Out-of-Band Noise Measurements	356-024-511	1	User Guide For LT-2 Digital Transmultiplexer
356-022-504	2	Signal Gain and Phase Impairments Overall Noise and Modulation Tests — Common Equipment			
Common Equipment — Analog Multiplex Terminal Equipment					
■ 356-022-505AC	1	Steady Noise, Impulse Noise and Phase Jitter Tests			
■ Appendix 1AC	1	Noise Tests Using Wandel & Goltermann* SPM-15 Selective Level Meter			

* Wandel & Goltermann is a registered trademark of Wandel

Number	Issue	Subject
Supergroup Connectors		
Addendum	1	
356-025-100	4	C1- and C2-Type — Description
356-025-101	1	C3 — Description
356-025-300	1	Patching Procedure
356-025-501	3	C1-Type — Out-of-Service Test
356-025-502	3	C2-Type — In-Service Tests
356-025-503	4	C2-Type — Out-of-Service Tests
356-025-504	3	C2-Type — Turnover Test
356-025-505	1	C3 — In-Service Tests
356-025-506	1	C3 — Out-of-Service Tests
Mastergroup Connectors — J68829K (MMX-1 to MMX-1)		
356-026-100	3	Description
356-026-300	1	Patching Procedures
356-026-501	4	In-Service Tests
356-026-502	4	Out-of-Service Tests
Mastergroup Connectors — J6882AP (MMX-2 to MMX-2)		
356-027-100	3	Description
356-027-300	1	Patching Procedures
356-027-501	2	In-Service Loss Tests
356-027-502	3	Out-of-Service Tests
Mastergroup Connectors — J6882AW (Between MMX-1 and MMX-2)		
356-028-100	3	Description
356-028-300	2	Patching Procedure
356-028-501	2	In-Service Tests
356-028-502	3	Out-of-Service Tests
Mastergroup Connector (Passive) — J68953AF		
356-029-100	3	Description
356-029-501	2	In-Service Tests
356-029-502	2	Out-of-Service Tests
Type J and K — Carrier and Pilot Supply		
356-030-500	1	Type J2, K, and Combined J2 and K — General Maintenance Considerations
356-030-510	3	Type K

Number	Issue	Subject
356-035/042 Multimastergroup Trunk Arrangements		
MMX-2C and L4 Carrier		
356-035-100	3	Description
356-035-500	2	Tests
JMX and L5 Carrier		
356-036-100	2	JMX-L5/L5E Restoration Trunk Bay — Description
356-036-500	2	JMX-L5/L5E Restoration Trunk Circuits — Maintenance Procedures
MMX-1 and WLEL		
356-040-100	4	Multimastergroup Trunk Arrangements — Description — Common Equipment
356-040-500	5	Multimastergroup Trunk Arrangements — Tests — Common Equipment
MMX-2R and Microwave Radio		
356-041-100	5	Multimastergroup Restoration Trunks for Radio Systems — Description — Common Equipment
356-041-500	5	Multimastergroup Restoration Trunks for Radio Systems— Tests — Common Equipment
L5 Carrier Basic Jumbogroup Trunk Bay		
356-042-100	2	Description
356-067/081 Frequency Supply and Pilot Combining Circuits		
Intermediate Frequency Converter Circuit		
356-067-501	2	Measurement of the 516 KC Output
Pilot Combining Circuit		
356-079-501	2	Measurement of 6-Frequency or 2-Frequency Output
Pilot Combining Circuit at Offices with PIL TST Jack		
356-080-501	3	Measurement and Adjustment of 6-Frequency or 2-Frequency Combining Circuit Output

Number	Issue	Subject
Emergency Pilot Supply		
356-081-503	2	Pilot Generator Circuits for Emergency Use Only — At Offices With PIL TST Jack — Measurement and Adjustment of Pilot Generator Output — Measurement of Rectifier DC Current and Adjustment of Sensitrol Relay

2 KC and 10 KC Standard Frequency Supply Circuit		
356-088-501	1	Output Measurements

356-099 Customer Information Releases (CIRs)

☐	356-099-001IR	1	Discontinued Availability of LMX-3 Multiplex, Transmission Systems
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356-1 LMX-1 AND MMX-1

356-100-100	3	Overall System Description — Group and Supergroup Equipment
356-100-500	4	Electron Tube Tests and Patching Procedures

356-105/110 Transmitting Circuits**Group Modulator**

356-105-300	1	Patching Procedures
356-105-501	2	In-Service Test
356-105-502	1	Out-of-Service Gain Tests
356-105-503	1	Intermediate Amplifier — Gain Test
356-105-504	1	Turnover Tests

Supergroup Modulator

356-110-300	1	Patching Procedures
356-110-502	1	Out-of-Service Loss Tests

356-115/120 Receiving Circuits**Supergroup Demodulator**

356-115-300	1	Patching Procedures
356-115-501	1	In-Service Loss Test
356-115-502	1	Out-of-Service Tests
356-115-503	3	C2C Supergroup Regulated Amplifier — Tests

Number	Issue	Subject
356-115-504	1	Turnover Test

Group Demodulator

356-120-300	1	Receiving Group Bank — Patching Procedures
356-120-501	2	In-Service Gain Tests
356-120-502	1	Out-of-Service Gain Tests
356-120-503	1	Auxiliary Amplifier — Gain Tests
356-120-504	1	Turnover Tests

356-125 Terminal Circuits

356-125-501	1	Terminal Compensating Networks — Tests
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356-130/138 MMX-1

356-130-100	1	Description — Submastergroup and Mastergroup Equipment
356-130-500	1	Overall System — General Test Information
356-130-501	1	Overall System Tests — Multipurpose Trunk Arrangements

Transmitting Submastergroup Bank

356-132-300	2	Patching Procedures
356-132-501	2	Gain Tests
Addendum	1	
356-132-502	2	Turnover Test

Transmitting Mastergroup Bank

356-134-300	1	Patching Procedures
356-134-501	3	Loss Tests
Addendum	1	
356-134-502	2	Turnover Tests
356-134-503	1	Hybrid Loss Tests

Receiving Mastergroup Bank

356-136-300	1	Patching Procedures
Addendum	1	
356-136-501	3	Gain Tests
Addendum	1	
356-136-502	2	Turnover Tests
356-136-503	1	Hybrid Loss Tests

Receiving Submastergroup Bank

356-138-300	1	Patching Procedures
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Number	Issue	Subject	Number	Issue	Subject
356-138-501	3	Loss Tests — MMX-1	L1 Line Pilot Frequencies		
Addendum	1		356-161-501	2	Tests
356-138-502	2	Turnover Tests	Primary Frequency Converter Circuit		
356-150/187 LMX-1 Carrier and Pilot Supply			356-165-501	4	Input and Output Level Adjustments — LMX-1 and L3 Carrier
J68775 — Carrier and Pilot Supply			Intermediate Frequency Converter		
356-150-100	1	Description	356-166-501	2	516-kHz Output Tests
356-150-300	1	Line Pilot Switching	356-166-502	2	77- and 139-kHz Output Tests
356-150-501	2	Electron Tube Tests	356-166-503	1	1211-kHz Output Tests
356-150-502	1	Group and Supergroup Distributing Bases — Measurement of Voltage Delivered to B Relay	520-kHz Harmonic Generator Circuit		
J68775 Primary Frequency Supply			356-167-501	3	520-kHz Output Test
356-151-501	1	128-kHz Oscillator Circuit Tests	Carrier Amplifier Circuits		
356-151-502	2	64-kHz Output Power Tests	356-168-501	3	J68828A — Output Tests
356-151-503	2	J68775U — 4-kHz Output Test	2.08-MHz Frequency Supply Circuit		
356-151-504	1	4-kHz Distribution Circuit Tests	356-169-501	1	Measurement at 2080-KC TST Jack
4-kHz Harmonic Generator			Transfer and Control Circuit		
356-152-501	2	Output Power Tests	356-170-501	2	Tests
Channel Carrier Distribution Bus			Primary Carrier Distribution Circuit		
356-153-501	1	Equalization of Pilot Frequency	356-171-501	3	Output Power and Meter Relay Tests — Primary Carrier Distribution Circuit — LMX-1 and MMX-1 Carrier Supply
356-153-502	2	Output Power Tests	Secondary Carrier Distribution Circuit		
Group Carrier Distribution Circuit			356-172-501	2	Output Power and Meter Relay Tests
356-154-501	2	Equalization of Filter Outputs	24-Volt AC-DC Supply and Fuse Distributing Circuit		
356-154-502	2	Amplifier Output Power	356-173-501	1	Tests
356-154-503	1	Bus Output Power	Pilot Generator Circuits		
Supergroup Carrier Supplies			Addendum	2	
356-155-501	1	124-kHz Filter Tests	356-174-501	1	Combined Harmonic Generating and Flattening Circuit Tests
356-155-502	2	124-kHz Harmonic Generator Test	356-174-502	2	Output Power, Sensitrol Relay, and Amplifier Stability Tests
356-155-503	3	Distribution Amplifier Tests — LMX-1 Carrier and Pilot Supply	356-175-501	2	Regular and Standby Pilot Generator Output Tests
356-155-504	1	Distribution Bus Power			
88-KHz Program Carrier					
356-156-501	1	Tests and Adjustments			
J68857X Stabilized 64 KHz Pilot Supply					
356-160-100	1	Description			
356-160-501	1	In-Service Tests			

Number	Issue	Subject
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Emergency Pilot Alarm Control Circuit

356-176-501	1	Tests
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Pilot Distributing Circuits

356-177-501	1	Output Power Check
356-177-502	1	Measurement of Rectified DC Current and Adjustment of WKG Generator — Sensitrol Relay

Pilot Combining Circuits

356-179-501	2	Six-Frequency or Two-Frequency Combining Circuit Output
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Emergency Pilot Supply

356-180-501	1	Tests
356-180-502	1	Emergency Pilot Generator Circuits — Tests

64-kHz Synchronizing Frequency Amplifier

356-181-501	1	Tests and Adjustments
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308-KHz Synchronizing Frequency Amplifier

356-182-501	1	Output Tests
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64-KHz Frequency Comparator Circuit

356-183-501	1	Beat Frequency Test
356-183-502	1	End-of-Range Alarm Tests

308-kHz Frequency Comparator Circuit

356-184-501	1	Beat Frequency Test
356-184-502	1	End-of-Range Alarm Test

64-kHz and 308-kHz Generator Circuit

356-185-501	1	Output Power Tests
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4139-kHz Reference Frequency Supply

356-186-501	1	Output Test
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Idle Indicator Relay Circuit and Lamps

356-187-501	1	Operational Check
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Number	Issue	Subject
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356-2 LMX-2**356-200/225 Terminal****Overall System — Description**

356-200-100	4	L600A, L1860A, U300() and Conversion to U600
356-200-101	1	Supergroup Distributing Terminal
356-200-501	4	J87288A DC-to-DC Converter

Transmitting Circuits — Group Modulator

356-205-300	4	Patching Procedures
356-205-501	3	Group and Supergroup Modulators — In-Service Tests
356-205-502	2	Out-of-Service Gain Tests
356-205-503	1	Turnover Tests

Transmitting Circuits — Supergroup Modulator

356-210-300	3	Patching Procedures
356-210-502	1	Out-of-Service Loss Tests

Receiving Circuits — Supergroup Demodulator

356-215-300	2	Patching Procedures
356-215-501	6	In-Service Loss Adjustments
356-215-502	3	Out-of-Service Loss Tests
356-215-503	4	C2C Supergroup Regulated Amplifier — Tests
356-215-504	1	Turnover Test

Receiving Circuits — Group Demodulator

356-220-300	2	Patching Procedures
356-220-501	4	In-Service Gain Tests
356-220-502	1	Out-of-Service Gain Tests
356-220-503	3	B2C Group Regulated Amplifier — Tests
356-220-504	1	Turnover Test

L Multiplex Terminal Circuits J68918 Scanner, Test, and Alarm Equipment

356-225-100	1	Description
356-225-501	2	Scanner Function Tests
356-225-502	2	Gain Measurement and End-of-Range Alarm Function
356-225-503	2	Supergroup Pilot Measuring Circuit Calibration

Number	Issue	Subject	Number	Issue	Subject
356-250/275 Carrier and Pilot Supply			Addendum	1	
356-250-100	2	Description	356-275-504	3	512-kHz Line Pilot Supply and Distribution Circuit — Tests — LMX-2
Intermediate Frequency Supplies			356-280/295 L60A/L120A LMX-2 Carrier Terminal		
356-260-501	1	J68857D and N Output Power Test	356-280-100	2	Description
356-260-502	2	Output Power Test — Immediate Frequency Supply J68857AE — LMX-2 Carrier and Pilot Supply	Transmitting Circuits — Group Modulator		
Group Carrier Supply			356-281-330	1	Periodic Test Intervals
356-265-501	5	12-kHz Amplifier Output Test — Group Harmonic Generator J68857E	356-281-501	2	In-Service Pilot Adjustment
356-265-502	2	Group Primary Distribution Circuit Test	356-281-502	3	In-Service Gain Adjustment
356-265-503	1	Group Secondary Distribution Circuit Test	356-281-503	2	Out-of-Service Gain Adjustment
Supergroup Carrier Supply			Transmitting Circuits — Supergroup Modulator		
356-270-100	1	Mobile Carrier Supply NJ01344A-1 — Description	356-282-501	3	In-Service Loss Adjustment
356-270-300	1	Restoration Patching	356-282-502	2	Loss Tests
356-270-301	1	Mobile Carrier Supply — Operation and Maintenance	Receiving Circuits — Supergroup Demodulator		
356-270-501	5	Drive Amplifier Tests	356-283-501	4	In-Service Loss Test
356-270-502	3	Modulator Transistor Performance Test	356-283-502	3	Out-of-Service Loss Tests
356-270-503	4	Output Power Test	Receiving Circuits — Group Demodulator		
356-270-504	2	Tuned Distribution Circuit Tests and Adjustments	356-284-501	2	In-Service Gain Tests
356-270-505	3	Trouble Location Procedures — LMX-2 Carrier and Pilot Supply	356-284-502	3	Out-of-Service Gain Tests
356-270-506	3	Phase Jitter Test	Carrier Supply — 4-kHz Primary Frequency Supply		
Independent Pilot Supply			356-285-501	3	Output Power With 64-kHz Synchronization
356-275-100	1	J68911A 64-kHz and J68911B 512 kHz — Line Pilot Supply and Distribution Circuits — Description	356-285-502	3	L60A/L120A — Output Power — Without Synchronization
356-275-501	1	Stabilizer and Switch Control Output Tests	Carrier Supply — 4-KHz Harmonic Generator		
356-275-502	1	Distribution Circuit Tests	356-286-501	1	Output Level
Addendum	1		Carrier Supply — Channel Carrier Distributing Circuit		
356-275-503	5	64-kHz Line Pilot Supply and Distribution Circuit — Tests — LMX-2	356-287-500	1	Carrier and Pilot Supply Tests
			356-287-501	1	Distributing Bus Power
			Carrier Supply — Group		
			356-288-501	1	12 Kc Amplifier Output
			356-288-502	1	Distribution Circuit Output

Number	Issue	Subject	Number	Issue	Subject
Carrier Supply — Supergroup			Group Modulator		
356-289-501	2	Carrier Drive Amplifier Output	356-315-501	1	In-Service Gain Adjustment
356-289-502	2	Distribution Circuit Output at Carrier Test Panel	356-315-502	1	Group Bank Gain Tests
356-289-503	1	Distribution Circuit Output at the Distribution Bus	356-320/330 Receiving Circuits		
Pilot Supply — 64 KHz			Supergroup Demodulator		
356-290-501	2	Stabilizer Alarm Voltage and Output	356-320-501	2	In-Service Loss Adjustment
Pilot Supply — 92 KHz			356-320-502	1	Checking Receiving Supergroup Circuits for Turnover
356-291-501	2	Stabilizer Alarm Voltage and Output Pilot Supply —	356-320-503	4	Out-of-Service Loss Tests
Pilot Supply — 104.08 KHz			Group Demodulator		
356-292-501	3	Stabilizer and Output Alarm Voltage	356-330-501	3	In-Service Gain Tests
Terminal Circuits			356-330-502	1	Checking Receiving Group Circuits for Turnover
356-293-501	2	Trunk Loss Measurements	356-330-503	2	Circuit Gain Tests
356-293-502	2	Hybrid Tests Measuring Circuits — Group	LMX-3 System		
Group — Measuring Circuits			▲356-350-000	3	Analog Multiplex Terminal Equipment — LMX-3 System
356-294-501	3	Calibration	356-350-100	3	J68941A and J68941N Combined Bay (U600) — Description
356-294-502	4	L60A/L120A — Amplifier Gain and Meter Calibration	356-350-1013		J68941E and J68941P Group Bank Bay — Description
Supergroup Pilot — Measuring Circuits			356-350-1023		J68941F and J68941R Supergroup Bank Bay — Description
356-295-501	3	Calibration	356-350-103	2	J68941G Convertible Combined Bay (L600) — Description
356-295-502	3	L60A/L120A — Supergroup Amplifier Gain and Meter Calibration	356-4 LWM Wideband Modem and Digits on Radio		
356-3 LMX-1/LMX-2, LMX-3			356-400/449 LWM Wideband Modem		
356-300 General			▲356-400-100	1	LWM-1 (10 to 51 KC)
356-300-500	1	Maintenance Considerations	▲356-400-500	1	40-KC Wideband Transmission System — Signal Level Tests and Alignment
356-305/315 Transmitting Circuits			▲Addendum	2	
Supergroup Modulator			▲356-401-100	1	Toll Systems — LWM-5 (2 to 35 KC)
356-305-501	1	In-Service Loss Adjustment	▲356-401-500	2	LWM-5 — Tests
356-305-502	3	Supergroup Bank — Out-of-Service Loss Tests	▲356-402-100	2	LWM-6 — Description
			▲Addendum	1	
			▲356-402-500	3	L Multiplex Terminals — LWM-6 — Tests

Number	Issue	Subject
▲356-405-100	1	190-KHz Wideband Transmission System — LWM-2 — Description
▲356-405-500	1	190-KHz Wideband Transmission System — LWM-2 — Signal-Level Tests and Alignment
▲356-410-100	1	LWM-3 Wideband Modem and LWM-4 Wideband Modem (28 to 44 KC)
▲356-410-500	1	16-KC Wideband Transmission System — Signal Level Tests and Alignment
▲356-411-100	2	LWA-1 Alternate Use Panel — Description
▲356-411-500	1	Alternate Use Panel — Tests
356-450/460 Digital Transmission Terminals for Analog Facilities		
1A-RDS (1A Radio Digital System) — Description		
356-454-010	2	DDS Preservice Implementation
356-454-020	2	Maintenance Methods
356-454-100	5	Overall Description
356-454-101	5	1A-RDT (1A Radio Digital Terminal) — Description
356-454-102	1	Terminal — Portable Transmitter and Receiver — Description
356-454-300	5	Operation
356-454-302	1	Terminal — Portable Transmitter and Receiver — Operation
356-454-500	4	General Test Information
356-454-501	4	Terminal — Transmitter Tests
356-454-502	3	Terminal — Receiver Tests
356-454-503	3	Switch Status and Control Panel (J68435E) and Remote Switch Status and Control Panel (J68435AD) — Test
356-454-504	2	J68435AC and J87378DC/DC Converters — Tests Terminal
356-454-510	4	Initial Tests for Placing the 1A-RDS In- Service
356-454-511	4	In-Service Trouble-Locating Tests
356-454-512	3	Out-of-Service Trouble-Locating Tests
356-454-520	4	Routine Tests
356-454-530	1	Portable Terminal — Tests

Number	Issue	Subject
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Interim Picturephone Service

❶ 356-455-100	1	Overall System
❶ 356-455-101	1	M2R Terminal Bay
❶ 356-455-102	1	Regenerator Bay

Tests

❶ 356-455-500	1	General Test Information
❶ 356-455-501	1	M2R Terminal
❶ 356-455-502	1	Digital Regenerator
❶ 356-455-510	1	Trouble Location Tests

Data Over Voice for L4 and L5/L5E Coaxial Cable System (DOV-5)

■ 356-456-901AC	1	Data on Mastergroup (DOM) — FM and SSB Radio Systems — Description
■ 356-456-902AC	1	Data on Mastergroup (DOM) — FM and SSB Radio Systems — Initial Line Up, Testing, Operation, and Maintenance
■ 356-456-920AC	1	Digital Transmission System — Description
■ 356-456-921AC	1	Digital Transmission System — Initial Line Up, Testing, Operation, and Maintenance

DMG-1 (Digital Mastergroup System)

▲356-460-000	2	Maintenance
356-460-100	2	Description

356-5 MMX-2 AND MGT**356-500/524 MMX-2****Overall System — Description — MMX-2C**

356-500-100	5	General Description
356-500-101	5	Transmitting and Receiving Circuits
356-500-102	4	Transmission Switching and Alarm Circuits
356-500-103	3	Carrier Supply and Pilot Supply

Overall System — Description — MMX-2R

356-500-110	5	MMX-2R33 and MMX-2R63 — General Description
356-500-111	6	MMX-2R33 and MMX-2R63 — Transmitting and Receiving Circuits

Number	Issue	Subject
356-500-112	4	Transmission Switching and Alarm Circuits
356-500-113	2	Carrier Supply and Pilot Supply
356-500-115	3	MMX-2RA12 — Description

Overall System — Operation

356-500-301	7	MMX-2 — Removing and Replacing Units
356-500-302	2	Removing and Replacing Units of MMX- 2RA12 Terminal

Overall System — Tests

356-500-500	6	MMX-2C and MMX-2R — Maintenance Considerations
356-500-501	5	DC-DC Converter J87297A — Checks and Adjustments

Transmitting Circuits — Modulator and Pilot Detector or Detector-Squelch

356-512-501	5	Checks and Adjustments
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Receiving Circuits — Loopback Amplifier

356-522-501	3	Checks and Adjustments
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Receiving Circuits — Demodulator, Mastergroup Equalizer, and Regulator

356-524-501	6	Checks and Adjustments
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356-542/543 Carrier Supply**Binary Generator J68882AL**

356-542-501	5	Checks and Adjustments
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Carrier Generator and Distribution Circuit

356-543-501	3	Checks and Adjustments
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356-546/548 Pilot Supply**Mastergroup Pilot Generator J68882AR**

356-546-501	4	Checks and Adjustments
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Pilot Distribution Circuit

356-548-501	2	Checks and Adjustments
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Number	Issue	Subject
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356-570 MGT (Mastergroup Translator)
Description — MGT

▲356-570-000	3	Mastergroup Translator System (MGT-A) Analog Multiplex Terminal Equipment
▲356-570-001	3	Mastergroup Translator System (MGT-B) Analog Multiplex Terminal Equipment
356-570-100	3	MGTA and Combiner Circuits
356-570-101	2	MGTB — Description

356-6 JMX (Jumbogroup Multiplex)**356-600 Description — JMX**

356-600-100	1	Overall System
356-600-101	1	Transmitting & Receiving Circuits
356-600-102	1	Switch Control and Summary Alarm
356-600-103	1	Carrier Supply

356-620 MMGT-C (Multimastergroup Translator-Cable)

▲356-620-000	1	L5E Carrier System
356-620-100	3	J68955() — E Description

356-625 MMGT-R (Multimastergroup Translator-Radio)

356-625-100	1	500B Protection Switching System and Two-Tone Generator — Description — AR6A Single-Sideband Radio System
▲356-625-500	2	500B Protection Switch Controller and AT&T Reference Transmission Unit — AR6A Single Sideband Radio System

Division 357**Wire-Line Entrance Links Broadband Entrance Links
Interconnection****357-0 Index, Equipment Test List, and Tube Type Wire-Line Entrance Links — TD2, TJ, and LMX****357-1 Tube Type Wire-Line Entrance Links — TH and LMX****357-2 Wire-Line Entrance Links: Tube Type — TL and LMX; Transistor Type — TL-2 or TM-1 and LMX; Transistor Type — TD-2, TJ or TJ/TM-1 and LMX****357-3 3A Wire-Line Entrance Link and Broadband Entrance Links and Interconnection****357-6 200B Protection Switching System****357-8 Broadband Connection Links**

Number	Issue	Subject
357-0 Index, Equipment Test List, and Tube Type Wire-Line Entrance Links — TD2, TJ, AND LMX		
357-000 Index		
357-000-000	89	Numerical Index — Division 357 — Wire-Line Entrance Links — Broadband Entrance Links — Interconnection

357-001 Equipment Test List

357-001-011	8	Equipment Test List
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357-005 Electron Tube Type A Wire-Line Entrance Link — TD2 and LMX

357-005-100	3	Description
357-005-101	2	Transmitting Link
357-005-102	2	Receiving Link
357-005-103	2	Testing Methods
357-005-104	2	Equipment Arrangements
357-005-500	2	General
357-005-501	2	Initial Tests and Adjustments
357-005-502	7	Equalization and Gain-Frequency Lineup

Number	Issue	Subject
357-005-503	3	Overall Lineup
Addendum	1	
357-005-505	2	64-kHz Pilot and Noise Indicator Adjustment
357-005-506	2	Pilot Measurements
Addendum	1	
357-005-507	1	Line Switching Circuit
357-005-509	3	Maintenance Tests and Maintenance Summary
357-005-510	2	Lineup

357-010 Electron Tube Type B Wire-Line Entrance Link — TD2 and LMX

357-010-100	2	Description
357-010-101	1	Transmitting Link
357-010-102	1	Receiving Link
357-010-103	1	Testing Methods
357-010-104	1	Equipment Arrangements
357-010-500	1	General
357-010-501	1	Initial Tests and Adjustments
357-010-502	2	Equalization and Gain-Frequency Line-Up Tests
357-010-503	2	Over-All Line-Up
357-010-504	1	High-Frequency Line — Noise and Spurious Tone Check
357-010-505	2	64-kHz Pilot and Noise Indicator Adjustment
357-010-506	1	Pilot Measurements
357-010-507	1	Line Switching Circuit
357-010-509	2	Maintenance Tests and Maintenance Summary

357-015 Electron Tube Type C Wire-Line Entrance Link — TD2 and LMX

357-015-500	1	Operating Methods Type C Facilities
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357-020 Electron Tube Type A Wire-Line Entrance Link — TJ and LMX

357-020-100	2	Description
357-020-500	1	General
357-020-501	2	Initial Tests and Adjustments
Addendum	3	
357-020-502	2	Equalization and Gain-Frequency Lineup Tests

Number	Issue	Subject	Number	Issue	Subject
357-020-503	2	Over-All Line-Up	Addendum	1	
357-020-504	1	Pilot Adjustments	357-100-505	1	Power Supplies
357-020-505	1	Pilot Measurements	357-100-510	4	Message Connecting Link for Interconnection of TH-1 Radio and L Facilities — Switching Circuits
357-025 Electron Tube Type B Wire-Line Entrance Link — TJ and LMX			Addendum	1	
357-025-100	1	Description	357-100-515	1	Amplifiers and Regulators
357-025-500	1	General	Addendum	1	
357-025-501	2	Initial Tests and Adjustments	357-100-520	1	Gain Equalization of Message Connecting Links
Addendum	1		Addendum	1	
357-025-502	1	Equalization and Gain-Frequency Line-Up Tests	357-100-522	2	Bridging, Blocking, and Dropping Points — Tests and Adjustments
357-025-503	1	Over-All Line-Up	Addendum	1	
357-025-504	1	Pilot Adjustments	357-100-525	2	Replacement of Trunks
357-025-505	1	Pilot Measurements	Addendum	1	
357-030 Electron Tube Type A Wire-Line Entrance Link — TJ and LMX			357-100-530	1	Repair of Amplifiers and Regulators
357-030-100	2	Description	357-2 Wire-Line Entrance Links: Tube Type — TL and LMX; Transistor Type — TL2 or TM1 and LMX; Transistor Type — TD2, TJ or TJ/TM1 and LMX		
357-030-500	2	General	357-200 Electron Tube Type A Wire-Line Entrance Link — TL and LMX		
357-030-501	2	Initial Tests and Adjustments	357-200-100	3	Circuit Description
357-030-502	2	Equalization and Gain-Frequency Line-Up Tests	357-200-500	1	Type A Basic Message Connecting Link for Connection of L-Type Multiplex to TL Radio — Initial Lineup and Maintenance Tests
357-030-503	2	Over-All Line-Up — Terminal-to-Terminal	357-200-501	2	Equalization and Gain-Frequency Line-Up Tests
357-030-504	2	Posted Pilot Measurements	357-200-503	3	Pilot Measurements and Maintenance Summary
357-030-505	2	Pilot Measurements	357-200-505	2	Amplifier Replacement
357-035 Branching Arrangements at TD2 Radio Junction Points			357-205 Transistor Type A Wire-Line Entrance Link — TL2/TM1 and LMX		
357-035-500	2	Adjustments and Gain-Frequency Line-Up Tests	357-205-100	3	Description
357-1 Tube Type Wire-Line Entrance Links — TH and LMX			357-205-500	1	Initial Lineup and Maintenance Test
357-100 Wire-Line Entrance Link — TH-1			357-205-501	6	Equalization and Gain-Frequency Line-up Tests
Addendum	1		357-205-503	3	Pilot Measurements
357-100-100	2	Circuit Description	357-205-505	1	Amplifier Replacement
357-100-500	2	Message Connecting Link — Interconnection of TH-1 Radio and L Facilities — Initial Lineup and Maintenance Tests			

Number	Issue	Subject	Number	Issue	Subject
357-210 Transistor Type A Wire-Line Entrance Link — TD2 and LMX			357-301 Nonrepeated Links — Equalization and Gain-Frequency Tests		
357-210-100	1	Description	357-301-501	8	Multiplex-to-Radio With 200A and FMAS Switching Systems
357-210-500	1	Initial Lineup and Maintenance Tests	357-301-502	1	MX-to-MX and 200B Protection Switching
Addendum	1		357-301-503	1	Used Unprotected With Short-Haul Radio
357-210-501	2	Equalization and Gain-Frequency Line-Up Tests	357-301-504	1	Used Protected With Radio By 400B Switching
357-210-503	2	Pilot Measurements and Maintenance Summary	357-301-505	4	TD/TH DEDWLEL
357-215 Transistor Type A Wire-Line Entrance Link — TJ or TJ/TM1 and LMX			357-301-506	1	For Short-Haul Radio and J68436B Protected Gain and Equalization Unit
357-215-100	1	Description	357-301-507	2	Multiplex-to-Radio With 300A or 401B Switching Systems — 3A Wire-Line Entrance Link
357-215-500	1	Initial Lineup and Maintenance Tests	357-302 Repeated Links		
357-215-501	4	Equalization and Gain-Frequency Line-up Tests	357-302-501	4	Equalization and Gain-Frequency Tests — Multiplex-to-Radio Repeated Link
357-215-503	2	Pilot Measurements and Maintenance Summary	357-302-502	1	Equalization and Gain-Frequency Tests — MX-to-MX and 200B Protection Switching
357-215-505	1	Amplifier Replacement	357-302-511	1	Powering Remote Repeaters
357-220 Transistor Type B Wire-Line Entrance Link — TD2 Radio and LMX			357-303 TH-1 Radio		
357-220-100	1	Description	357-303-100	2	Description
357-220-501	1	Initial Line-Up Tests, Equalization, Gain-Frequency Tests and Maintenance Tests	357-303-501	2	Initial Checks and Adjustments
357-220-503	1	Pilot Measurements	357-303-503	2	3A Message-Connecting Link for Use With TH-1 Radio — Gain-Frequency Equalization, Lineup Tests, and 308 or 512-kHz Pilot Adjustment
357-3 3A Wire-Line Entrance Link and Broadband Entrance Links and Interconnection			357-303-505	1	3A Message-Connecting Link for Use With TH-1 Radio — Bridging, Blocking, and Dropping Points — Gain-Frequency Adjustments
357-300 3A Wire-Line Entrance Link			357-303-506	2	3A Message-Connecting Link for Use With TH-1 Radio — Replacement of Trunks
357-300-100	3	Description			
Tests					
357-300-501	4	Initial Checks and Adjustments			
357-300-502	5	64-kHz and 512-kHz Pilot Tests and Adjustments			
357-300-503	1	197A Gauge — Calibration and Operating Procedures			
357-300-507	3	J68435K or J68435M Message-Data Combining Panel — Alignment and Switch Tests			

Number	Issue	Subject
357-304 Mastergroup Branching		
357-304-100	1	J68421 — Description
357-304-500	2	J68421 — Initial Lineup and Maintenance
357-311/314 Broadband Entrance Links		
Group Entrance Link Per SD-50968-01		
357-311-100	2	Description
357-311-501	1	Initial Tests and Adjustments
357-311-502	2	Trouble Location
357-311-503	1	Interface Criteria — Tests
Supergroup Entrance Link Per SD-50700-01		
357-312-100	1	Description
357-312-501	1	Initial Lineup
357-312-502	1	Trouble Location
1A Radio Digital System Digroup Connector		
357-313-100	1	Description
357-313-501	2	J68440A 1A RDS Digroup Connector — Alignment of Intermediate Digroup Connector
357-313-502	2	J68440A 1A RDS Terminal Digroup Connector — Receiving Access Trunk and J68435H Transmitting Access Panel — Access Trunk Alignment
357-313-503	2	J68440A 1A RDS Digroup Connector and J68435H Transmitting Access Panel — Routine In-Service and Out-of-Service Tests
357-313-504	2	Maintenance Patching and Spare Trunk Patching
357-314-501	2	Interface Trouble Isolation Tests and Measurements for 1A RDS Long-Haul Systems

Number	Issue	Subject
357-6 200B Protection Switching System		
357-610-100	1	Description — Overall System
357-610-101	1	Description — Automatic and Manual Control Circuits — Transmitting and Receiving Switching Systems
357-610-102	1	Description — Indications, Alarms, and Alarm Circuits
357-610-103	1	Description — Sensor Circuits
357-610-104	1	Description — Monitoring and Test Facilities
357-610-105	1	Description — Power Requirements and Distribution
357-610-300	1	Operation — Overall System
357-610-500	1	Tests — Overall System
357-610-501	1	Tests — Transmitting — Automatic and Manual Control Circuits
357-610-502	1	Tests — Receiving — Automatic and Manual Control Circuits
357-610-503	3	Tests — J68382E-1 Baseband Amplifier Rectifier
357-610-504	1	Tests — J68398P Metering Circuit
357-8 Broadband Connection Links		
357-825 Surveillance Interface Panel		
357-825-100	1	Groupband Data Links — Description
357-825-500	1	Groupband Data Links — Tests and Adjustments
357-826 Surveillance Control Panel		
357-826-100	1	Description
357-826-500	1	Tests and Adjustments

Division 358**Type L1 Carrier Telephone System and Associated Equipment Components****358-0 Index, L1 Carrier — Terminals, Repeaters, Power Supplies, Overall System and B2 and C2 Television Terminals**

- 000 Indexes
- 020 Power Supply at Main and Auxiliary Repeaters
- 021 Repeater and Amplifier Power Supply
- 022 Power Line-Up
- 025 Auxiliary Repeaters
- 026 Auxiliary Repeaters — Equipment Replacements and Adjustments
- 035 Main and Terminal Repeaters and Associated Equipment
- 050 Type L1 Carrier — Equalizing Auxiliary Repeater
- 075 Type L1 Carrier — Line-Up of Over-All System
- 076 Type L1 Carrier — Flow Charts Showing Sections Involved in Line-ups
- 077 Line-Up of L Unit — Pilot Supply Not Available at Testing Office
- 078 Line-Up of L Unit
- 079 Over-All Line-Up of Supergroup, Group, and Channel Group Layouts
- 080 Terminal or Branching Point — Terminal-to-Terminal Tests
- 090 B2 and C2 Television Terminals
- 091 B2 Television Transmitting Terminal and C2 Television Receiving Terminals
- 092 B2 Television Transmitting Terminal — Line-Up Procedures
- 093 C2 Television Receiving Terminal — Line-Up Procedures
- 094 B2 and C2 Television Terminals — Trouble Location Tests
- 095 B2 Television Transmitting Terminal — Trouble Location Tests
- 096 C2 Television Receiving Terminal — Trouble Location Tests

358-1 B3 and C3 Television Terminals

- 100 Television Terminals

- 101 B3 Transmitting Terminal — Line-Up Procedures
- 102 C3 Receiving Terminal — Line-Up Procedures
- 103 B3 Transmitting and C3 Receiving Terminals — Trouble Location Tests
- 104 B3 Transmitting Terminal — Trouble Location Tests
- 105 C3 Receiving Terminal — Trouble Location Tests

Number	Issue	Subject
358-0 Index, L1 Carrier — Terminals, Repeaters, Power Supplies, Overall System and B2 and C2 Television Terminals		
358-000 Indexes		
358-000-000	19	Numerical Index — Division 358 — Type L1 Carrier Telephone System and Associated Equipment Components
358-001 Equipment Test Lists		
358-001-011	5	ETL
358-010 Terminals, Repeaters and Over-all System		
358-010-100	2	General Description of Over-all High-Frequency Line
358-010-101	1	Repeaters
358-010-102	1	Amplifiers
358-010-103	1	Regulators
358-010-104	1	Equalizers
358-010-105	1	Pilot Indicators
358-010-106	1	Pilot Alarm System
358-010-107	1	Line Switching Arrangements
358-010-108	1	Repeater Power Supply Arrangements
358-010-300	2	Terminals, Repeaters and Over-all System — General
358-010-301	2	Tests on Equipment Associated With the L1 System
358-010-310	1	Alarms at Main Stations
358-010-311	1	Equipment Replacements
358-010-312	1	Switching of Equipment
358-010-313	1	Removing Equipment From Service
358-010-314	2	Investigation of Operating Irregularities
358-010-315	1	Operation of Unattended Offices Using B-1 Alarm and Control System

Number	Issue	Subject
358-020 Power Supply at Main and Auxiliary Repeaters		

358-020-500	2	General
358-020-510	1	Looping at Auxiliary Repeaters

358-021 Repeater and Amplifier Power Supply		
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358-021-501	2	General
358-021-502	1	Adjustment of Heater and Plate Voltages
358-021-503	1	Adjustment of Voice Frequency Repeater Power Transfer Circuit
358-021-504	1	Adjustment of 4-Volt Equalizer Thermistor Heater Supply Circuit at Equalizing Auxiliary Repeaters
358-021-505	1	Replacement of H Capacitor at Auxiliary and Main Repeaters

358-022 Power Line-Up		
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358-022-500	2	General
358-022-501	1	Preliminary Tests and Adjustments Using 13-Type Power Units
358-022-502	1	Preliminary Tests and Adjustments Using Power Over Coaxials
358-022-503	1	Equipping Power Section With Live Loads and Adjustment of 2064 KC Pilot
358-022-504	1	Final Adjustment of Voltages
358-022-505	1	Adjustment of Power Loading

358-025 Auxiliary Repeaters		
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358-025-500	2	General
358-025-501	1	Voltage and Current Measurements
358-025-502	1	Measurement of 2064 KC Pilot
Addendum	1	
358-025-503	1	Adjustment of Automatic Regulators
358-025-504	1	Adjustment of Double Manual Gain Control Units or Manual Regulators
Addendum	1	
358-025-505	1	Amplifiers — 3096 KC Activity Test
358-025-506	1	Automatic Regulators — Activity Test

Number	Issue	Subject
358-026 Auxiliary Repeaters — Equipment Replacements and Adjustments		

358-026-501	1	Repeater Panel — Installation
358-026-502	1	Adjustment of Building-Out Capacitors
358-026-503	1	Repeater Panel — Removal
358-026-504	2	Replacement of Automatic and Manual Regulators
358-026-505	1	Replacement of Double Manual Gain Control Units
358-026-506	2	Replacement of Amplifiers
358-026-507	1	Pilot Alarm Units — Replacement and Check of Operation

358-035 Main and Terminal Repeaters and Associated Equipment		
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Addendum	4	
358-035-500	4	Type L1 Repeater and Associated Equipment at Main and Terminal Repeaters
358-035-800	1	Replacing Relays in Line Switch Panel

358-050 Type L1 Carrier — Equalizing Auxiliary Repeater		
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358-050-500	3	Equalizing Auxiliary Repeater
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358-075 Type L1 Carrier — Line-Up Of Over-All System		
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358-075-500	2	General
358-075-501	2	High-Frequency Line — Tests and Adjustments

358-076 Type L1 Carrier — Flow Charts Showing Sections Involved in Line-Ups		
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358-076-501	1	L Unit Equipped With A Equalizers Only
358-076-502	1	L Unit Equipped With A and B Equalizers
358-076-503	1	L Units in Tandem Equalized by Single B Equalizer

Number	Issue	Subject
358-077 Line-Up of L Unit — Pilot Supply Not Available at Testing Office		
358-077-501	1	Line Pilots Furnished From Remote Office Using Spare L Unit
358-077-502	1	Line Pilots Furnished From Remote Office Using Released Television Facilities
358-078 Line-up of L Unit		
358-078-501	1	Check of A Equalizer Thermistor Oven and Battery Supply Circuit
358-078-502	1	Preliminary Adjustment of A Equalizer at Main Repeaters for Initial Line-Ups
358-078-503	1	Procedure at Equalizing Auxiliary Repeater
358-078-504	1	Procedure at Nonswitching Main Repeater
358-078-505	1	Measurement of Thermistor Heater Voltage
358-078-506	1	Typical Testing Connections for Multiline Manual Switching Arrangements
358-078-507	1	Adjustment of A1 (316A) Equalizer
358-078-508	1	Terminal or Switching Main Repeater — Procedure for L Unit Equipped with A Equalizers Only
358-078-509	1	Nick Equalization Adjustments — L Unit Equipped With A and B Equalizers — Terminal or Switching Main Repeater
358-078-510	1	Procedure for L Unit Equipped With A and B Equalizers — Terminal or Switching Main Repeater
358-078-511	1	Over-All Line-Up of L Units in Tandem Equalized by Single B Equalizer
358-078-512	1	Check of Calibration Settings of 2800 Fine Frequency Controls of A Equalizer
358-078-513	1	Loss Change Produced by Controls of A Equalizer
358-078-514	1	Loss Change Produced by Controls of B Equalizer
358-078-515	1	Basic Loss Characteristics of A Equalizer

Number	Issue	Subject
358-078-516	1	Measurement of Received Line Pilots at WKG or SP LINE OUT Jacks — Terminal or Switching Main Repeater
358-078-517	1	Over-All Check of Pilot Alarm System
Addendum	1	
358-078-518	1	Type L1 Carrier — Test and Adjustment of 219B Phase Build-Out Equalizer

358-079 Over-All Line-Up of Supergroup, Group, and Channel Group Layouts

358-079-501	2	Terminal-to-Terminal Tests and Adjustments
358-079-502	2	Flow Chart Showing Sections Involved in Line-Up of L Carrier Group Layout and Channel
358-079-503	1	L1 Carrier Overall System Modulation Tests

358-080 Terminal or Branching Point — Terminal-to-Terminal Tests

358-080-506	2	Channel Net Gain Measurement and Adjustment
358-080-508	2	Terminal-to-Terminal Tests L1 Carrier — Terminal Level Measurements

358-090 B2 and C2 Television Terminals

358-090-100	1	B2 and C2 Television Terminals
358-090-125	1	B2 and C2 — J68802N Test Oscillator
358-090-500	2	B2 Transmitting Terminal — C2 Receiving Terminal

358-091 B2 Television Transmitting Terminal and C2 Television Receiving Terminals

358-091-500	2	Line-Up Procedures
358-091-501	1	Electron Tube Tests
358-091-502	1	Power Supply Tests and Adjustments

Number Issue Subject

358-092 B2 Television Transmitting Terminal — Line-Up Procedures

358-092-500	2	General
358-092-501	1	Modulator Carrier Oscillator Levels
358-092-502	1	First Modulator Carrier Balance
358-092-503	1	Second Modulator Carrier Balance
358-092-504	1	Gain Adjustment
358-092-505	1	Excess Carrier Adjustment
358-092-506	1	622-kc Modulation Product
358-092-507	1	Frequency Characteristic
358-092-508	1	Normal Operating Arrangement

358-093 C2 Television Receiving Terminal — Line-Up Procedures

358-093-500	2	General
358-093-501	1	Demodulator Carrier Oscillator Level
358-093-502	1	Gain Adjustment
358-093-503	1	Demodulator Carrier Balance
358-093-504	1	Frequency Characteristic
358-093-505	1	Normal Operating Arrangement

358-094 B2 and C2 Television Terminals — Trouble Location Tests

358-094-500	2	General
358-094-501	1	Line Frequency Amplifier — Frequency Characteristic
358-094-502	1	Line Frequency Amplifier — Overload Test
358-094-503	1	Line Frequency Amplifier — Harmonic Generation or Modulation Test
358-094-504	1	Terminal Back-to-Back Test

358-095 B2 Television Transmitting Terminal — Trouble Location Tests

358-095-500	2	General
358-095-501	1	Modulator Transmission Tests
358-095-502	1	500C Filter — Frequency Characteristic

Number Issue Subject

358-096 C2 Television Receiving Terminal — Trouble Location Tests

358-096-500	2	General
358-096-501	1	8256-kc Band-Elimination Filter Test
358-096-502	1	Demodulator Transmission — Frequency Characteristic
358-096-503	1	Detector-Amplifier Transmission — Detector Measurements
358-096-504	1	Detector-Amplifier Transmission — Amplifier Measurements
358-096-505	1	Detector-Amplifier Transmission — Clamper Amplifier Section
358-096-506	1	Pilot Elimination Filter
358-096-507	1	500D Filter — Transmission Frequency Characteristic
358-096-508	1	Restorer — Transmission Frequency Characteristic

358-1 B3 and C3 Television Terminals

358-100 Television Terminals

358-100-100	1	B3 and C3
358-100-500	2	B3 Transmitting Terminal — C3 Receiving Terminal

358-101 B3 Transmitting Terminal — Line-Up Procedures

358-101-500	2	General
358-101-501	1	Electron Tube Tests and Power Supply Tests and Adjustments
358-101-502	1	Modulator Carrier Oscillator Levels
358-101-503	1	First Modulator Carrier Balance — Luminance Channel
358-101-504	2	Second Modulator Carrier Balance — Luminance Channel
358-101-505	1	Gain Adjustment — Luminance and Chrominance Channels
358-101-506	2	Excess Carrier Adjustment — Luminance Channel
358-101-507	1	622-kc Modulation Product — Luminance Channel
358-101-508	2	Frequency Characteristic — Luminance and Chrominance Channels

Number	Issue	Subject	Number	Issue	Subject
358-101-509	2	Automatic Switch Operation Test	358-104-504	1	557A Low-Pass Filter — Frequency Characteristic
358-101-510	1	Normal Operating Arrangement	358-104-505	1	557B Bandpass Filter — Frequency Characteristic
358-102 C3 Receiving Terminal — Line-Up Procedures			358-105 C3 Receiving Terminal — Trouble Location Tests		
358-102-500	2	General	358-105-500	2	General
358-102-501	1	Electron Tube Tests and Power Supply Tests and Adjustments	358-105-501	1	8256-kc Band-Elimination Filter Test — Luminance Channel
358-102-502	1	Demodulator and Modulator Carrier Oscillator Levels	358-105-502	2	Demodulator Frequency Characteristic — Luminance Channel
358-102-503	4	Gain Adjustment — Luminance and Chrominance Channels	358-105-503	1	Detector-Amplifier Frequency Characteristic — Luminance Channel Detector Measurements
358-102-504	1	Demodulator Carrier Balance — Luminance Channel	358-105-504	1	Detector-Amplifier Frequency Characteristic — Luminance Channel Amplifier Measurements
358-102-505	2	Frequency Characteristic — Luminance and Chrominance Channels	358-105-505	1	Detector-Amplifier Frequency Characteristic — Luminance Channel Clamper-Amplifier Section
358-102-506	2	Automatic Switch Operation	358-105-506	2	Output Mixing Amplifier Frequency Characteristic — Luminance and Chrominance Channels
358-102-507	1	Normal Operating Arrangement	358-105-507	2	Output Mixing Amplifier — Differential Gain and Phase
358-103 B3 Transmitting and C3 Receiving Terminals — Trouble Location Tests			358-105-508	2	Pilot-Elimination Filter — Luminance Channel
358-103-500	2	General	358-105-509	1	500D Filter Frequency Characteristic — Luminance Channel
358-103-501	2	6.192-mc Carrier Supply — Chrominance Channel	358-105-510	2	Restorer Frequency Characteristic — Luminance Channel
358-103-502	1	3.6-mc Amplifier — Frequency Characteristic	358-105-511	1	557C Low-Pass Filter Frequency Characteristic — Luminance Channel
358-103-503	1	Modulator Transmission Loss — Chrominance Channel	358-105-512	1	557C Bandpass Filter Frequency Characteristic — Chrominance Channel
358-103-504	1	Line Frequency Amplifier — Frequency Characteristic			
358-103-505	1	Line Frequency Amplifier — Overload Test			
358-103-506	1	Line Frequency Amplifier — Harmonic Generation or Modulation Test			
358-103-507	1	Terminal Back-to-Back Test			
358-104 B3 Transmitting Terminal — Trouble Location Tests					
358-104-500	2	General			
358-104-501	1	Modulator Transmission Tests — Luminance Channel			
358-104-502	1	Input Bridging Amplifier — Chrominance Channel			
358-104-503	1	500C Filter — Frequency Characteristic			

Division 359**L3, L4, L4S, L5, and L5E Carrier****359-0 Indexes, Equipment Test List, and L3 Carrier****359-1 Common Equipment****359-2 L4 and L4S Carrier****359-3 L5 and L5E Carrier**

Number	Issue	Subject
359-0 Indexes, Equipment Test List, and L3 Carrier		
359-000 Indexes		
359-000-000	39	Numerical Index — Division 359 — L3, L4, L4S, L5, and L5E Carrier
359-001 Equipment Test List		
359-001-011	11	Analog Carrier
359-001-012	1	L Carrier Common — Analog Carrier
359-001-013	1	L4 and L4S Carrier — Analog Carrier
359-001-014	1	L5 and L5E Carrier — Analog Carrier
359-010/090 Type L3 Carrier — Terminals, Repeaters, and Overall System		
Description		
359-010-100	5	Overall System
Addendum	1	
359-010-105	6	Description
Addendum	2	
359-010-110	1	Amplifiers
359-010-115	3	Regulators, Equalizers, Pilot Indicators and Alarms
359-010-120	5	Repeater Power Supply
359-010-130	2	Line Connecting Arrangements
359-010-131	1	Line Connecting Arrangements — Associated Drawings
359-010-135	1	Pearl Line Arrangements
359-010-136	1	Pearl Terminal Arrangements

Number	Issue	Subject
Tests		
359-010-300	2	General
359-010-301	2	Tests on Equipment Associated with the Type L3 Carrier System
359-010-303	5	Initial Tests — Terminal, Line Connecting, Line Switching and Television Equipment
359-010-304	3	Initial Line-Up Procedures — Power, Pilot and Over-All Tests

359-020 Main and Auxiliary Repeater Power Supplies

359-020-500	3	General Testing Considerations
Addendum	1	
359-020-511	3	Pilot and Power Line-up — For PS1 and PS2 Power Systems
359-020-512	3	Power Loading Adjustment — L3 Power Section — PS1 Power System — Line Loading Not Computed
359-020-513	5	J68447A Power Control Bay — Power Turndown and Power Turnup Operation
359-020-514	4	Auxiliary Repeater Power Supplies
359-020-515	3	Equalizing Auxiliary Repeater Power Supplies
359-020-516	3	Terminal Main Repeater Power Supplies (Constant Current Feed)
359-020-517	2	Main and Terminal Repeater Power Supplies (Constant Voltage Feed)
359-020-518	2	Associated Power Supplies

359-025 Auxiliary Repeaters

359-025-500	6	PS1 and PS2 Power Systems — Equipment Unit Replacement Procedures
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359-035 Main Repeaters

359-035-505	5	L3 Carrier — Repeater and Associated Equipment at Main Repeaters — Maintenance Procedures
359-035-506	3	Cross-Coupling Test — L3 Coaxial Carrier System

Number	Issue	Subject
359-060 PEARL Line Adjustments		
359-060-500	4	Line Adjustments
359-060-501	4	Measurements at Main Repeaters
359-075/080 Lineup of Overall System		
359-075 Overall System		
359-075-301	2	L3 Carrier — Line Removal From and Restoral to Service
359-076 Gain Equalization of an L3 Unit		
359-076-500	3	Tests
359-077 Delay Distortion Equalization of an L3 Unit		
359-077-500	1	General
359-077-501	2	DEL BO (475A) and Slope EQ (226L) Adjustment at Switching and Terminal Main Repeaters Equipped with 6-Pilot Regulation
359-077-502	1	Adjustment of TV EQ A, TV DROP EQ A, (336A) Gain and Delay Mop-Up Equalizer
359-077-503	1	Adjustment at Switching Main and Terminal Repeaters Slope EQ (226L) Adjustment
359-078 Over-All System Tests — Terminal to Terminal		
359-078-500	2	General
359-078-501	1	308 KC Synchronizing Frequency Amplifier Output Check
359-078-502	1	Check of Synchronization of 4-KC Frequency Supply Circuits
359-080 Frequency Charts		
359-080-501	4	Frequency Charts and Level Diagrams
359-090 T3 and R3 Television Terminals		
359-090-100	3	Description
Addendum	1	
359-090-500	5	Maintenance

Number	Issue	Subject
359-1 Common Equipment		
359-100 J68820 Automatic Line Switching		
Tests		
359-100-100	3	Description
359-100-500	3	General Test Information
359-100-501	2	Removal and Replacement of Coaxial Switches
359-100-502	3	Switching Signal Oscillator
359-100-503	4	Expander and Trigger Circuit
359-100-504	2	Switching Signal Amplifier
359-100-505	3	Detector Circuits
359-100-506	5	L3 and L4 Carrier — Common Equipment — J68820 Automatic Line Switching — Tests — Receiving Switch Operation
359-100-507	3	Transmitting Switch Operation
359-100-508	3	Manual Operations
359-100-509	2	Switching Signal Level Adjustments
359-100-510	5	Level Compensation Circuit (L4)
359-100-511	2	Switching Signal Phase Correction
359-2 L4 and L4S Carrier		
359-200 Overall System		
Description		
359-200-100	3	General
359-200-101	2	Line Repeaters
359-200-102	2	Main Station Transmission
359-200-104	4	Line Connecting Circuits
359-200-105	4	Remote Control System
Initial Installation		
359-200-201	3	Basic Repeater Selection
Tests		
359-200-500	2	Maintenance Considerations
359-200-501	4	Line Section Acceptance and Alignment
359-200-502	1	Trouble Analysis Using Remote Control System
359-200-503	3	Monitoring Oscillator Reference Power Adjustment
359-200-504	2	Fault Location Using L4 Line Power Supplies

Number	Issue	Subject
359-200-505	4	Equalization Procedures
359-200-506	2	Noise Loading
359-200-507	3	Intermodulation Noise
Frequency Charts		
359-200-520	4	Frequency Charts and Level Diagrams
359-205 Repeaters		
Maintenance		
359-205-301	4	Replacement Procedures at Main Stations
Tests		
Addendum	1	
359-205-500	2	General Maintenance and Test Information
359-205-501	2	At Basic Repeater Location
359-205-502	2	At Regulating Repeater Location
359-205-503	4	Equalizing Repeater Location
359-205-504	5	In-Service Main Station Equipment
359-205-505	4	J68877AA Basic Repeater — L4 Carrier
Addendum	1	
359-205-506	5	Regulating Repeater J68877AB
Addendum	1	
359-205-507	3	J68877AC Regulating Repeater
359-205-508	5	Transmitting Repeater J68877AM
359-205-509	5	Receiving Repeater J68877AN
359-205-510	2	Monitoring Oscillator Assembly — Frequency and Output Power
359-205-511	6	Equalizing Repeater Equipment Units
359-205-512	1	Manual A Equalizer J68877EJ
359-215 Line Connecting Equipment		
Tests		
359-215-501	6	Receiving Circuits
359-215-502	6	Receiving MMX-2 Connecting Circuit

Number	Issue	Subject
359-215-503	3	Line Branching Circuit
359-215-504	7	Transmitting MMX-2 Connecting Circuit
359-215-505	4	Mastergroup Blocking Circuit
359-215-506	3	512-kHz Pilot Stabilization and Distribution Circuit
359-215-507	4	11.648-MHz Pilot Generator and Distribution Circuit
359-215-509	5	Line Pilot Insertion
359-215-510	4	Transmitting Line Amplifier
359-215-511	2	Synchronization Receiving Circuits
359-215-512	5	Line Pilot Indicator Circuit
359-215-513	2	Receiving Amplifier

359-220 Remote Control System**Operation**

359-220-300	4	Method of Operation
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Tests

359-220-500	1	General
359-220-501	2	DC Logic
359-220-502	3	Control Center Command Signals
359-220-503	5	Control Center Receiving Circuit
359-220-504	3	Control System and Loopback Circuits

359-230 L4S System**Description**

359-230-100	1	General
359-230-101	1	Line Repeaters
359-230-102	1	Main Station Transmission
359-230-103	1	Line Connecting Circuits

Operation

359-230-300	1	Operating Procedures
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Tests

359-230-500	1	Maintenance Considerations
359-230-501	2	Equalization Procedure

Number	Issue	Subject
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359-3 L5 and L5E Carrier**359-300 Overall System****Description**

359-300-100	2	General
359-300-101	2	Line Repeaters
359-300-102	2	Main Station Repeaters and Equalizers — Description and Operation
359-300-103	2	Line Protection Switching System 3
359-300-104	3	Main Station Line Connecting Circuits — Description and Operation — L5/L5E Carrier
359-300-105	2	Transmission Surveillance System — Cable
359-300-106	2	Centralized Order Wire Bay
359-300-107	2	Transmission Surveillance System (TSS) — General Administrative Procedures
359-300-108	2	Portable Line Pilot Generator — J68919BK, L2 — Description, Operation, and Maintenance

Operation

359-300-300	1	L5/E2 Alarm Analysis
359-300-301	1	L5E/E2 Alarm Analysis
359-300-310	1	Transmission Surveillance System — Computer and Peripherals (Disc System) — General Operation
359-300-311	2	Transmission Surveillance System (TSS) — Computer and Peripherals (Disk System) — Data Base Management — L5/L5E Carrier
359-300-312	1	L5/L5E Carrier — Transmission Surveillance System — Cable — Application Programs

Number	Issue	Subject
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Tests

359-300-500	2	Maintenance Considerations
359-300-510	1	Transmission Surveillance System — Cable — Computer and Peripherals (Punched Paper Tape Diagnostics) — Maintenance
359-300-520	2	L5/L5E Carrier Frequency Charts
359-300-521	1	Transmission Level Diagram

Task Oriented Practices

▲359-370-000	2	L5/L5E Carrier System — Line Repeater Units — Pre-Installation Tests and Alignments
▲359-372-001	1	L5E Main Station T/R Bays — L5/L5E Carrier System
▲359-373-000	1	Line Protection Switching System 3 (LPSS-3) L5/L5E Carrier System
▲359-375-001	2	L5E Carrier System — Line Switching Section — Acceptance and Alignment
▲359-377-000	1	L5/L5E Carrier System — Transmission and Surveillance Auxiliary
▲359-381-000	1	L5/L5E Carrier System — Transmission Surveillance Center Bay Equipment

Division 360

**Maintenance Center Tests Equipment Components
Type L1 and Type L3
Carrier Telephone Systems**

**360-0 Indexes, Equipment Test Lists, L1 Maintenance
Center Test Equipment and Procedures****360-1 L3 Maintenance Center**

Number	Issue	Subject
360-0 Indexes, Equipment Test Lists, L1 Maintenance Center Test Equipment and Procedures		
360-000 Indexes		
360-000-000	10	Numerical Index — Division 360 — Maintenance Center Tests — Equipment Components — Type L1 and Type L3 Carrier Tele- phone Systems
360-001 Equipment Test Lists		
360-001-011	1	Maintenance Center Tests — Equipment Components — Type L1 and Type L3 Carrier Tele- phone Systems
360-010 L1 Maintenance Centers — Test Equipment		
360-010-105	2	Regulator Repair and Repeater Test Provisions
360-010-110	1	24-Type Oscillators
360-010-115	1	3A and 3B Amplifier-Detectors
360-020 Reconditioning of Type L1 Carrier Equipment Components		
360-020-300	2	Tests and Maintenance Center
360-025/034 Regulator Repair and Repeater Tests at L1 Maintenance Centers		
360-025 General Considerations — Regulators		
360-025-500	2	Test Circuit Preparation — Elec- tron Tube Tests and Adjustment of Pilot Frequency Test Power

Number	Issue	Subject
360-026 Repair of J68806A, B and D Regulators		
360-026-501	2	J68806A, B and D regulators for Main and Terminal Stations
360-026-502	1	Adjustment of Voltage and Regu- lator Tuning
360-026-503	1	Oscillator Adjustment
360-026-504	1	Operational Tests With SENS Switch in TR Position
360-026-505	1	Regulation Range
360-026-506	1	Activity and Tap Tests
360-027 Repair of J68806CA Regulators		
360-027-501	2	J68806CA Regulators for Main and Terminal Stations
360-027-502	1	Adjustment of Voltage and Regu- lator Tuning
360-027-503	1	Oscillator Adjustment
360-027-504	1	Regulation Range
360-027-505	1	Activity and Tap Tests
360-028 Repair of J68806C Regulators		
360-028-501	2	J68806C Regulators for Use at Auxiliary Repeater Stations
360-028-502	1	Adjustment of Voltages and Re- gulator Tuning
360-028-503	1	Oscillator Adjustment
360-028-504	1	Regulation Range
360-028-505	1	Activity and Tap Tests
360-029 Repair of D Specification Regulators		
360-029-501	2	D-158408, D-160325 and D- 160683 Regulators
360-029-502	1	Electron Tube Tests and Adjust- ment of Voltages
360-029-503	1	Regulator Tuning
360-029-504	1	Oscillator Adjustment
360-029-505	1	Regulation Range
360-029-506	1	Operational Tests With SENS Switch in TR Position
360-029-507	1	Activity and Tap Tests
360-029-508	1	Neutralization
360-030 Manual Gain Control		
360-030-501	1	Test of Units

Number	Issue	Subject
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360-031 Manual Regulators

360-031-501	1	Test of Units
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360-032 Test of Amplifiers

360-032-501	2	Amplifiers
360-032-502	1	Test Set Calibration and BOC Adjustment
360-032-503	1	Test Circuit Preparation
360-032-504	1	Insulation Resistance of Plate Circuit
360-032-505	2	Heater Current and Plate Current Measurements
Addendum	1	
360-032-506	1	Gain and Activity of Regulating Amplifiers
360-032-507	2	Gain and Activity of Nonregulating Amplifiers

360-033 Auxiliary Repeater Panels

360-033-501	2	Auxiliary Repeater Panels
360-033-502	1	Direct Current and Inspection Tests
360-033-503	1	Power Supply Measurements
360-033-504	1	Test Circuit Preparation for Loss Measurements
360-033-505	1	Loss Measurements — Output PSF Plus BOC OUT
360-033-506	1	Loss Measurements — Input PSF Plus Basic Equalizer Plus BOC IN
360-033-507	1	Loss Measurements — Input PSF
360-033-508	1	Loss Measurements — Basic Equalizer
360-033-509	1	Adjustment of Building-Out Capacitors
360-033-510	1	Loss Measurements — Line Building-Out Networks

Number	Issue	Subject
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360-034 Pilot Alarm Units

360-034-501	1	Test of Operation
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360-1 L3 Maintenance Center**360-110 Test Equipment**

360-110-105	4	Provisions for Test of Amplifiers and Repair of Regulators
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360-120 Reconditioning of Type L3 Carrier Equipment Components

360-120-300	2	Tests and Maintenance Center
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360-125 Amplifiers and Regulators

Addendum	1	
360-125-501	6	Test of Amplifiers and Regulators

Division 361**Service Center Tests Type N, O, and ON
Carrier Systems****361-0 Indexes, Equipment Test Lists and General Information****361-1 Channel Units****361-2 Group Equipment****361-3 Repeaters****361-4 Filters****361-5 Deviation Regulators****361-6 Switching Sets**

Number	Issue	Subject
361-0 Indexes, Equipment Test Lists and General Information		
361-000 Index		
361-000-000	11	Numerical Index — Division 361 — Service Center Tests — Type N, O and ON Carrier Systems

361-001 Equipment Test Lists

361-001-011	3	ETL
Addendum	2	
361-001-100	2	J98705U (5U) Test Set — Description
361-001-500	4	General

361-1 Channel Units**361-100/111 Channel Unit Tests**

361-100-500	6	J98703F and J98703FA Channel Unit (N)
361-101-500	2	J98703D Channel Unit (O)
361-102-500	3	J98703AH and J98703AF Thru Channel Units (N, O)
361-103-500	2	J98703W Schedule A and B Program Channel Units (N)

Number	Issue	Subject
361-104-500	2	J98703Y Schedule A and B Program Reversing Units (N)
361-105-500	3	J98703TA Schedule C and D Program Channel Units (N)
361-106-500	1	J98705AT Schedule C and D Program Channel Units (O)
361-107-500	3	J98703AM and J98705AP Special Service Channel Units
361-108-500	2	J98703AP Channel Unit Without Signaling (N)
361-109-500	1	J98705BP Channel Unit Without Signaling (N)
361-110-500	1	J98705AS Channel Unit Without Signaling (O)
361-111-500	3	J98705E Twin Channel Carrier Circuit (O)

361-120/124 Carrier Frequency Subassembly Tests

Addendum	1	
361-120-500	3	J98703F Channel Unit (N)
Addendum	1	
361-121-500	3	J98703FA Message, J98703TA Program and J98703AH Thru Channel Units (N)
361-122-500	2	J98705D Message and J98705AF Thru Channel Units (O)
361-123-500	2	J98703W Schedule A and B Program Channel Units (N)
361-124-500	1	J98705AT Schedule C and D Program Channel Unit (O)

361-130/132 Voice Frequency Subassembly Tests

361-130-500	2	Thru Channel Unit (N, O)
361-131-500	2	J98703W Schedule A and B Program Channel Units (N)
361-132-500	2	J98703AM and J98705AP Special Services Channel Unit (N, O)

361-140/143 Expander — Signaling Subassembly Tests

361-140-500	2	General (N, O)
361-141-500	2	J98703TA Schedule C and D Channel Units (N)
361-142-500	1	J98705TA Schedule C and D Program Units (O)

Number	Issue	Subject
361-143-500	1	J98703AP and J98705AS Channel Units Without Signaling (N, O)
361-150/152 Compressor Subassembly Tests		
361-150-500	2	General (N, O)
361-151-500	2	J98703TA Schedule C and D Program Channel Units (N)
361-152-500	1	J98705AT Schedule C and D Program Units (O)
361-2 Group Equipment		
361-200 Group Oscillator		
361-200-500	2	J98705H Group Oscillator Circuit (O)
361-205/208 Group Transmitter		
361-205-500	2	J98703H Low Group Transmitter (N)
361-206-500	2	J98703G High Group Transmitter (N)
361-207-500	2	J98705AB Group Transmitting Circuit (O)
361-208-500	2	J98705F Group Transmitting Circuit (O)
361-210/213 Group Receiver		
361-210-500	2	J98703K Low Group Receiver (N)
361-211-500	2	J98703J High Group Receiver (N)
361-212-500	2	J98705AA Group Receiving Circuit (O)
361-213-500	2	J98705G Group Receiving (O)
361-220/225 ON/K Units		
361-220-500	1	J98709C Transmitting Amplifier Circuit
361-225-500	1	J98709B Receiving Amplifier Circuit

Number	Issue	Subject
361-230/232 96 Channel Multiplex Units		
361-230-500	1	J98706AA Receiving Amplifier and Demodulator Unit
361-231-500	1	J98706AB Transmitting Amplifier and Modulator Unit
361-232-500	1	J98706AC Power Supply and Alarm Unit

361-3 Repeaters**361-300/306 Repeater Tests**

361-300-500	4	J98703L, LA, M, MA Repeaters (N)
361-301-500	2	J98703LB and J98703MB Transistorized NIA Repeaters
Addendum	1	
361-302-500	2	J98706C, D, E and F Repeaters (ON)
361-303-500	3	J98706CA, DA, EA, FA, J and K Repeaters (ON)
361-304-500	2	J98705AC Repeater Amplifier Circuit (O)
361-305-500	2	J98705J and J98705W Repeater Oscillator and Miscellaneous Oscillator Circuits (O)

361-4 Filters**361-400 Filter Tests**

361-400-500	2	529A and B, 530A through H, 530J through 530L, 530P or 531B, 530R or 531C and 531F Filters
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361-5 Deviation Regulators**361-500/501 Deviation Regulator Tests**

361-500-500	2	J98703AC Deviation Regulator — J98703AD Control Unit Tests
361-501-500	2	J98703AC Deviation Regulator — J98703AE Amplifier Unit Tests

Number	Issue	Subject
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361-6 Switching Sets

361-600/601 Switching Set Tests

361-600-500	2	J94002N Group Unit Switching Set
361-601-500	2	J94002M Repeater Switching Set

Division 362**Type N, O, and ON Carrier Telephone Systems and Associated Equipment Components****362-0 Index, Equipment Test List, and N1 System Terminal Equipment****362-1 Type O and ON Carrier Telephone Systems — Terminals and Junctions****362-2 Type O Carrier Telephone System — Repeaters****362-3 Type N1, O, and ON Carrier Telephone Systems — Overall Channel Lineup****362-4 N and ON Repeaters — Repeatered High-Frequency Lines****362-5 Type N and ON2 Carrier — Deviation Regulator and Adjustable Deviation Equalizer****362-6 Type ON/K Carrier — Repeatered High-Frequency Line****362-7 ON/Radio System — Radio Multiplex Points****362-8 N2 Carrier Telephone System****362-9 N3 and N4 Carrier Telephone System — Terminal Equipment**

Number	Issue	Subject
362-0 Index, Equipment Test List, and N1 System Terminal Equipment		
362-000-000	68	Numerical Index — Division 362 — Type N, O, and ON Carrier Telephone Systems and Associated Equipment Components
362-001-011	14	N1 Carrier — Analog Carrier
362-001-012	6	N2 Carrier — Analog Carrier
362-001-013	3	N3 Carrier
362-001-014	6	O, ON, O-H, ON-H Carrier System — Analog Carrier
362-001-015	2	N4 Carrier — Analog Carrier

Number Issue Subject**362-010 Type N1 Carrier Telephone System — General Information — Overall System**

Addendum	1	
362-010-100	5	Description — Overall System
362-010-150	1	Description — Order Wire and Alarm Facilities
362-010-300	1	Initial Line-Up and Maintenance Tests
Addendum	1	
362-010-501	1	Order-Wire and Alarm Facilities — Lineup and Maintenance

362-011 Type N1 Carrier Telephone System — Terminal Equipment

362-011-105	4	Description — Channel Units, Terminals Mounting, and Shop-Wired Bays
362-011-110	4	Type N1, N1-H Carrier Telephone System — Description — Transmitting and Receiving Group Units
Addendum	1	
362-011-300	3	Initial Line-Up and Maintenance Tests
Addendum	1	
362-011-500	3	Maintenance Considerations

362-015 Type N1 Carrier Telephone System — Preliminary Tests

362-015-501	2	Check of Local Cabling, Span Pads, Artificial Lines, Slope Networks and Noise Control Units
362-015-502	4	N1 and N1-H Repeatered Systems — Adjustment of Power Supply and Sealing Current to Adjacent Repeaters
362-015-515	4	Transistorized Repeatered Systems — Adjustment of Power Supply and Sealing Current to Adjacent Repeaters
Addendum	2	
362-015-525	2	Modification of Channel Units for Improved Transmission
362-015-526	2	Modification Procedure for N1-H Operation

Number	Issue	Subject
362-020 Type N1 Carrier Telephone System — Tests and Adjustments — General		
362-020-501	3	Heater Supply Voltage Adjustment
Addendum	1	
362-020-502	2	Electron Tube Cathode Activity Measurements
362-020-503	3	Check of Alarm Operation
Addendum	1	
362-020-510	1	Initial Lineup and Maintenance Tests
362-025 Type N1 Carrier Telephone System — Channel Unit Lineup — Transmitting		
362-025-501	5	Channel Carrier Output, Carrier-Frequency, and Carrier Leak Tests
362-025-502	5	Compressor Tests and Adjustments
362-030 Type N1 Carrier Telephone System — Channel Unit Lineup — Receiving		
362-030-501	3	Measurement of Individual Channel Carrier at the R1 Jacks and Channel Regulator and Demodulator Output Tests and Adjustments
362-035 Type N1 Carrier Telephone System — Group Unit Lineup — Transmitting		
362-035-501	3	3700-Hz Oscillator Output
362-035-502	5	Total Carrier Power Output
362-035-503	2	Measurement of Slope, Bulge, Cubic, and Quartic Distortion
362-040 Type N1 Carrier Telephone System — Group Unit Lineup — Receiving		
362-040-501	2	Total Carrier Power Output
362-040-502	8	Group Receiving Units — Measurements of Slope, Bulge, Cubic, and Quartic Distortion

Number	Issue	Subject
362-045 Type N1 Carrier Telephone System — Group Switching		
362-045-501	1	Switching Group Units With the 2N Switching Set
362-1 Type O and ON Carrier Telephone Systems — Terminals and Junctions		
362-100 General Information — Overall System		
362-100-100	4	Description — Type 01 Carrier Telephone System
362-100-150	5	Description — Type ON1 and ON2 Carrier Telephone Systems
362-101 General Information — Terminals and Junctions		
362-101-300	3	Initial Lineup, Maintenance Tests, and Periodicity Table
362-101-500	4	Maintenance Considerations
362-105 Preliminary Tests		
Addendum	1	
362-105-501	3	Preparation and Placement of Terminal Units
Addendum	1	
362-105-502	2	Preparation and Placement of ON1 Junction
362-105-503	4	Check of Alarm Operation
362-105-504	2	Modification Procedure for O-H and ON-H Operation
362-110 Tests and Adjustments — General		
362-110-501	2	Heater Supply Voltage Adjustment — Terminals
362-110-502	1	Heater Supply Voltage Adjustment — Junctions
362-110-503	3	Terminal and Junction Tube Tests
Addendum	1	
362-110-510	1	Summary Charts — Lineup, Maintenance, and Troubleshooting

Number	Issue	Subject
362-115 Channel Unit Lineup — Transmitting		
362-115-501	5	Compressor Output
362-115-502	5	Message Output — Signaling Output and Carrier Leak
362-120 Twin Channel Unit Lineup — Transmitting		
362-120-501	2	Transmitting Carrier Output and Frequency
362-125 Twin Channel Unit Lineup — Receiving		
362-125-501	3	Receiving Regulator Adjustment, Received Carrier Frequency Test, and ON2 Failure Alarm Circuit Adjustment
362-130 Group Unit Lineup — Transmitting		
362-130-501	6	Oscillator Unit — Group and 3700-Hz Oscillators
362-130-502	6	O and ON Group Transmitting Units—Terminal Alignment and Maintenance Tests
362-130-503	2	Adjustment of 76-KHz Level Oscillator Output
362-135 Group Unit Lineup — Receiving		
362-135-501	4	Adjustment of Group Receiving Unit — Terminals
362-140 Group Unit Lineup — Transmitting and Receiving Junctions		
362-140-501	4	Adjustment of Transmitting and Receiving Carrier
362-145 Summary Charts — Lineup and Maintenance		
362-145-501	5	O Carrier Terminals — Group and Twin Channel Units
362-145-502	5	ON Carrier Terminals — Group and Twin Channel Units
362-145-503	4	ON1 Junctions — Groups Connected to OA, OB, OC, and OD Carrier

Number	Issue	Subject
362-2 Type O Carrier Telephone System — Repeaters		
362-200 General Information		
362-200-300	1	Initial Line-Up and Maintenance Tests
362-200-500	1	Maintenance Considerations
362-205 Preliminary Tests		
362-205-501	1	Preparation and Placement of Repeaters
362-205-502	2	O Repeaters — Modification Procedures for O-H Operation
362-210 Tests and Adjustments — General		
362-210-501	2	Heater Supply Voltage Adjustment and Electron Tube Tests
362-210-502	1	Power Transfer and Alarm Tests — Ventilating Fan Tests
362-210-503	2	Summary Charts — Lineup, Maintenance, and Troubleshooting
362-215 Carrier Lineup		
362-215-501	1	OB, OC, and OD Repeaters
362-215-502	1	OB, OC, and OD Repeaters — Oscillator Frequency Measurement
362-215-505	1	OA Repeater
362-3 Type N1, O, and ON Carrier Telephone Systems — Overall Channel Lineup		
362-305 Transmission and Signaling		
362-305-501	5	Expander Output
362-305-510	7	Channel Noise Measurement
362-305-512	5	Channel Net Gain and Expander Output Check
362-305-515	6	Signaling Receiver and Overall Pulsing Tests
362-310 Thru Channel Unit		
362-310-501	5	1000-Hz and 3700-Hz Output

Number	Issue	Subject
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362-315 Special Service Channel Unit

362-315-501	5	Transmitting Section
362-315-502	5	Receiving Section

362-320 Program Channel Units

Addendum	1	
362-320-110	1	5-kHz Program Terminal — Description
362-320-501	4	Schedule C and D Program Channels (J98705AT) — Channel Line-Up and Equalization
362-320-504	2	Over-all Channel Line Up — Type N Carrier — Schedule C and D Program Channel Unit Voice Frequency Tests and Adjustments
362-320-505	2	Schedule C and D Program Channel Unit (J98703TA) — Equalizer Adjustment and Overall Transmission Frequency Characteristics
362-320-510	4	Schedule A and B Program Channel Unit (J98703W) — Carrier Output, Adjustment, and Carrier Leak Test
362-320-511	1	Schedule A and B Program Channel Unit (J98703W) — Channel Net Loss Measurement and Transmission Frequency Tests
362-320-515	1	Program Reversing Channel Unit (J98703Y) — Tests and Adjustments
Addendum	1	
362-320-516	1	Schedules A and B (5 kHz) — N Carrier Program Terminal (J99333) — Initial Lineup and Maintenance

362-330 Summary Charts — Lineup and Maintenance — N1 Carrier

362-330-501	4	Message Channel Unit (J98703F) and (J98703FA)
362-330-502	5	Channel Unit Without Signaling (J98703AP)
362-330-503	5	Thru Channel Unit (J98703AH)
362-330-504	5	Special Services Channel Unit (J98703AM)

Number	Issue	Subject
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362-330-505	5	Schedule C and D Program Channel Unit (J98703TA)
362-330-506	5	Schedule A and B Program Channel Unit (J98703W)
362-330-507	3	Amplas Channel Unit Without Signaling (J98703BP)

362-335 Summary Charts — Lineup and Maintenance — O and ON Carrier

362-335-501	7	Message Channel Unit
362-335-502	5	Channel Unit Without Signaling (J98705AS)
362-335-503	5	Thru Channel Unit (J98705AF)
362-335-504	5	Special Services Channel Unit (J98705AP)
362-335-505	3	Schedule C and D Program Channel (J98705AT)

362-340 Carrier Group Alarm Circuits

362-340-100	3	Type N2 Carrier System — Carrier Group Alarm Unit and Carrier Group Alarm Signal Receiver Unit — Description
362-340-501	2	J99272AR Signal Receiver — Out-of-Service Tests Using Testing Circuit SD-96519-01
362-345-100	3	Type N2 Carrier System — Carrier Group Alarm and E-Signaling — Connecting Panel for Packaged N2 Terminals — Description
362-345-101	1	Trunk Release and Make-Busy Circuit and E-Type Signaling Connectors (J99285AP) — Description

362-4 N and ON Repeaters — Repeatered High-Frequency Lines**Type N1 and ON Carrier Repeaters — Repeatered High-Frequency Line****362-400 General Information**

Addendum	1	
362-400-100	4	Description — Type N1 and N1-H Repeaters

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		362-410-502	3	Electron Tube Repeaters — Electron Tube Cathode Activity Measurements
362-400-120	3	Description — Type N1A Low-High Transistorized Repeater — J98703MB	362-410-503	3	304-kHz Oscillator Frequency Measurements
362-400-121	3	Description — Type N1A High-Low Transistorized Repeater — J98703LB	362-410-511	4	N1-H and ON-H Maintenance and Troubleshooting Procedures
362-400-300	2	Initial Lineup and Maintenance Tests	362-410-515	5	N1A Transistorized Repeaters — DC Power Tests
Addendum	1		362-410-516	4	Transistorized Repeaters N1A — Transistor Emitter Current and Thermistor Heater Current Test
362-400-510	6	Methods of Computing Slope, Bulge, Cubic, and Quartic Distortion			
362-400-511	1	Equalizing Slope, Bulge, Cubic, and Quartic Deviations — General			
362-401 Noise Measurements			362-415 Carrier Lineup — High-Frequency Line Measurements		
362-401-501	2	Message and Impulse — at Carrier Frequency	362-415-501	7	Total Carrier Power Output J98703 and J98706 Repeaters
362-405 Preliminary Tests			Addendum	1	
362-405-501	5	Check of Local Cabling, Span Pads, Equalizers, and Noise Control Units	362-415-502	9	N1, N1-H ON, and ON-H Repeaters — Measurement of Slope, Bulge, Cubic, and Quartic Distortion — Carrier Leak Test
Addendum	1		362-415-503	1	Equalization of Individual Carriers at the Output of the Repeater
362-405-502	4	Adjustment of Power Supply and Sealing Current — Check of Line Current and Fuse Alarm	362-415-504	1	Deviation Equalizer Loss
362-405-503	3	Electron Tube Repeater Supply Points — DC Line Voltage Measurements	362-415-505	2	Adjustable Deviation Equalizer Line-Up
362-405-510	1	Modification Procedure for List 1 of J98706 C, D, E, F, CA, DA, EA, FA, J, and K — ON Repeaters	362-415-509	2	Adjustable Deviation Equalizer Line-Up Using N-Line Deviation Test Set
362-405-511	3	Modification Procedure for N1-H and ON-H Operation	362-415-511	2	Repeatered High-Frequency Line Sectionalizing Procedure for Investigating Frequency Drift
362-405-516	2	Transistorized Repeater Points — Check of Voltage Polarity, Current and Sealing Current Provisions	362-415-515	4	N1A Repeaters — Measurement of Slope, Bulge, Cubic, and Quartic Distortion — Carrier Leak Test
362-410 Repeater Tests			362-420 Repeater Switching and Looping		
362-410-501	5	Electron Tube Repeaters — Heater and DC Regulator Measurements	362-420-501	7	Method of Switching N1, N1-H, ON, and ON-H Repeaters and N2 Repeaters in N2/N1 Adapters With the J94002M Repeater Switching Set
			Addendum	1	
			362-420-502	3	Looping of Individual Repeatered Sections

Number	Issue	Subject	Number	Issue	Subject
362-420-515	3	Method of Switching N1A Repeaters and N2 Repeaters in N2/N1A Adapters With the J987038D Repeater Switching Set	362-450/475 Type N2 Carrier Repeaters — Repeated High-Frequency Line		
362-425 Equivalent 4-Wire N Carrier			Addendum	1	
362-425-100	1	Directional Filter and Phase Equalizer Circuit Description	362-450-100	2	General Information
Addendum	2		362-450-101	1	Low-High Transistorized Repeater — Description
362-425-501	1	Directional Filter and Phase Equalizer — Installation and Maintenance	362-450-102	1	High-Low Transistorized Repeater — Description
362-430 Type 240 Amplifier			362-450-103	2	Regulated Power Supply — Constant- Current Regulator Circuit — Description
362-430-100	2	240-Type Flat-Gain Amplifiers and Associated Networks — Description	362-450-300	1	Initial Line-Up and Maintenance Tests — General Information
362-430-501	3	Type 240 Amplifier — Installation and Maintenance	362-450-500	1	Maintenance Considerations
362-440 Line Build-Out and Cross-Connecting Equipment			362-451-100	3	N2 Repeater-to-N1 and N1A Adapters — Description
362-440-100	2	J99323 — Description	362-451-502	2	N2 Repeater-to-N1 and -N1A Adapters — Initial Adjustments
362-440-101	1	ED-97031, ED-97032, ED-97033 — Description	Addendum	1	
362-440-102	1	ED-3C223-30 and ED-3C224-30 — Description	362-455-501	2	Repeater Power Supply Point — Adjustment of Line Powering Provisions — Check of Fuse Alarms
362-440-501	2	Check of Shield and Sheath Continuity and Grounding	362-455-502	3	Preliminary Tests — Repeater Power Provisions — Check of Voltage Polarity
362-440-502	1	Check of Fuse Alarms	Addendum	1	
362-440-503	3	J99323 — Check of Local Cabling, Span Pads, and Equalizers	362-460-501	6	Repeater DC Voltage Measurements and 60-Hz Inductive Interference Tests
362-440-504	2	Repeater Power Supply Point — Adjustment of Power Supply and Sealing Current for Line Powering of N1, N1A, and N2 Repeaters With or Without 240-Type Amplifiers	Addendum	1	
362-440-505	1	ED-97031, ED-97032, ED-97033 — Check of Local Cabling, Span Pads, and Equalizers	362-465-501	2	Carrier Lineup — High-Frequency Line Measurements — Total Repeater Output Carrier Power
			362-465-503	2	Repeater Tests — 304-kHz Oscillator Frequency Measurements
			Addendum	1	
			362-465-504	5	Check of Span Pad and Measurement of Slope, Bulge, Cubic, and Quartic Distortion
			Addendum	1	
			362-465-505	1	Equalizing Slope, Bulge, Cubic, and Quartic Deviations — General
			362-470-501	3	N2 Repeater Switching With J99321S N2 Repeater Switching Set

Number	Issue	Subject	Number	Issue	Subject
362-470-502	2	Looping of Individual Repeated Sections	362-506-503	1	Check of Network Regulating Circuit
362-5 Type N and ON2 Carrier — Deviation Regulator and Adjustable Deviation Equalizer			362-506-504	2	Out-of-Service Tests
362-500 General Information			362-506-505	1	Check for Defective Shape Network
362-500-500	3	Maintenance Considerations	362-510 Adjustable Deviation Equalizer		
362-501 Preliminary Tests			362-510-100	2	Description
362-501-501	1	Check of Local Cabling, Span Pads and Artificial Line Sections	362-510-501	2	Maintenance
362-501-502	1	Check of Plate Supply and Adjustment of Heater Voltages	362-6 Type ON/K Carrier — Repeated High-Frequency Line		
362-501-503	1	Check of Fuse Alarm Operation	362-600 General Information		
362-502 Out-of-Service Line-Up Procedures — Method A or B			362-600-100	1	General Description
362-502-501	2	Check and Adjustment of Individual Carrier Gain	362-600-500	2	Tests and Adjustments — Maintenance Considerations
362-502-502	2	Check of Deviation Regulator Range	362-600-501	2	Determination of Slope on Carrier Line
362-503 In-Service Line-Up Procedures			362-605 Preliminary Tests		
362-503-501	1	Method A and Method B	362-605-501	1	Preparation and Placement of Terminal, Repeater and Junction Equipment
362-504 Removing Units From Service			362-610 Tests and Adjustments — General		
362-504-501	1	Switching a Deviation Regulator	362-610-501	2	Heater Voltage Adjustment
362-504-502	1	Bypassing a Deviation Regulator	362-610-505	1	Tube Tests
362-504-503	1	Removing a Control Unit from Service	362-615 Carrier Line-Up		
362-504-504	1	Bypassing a Faulty Network Thermistor	362-615-300	2	Type ON/K Carrier — Repeated High-Frequency Line — Initial Lineup Tests
362-505 Electron Tube Cathode Activity Tests			362-615-501	2	Terminals — Repeaters — Junctions
362-505-501	2	Amplifier and Control Circuit Units	362-615-505	1	Adjustable Deviation Equalizer
362-506 Maintenance Tests and Adjustments			362-620 Amplifier Switching		
362-506-501	1	Measurement of Total Carrier Power Output	362-620-501	1	Method of Switching ON/K Amplifier
362-506-502	1	Check of Carrier Output Characteristics			

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362-7 ON/Radio System — Radio Multiplex Points		
362-700 Carrier Line-Up — 48 Channel Combining Units		
362-700-501	2	Preparatory Procedures — DC Resistance Measurements
362-700-505	2	Measurement of Individual Carrier and Total Power
362-705 Carrier Lineup — 96 Channel Combining Units		
362-705-100	1	Multiplexing Circuits for Use With Radio Systems — Description
362-705-501	3	DC Tests and Adjustments — Placement of Plug-in Units and Tube Tests
362-705-505	2	Lineup Measurements
362-710-100	2	Combining and Multiplex Circuits for Use With TL Radio
362-8 N2 Carrier Telephone System		
362-800 Overall System		
362-800-010	1	Analysis of N2 Carrier Trouble Reports — Form E-4962
362-800-100	5	Description
362-800-300	1	Initial Line-Up and Maintenance Tests
362-800-505	3	Message and Schedule C and D Program Channels — Channel Net Gain and Frequency Response
Addendum	1	
362-800-506	3	Channel Noise Measurement and Maintenance Requirements
362-800-508	1	Data Transmission Parameter Requirements
362-800-510	3	Voice-Frequency Amplifier J99272BD, J99272AA, and J99272BA — Through-Channel Connector and Pad Unit J99272CA — Transmitting and Receiving
362-801 Terminal Equipment — General		
362-801-100	6	J99272 Carrier Terminal Equipment — Nonpackaged Bays and Plug-In Units — General Description

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362-801-101	2	Packaged N2 Terminal Frames (J99285) — Description
Addendum	1	
362-801-102	1	J99272() Carrier Terminal Equipment for Use With F-Type Signaling — Description
362-801-300	3	Initial Lineup and Maintenance Tests
362-801-500	4	Maintenance Considerations
362-801-501	3	Test Summary Charts
362-802 Power Supply Unit		
362-802-100	3	Power Supply Unit J87216A and J87216C — Description
362-802-501	4	Power Supply Units J87216A and J87216C — Tests and Adjustments
362-802-510	2	Power Supply Units J87216A and J87216C — Switching
362-803 Alarm Unit		
362-803-100	4	J99272BL Alarm Unit — Description
362-803-110	3	Alarm and Restoral Unit for N2 Terminals — Description
362-803-501	3	(J99272L) — Electrical Tests and Adjustments
362-803-502	2	Check of Alarm Operation
Addendum	3	
362-803-510	2	N2 Carrier Telephone System — Packaged Terminal Equipment (J99285) — Check of Alarm Operation
362-803-511	2	J99272AW Alarm and Restoral Unit — Electrical Tests and Adjustments
362-804 Line Terminating Unit		
362-804-100	4	J99272M, BM, and BW — Description
362-804-501	4	J99272M, BM, BW — Check of Local Cabling, Span Pads, and Slope Equalizers
362-804-502	4	(J99272M and J99272BM) — Adjustment of Repeater Power Supply With or Without 240-Type Amplifiers and Sealing Current Over Cable

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362-804-503	4	(J99272M and J99272BM) — Check of Line Current	▲362-811-510	1	Transmitting and Receiving Wideband Modem Unit Switching
362-804-504	3	J99272BW — Adjustment of Repeater Power Supply			
362-805 Group Transmitting and Receiving Units			362-812 Wideband Terminals		
362-805-100	2	Description	Addendum	1	
362-805-501	3	Total Carrier Power Output — Transmitting	362-812-000	1	X114A/X103 Wideband Terminal (0.1 to 40 KC) — Description, Alignment, and Tests
362-805-502	6	Group Transmitting Unit — Measurement of Slope, Bulge, Cubic, and Quartic Distortion	▲362-812-100	1	N2WT-1 Wideband Terminal Equipped with N2WM-1 or N2WM-2 Wideband Modem — Description
362-805-503	4	Total Carrier Power Input and Output — Receiving	▲362-812-501	1	N2WT-1 Wideband Terminal — N2WM-1 Wideband Modem (10 to 51 kHz) — Initial Line-up Procedure
362-805-504	6	Group Receiving Unit — Measurement of Slope, Bulge, Cubic, and Quartic Distortion	▲362-812-502	2	N2 Carrier Telephone System — N2WT-1 Wideband Terminal — N2WT-1 Wideband Modem (10 to 51 kHz) — Maintenance Tests
362-805-505	3	Transistor Emitter Current Test	▲362-812-503	2	N2WT-1 Wideband Terminal — N2WM-2 Wideband Modem (0.1 to 37.5 kHz) — Initial Lineup Procedure
Addendum	1		▲Addendum	1	
362-805-510	3	Switching	▲362-812-504	2	N2WT-1 Wideband Terminal — N2WN-2 Wideband Modem (0.1 to 37.5 kHz) — Maintenance Tests
362-806 Channel Modem Unit			362-9 N3 and N4 Carrier Telephone System — Terminal Equipment		
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362-806-100	5	Description	362-900-100	4	Description
362-806-501	5	Message and Schedule C and D Program — Transmitting and Receiving Carrier Power Tests	362-900-508	1	Data Transmission Parameter Requirements
362-806-502	3	Voice-Frequency Input and Output Tests	362-901 N3 Carrier Telephone System — Carrier-Frequency Supply		
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362-807-100	3	Description			
362-808 VF Amplifier Unit					
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362-811 N2WM1 Wideband Modem					
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362-811-501	1	N2WM1 Wideband Modem — (10 to 51 KC) — Initial Line-Up Procedure			
▲362-811-502	1	N2WM1 Wideband Modem — (10 to 51 KC) — Maintenance Tests			

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362-902 N3 Carrier Telephone System — Terminal Equipment — General		
362-902-100	4	Description
362-903 N3 Carrier Telephone System — Power Supply Unit		
362-903-100	1	Power Supply Unit — Description
362-904 N3 Carrier Telephone System — Line Terminating Unit		
362-904-100	3	Line Terminating Units J99300AL and J99300AT — Description
362-905 N3 Carrier Telephone System — Group Transmitter and Receiver Units		
362-905-100	1	Description
362-906 N3 Carrier Telephone System — Channel Group Modem Unit		
362-906-100	1	Description
362-907 N3 Carrier Telephone System — Frequency Correction Unit		
362-907-100	2	Description
362-907-101	4	(J99300AS) — Description
362-908 N3 Carrier Telephone System — Alarm Unit		
362-908-100	3	Alarm and Restoral Unit — J99300AK — Description
362-909 N3 Carrier Telephone System — Double-Channel Regulator Unit		
362-909-100	5	J99300AC and J99300CA — Description
362-910 N3 Carrier Telephone System — Channel Modem Unit		
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362-911 N3 Carrier Telephone System — Channel Compandor Unit		
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362-911-100	1	Description
362-912 N3 Carrier Telephone System — VF Amplifier Unit		
362-912-100	3	J99272CA Through-Channel Connector and Pad Unit — Description
362-915 N3 Carrier Telephone System — Secondary Carrier Distribution		
362-915-100	1	Description
362-915-101	1	Plug-In Secondary Carrier Distribution Circuit — Description
362-920 N3-L Junction — Overall System		
362-920-100	3	Description
362-921 N3-L Junction — Overall System		
362-921-100	2	Equipment Description
362-922 N3-L Junction — Modulators		
Description		
362-922-100	1	J99331AA Type A N3-L
362-922-101	1	J99331AB Type A L-N3
362-922-102	1	J99331BA/BB Type B N3-L/L-N3
362-923 N3-L Junction — Carrier-Enhancement and Reduction Units		
Description		
362-923-100	2	Carrier-Enhancement Unit — J99331AC
362-923-101	2	J99331AE/AG Carrier Reduction Unit
362-924 N3-L Junction — J99331AF Carrier Distribution Amplifier		
362-924-100	1	Description

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362-925 N3-L Junction — J99331BC Low-Level Regulator		
362-925-100	1	Description

362-926 N3-L Junction — Alarm Units

Description		
362-926-100	2	Type A Alarm, Squelch, and Restoral Unit — J99331AD, L2
362-926-101	1	J99331BD Type B Auxiliary Alarm Unit

362-927 N3-L Junction — Channel Group 2 Loop Unit

362-927-100	1	J99331AH — Description
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362-930 N4 Carrier Telephone System — Overall System

362-930-100	1	Description
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362-940 N4 Carrier Telephone System — Terminal Equipment

362-940-100	2	Description
362-940-101	1	Type N4 Carrier Telephone System — Double Channel Modem Unit — Description
362-940-102	2	Alarm and Restoral Unit — Description—Type N4 Carrier Telephone System
362-940-103	1	Channel Group Modem Unit — Description — Type N4 Carrier Telephone System
362-940-104	1	Type N4 Carrier Telephone System — Power Supply Unit (1024P) — Description
362-940-105	1	Group Receiving Units — Description
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362-971 Task Oriented Practice (TOP) — Plant

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▲362-971-001	1	N3 Carrier System — N3/L Junctions — Routine, Acceptance, and Circuit Order
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Division 363

Loop Transmission Systems

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- 001 Equipment Test Lists
- 005 Data Sheets
- 099 Customer Information Releases (CIRs)

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- 101 Adjustments and Maintenance — Central Office and Remote Terminal
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- 103 System Line-Up and Maintenance
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- 201 SLC® 40 Carrier System
- 202 SLC 96 and SLC 24 Carrier Systems, Lightguide Interconnections, and LM-Type Multiplexers
- 203 SLIM (Subscriber Loop Interface Module) — DCLU-5 (Digital Carrier Line Unit 5)
- 204 SLC 24 Carrier System and Fiber SLC 24 Carrier
- 205 SLC Series 5 Carrier System
- 206 Multiplexers and Networks
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363-3 Analogue Carrier Systems

- 300 KS-20988 Multichannel Subscriber Carrier System
- 301 SLC 8 Carrier System

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- 400 SLC 1 Carrier System
- 401 Data SLC Carrier System

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- 700 LSS (Loop Switching System)
- 701 No. 10A RSS (No. 10A Remote Switching System)



NOTE:

Documents in this division carrying this symbol ® are available in electronic form in 300-100-XXX.

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363-005 Data Sheets		
SLC 96 Carrier System		
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363-005-016	2	WP1 CP ACU Common Unit S9CP200AAA	363-005-040	2	WP37 CP SPOTS RT Channel Unit S9CP271AXX
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363-005-018	1	WP10 CP DUAL-SP CU (COT) Channel Unit S9CD101AXX	363-005-042	2	WP48 VDM Channel Unit S9CS21AXX
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363-005-021	2	WP20() CP DUAL-SP CU (RT) Channel Unit S9CD203AXX	363-005-045	1	WP40 OLIU Circuit Pack S9L1800BXX
363-005-022	1	WP30() CP DUAL-SP CU (RT-XR) Channel Unit S9CD242AXX	363-005-046	1	WP41B ELIU Circuit Pack S9L1900BXX
363-005-023	1	WP11() CP DUAL-MP CU (COT) Channel Unit S9CD120AXX	363-005-047	1	F-62115 CP DLU Common Unit S9CP502AXX
363-005-024	1	WP21() CP DUAL-MP CU (RT) Channel Unit S9CD221AXX	363-005-048	2	J98726GD-1,L1 SLC SEC O Channel Unit D4CA300
363-005-025	1	WP31() CP DUAL-MP CU (RT-XR) Channel Unit S9CD251AXX	363-005-049	1	J98726GC-1,L1 SLC SEC S Channel D4CA300
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363-005-027	1	WP22() CP Coin CU (RT) Channel Unit S9CD232AXX	SLC 24 and 96 Carrier Systems		
363-005-028	1	WP32 CP Coin CU (RT-XR) Channel Unit S9CD260AXX	363-005-051	2	WP42 CP SPOTS DPO Channel Unit S9CD176AXX
363-005-029	1	J98726CJ-1, L2 4E&MS Channel Unit D4CE800	363-005-052	2	WP43 CP SPOTS DPT Channel Unit S9CD275AXX
363-005-030	2	J98726PC-1, L2 DVO Channel Unit D4DC220	363-005-053	1	WN4D CP LIU-4 Common Unit S9L1465AXX
363-005-031	2	J98726PD-1, L2 TDVS Channel Unit D4DC320	SLC Series 5 Carrier System		
363-005-032	3	WP33() CP Dual-FSR (COT) Channel Unit S9CP	363-005-101	2	AUA31 (COT) Channel Unit — POTS 5SCU110AXX
363-005-033	2	WP34() CP Dual-FSR (RT) Channel Unit S9CD	363-005-102	2	AUA32 (COT) Channel Unit — SPOTS Unit 5SCU820AXX
363-005-034	1	WP35() CP Dual-FSR Channel Unit S9CD	Ⓐ363-005-103	4	AUA33 (COT) Coin Channel Unit (4-95)
363-005-035	4	WM1B/WM1D CP TRU Common Unit S9CP105AXX	Ⓐ363-005-104	7	AUA34() (COT) DSO Dataport Channel Unit 5SCU380 (AUA34), 5SC1330 (AUA34B) (3-93)
363-005-036	1	WN4C CP LIU-4 Common Unit S0LI405AXX	363-005-105	3	SLC Series 5 Carrier System AUA41() 4-Wire Current Feed Special Services Channel Unit
363-005-037	1	WM20 CP CTU-COT Common Unit S9CPH00			

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363-005-106	3	AUA42 () 2-Wire Special Services Channel Unit (9-94)	Ⓢ363-005-129	1	AUA90 T-Brite Channel Unit — 5SC1EEDAXX
Ⓢ363-005-107	5	AUA43 2-Wire Special Services E SPOTS® Channel Unit — 5SCU6A6 (8-94)	Ⓢ363-005-130	1	AUA92 ISDN Brite II Channel Unit — 5SC1JE0
Ⓢ363-005-108	4	AUA44 4-Wire Special Services Channel Unit — 5SCU7C6 (3-93)	Ⓢ363-005-131	2	AUA93 ISDN Brite II Channel Unit — 5SC1HEOAXX
Ⓢ363-005-109	1	AUA35 (COT) Channel Unit — Multiparty 5SCU540AXX	Ⓢ363-005-132	1	AUA75 2WPLAR Channel Unit — 5SC1FF2AXX
363-005-110	3	AUA51 (RT) Channel Unit — POTS/SPOTS Units 5SCU150AXX	Ⓢ363-005-133	1	AUA150(RT) POTS/SPOTS Channel Unit — 5SCU1LVAAA
Ⓢ363-005-111	7	AUA52 Office Channel Unit (OCU) Dataport — 5SCU480 (AUA52), 5SC1430 (AUA52B) (3-93)	Ⓢ363-005-134	1	AUA151 (RT) POTS/SPOTS® Channel Unit — 5SC1XXD
Ⓢ363-005-112	2	AUA53 (RT) Coin Channel Unit — Coin 5SCU260AXX	Ⓢ363-005-135	1	AUA94 ISDN Channel Unit — 5SC18EO (10-93)
Ⓢ363-005-113	3	AUA54 4-Wire Special Services Channel Unit — 5SCU7BO	Ⓢ363-005-136	3	AUA61 DS1 Line Interface Unit 5SLI110AXX
363-005-114	1	AUA36 (COT) Channel Unit — DID 5SCU9F0AXX	Ⓢ363-005-137	3	AUA62 Line Interface Unit — Line Powering 5SC1120AXX
363-005-115	1	AUA56 (RT) Channel Unit — DID 5SCU9E0AXX	Ⓢ363-005-139	3	AUA64 DS1 Line Interface Unit — Power Looping 5SLI140AXX
Ⓢ363-005-116	2	AUA55 (RT) Channel Unit — Multiparty 5SCU570AXX	363-005-142	1	AUA16 DS1 Digital Connectivity Unit-Left 5SCS400AXX
Ⓢ363-005-117	4	AUA58 (RT) Channel POTS Unit — 5SCU1H8AXX (AUA58B) or 5SC1P00AAA (AUA58C) (12-92)	363-005-143	1	AUA17 DS1 Digital Connectivity Unit- Right 5SCS500AXX
Ⓢ363-005-118	4	AUA38() (COT) POTS Channel Unit 5SC1Y20AAA (AUA38B) or 5ACU1G0AAC (AUA38) (7-94)	Ⓢ363-005-144	3	AUA61B DS1 Line Interface Unit — DSX 5SLI1A2AXX
Ⓢ363-005-119	2	AUA59 (RT) SPOTS Channel Unit — 5SCU1L0AXX	Ⓢ363-005-145	2	AUA62B DS1 Line Interface Unit — Line Powering 5SLI12AAXX
Ⓢ363-005-120	3	SLC Series 5 Carrier System AUA39() SPOTS(r) Channel Unit (11-94)	Ⓢ363-005-146	2	AUA64B DS1 Line Interface Unit — Power Looping 5SLI14AAXX
Ⓢ363-005-121	2	AUA37 () (COT) FSR Channel Unit (7-94)	Ⓢ363-005-147	1	AUA61C DA1 Line Interface Unit — DSX 5SLI1A3AXX
Ⓢ363-005-122	2	AUA57 (RT) Channel Unit — FSR 5SCUT04AXX	Ⓢ363-005-148	1	AUA62C DS1 Line Interface Unit — Line Powering 5SLI123AXX
Ⓢ363-005-123	5	AUA45 () Dual Ringing Repeater Channel Unit — 5SCUUJ5 (10-92)	Ⓢ363-005-149	1	AUA64CDS1 Line Interface Unit — Power Looping 5SLI143AXX
Ⓢ363-005-124	2	AUA25 (RT) M SPOTS Channel Unit — 5SCURP7AXX	Ⓢ363-005-150	1	AUA61D DS1 Line Interface Unit — DSX 5SLI1A4AXX
Ⓢ363-005-127	1	AUA26 (COT) CU — POTS With Derived Channel Alarm — 5SC1CC1AXX	Ⓢ363-005-151	2	AUA62D DS1 Line Interface Unit — Line Powering 5SLI125AXX
Ⓢ363-005-128	1	AUA27 (RT) CU — POTS With Derived Channel Alarm — 5SC1DD1AXX	Ⓢ363-005-152	2	AUA64D DS1 Line Interface Unit — Power Looping — 5SLI145AXX
			Ⓢ363-005-154	1	AUA117 DS1 Digital Connectivity Unit — Right 5SCS5CO
			363-005-155	1	AUA8 System Display Unit — NCPQDCB Data Sheet/User's Manual (12-92)
			Ⓢ363-005-156	1	AUA77 Site Interface Unit — 5SPQ10T (12-92)

Number	Issue	Subject	Number	Issue	Subject
Ⓐ363-005-157	1	AUA111 (COT/RT) Transmit/Receive Unit — 5SCTGO (12-92)	Ⓐ363-005-185	4	AUB24 (RT) Alarm Display Unit — Mode 96 5SCSB00BXX
Ⓐ363-005-158	1	AUA112(RT) Transmit/Receive Unit— 5SCS3GO (10-93)	Ⓐ363-005-186	4	AUB6 (COT) Alarm Display Unit — 5SCS900BXX (3-93)
363-005-161	2	AUA1 (COT) Transmit/Receive Unit 5SCS200AXX	Ⓐ363-005-187	5	AUB26 (RT) Alarm Display Unit — 5SCSA00BXX
Ⓐ363-005-162	3	AUA21B (RT) Transmit/Receive Unit 5SCS309AXX	Ⓐ363-005-188	4	AUB3 (COT) Alarm Interface Unit 5SCD300BXX
Ⓐ363-005-163	3	AUA22B (RT) Transmit/Receive Unit — 5SCSM09AXX	363-005-189	1	AUB4 Alarm Display Unit/Alarm Suppressor Unit — 5SCSC00BX
363-005-164	1	AUA71 LBRV Transcoder Unit — 5SLI280AXX	Ⓐ363-005-190	4	AUB27 () Alarm Display Unit ADU (12-94)
Ⓐ363-005-165	2	AUA73 Line Switch Unit — DS1 Interface 5SCS150AXX	Ⓐ363-005-191	1	AUB28 Alarm Display Unit — 5SPQ10U (12-92)
363-005-166	2	AUA13 Line Switch Unit — DS1 Interface 5SCS110AXX	Ⓐ363-005-192	1	AUB30 Automated Channel Test Unit — 5SCD21H (12-92)
Ⓐ363-005-167	2	AUA105 (RT) Transmit/Receive Unit — 5SPQAALAXX	Ⓐ363-005-194	1	MC97775A1 (RT) Bank Control Unit — 5SPQ10W (12-92)
Ⓐ363-005-168	1	AUA109 (RT) Transmit/Receive Unit — 5SCS30AAXX	Ⓐ363-005-195	2	MC97777A1 () RT Bank Control Unit (7-94)
Ⓐ363-005-171	1	MC97779A1 (RT) Bank Control Unit (FPF MSDT) — 5SXTA04	Ⓐ363-005-196	1	AUA74 Line Switch Unit DS1 Interface — 5SPQABC (10-93)
Ⓐ363-005-172	1	MC97771A1 (RT) Bank Control Unit — 5SPQAAKAXX	Ⓐ363-005-197	1	AUB3B (COT) Alarm Interface Unit — 5SCD30F
Ⓐ363-005-173	2	MC97776A1 (RT) Bank Control Unit — 5SPQ10R (MC97776A1) or 5SPQABT (MC97776A1B) (9-94)	363-005-198	2	AUB2 (COT) Channel Test Unit — PGTC 5SCD100BXX — AUB2B (COT) CTU — PGTC 5SCD101BXX
363-005-175	2	MC97723A1 (RT) Bank Controller Unit — 5SCSE00CXX	363-005-199	2	AUB22 (RT) Channel Test Unit — PGTC 5SCD201BXX
363-005-176	2	MC97722A1 (COT) Bank Controller Unit — 5SCSD00CXX	363-005-200	3	AUB5 (COT) Channel Test Unit — 5SCD110BXX
Ⓐ363-005-177	4	MC97724A1, IS:5 (RT) Bank Control Unit — 5SCSHCE (5-93)	363-005-201	2	AUB25 (RT) Channel Test Unit — 5SCD210BXX
363-005-178	2	MC97725A1 (COT) Bank Control Unit — 5SCSFOOCXX	363-005-202	2	AUA3 Office Timing Unit — 5SCS600AXX
363-005-179	2	MC97726A1 (RT) Bank Control Unit — 5SCSGOOCXX	363-005-203	3	AUA11 Power Converter Unit 5SCD400AXX — AUA11B PCU 5SCD402AXX
363-005-180	2	MC97755A1 (COT) Bank Control Unit (3-94)	Ⓐ363-005-204	1	AUA11C Power Converter Unit — 5SCD4J2AXX
363-005-181	1	MC97756A1 (RT) Bank Control Unit — 5SCSG60CXX	Ⓐ363-005-205	4	AUA24 Fan Control Unit 5SCD500AXX
Ⓐ363-005-182	1	MC97769A1 (INA-RT) Bank Control Unit — 5SXTA10BXX	363-005-206	3	AUA18 Digital Test Unit — Left 5SCDA00AXX
363-005-183	2	AUB1 (COT) Alarm Display Unit — 5SCS700BXX	363-005-207	3	AUA19 Digital Test Unit — Right 5SCDB00AXX
363-005-184	2	AUB21 (RT) Alarm Display Unit — 5SCS800BXX	Ⓐ363-005-208	1	ED-7C10-30 Alarm Network Module - 5SPQAAS

Number	Issue	Subject	Number	Issue	Subject
363-005-216	3	3A Ringing Generator 5SCB600DXX	363-005-241	1	AUG2 Ring Switch Unit — 5SCBA30GXX
363-005-217	1	39E Channel Fuse Unit 5SCB400CXX	363-005-242	1	AUG3 Ring Control Unit — 5SCBM00GXX
363-005-218	2	39F Line Fuse Unit 5SCB500CXX	363-005-243	2	AUG4 Battery Interface Unit — 5SPQ10P (AUG4) and 5SPQBNAAA (AUG4B) (2-93)
363-005-219	3	40D Bank Fuse Unit 5SCB300BXX	363-005-244	1	3H1 Ringing Generator — 5SCBPEO
363-005-220	3	336A () Power Unit (Rectifier) 5SCB723	363-005-246	1	AUB60 XTC Power Converter Unit
363-005-221	4	337A () Battery Charger 5SCB804	363-005-247	2	MC97734-01 XTC Controller Unit
363-005-222	3	ED-7C613-30, G3 Load Distribu- tion Unit 5SCB10AAAA	363-005-248	1	AUB62 XTC Alarm Display Unit
363-005-223	2	3B () Ringing Generator	363-005-249	1	AUB63 XTC Data Link Unit
363-005-224	1	AYK1 Circuit Pack — 5SPQAAAAXX	363-005-250	3	AUB65 XTC Test Unit "D"
363-005-225	1	AYK2 Circuit Pack — 5SPQAABAXX	363-005-251	1	AUB66 XTC Fan-Out Unit
363-005-226	3	3C Ringing Generator — 5SCB600DXX	363-005-252	1	AUB67 XTC Test Unit "C"
363-005-227	2	CS787B540 Power Unit (Rectif- ier) — PWPQ88CAXX	363-005-253	1	AUB68 XTC Test Unit "B"
363-005-228	1	AUA114 Channel Fuse Unit — 5SCB4BO	363-005-254	1	AUB69 XTC Composite Clock Unit
363-005-229	2	AUA115 Line Fuse Unit — 5SCB5BO (3-93)	363-005-255	1	AUB63B XTC Data Link Unit — 5SXT320AXX
363-005-230	1	AUG11 Bank Fuse Unit — 5SCB3BO	363-005-256	1	MC97761A1 XTC Controller Unit — 5SXTA20BXX
363-005-231	3	AUA78 T1 Line Fault-Locate Test Adapter — 5SCSJ40AXX	363-005-260	2	AUA400 (RT) Channel Unit — SC2DS0 5SCF410CXX
363-005-232	1	AUA79 T1 Line Fault-Locate Test Adapter — MAT/ICOT Ca- ble 5SCSJ300AXX	363-005-261	2	AUA401 (RT) Channel Unit — SC4DS0 5SCF420CXX
363-005-233	3	AUA80 Line Test Adapter 5SCSK00AXX	363-005-262	4	SLC-2000 MSDT AYB1B Optical Unit — 5SCF240
363-005-234	2	505A Adapter 5SCSL00DXX	363-005-263	2	ASH1 Power Converter Unit — 5SCF150AXX
363-005-235	1	52A Test Extender — 5STE430CAA	363-005-264	2	ASJ1 Channel Unit — 5SCF530DXX
363-005-236	1	47A Test Extender — 5STE210BAA	363-005-265	2	AUA402 (RT) Alarm/Fan Control Unit — 5SCF300CXX
363-005-237	1	47B Test Extender — 5STE2409BAA	363-005-266	2	AUB71 Transmission Multiplexer Unit — DCU51AABXX AUA403 (RT) Test Channel Unit
363-005-238	2	950A Test Set — 5STYEA00DAA	363-005-267	2	AUA404(RT) Channel Unit — SC2DSO 5SCF410
363-005-239	1	AUA7 Line Test Unit SLC5 Series Carrier System	363-005-268	2	AUA405(RT) Channel Unit — SC4DSO 5SCF420
363-005-240	1	AUG1 Positive Ringing Unit — 5SCB900GXX	363-005-269	2	ASJ2 Channel Unit — 5SCF53C
			363-005-270	2	EAF1 Drop Test Module — 5SPQAAN
			363-005-271	2	SLC Series 5 Carrier System BYB1B Optical Unit — 5SCT300 (3-94)

Number	Issue	Subject	Number	Issue	Subject
Ⓐ363-005-272	2	SLC Series 5 Carrier System MC97780A1 Backplane Interface Unit — 5SCT420 (3-94)	Ⓐ363-005-290	1	SLC-2000 MSDT AUA426 Power Interface Unit — 5SPQABY (3-94)
Ⓐ363-005-273	2	SLC Series 5 Carrier System AUA406 (RT) MSDT Server 6 to 24 DS0 — 5SCF660 (3-94)	Ⓐ363-005-291	1	SLC-2000 MSDT AUA427 Power Converter Unit — 5SPQABZ (3-94)
Ⓐ363-005-274	2	SLC-2000 MSDT AUA408 (RT) MSDT 12-24 DS0 — SAIUMBO (3-94)	Ⓐ363-005-292	1	SLC-2000 MSDT AUA428 Limited Output Source Unit (LOSU) (3-94)
Ⓐ363-005-275	2	SLC Series 5 Carrier System AUA411 Channel and Drop Test Unit — 5SPQAA3 (3-94)	Ⓐ363-005-293	1	SLC-2000 MSDT AUA424 Power Interface Unit 5SPQABX
Ⓐ363-005-276	2	SLC Series 5 Carrier System AUA412 Power Converter Unit — 5SPQAAAX (3-94)	Ⓐ363-005-294	1	SLC-2000 MSDT AUA422 Power Converter Unit — 5SPQABW (3-94)
Ⓐ363-005-277	2	SLC Series 5 Carrier System AUA413 Ringing Generator Unit — 5SPQ10S (3-94)	Ⓐ363-005-295	1	SLC-2000 Access System SPQ®909 LP-POTS Channes Unit SAC1A00 (7-94)
Ⓐ363-005-278	2	SLC Series 5 Carrier System AUA414 Power Interface Unit — 5SPQAAW (3-94)	Ⓐ363-005-296	1	SLC-2000 MSDT AYB5 Optical Unit — 5SCFE006AA (6-94)
Ⓐ363-005-279	2	SLC Series 5 Carrier System AUA415 Power Interface Unit — 5SPQAA6 (3-94)	Ⓐ363-005-297	1	SLC-2000 MSDT BYB5 Optical Unit — 5SCTD00AAA (6-94)
Ⓐ363-005-280	2	SLC Series 5 Carrier System AUA416 Power Interface Unit — 5SPQAAZ (3-94)	363-005-298	1	SLC-2000 MSDT AUA434 Power Interface Unit — 5SPQACB (12-94)
Ⓐ363-005-281	2	SLC Series 5 Carrier System AUA417 Power Converter Unit — 5SPQAA1 (3-94)	363-005-299	1	SLC-2000 MSDT AUA436 Power Interface Unit — 5SPQACC (12-94)
Ⓐ363-005-282	2	SLC Series 5 Carrier System AUA418 Limited Output Source Unit (LOSU) — 5SPQ10X (3-94)	SLC-2000 Access System		
Ⓐ363-005-283	2	SLC Series 5 Carrier System AUA419 Shelf Common Unit — 5SPQAA2 (3-94)	Ⓐ363-005-300	2	AUA141 4-Wire Special Service Channel Unit — 5SCU7DZ
Ⓐ363-005-284	1	SLC-2000 MSDT BYB2 T1/DSX Line Interface Unit — SAC1MB0 (3-94)	Ⓐ363-005-301	1	AUA142 2-Wire E SPOTS Channel Unit — 5SCU69Z
Ⓐ363-005-285	1	SLC-2000 MSDT AUA423 Ringing Generator Unit — 5SPQABL (3-94)	Ⓐ363-005-302	1	AUA152 Office Channel Unit (OCU) Dataport — 5SCU48Z
Ⓐ363-005-286	1	SLC-2000 MSDT AYB2 Power Converter Unit — LFOCHE0 (3-94)	Ⓐ363-005-303	3	AUA158 (RT) POTS Channel Unit (12/94)
Ⓐ363-005-288	1	SLC-2000 MSDT SPQ®808 (RT) MSDT Server 12 or 24 DS0 — SAIUMBF (3-94)	Ⓐ363-005-304	3	AUA159 (RT) SPOTS Channel Unit (12/94)
Ⓐ363-005-289	1	SLC-2000 MSDT MC97789A1 Backplane Interface Unit — 5SCT420 (3-94)	Ⓐ363-005-305	1	AUA161 DA1 Line Interface Unit — 5SL1100 (12-92)
			Ⓐ363-005-306	1	AUA162 DS1 Line Interface Unit — 5SL110C (12-92)
			Ⓐ363-005-307	1	AUA163 Elastic Memory Unit — 5SL1400 (12-92)
			Ⓐ363-005-308	1	AUB101 Flash Memory Unit — 5SCI200 (12-92)
			363-005-309	1	AUA176 Line Test Translator — 5STEF00 — Data Sheet (6-92)

Number	Issue	Subject
Ⓢ363-005-310	1	ED-7C719-30, Group 1 Line Test Fanout Unit — 5SMYAAD — Data Sheet (6-92)
Ⓢ363-005-311	1	AUA179(RT) ALIC5 Channel Unit — 5SCIHW9 (6-93)
363-005-312	1	SLC Series 5 Carrier System AUA232 DSU Dataport
363-005-313	1	AUA200 Datapath Extension DPX Channel Unit (7/94)
363-005-314	1	SLC Series 5 Carrier System AUA178 (RT) C-POTS Channel Unit (7-94)
363-005-315	1	SLC Series 5 Carrier System AUA180 () Remote Provisioning Unit (2-95)
363-005-316	1	SLC-2000 MSDT AYB7 Cut-Through Board Circuit Pack (2-95)
363-005-317	1	SLC-2000 MSDT BYB7 Digital Signal Translator (DST) Circuit Pack (2-95)
363-005-318	1	SLC-2000 MSDT BDJ241 FSM Power Circuit Pack (2-95)
363-005-319	1	SLC-2000 MSDT BDJ242 FSM DSX Circuit Pack (2-95)
363-005-320	1	SLC-2000 MSDT BDJ243 FSM MUX Circuit Pack (2-95)
363-005-321	1	SLC-2000 MSDT BDJ244 FSM Optical Unit (2-95)
363-005-368	1	SPQ® 400 (RT) POTS Channel Unit — SA1AAAA (11-92)
363-005-369	3	SLC-2000 Access System SPQ® 440 () RT SPOTS® Channel Unit (10-94)
363-005-377	1	SLC-2000 Access System SPQ® 478 (RT) C-POTS Channel Unit (8-94)
363-005-380	1	SLC-2000 Access System SPQ®300 (COT) Quad POTS Channel Unit — SAC1ACF (9-94)
363-005-381	1	SLC-2000 Access System SPQ®340 (COT) Quad SPOTS® Channel Unit — SAC1ADF (9-94)
363-005-382	1	SLC-2000 Access System SPQ®442 2-Wire Special Services E SPOTS® Channel Unit (12-94)

Number	Issue	Subject
363-005-383	1	SLC-2000 Access System SPQ®443 2-Wire Special Services E SPOTS® Channel Unit (12-94)
363-005-384	1	SLC-2000 Access System SPQ®450 (RT) ALIC5 Channel Unit (10-94)
363-005-385	1	SLC-2000 Access System SPQ®444 4-Wire Current Sink Special Services Channel Unit (3-95)
363-005-386	1	SLC-2000 Access System SPQ®454 4-Wire E&M Special Services Channel Unit (3-95)
363-005-400	1	SLC-2000 MSDT MC97793A1 Backplane Interface Unit (BIU) (12-94)

363-099 Customer Information Releases (CIRs)

363-099-003MG	1	Clarification of Time Assignment Unit (TAU) Traffic Monitoring Functions, Transmission Systems
363-099-005TD	1	Frequency Selective Ringing Channel Units for the SLC Carrier System, Loop Electronics
363-099-012MA	1	SLC 96 Carrier System Update: SLIM Applications, Loop Electronics
363-099-014MA	1	SLC 96 Carrier System Update, Loop Electronics
363-099-016MG	1	SLC 96 Carrier System Update Turn-Up Test of 3B Battery Charger, Series 2, Loop Electronics
363-099-019IR	1	Single Mode Capability for Current D52 Fiber SLC Carrier Hardware Using the WP40 OLIU, Loop Electronics
363-099-030IR	2	SLIM (Subscriber Loop Interface Module) — Code Changes for Shelf and Circuit Packs, Loop Electronics
363-099-036IR	1	Special Service Channel Unit for SLC 96 Carrier System Application, Loop Electronics
363-099-039TD	1	SLC Series 5 Carrier Extended Test Controller (XTC), Loop Electronics
363-099-042IR	1	7.5 kHz Program Channel Units, Loop Electronics

Number	Issue	Subject	Number	Issue	Subject
363-099-050IR	1	WP74 Power Units for SLC 96 Carrier System Application, Loop Electronics	363-099-070MA	1	SLC Series 5 Carrier System AUA43 E SPOTS Channel Unit Crosstalk, Loop Electronics
363-099-052IR	1	SLC Series 5 Carrier System — Digital Connectivity Unit Feature — Loop Electronics	363-099-071MA	1	Fuse Problem in 51A-Type Cabinets, Loop Electronics
363-099-053IR	1	SLC Series 5 Carrier System — Feature Package D (FPD); Low-Bit-Rate Voice (LBRU), Loop Electronics	363-099-072MA	1	SLC Series 5 Carrier System Bank Control Unit Upgrades, Loop Electronics
363-099-056IR	1	Use of SLC Series 5 Carrier System E SPOTS Channel Units for DID Services, Loop Electronics	363-099-073IR	1	SLC Series 5 Carrier System Multiparty Channel Units, Loop Electronics
363-099-057IR	2	New SLC Series 5 Carrier POTS and SPOTS Channel Units — Loop Electronics	363-099-074IR	1	SLC Series 5 Carrier System Frequency Selective Ringing Multiparty Channel Unit, Loop Electronics
363-099-058IR	1	SLC Series 5 Carrier System Direct Inward Dialing (DID) Channel Units — Loop Electronics	363-099-075MG	1	SLC Series 5 Carrier System 51- and 80-Type Cabinet Door Alarms, Loop Electronics
363-099-059IR	1	SLC Series 5 Carrier System Coin Channel Units — Loop Electronics	363-099-076IR	1	SLC Series 5 Carrier Systems ED7C700 Cable Assembly, Loop Electronics
363-099-060IR	1	52A Channel Unit Test Extender for the SLC Series 5 Carrier System — Loop Electronics	363-099-077IR	1	Rural Electrification Administration (REA) - D4 Channel Bank, SLC 96 Carrier System, and DDM-1000 Dual DS-3 Multiplexer, Loop Electronics
363-099-061IR	1	Discontinued Availability of SLC Series 5 Carrier System Plug-In Codes — Loop Electronics	363-099-078MA	1	SLC Series 5 and SLC 96 Carrier Systems — Extended Test Controller (XTC) and 5ESS® Switch Compatibility, Loop Electronics
363-099-062NP	1	SLC Series 5 Carrier System Fiber-to-the-Home Feature — Loop Electronics	363-099-079IR	1	SLC 96 Carrier Systems — Availability of WM1E Transmit/Receive Unit, Loop Electronics
363-099-063IR	1	SLC Series 5 Carrier Dual Ringing Repeater Unit — Loop Electronics	363-099-080IR	1	SLC Series 5 Carrier System EBS (Enhanced Business) (P-Phone) Channel Offering, Loop Electronics
363-099-064MA	1	SLC Series 5 Carrier System Feature Package B Bank Control Unit Upgrade — Loop Electronics	363-099-081MA	1	Barcode Label Error on DDM-1000 Circuit Pack, Loop Electronics
363-099-065MA	1	SLC Series 5 Carrier System Fault Locate Test Adapter (AUA78) — Loop Electronics	363-099-082IR	1	New SLC 96 Carrier System Circuit Packs, Loop Electronics
363-099-066IR	1	SLC 96 Carrier System F-62115 Data Link Unit — Loop Electronics	363-099-083IR	1	SLC Series 5 Carrier System Craft Interface Unit Quick Reference Card, Loop Electronics
363-099-067IR	1	7A REG Upgrade to 7B REG, Loop Electronics	363-099-084IR	1	SLC 96 Carrier System — Availability of WN9C Data Link Unit, Loop Electronics
363-099-069IR	1	Discontinued Availability of Equipment for DCLU 5, Loop Electronics	363-099-085NP	1	SLC Series 5 Carrier System Enhanced Feature Package B, Loop Electronics

Number	Issue	Subject
363-099-086IR	1	SLC Series 5 Carrier System Centralized Operations and Provisioning, Loop Electronics
363-099-087MR	1	Problem with 336A (SER5 PU) Rectifier and 337A (SER4 PU) Battery Charger, Loop Electronics
363-099-088MA	1	SLC Series 5 Carrier System Alarm Display Unit — Fail, Near End Indications, Loop Electronics
363-099-089MG	1	Code Change for Screened 336A (Ser 5 PU) Rectifier and 337A (Ser 4 PU) Battery Charger, Loop Electronics
363-099-092NP	1	SLC Series 5 Carrier System INA-RT (Integrated Network Access-Remote Terminal), Loop Electronics
363-099-093MA	2	SLC 96 Carrier System — WP2C Series 4 SSU Common Unit Noise Problem, Loop Electronics
363-099-094IR	1	SLC Series 5 Carrier System — 3C Ringing Generator, Loop Electronics
363-099-095MA	1	SLC Series 5 Carrier System — AUA44 Channel Unit Noise, Loop Electronics
363-099-096IR	1	SLC Series 5 Carrier System — Extended Test Controller, Loop Electronics
363-099-097IR	1	DDM-1000 User's Manual, Loop Electronics
363-099-098IR	1	New SLC Series 5 Carrier BASE10 VerSUS* Network Channel Units, Loop Electronics
363-099-102IR	1	SLC Series 5 Carrier System Line Interface Units, Loop Electronics
363-099-104IR	1	SLC 96 Carrier System Line Interface Units, Loop Electronics
363-099-105TD	1	SLC Series 5 Carrier System — Integrated Network Access — Remote Terminal, Loop Electronics

Number	Issue	Subject
363-099-107IR	1	SLC Series 5 Carrier System Dual Private Line Automatic Ringdown Channel Unit, Loop Electronics
363-099-108IR	1	SLC Series 5 Carrier System Calling Line Identification With On-Hook Transmission
363-099-109IR	1	New SLC Series 5 Carrier AUA 90 T-BRITE ISDN Channel Unit, Loop Electronics
363-099-110MA	1	SLC Series 5 Carrier System Feature Package B - Bank Control Unit Upgrade (Issue 5), Loop Electronics
363-099-113IR	1	Discontinued Availability of 8A REG, Loop Electronics
363-099-114IR	1	Warranty Eligibility System for DDM-1000 Circuit Packs, Loop Electronics
363-099-115MA	1	SLC Series 5 Carrier System AUA41 Channel Unit Signaling Deficiency, Loop Electronics
363-099-117IR	1	SLC Series 5 Carrier System — XTC (Extended Test Controller), Loop Electronics
363-099-118IR	1	FT1 Series DS1 Electrical/Optical Converter, Loop Electronics
363-099-119IR	1	SLC Series 5 Carrier System Naming Conventions, Loop Electronics
363-099-120IR	2	SLC Series 5 Carrier Equipment 2A and 2B Fan Unit Applications, Loop Electronics
363-099-121IR	1	SLC Series 5 Carrier Brite II ISDN Channel Unit, Loop Electronics
363-099-122IR	1	UL* Listed Power Units and Ringing Generators for SLC Carrier Applications, Loop Electronics
363-099-123IR	1	SLC Series 5 Carrier System Testing and Power Minor Alarms With Mixed Feature Packages, Loop Electronics
363-099-124NP	1	UL* Listed SLC Series 5 Carrier System Remote Terminal, Loop Electronics

* VerSUS is a registered trademark of Base 10 (BT-Telecom, Inc.)

* UL is a registered trademark of Underwriters Laboratories, Inc.

Number	Issue	Subject	Number	Issue	Subject
363-099-125TD	1	Modifications to T-Carrier Small Cross- Section Repeater Shelf (SXSS), Loop Electronics	363-099-143MG	1	Loop Electronics — WESTERN ELECTRIC® Products — Automated Office-to-Office (OTO) Cutover Procedures - Converting Universal SLC Series 5 Carrier Systems to Integrated Feature Package B
363-099-126IR	1	FT1-DS1 Optical/Electrical Converter Shelf, Loop Electronics	363-099-144NP	1	SLC-2000 Multi-Services Distant Terminal (MSDT), Loop Electronics
363-099-127MA	1	FT1-SLC Series 5 Carrier System — AUA53 Channel Unit Coin Problem, Loop Electronics	363-099-145MG	1	SLC Series 5 Carrier Sticking Alarm Contacts, Loop Electronics
363-099-128MA	2	SLC ® Carrier Pair Gain Test Controller (PGTC) — SM87C Circuit Pack Incompatibility	363-099-146IR	1	SLC Series 5 Carrier System 80E Community Service Cabinet and Bulk Power Plant, Loop Electronics
363-099-129TD	1	DS1 Extension Shelf, Loop Electronics	363-099-147IR	1	SLC Series 5 Carrier ALC AUA158 RT Pots and AUA159 RT POTS/SPOTS Dual Channel Units
363-099-130IR	1	New AUA150 POTS/SPOTS® Channel Unit for SLC Series 5 Carrier Systems, Loop Electronics	363-099-148IR	1	SLC Series 5 Carrier AUB3B Alarm Interface Unit
363-099-131NP	1	Fiber-to-the-Home Feature Enhancement Plan — Loop Electronics	363-099-149IR	1	4TO and 4ETO Circuit Design and Provisioning, Loop Electronics
363-099-132IR	1	DS1 SLC Series 5 Carrier System UL* Listed — 181B — Apparatus Mounting Battery Shelf, Loop Electronics	363-099-150IR	1	SLC Series 5 Carrier AUA34B DSO Dataport and AUA52B OCU Dataport Channel Units, Loop Electronics
363-099-135MG	1	SLC Carrier Line Interface Units — Compatible Line Code Settings — Loop Electronics	363-099-152IR	1	SLC Series 5 Carrier — MC97776A1 Bank Control Unit (BCU), Loop Electronics
363-099-136IR	1	SLC Series 5 Carrier Fiber-to-the-Home Feature Enhanced Testing Capability	363-099-153IR	1	SLC 96 Carrier System 1A Fuse and Filter Panel, Loop Electronics
363-099-137MA	1	SLC 96 Carrier Line Interface Unit (WN2D, WN4D) Deficiency	363-099-154IR	1	SLC® Series 5 Carrier System J1C182BD 20 Ampere — Power Plant — Loop Electronics
363-099-138MA	1	SLC Carrier Pair Gain Test Controller (PGTC) SM87C Circuit Pack Incompatibility	363-099-155MG	1	Feature Package D Cutover Procedures - Converting Feature Package D Remote Terminal (RT) to Feature Package B Integrated Mode 2 RT
363-099-139IR	1	New Fuse Units for the SLC Series 5 Carrier System, Loop Electronics	■ 363-099-156MG	1	Feature Package D Cutover Procedures Converting Feature Package D Remote Terminal to Feature Package B Integrated Mode 2 Remote Terminal
363-099-140IR	1	Warranty Extension for SLC Series 5 Carrier System and SLC Series 5 Fiber to the Home Plug-ins, Loop Electronics	363-099-157MG	1	SLC 96 Carrier System WN2D, WN4D Line Unit, Loop Electronics
365-099-141TD	1	The 90 Type Business Remote Terminal (BRT) Cabinet, Loop Electronics			
363-099-142MA	1	AUA62C, D — AUA64C, D Line Interface Units (LIU) Test Deficiency			

Number	Issue	Subject
363-099-158MA	1	SLC 96 Carrier System Fan Cord Assembly Potential Safety Condition
363-099-159IR	1	SLC Series 5 Carrier System Quick Reference Card Plug-In Option Settings
363-099-161NP	12/93	The BRT-2000 Access System

363-1 P1 Carrier Telephone System**363-100 Identification, Installation, and Connections**

363-100-100	3	Identification, General Description, and Use
363-100-101	1	Installation and Connections — General Information — Remote Terminal and Repeater
363-100-102	2	Installation and Connections — Remote Terminal
363-100-103	2	Installation and Connections — Repeaters

363-101 Adjustments and Maintenance — Central Office and Remote Terminal

363-101-100	2	General Information and Test Equipment
363-101-101	1	Preparation for Central Office Terminal
363-101-502	2	Central Office Terminal Tests — Transmitting
363-101-503	2	Central Office Terminal Tests — Receiving
363-101-504	1	Preparation for Remote Terminal
363-101-505	1	Remote Terminal Tests — Transmitting
363-101-506	4	Remote Terminal Tests — Receiving
363-101-507	1	Preparation for Connecting to Line
363-101-508	2	Abbreviated Adjustment Procedure
363-101-509	2	How to Locate Trouble

363-102 Adjustments and Maintenance — Repeaters

363-102-100	1	General Information and Test Equipment
363-102-501	1	Preparation for Repeater and Test Set

Number	Issue	Subject
363-102-502	2	Adjustments and Tests — High Group
363-102-503	2	Adjustments and Tests — Low Group
363-102-504	1	Preparation for Connecting to Line
363-102-505	1	Abbreviated Adjustment Procedure
363-102-506	2	How to Locate Trouble
363-102-507	1	Field Modification of 800AA Network Line Board and 386A Apparatus Case

363-103 System Line-Up and Maintenance

363-103-100	1	General Information and Test Equipment
363-103-501	1	Preparation for System Line-Up
363-103-502	1	Nonrepeated Systems Line-Up
363-103-503	1	Nonregulated Repeater Systems Line-Up
363-103-504	1	Regulated Repeater Systems Line-Up
363-103-505	1	How to Locate Trouble

363-104 Alternate System Line-Up

363-104-100	1	General Information and Test Equipment
363-104-501	1	Preparation
363-104-502	1	Nonrepeated Systems
363-104-503	1	Regulated Repeater Systems
363-104-504	1	Level Coordination
363-104-505	1	Table 1 — High-Group Repeater Input Power
363-104-506	1	Table 2 — High-Group Repeater Output Power
363-104-507	1	Table 3 — Temperature Correction for High-Group Output Power
363-104-508	1	Table 4 — High-Group Regulator Volts
363-104-509	1	Table 5 — Temperature Correction for Output Power at -40 F
363-104-510	1	Table 6 — Desired Low-Group Output Power
363-104-511	1	Table 7 — Low-Group Regulator Volts
363-104-512	1	Table 8 — Temperature Correction for Output Power

Number	Issue	Subject	Number	Issue	Subject
363-2 Metallic and Fiber Digital Carrier Systems			363-201-206	3	Installation Tests for Systems Using Frame-Mounted Remote Terminal
363-200 Testing, Recent Changes, and Subscriber Loop Multiplexer			363-201-207	1	Installation Tests for Systems Interfacing With M1-Type Multiplexers
Testing and Recent Changes			Addendum	1	
▲363-200-005	3	Integrated SLC Carrier Systems	363-201-215	2	Digital Line and Repeater Preservice Tests
Subscriber Loop Multiplexer			363-201-216	1	Active Fault-Locating System — ED-2C374 Active Fault-Locating Panel Turnup, Active Filter (1114/1115-Type) Preinstallation Tests, and Initial Fault-Locating Line and System Tests
Addendum	1		363-201-225	1	Line Repeater Preinstallation Tests
363-200-010	1	DCLU Integrated SLC Carrier System — General Information Manual	363-201-300	1	Channel and Drop Test Equipment — Description, Installation, and Trouble Procedure
363-200-100	3	Overall System Description	Addendum	1	
363-200-105	2	Control Terminal Description	▲363-201-400	2	Installation and Maintenance — Pair Gain Systems
363-200-110	2	Remote Terminal Description	363-201-500	4	Maintenance and Trouble-Locating for Systems Using Remote Terminal (RT) Cabinet
363-200-115	1	Digital Line Description	Addendum	1	
363-200-120	1	Order-Wire Circuit — Description, Operation, Installation, and Maintenance	363-201-501	2	Maintenance and Trouble-Locating for Systems Using a Remote Terminal Frame
363-200-205	3	Control Terminal Installation Procedures	363-201-502	1	Maintenance and Trouble-Locating for Systems Interfacing With M1-Type Multiplexers
363-200-210	4	Remote Terminal Installation Procedures	363-201-515	2	Digital Line Fault-Locating Procedures
Addendum	1		363-201-516	1	Digital Line Fault-Locating Tests and Procedures Using Active (1114- or 1115-Type) Filters
363-200-215	1	Digital Line Preservice Tests	363-202 SLC 96 and SLC 24 Carrier Systems, Light-guide Interconnections, and LM-Type Multiplexers		
363-200-505	1	Control Terminal Trouble Locating and Maintenance Procedures	Revision 1	12/94	
Addendum	1		363-202-000	3	SLC 96 Carrier System Ordering Guide
363-200-510	1	Remote Terminal Trouble-Locating and Routine Maintenance Procedures	Revision 1	12/94	
363-200-515	2	Digital Line Tests and Fault-Locating Procedures	363-202-010	1	SLC 96 Carrier System — Application and Planning Guide
363-200-520	1	Preinstallation	363-202-020	1	SLC 96 Carrier System PC Configuration
363-200-525	1	J87397A and B Power Supplies — Remote Repeater Power Feed Terminal			
363-200-530	1	Coin Telephone Installation and Trouble-Locating Procedures			
363-200-535	1	Four-Party Fully Selective Ringing Adapter — Description, Installation, and Maintenance			
363-201 SLC® 40 Carrier System					
363-201-100	4	General Description			
363-201-205	4	System Installation Tests for Systems Using a Cabinet-Type Remote Terminal			

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		363-202-525	2	SLC 96 Carrier System — Remote Power Feed Terminal (RPFT) — Description, Installation, and Maintenance
363-202-100	4	SLC 96 Carrier System — General Description — Pair Gain Systems	363-202-600	2	SLC 96 Carrier System — Installation of Shelves — Nonbulk Protected Remote Terminals
363-202-101	1	Lightguide Cable Interconnection Terminal (LCIT) — General Description	363-202-601	2	SLC 96 Carrier System — Remote Terminal Cabinet (AT-8908M) — Installation of Shelves
363-202-102	1	Lightguide Interconnection (Single-Fiber) — Cable and Connectors — Description and Use	363-202-602	3	SLC 96 Carrier System — Installation of Shelves — Bulk Protected Remote Terminals
363-202-103	1	LM23 Multiplexer — General Description — Loop Transmission Systems			
363-202-104	1	LM12 Multiplexer — General Description — Loop Transmission Systems	363-203 SLIM (Subscriber Loop Interface Module) and DCLU- 5 (Digital Carrier Line Unit-5)		
363-202-200	2	Fiber SLC 96 Carrier — General Description	SLIM		
363-202-214	2	Lightguide Cable — Preservice Testing	363-203-100	2	General Description
⊕363-202-300	5	Pair Gain Test Controller and Test Bus Control Unit — Description and Installation	Addendum	1	
▲363-202-400	4	SLC 96 Carrier System — Central Office Terminal — Pair Gain Systems	363-203-101	2	Installation and Maintenance
▲363-202-401	2	SLC 96 Subscriber Loop Carrier System — Remote Terminal — Pair Gain Systems	DCLU-5		
Addendum	1		363-203-110	1	Digital Carrier Line Unit 5 — General Description
▲363-202-402	2	SLC 96 and SLC 24 Carrier Systems — Channel Unit Installation	363-204 SLC 24 Carrier System and Fiber SLC 24 Carrier		
▲363-202-403	1	Fiber SLC 96 Carrier System — Central Office Terminal, DS2 Optical and DS2 Electrical	363-204-100	1	General Description
▲363-202-404	1	Fiber SLC 96 Carrier System — Remote Terminal DS2 Optical and DS2 Electrical	▲363-204-200	1	Fiber — General Description — Loop Transmission Systems
▲363-202-405	2	LM23 Multiplexer (Single and Multimode) — Acceptance, Installation, and Maintenance	363-204-400	1	Installation and Maintenance
▲363-202-406	1	Fiber SLC 96 Carrier — System Turn-up Procedures — LM23 Multiplexer Facility	363-205 SLC Series 5 Carrier System		
▲363-202-407	1	LM12 Multiplexer — Acceptance, Installation, and Maintenance	Revision 1	1	
▲Addendum	1		⊕363-205-000	4	SLC Series 5 Carrier System Ordering Guide (9-93)
▲363-202-500	2	SLC 96 Carrier System — Maintenance Loop Transmission System	Appendix 1	5	Quick Reference Ordering Guide (10-93)
			⊕363-205-002	D	Fiber-To-The-Home Feature — User's Manual
			⊕363-205-003	1	SLC-2000 Multi-Services Distant Terminal Feature — Applications, Planning, and Ordering Guide (11-93)
			⊕363-205-004	4	SLC-2000 Multi-Services Distant Terminal Feature — User/Service Manual (3-95)

Number	Issue	Subject	Number	Issue	Subject
⊕363-205-010	3	Applications and Planning Guide — Loop Transmission Systems (6-94)	363-205-112	1	SLC 5 Operations Interface 1.0 — Administration Guide
⊕363-205-011	2	UL Listed Remote Terminal Installation	⊕363-205-113	1	SLC Series 5 Carrier System — AUA94 U-DSL ISDN Channel Unit — Installation and Maintenance (10-93)
363-205-015	2	SLC Series 5 Pocket Reference (12-94)	363-205-115	2	SLC Series 5 Carrier System — Quick Reference Card Plug-In Option Settings
363-205-020	3	PC Configurator	363-205-116	1	SLC Series 5 Carrier System Feature Package C (FPC) with Autocut (FPC/AC) Brite II Channel Unit Installation and Maintenance (6/94)
■ 363-205-031	2	SLC 5 Kit Table of Contents Volume 1	⊕363-205-300	2	Extended Test Controller — Description, Turnup, and Maintenance
363-205-032	2	SLC 5 Kit Table of Contents Volume 2	⊕363-205-400	4	Central Office Terminal — Acceptance and Turnup
363-205-033	2	SLC 5 Kit Table of Contents Volume 3	Revision 1	11/93	
363-205-034	2	SLC 5 Kit Table of Contents Volume 4	⊕363-205-401	6	Remote Terminal — Acceptance and Turnup Loop Transmissions System (11-93)
363-205-035	1	SLC 5 Kit Table of Contents Volume 5	▲Appendix A	1	SLC Series 5 Carrier System — Quick Reference Card for Cabinet/Frame Power Up
Addendum	1		▲Appendix B	1	SLC Series 5 Carrier System — Quick Reference Card RT Plug-in Option Settings
363-205-100	4	General Description	▲Appendix C	1	SLC Series 5 Carrier System — Quick Reference Card RT Turn Up
363-205-101	3	Craft Interface Unit — Description	⊕▲Revision 2	11/93	
363-205-102	2	J99404TA CIU Quick Reference Guide (12-92)	⊕▲Revision 1	6/93	
⊕363-205-103	2	Centralized Operations and Provisioning — Installation, Test, and Maintenance	⊕▲Addendum	1	
⊕363-205-104	1	Integrated Network Access — Remote Terminal — User's Guide	⊕▲363-205-402	4	Channel Unit Installation (4-92)
⊕363-205-105	2	SLC Series 5 LTU/LTC User's Manual	⊕▲Revision 1	11/93	
⊕363-205-106	1	T-BRITE Channel Unit for ISDN — Installation and Maintenance	⊕▲363-205-406	5	End-to-End System Tests
⊕363-205-107	1	AUA93 BRITE II Channel Unit for ISDN — Installation and Maintenance	⊕▲363-205-500	4	Maintenance and Trouble Clearing
⊕363-205-108	1	SLC Series 5 Carrier System Automated Office-to-Office Cutover Procedure	⊕▲Appendix 1	1	Maintenance and Trouble Clearing (11-93)
⊕Addendum	2				
363-205-109	1	Line Test Translator and Line Test Fanout Unit — User's Guide (1-92)			
363-205-110	1	Cable Measurement Method For Determining Provisioning Settings For Special Service Channel Units			
363-205-111	1	SLC 5 Operations Interface 1.0 — User's Guide			

363-206 Multiplexers and Networks

DDM 1000

Revision 2 6B

Revision 1 6A

⊕363-206-100 6 DDM 1000 Dual DS3 Multiplexer — Loop and Trunk — User/Service Manual (3-93)

Number	Issue	Subject
■ 363-206-100AC	2	Dual Digital Multiplexer
■ Appendix 1AC	2	Description
■ Appendix 2AC	2	Planning Guidelines
■ Appendix 3AC	2	Specifications
■ Appendix 4AC	2	Installation and Maintenance

DDM Plus

⊕Addendum	1	
⊕363-206-150	3	DDM-Plus User/Service Manual (1-92)
⊕363-206-151	1	DDM-Plus — Installation Manual
⊕363-206-152	3	DDM-Plus Quick Reference Guide (2-93)
363-206-154	1	DDM-Plus Wall Distant Terminal Installation Manual
⊕363-206-156	2	DDM-Plus Equipment Engineering and Ordering Guide (2-93)
⊕363-206-157	2	DDM-Plus ED-8C730-33 Wall Distant Terminal — Installation Manual (12-92)
363-206-160	1	DDM-Plus Planing Tool (10-92)

DDM 2000

⊕363-206-200	6	DDM-2000 Network Multiplexer Applications, Planning and Ordering Guide (2-95)
⊕363-206-201	5	DDM-2000 OC-3 Multiplexer — System Commands Quick Reference
⊕363-206-202	5	DDM-2000 OC-3 Multiplexer — Releases 2, 3, 5, 6, and 7 — User/Service Manual (3-94)
⊕363-206-204	5	DDM-2000 OC-3 Multiplexer — Installation Manual — Releases 2, 3, 5, 6, and 7 (5-94)
⊕363-206-206	3	OC-12 Commands Quick Reference Guide
Revision 3A	6/94	
⊕363-206-207	3	DDM-2000 OC-12 Multiplexer — User/Service Manual — Releases 1, 2 and 3 and Regenerator Releases 1 and 2 (2-94)
⊕363-206-208	3	DDM-2000 OC-12 Multiplexer — Installation Manual (12-92)
⊕363-206-209	1	DDM-2000 OC-3 Software Release Description R2/2.1
⊕363-206-220	5	DDM-2000 OC-3 Multiplexer — Circuit Pack Options Job Aid

Number	Issue	Subject
⊕363-206-222	2	DDM-2000 Job Aid
⊕363-206-223	1	DDM-2000 Regenerator Commands
363-206-260	1	DDM-2000 Planing Tool (10-92)

DDM-2000 Fiber Reach

363-206-300	1	DDM-2000 Multiplexer — Fiber Reach — Application, Planning, and Ordering Guide (1-95)
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363-207 SLC 120 Network Access System

Addendum	2	
363-207-001	4	Description, Application, and Engineering Manual (9-92)
Addendum	1	
363-207-002	3	Operation and Maintenance Manual
Addendum	1	
363-207-003	3	SLC 120 Network Access System — Installation Manual
Revision 1	2/95	
363-207-004	2	SLC 120/240 Network Access System — Integrated SITA System User's Guide (12-94)
363-207-011	3	SLC 240 Network Access System — Customer Information Manual (12-94)
363-207-012	3	SLC 240 Network Access System — Turnup and Maintenance Manual (12-94)
363-207-013	1	SLC 240 Network Access System — Installation Manual

363-208 SLC-2000 Access System

⊕363-208-000	4	SLC-2000 Access System — Applications, Planning and Ordering Guide (5-95)
⊕363-208-001	6	SLC-2000 Access System — User/Service Manual (12-94)
Appendix 1	2	DDM-2000 OC-3 Multiplexer and SLC-2000 OC-3 SONET Subsystem — System Commands Quick Reference (10-93)
Appendix 2	2	DDM-2000 OC-3, OC-12 Multiplexer, and SLC-2000 SONET Subsystem — Circuit Pack Options Job Aid (10-93)

Number	Issue	Subject	Number	Issue	Subject
Appendix 3	2	SLC-2000 Access System — Quick Turnup Job Aid (10-93)	363-301 SLC 8 Carrier System		
Appendix 4	2	SLC-2000 Access System — Turnup and Maintenance Job Aid (10-93)	363-301-100	2	General Description
363-208-003	5	SLC-2000 Access System — Command and Message Manual (4-95)	▲Addendum	1	
363-208-006	2	SLC-2000 Access System — DLC Subsystem — Software Release Description — Release 2.00.03 M:1111 — (TR8 MODE 1) (MC97790A1, I3:3) (10-93)	▲363-301-400	2	Installation and Maintenance
363-208-007	2	SLC-2000 Access System — DLC Subsystem — Software Release Description — Release 2.00.03 M:1222 — (Mixed Mode — TR8 MODE 1 and TR8 MODE 2) MC97791A1, I3:3)	363-301-525	1	Remote Power Feed — 231 Remote Power Feed Terminal (RPFT) — Description, Installation, and Maintenance
363-208-008	2	SLC-2000 Access System — DLC Subsystem — Software Release Description — Release 2.00.03 M:2222 — (TR8 MODE 2) (MC97791A1, I2:2)	363-4 Single-Channel Carrier Systems		
363-208-010	3	SLC-2000 Access System — Customer Assembly Manual for RT Frames (8-94)	363-400 SLC 1 Carrier System		
363-208-011	2	SLC-2000 Access System Customer Assembly Manual for COT Frames (7-94)	363-400-100	2	General Description
363-208-015	1	SLC-2000 Access System — Human Interface to the Integral Test Head (ITH) (6-93)	Addendum	1	
363-3 Analogue Carrier Systems			363-400-300	1	Central Office Installation and Testing
363-300 KS-20988 Multichannel Subscriber Carrier System			363-401 Data SLC Carrier System		
363-300-100	1	Description	363-401-100	1	Local Area Data Transport (LADT) Network — General Description
363-300-205	1	Central Office Terminal — Installation and Preservice Tests	363-7 Pair Gain Systems		
363-300-300	1	General Maintenance Plan	363-700 LSS (Loop Switching System)		
363-300-305	1	Central Office Terminal — Trouble Tests and Procedures	363-700-100	1	Overall Description
363-300-310	1	KS-20988 — Repeated Line and Subscriber Terminal — Trouble Tests and Procedures	363-700-200	1	Installation and Testing Procedures
			363-700-500	1	Maintenance and Trouble-Locating Procedures
			363-701 No. 10A RSS (No. 10A Remote Switching System)		
			363-701-215	1	Digital Line Preservice Tests
			363-701-216	1	Active Fault-Locating and Order Wire Systems — Fault-Locating and Order Wire Panel Installation, Turnup and Tests
			363-701-515	1	Digital Line Fault-Locating Procedures Using Passive (598 or 1068) Filters
			363-701-516	1	Digital Line Fault-Locating Tests and Procedures Using Active (1114- or 1115- Type) Filters

Division 364AC

Submarine Cable Systems

Distribution of this index is limited. It can be ordered individually as 364-000-000AC.

Division 365

Digital Transmission Systems

365-0 Index, Record Cards, Equipment Test Lists, Data Sheets, and General Information

- 000 Index and Record Cards
- 001 Equipment Test Lists
- 005 Channel Unit Data Sheets — D4 and D5 Channel Banks
- 010/-020 Document Indexes and General Information — Digital Transmission Systems
- 030 Transport Provisioning
- 098 Customer Information Releases (CIRs)
- 099 General Distribution CIRs

365-1 D1, D3, and D4 Channel Banks, D5 Digital Terminal System, Wideband Data Terminals, and Facility Connectors

- 100 D1 Channel Bank
- 116 D1D Channel Bank
- 118 Wideband Data Terminals
- 150 D3 and D3B Channel Banks
- 170 D4 Channel Bank
- 180 Facility Connectors
- 181 Granger Transmux Facility Connector
- 190 D5 Digital Terminal System

365-2 T1, T1 Outstate (T1/OS), T1C, and T1D Digital Lines

- 200 T1 and T1 Outstate (T1/OS) Digital Lines
- 250 T1 Outstate (T1/OS) and T1C Digital Lines
- 271 T1C Digital Line and T1C Automatic Protection Switch
- 272 T1D Digital Line
- 285 T1G Digital Transmission System
- 287 BCM32000

365-3 Maintenance Facilities — Digital Access Cross-Connect System (DACS)

- 300 Cross-Connect Facilities and Lightwave Interconnection — DACS
- 301 DACS (Digital Access Cross Connect System)
- 305 IACS (Integrated Access Controller System)

-306 DACSCAN™-2000 Controller C-Module — Surveillance and Control System)

-307 DACSCAN™-2000 Controller T-Module — Surveillance and Control System)

-320 J98710-E T1 and T1 Outstate (T1/OS) Order-Wire Facilities

-325 J98725H T1, T1 Outstate (T1/OS), T1C, T1D, and T2 Order-Wire Facilities

-326 J98741() Optical Order Channel and Alarm Telemetry (OOCAT) System

-330 T-Carrier Administration System

-331 DACS III 2000 Release 2.0

-335 DACS III 2000 Release 2.0 NSD Supplement

-340 DACS IV 2000 (Release 2.1d Simplex)

-345 DACS IV-2000 (Release 2.1)

-352 DACS II

-353 DACS II Release 6.0

-359 DACS II ISX

365-4 D2 Channel Bank and Non-AT&T Digital Carrier Systems

-400 D2 Channel Bank

-456 Non-AT&T Digital Carrier Systems

365-5 High Speed/Lightwave Digital Lines/FT Series G

-500 T2 Digital Line

-550 T4M Digital Line

-560 FT3/FT3C/FTX-180 Lightwave Digital Line

-565 FT (Fiber Transmission) Series G Lightwave Systems

-571 T4M Span Terminating Frame

-575 FT-2000 Lightwave System

365-6 Digital Multiplexes, DS3 and DS4 Systems, FT3/FT3C/FTX-180 Facilities, and FT Series G

-600 M1-2 Digital Multiplex

-601 M13 Digital Multiplex

-602 MX3/MX3C Digital Multiplex, FT3/FT3C/FTX-180 Terminals, and MC-90/180 Maintenance Communication Facility

-603 M34 Digital Multiplex

-604 M1C Digital Multiplex

-605 M1C-A Digital Multiplex

-671 DS3 and DS4 Systems

-672 M1C Digital Multiplex

- 674 Lightwave Data Set
- 675 Lightguide MX3/MX3C/FTX-180 Digital Multiplex and FT3/FT3C/FTX-180 Line Repeater Station
- 680 DCO-PNI (Digital Central Office-Packet Network Interface) and FT (Fiber Transmission) Series G Terminal and Line Repeater Station
- 690 International Applications

365-7 DTV (Digital TV)

- 700 Codec Interim Design

365-8 T1 Carrier Systems

365-9 Digital Subscriber Lines

- 900 Asymmetrical Digital Subscriber Line (ADSL)

365-W WIPs (Workcenter Information Packages)

 NOTE:

Documents in this division carrying this symbol  are available in electronic form in 300-100-XXX.

Number	Issue	Subject
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365-0 Index, Record Cards, Equipment Test Lists, Data Sheets, and General Information

365-000 Index and Record Cards

365-000-000	52	Numerical Index Division 365 — Digital Transmission Systems (5-95)
Addendum	1	
365-000-010	3	Terminal and Repeated Line Central Office Record Cards

365-001 Equipment Test Lists

365-001-011	16	D Channel Banks by Frame
365-001-012	7	D Channel Banks by End Office
365-001-013	7	T1 Lines
365-001-014	6	T1C Lines
365-001-015	5	Digital Multiplex
365-001-016	4	T1 Outstate
▲365-001-017	5	Wideband Data
365-001-018	3	T2 LinesE
365-001-019	2	T4M Digital Line
365-001-020	1	T1D Lines

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365-005 Channel Unit Data Sheets — D4 and D5 Channel Banks		
365-005-000	1	D4 Channel Bank — Binder NOTE: Provides binder and all D4 Channel Unit Data Sheets Issued to Date
365-005-001	3	J98726BJ-2, L2; BJ-3, L3 2E&M9 Channel Unit D4CE200
365-005-002	2	J98726BT-2, L2 2E&M6 Channel Unit D4CE600
365-005-003	3	J98726BC-2, L2; BC-3, L3 4E&M Channel Unit D4CE100
365-005-004	4	J98726BP-2, L2; BP-3, L3 4E&MER Channel Unit D4CE120 (8-92)
365-005-005	1	J98726BA-4, L4, B DPO Channel Unit D4CD100
365-005-006	1	J98726BB-2, L2, B DPT Channel Unit D4CD200
365-005-007	1	J98726BH-3, L3 SDPO Channel Unit D4CD300
365-005-008	1	J98726BM-2, L2 B DPMO Channel Unit D4CD400
365-005-009	1	J98726BY-1, L1 4LSXO Channel Unit D4CL100
365-005-010	2	J98726BE-2, L2, B 2FXO Channel Unit D4CX200
365-005-011	1	J98726BD-3, L3, A 2FXS Channel Unit D4CX100
365-005-012	1	J98726BL-1, L1A 2FXOLS Channel Unit D4CX800
365-005-013	1	J98726BK-1, L1 A 2FXSLS Channel Unit D4CX700
365-005-014	2	J98726SK-2, L2; L2,T; L2,T, MODA 2FXO/GT Channel Unit D4CX401, 403
365-005-015	1	J98726SG-2, L2 2FXS/GT Channel Unit D4CX301
365-005-016	1	J98726SC-2, L2 4FXO Channel Unit D4CX611
365-005-017	2	J98726SB-2, L2 4FXS Channel Unit D4CX511
365-005-018	1	J98726SD-2, L2 2DX/GT Channel Unit D4CE331
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365-170-121	1	Security Channel Units — Station End and Office End — Channel Unit Description
365-170-122	1	15-kHz Program Channel Units — Description
365-170-123	1	Circuit Switched Digital Capability — Channel Units
365-170-140	1	J98726MP Channel Unit Extender — Description and Operation
365-170-150	1	Dataport Latching Loopback Procedure — Dataport Channel Units
▲365-170-200	1	Digital Data Bank (DDB) — Office Channel Unit (OCU) — Acceptance and Maintenance Procedures
365-170-201	2	Digital Data Bank — Description and Application Engineering
▲365-170-210	1	Digital Data Bank — Multipoint Junction Unit — Acceptance and Maintenance Procedures
Addendum	1	
▲365-170-220	1	Digital Data Bank — Substrate Multiplexer Unit — Acceptance and Maintenance Procedures
● 365-170-400	2	D4 Transmission Module — User's Manual (Covers all three cabinet versions)
● 365-170-400	3	D4 Transmission Module — User's Service Manual (Covers only 42" cabinet UL Approved)
365-170-410	1	NJ04002D-1 D4 Autoplex Transmission Module — Frame Mounted — Electromagnetic Compatibility Requirements

* Vidar is a registered trademark of California Microwave, Inc.

† Lenkurt is a registered trademark of Siemens Transmission Systems, Inc.

‡ Stromberg-Carlson is a registered trademark of Stromberg-Carlson Corporation

§ Wescom is a registered trademark of Rockwell Telecommunications, Inc.

¶ Lynch is a registered trademark of Lynch Communication Systems, Inc.

Number	Issue	Subject
365-170-501	1	15-kHz Program Channel Units — Alignment Procedures
365-170-502	3	D4 Channel Bank or SLC 96 Carrier System Terminal— AHG13, S2 BRITE Channel Unit for ISDN Applications \m Installation and Testing
365-170-503	2	D4 Channel Bank or SLC 96 Carrier System Terminal AHG18 and AHG28 Brite II Channel Units for ISDN Applications Installation and Testing
365-170-600	2	J98726JA TUI and J98726JB OIU-5 — Independent Digroup Timing — Circuit Packs
365-170-601	6	AHG9 Series 1; Series 2 LIU-3B Line Interface Unit — Bipolar Eight Zero Substitution — (B8ZS) Data Sheet
365-170-602	4	LIU-3ESF Line Interface Unit — Extended Superframe Format — Data Sheet
365-170-603	1	AHG12 OIU-4A Office Interface Unit Circuit Pack — Data Sheet
365-170-604	1	Integrated Low Bit Rate Voice (ILBRV) — Data Sheet
365-170-605	1	T1 Data Multiplexer (T1DM) Format Interface
365-170-606	2	J98726AL-3, L3, L4 A OIU-2 (Office Interface Unit 2) — Data Sheet
365-170-607	1	J98726AC-2, L2, A Alarm Control Unit (ACU) — Data Sheet
365-170-608	1	AHG34 Receive Unit (RU2) — Data Sheet — D4 Channel Bank
365-170-609	2	AHG35 LIU-3E2 — Data Sheet — D4 Channel Bank
365-170-610	2	AHG37 LIU-3E2 — Data Sheet — D4 Channel Bank
365-170-611	1	J98726AB-5 L7 Receive Unit(RU) — Data Sheet \m D4 Channel Bank

365-180 Facility Connectors

365-180-100	3	LT-1B — Description — Analog Multiplex Terminal Equipment
365-180-105	1	LT-2 Digital Transmultiplexer — Description

Number	Issue	Subject
365-181 Granger TRANSMUX Facility Connector		
TM7400		
■ 365-181-901AC	B	Support System — Description
TM7400-M2		
■ 365-181-905AC	1	L-to-F — General Description
■ 365-181-906AC	1	L-to-F — Acceptance and Alignment
■ 365-181-907AC	1	L-to-T — Maintenance
TM7450		
■ 365-181-908AC	1	Power Distribution and Fuse Panel
TM7400-M3		
■ 365-181-909AC	1	L-to-F — General Description
■ 365-181-910AC	1	L-to-T — Acceptance and Alignment
■ 365-181-911AC	1	L-to-F — Maintenance
TM7400-M4		
■ 365-181-912AC	1	Index
■ 365-181-913AC	1	General Description
■ 365-181-914AC	1	Specifications
■ 365-181-915AC	1	Functional Description
■ 365-181-916AC	1	Installation
■ 365-181-917AC	1	Initial Power-Up and Testing
■ 365-181-918AC	1	Terminal Operation — (Software Version 1.20)
■ Addendum AC	1	
■ 365-181-919AC	1	Controls and Indicators
■ 365-181-920AC	1	Troubleshooting
■ 365-181-921AC	1	Terminal Operation — (Software Version 1.20)
■ 365-181-922AC	1	GMAP for the TM7400-M2/M3 Applications
■ 365-181-923AC	1	GMAP for the TM7400-M4 Applications

365-190 D5 Digital Terminal System**Acceptance and Maintenance Tasks**

Addendum	1	
▲ 365-190-000	1	Acceptance and Maintenance Tasks — Generic 1.1 Software

Number	Issue	Subject	Number	Issue	Subject
▲365-190-025	1	D5 and D5S Digital Terminal System — Acceptance and Maintenance Tasks — Generic 2.1 and 2.5	365-200-101	8	Repeater Description
▲365-190-030	1	D5 and D5S Digital Terminal System — Acceptance and Maintenance Tasks (em Generic 3.0 R2 Software (10-91)	365-200-102	1	T1 Intra-Office Repeater — Description, Installation, and Maintenance
Description			365-200-103	3	J98713F Line Terminating Unit and ED-3C570-() Line Powering Auxiliary Unit — Description
365-190-100	6	D5 Digital Terminal System — Description	365-200-104	1	T1 Automatic Standby Unit — Description
365-190-120	2	AEK10B Digroup Formatter — Data Sheet — D5 Digital Terminal System (8-92)	365-200-105	3	J98710U Express Office Repeater Panel — T1 and T1/OS Digital Line — General Description, Initial Lineup, Tests, and Maintenance
User Manuals/Guides			365-200-106	2	Small Cross-Section Office Repeater Shelf — Description, Installation, and Maintenance — T1 Digital Line
365-190-204	1	Quick Reference Guide — Generic 2.1 and 2.5	365-200-107	2	DS1 Office Repeater Extension Shelf — Description, Installation, and Maintenance — T1 Digital Line
Addendum	2		365-200-160	3	T1 Outstate (T1/OS) Digital Line Fault- Locating System — Description and Operation
365-190-206	1	Input-Output Message Manual — Generic 3.0 Software	365-200-170	2	J98728 Span Terminating Module (STM) — General Description
365-190-207	1	D5 Digital Terminal System — Quick Reference Guide Generic 3	365-200-203	3	J98713F Line Terminating Unit and ED-3C570-() Line Powering Auxiliary Unit — Installation
365-2 T1, T1 Outstate (T1/OS), T1C, And T1D Digital Lines			365-200-204	1	T1 Automatic Standby Unit — Initial Tests
365-200/228 T1 and T1 Outstate (T1/OS) Digital Lines 1			365-200-300	3	T1 Digital Line — Installation and Initial Lineup Tests
365-200-001	1	231 M and N Office Repeater — Data Sheet — T1 Line Facility	365-200-301	1	208 Express Office Repeater Panel (208 EORP) — Initial Lineup, Tests, and Maintenance
365-200-002	1	J98725 DA-1 DS1 Extension Shelf — Data Sheet — T1 Carrier System	365-200-410	2	T1 Outstate — Line and System Maintenance — Considerations and Tests
365-200-003	1	231P(T1R1H0ADAA) Office Repeater— Data Sheet (9-92)	365-200-503	3	J98713F Line Terminating Unit and ED-3C570-() Line Powering Auxiliary Unit — Tests
365-200-004	1	AEK88(T1R2GBOKAA) Office Repeater— Data Sheets (9-92)	365-200-504	1	T1 Automatic Standby Unit — Trouble Location and Maintenance
365-200-005	1	AEK90(T1R2FBOKAA) Office Repeater— Data Sheets (9-92)	Addendum	1	
365-200-006	1	T1 Carrier System — AEK86(T1R2FAOKAC) Office Repeater — Data Sheet (8-92)	365-211-516	5	Pair-Loss Measurements — Using 113- Type Test Set
365-200-007	1	T1 Carrier System — AEK89 DSX Circuit Pack (9-93)			
365-200-100	10	T1 Digital Line — General Description			

Number	Issue	Subject	Number	Issue	Subject
365-211-517	2	J98710U Express Office Repeater Panel — Pair-Loss Measurements	365-272/280 T1D Digital Line		
365-211-518	2	Repeatered Line Cable Sections — Pair-Loss Measurements Using J98725AA Test Set	▲Addendum	1	
Addendum	1		▲365-272-000	1	Maintenance Tasks
365-221-500	9	Line Repeaters and Regenerators — Tests Using the J98710H Test Set	Addendum	1	
Addendum	1		365-280-100	3	General Description
365-222-200	6	Office Repeaters — Installation and Replacement	Addendum	1	
365-223-500	9	T1 Digital Line — Initial Span Line Powering	365-280-101	2	Repeater Description
365-224-500	5	Initial Overall Line Tests	365-287 BCM32000 (Bit Compression Multiplexer)		
365-224-600	3	T1 Outstate — Turnup Tests	365-287-100	3	Description, Installation, and Maintenance Manual
365-225-500	7	T1 Digital Line — Routine Maintenance Tests	365-287-110	3	X-Panded — Description, Installation, and Maintenance Manual
365-226-500	5	T1 Repeatered Line — Identification Plan and Line Patching Procedures	365-287-115	2	Solitaire — Description, Installation, and Maintenance Manual
365-228-500	4	Digital Data System Qualification Test Procedures	365-288 Integrated Access and Cross-Connect System		
365-250 T1 Outstate (T1/OS) and T1C Digital Lines			365-288-000	1	Applications and Planning Guide
Addendum	1		Appendix 1	A	Applications and Planning Guide
365-250-100	5	T1C Digital Line — General Description	■ Addendum	1	
Addendum	1		■ 365-288-001	1	Integrated Access Terminal — User's Manual
365-250-101	4	T1C Digital Line — Repeater Description	■ Addendum	1	
365-250-105	3	J98725J Express Office Repeater Panel (EORP) — Description, Operation, and Maintenance	■ 365-288-002	1	Integrated Access Controller — User's Manual
365-250-110	1	Lynch B302 — Electronic Span Line Switch (T1/OS)	■ Addendum	1	
365-250-120	2	T1C Automatic Protection Switch — Description	365-288-003	1	AT&T Integrated Access Terminal — Quick Reference Guide
365-271 T1C Digital Line and T1C Automatic Protection Switch			■ Addendum	1	
Addendum	2		■ 365-288-004	B	AT&T Integrated Access Controller — Quick Reference Guide
▲365-271-000	6	Acceptance and Maintenance Tasks	365-288-103	B	Integrated Access Terminal — Quick Reference Guide
			365-3 Cross-Connect and Maintenance Facilities — DACS		
			365-300/310 DACS — Cross-Connect Facilities and Lightwave Interconnection		
			■ 365-300-100AC	4	Transport And Service Terminating Equipment Implementation Methods and Procedures (8-93) Note: Available only online for NSD

Number	Issue	Subject	Number	Issue	Subject
DACS Promotions and Marketing					
365-300-900	--	DACS Promotional Package (contains items 365-300-901, -902, and -903)	365-301-120	1	800-Series and 900-Series DSX-1/1C Systems — Planning, Engineering, and Operation
365-300-901	1	DACS Mouse Pad	365-301-121	1	DIXI-1 System — System Reference Guide (11-94)
365-300-902	1	DACS 1995 Calendar	365-301-125	3	BANTAM PLUS™ DSX-1/1C System — Planning, Engineering, Installation, Operation, and Maintenance (2-94)
365-300-903	1	DACS Paper Pad	365-301-130	1	System III DSX-3/4 — Planning, Engineering, Installation, and Operation — System Reference Guide
365-301 DACS			Revision 1	12/94	
Reference			365-301-131	1	DIXI-3 System — Digital Interconnect and Cross-Connect System-3 — System Reference Guide (7-94)
365-301-003	2	DACS III-2000 (Digital Access and Cross-Connect System III) — Reference Manual	365-301-135	1	Digital Systems Access Bays — Installation And Operation
■ 365-301-003AC	1	DACS III-2000 — Reference Manual — Supplement	Installation		
365-301-004	3	DACS IV-2000 — Reference Manual	Addendum	1	
■ Supplement AC	1	DACS IV-2000 — Reference Manual	365-301-301	1	DSX-1 and DSX-1C Patch and Cross-Connect Bay — Retrofitting Procedures
■ 365-301-005	3	DACS II UL Listed Installation And Safety Instruction (7-94)	365-301-302	1	800-Series DSX — Transition Procedures
Description			365-301-310	1	Digital Access and Cross-Connect System — Retrofitting Procedures
365-301-100AC	1	SM 620 Subrate Multiplexer Data Sheet — Digital Access and Cross-Connect System	365-301-400	1	Customer Network Control (CNC) — User's Guide
365-301-101	7	DSX-1, DSX-1C, and DSX-2 Patch and Cross-Connect — General Description	365-301-401	3	CNC Console Operator Guide
365-301-102	1	800 Series DSX — General Description	365-301-410	B	DACS II Control Terminal — User's Guide
❶ 365-301-103	2	DSX-1/DSX-1C Bridging Repeater Panel — Description and Operation	365-301-411AI	1	DACS Controller — User's Manual
365-301-104	1	800PGY and 800PHY Blue Test Cords — Description and Applications	Ⓞ365-301-422	1	I-2000 Controller for DACS II Users Guide
365-301-105	1	800RGY and 800RHY Blue Test Cords — Description and Applications	Acceptance and Maintenance		
365-301-116	1	SRDC (Subrate Date Cross-Connect) Conversion Considerations — Digital Access and Cross-Connect System	365-301-501	5	Digital Access and Cross-Connect System — Acceptance and Company Order Tasks
❶ 365-301-117	2	DACS/SRDC Remote Memory Backup — Digital Transmission System — Description and Procedures	Addendum	1	
			365-301-502	4	Digital Access and Cross-Connect System — Trouble Clearing Tasks

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365-301-510	1	DCTN User Manual	■ Addendum	1	
365-301-521	2	Subrate Data Cross-Connect — Acceptance and Maintenance	■ 365-301-621	1	DACS II — Generics 3 and 4 (PDS) — Gateway Feature Operation and Maintenance Manual
365-301-541	2		■ Addendum	1	
Digital Access and Cross-Connect System (DACS)			■ 365-301-622	2	DACS II — Generics 3 and 4 (MML) — Gateway Feature — Operation and Maintenance Manual
365-301-601	2	DACS II Operation and Maintenance Manual	■ Addendum	2	
365-301-603	2	DACS II Input/Output Message Reference Manual (3 Vols.)	■ 365-301-631	3	DACS III-2000 — Operation and Maintenance Manual
365-301-605	1	Generic 2 (PDS) — Operation and Maintenance Manual	■ 365-301-631AC	1	DACS III — Operation and Maintenance Manual Supplement
365-301-606	1	Generic 2 (MML) — Operation and Maintenance Manual	■ 365-301-632	3	DACS III-2000 — Quick Reference Guide
365-301-607	1	Generic 2 (PDS) — Quick Reference Guide	■ 365-301-633	3	DACS III-2000 — Input/Output Message Reference Manual
365-301-608	1	Generic 2 (MML) — Quick Reference Guide	■ 365-301-633AC	1	DACS III-2000 — Input/Output Message Reference Manual Supplement
365-301-609	1	Generic 2 (PDS) — Input/Output Message Reference Manual	■ 365-301-641	3	DACS IV-2000 — Operation and Maintenance Manual
365-301-610	1	Generic 2 (MML) — Input/Output Message Reference Manual	■ 365-301-641AC	1	DACS IV-2000 Generic 2.0 — Operation and Maintenance Manual
■ Addendum	1		■ 365-301-642	3	DACS IV-2000 — Quick Reference Guide
■ 365-301-615	1	Generic 3 (PDS) Core — Operation and Maintenance Manual	■ 365-301-643	3	DACS IV-2000 — Input/Output Message Reference Manual — Generic 2.0 (2 Volumes)
■ Addendum AI	1		■ 365-301-643AC	1	DACS IV-2000 — Input/Output Message Reference Manual
■ 365-301-615 AI	1	DACS II — Generics 3 and 4 (PDS) — CEPT and Enhanced CEPT Features — Operation and Maintenance Manual	■ 365-301-650AC	2	DACS III-2000 — Administrative Requirements & Procedures
365-301-616	1	DACS II — Generics 3 and 4 (MML) — CEPT and Enhanced CEPT Features	Appendix 1AC	2	Space Plug-In Requirements — On-site
■ Addendum AI	1		Addendum	1	
■ 365-301-616 AI	2	DACS II — Generic 3 (MML) — CEPT and Enhanced CEPT Features — Operations and Maintenance Manual	■ 365-301-651	1	DACS II — Generic 3 (PDS) Input/Output Message — Reference Manual (3 Vols.)
■ 365-301-617	2	DACS II — Generic 3.1 (PDS) Subrate Feature — Operation and Maintenance Manual	■ 365-301-651 AI	1	DACS II — Generic 3 (PDS) — CEPT and Enhanced CEPT Features — Input/Output Message Reference Manual (3 Vols.)
■ 365-301-618	2	DACS II — Releases 3-5 (MML) Subrate Feature — Operation and Maintenance Manual	■ Addendum	1	
■ 365-301-619	2	DACS II — Releases 3-4 (PDS) — SLC® Carrier Features — Operation and Maintenance Manual	■ 365-301-652	1	DACS II — Generic 3 (MML) Input/Output — Reference Manual (3 Vols.)

Number	Issue	Subject	Number	Issue	Subject
■ 365-301-652 AI	1	DACS II — Generic 3 (MML) — CEPT and Enhanced CEPT Features — Input/Output Message Reference Manual (3 Vols.)	■ 365-305-002	7	AT&T IACS Cluster Monitor, Release 3.3 and Integrated Access Controller, Release 3.4 User's Guide (12-94)
■ 365-301-653	1	DACS II — Generic 3 (PDS) Subrate Feature — Input/Output Message Reference Manual	■ 365-305-005	7	Integrated Access Terminal — Release 3.4 — Command Reference (12-94)
■ 365-301-654	1	DACS II — Generic 3 (MML) Subrate Feature — Input/Output Message Reference Manual	365-305-006	1	IACS Release 3.0 Network Management Systems: IACS Cluster Monitor and Integrated Access Controller Command Reference
■ 365-301-655	1	DACS II — Generic 3 (PDS) SLC® Carrier Features — Input/Output Message Reference Manual	■ 365-305-025	1	IACS Software Release Description Generic 2
■ 365-301-656	1	DACS II — Generic 3 (MML) SLC Carrier Feature Input/Output Message Reference Manual	■ 365-305-027	1	IACS Software Release Description Release 2.0
■ 365-301-657	1	DACS II — Generic 3 (PDS) Gateway Feature — Input/Output Message Reference Manual	■ 365-305-030	3	AT&T Integrated Access and Cross-Connect System (IACS) — Product Description (12-94)
■ 365-301-658	B	DACS II — Generic 3 (MML) Gateway Feature — Input/Output Message Reference Manual	■ 365-305-050	1	AT&T IACS Cluster Monitor Software Release Description 3.0
■ 365-301-660AC	1	DACS IV — Administrative Requirements and Procedures	365-305-060	1	AT&T Integrated Access and Cross Connect System Release 3.1 — Documentation Upgrade Package
■ Appendix 1AC	1	DACS IV Spare Plug-in Requirements — On-site			
Lightguide Interconnect			365-306 DACSCAN™ 2000 Controller C-Module — Surveillance and Control System		
365-302-102	3	Lightguide Interconnection — Cables, Build-Outs, and Connectors — Description and Use	Ⓢ365-306-110	4	DACSCAN 2000 Controller C-Module R3.4 — User Service Manual
DS (Digital System) Facility Cross Connect			Ⓢ365-306-111	4	DACSCAN 2000 C-Module R3.4 Operation Administration and Maintenance Manual
■ 365-303-000AC	1	DS1 — Digital Systems Intra and Interexchange Facility Performance Requirements	365-307 DACSCAN™ 2000 Controller T-Module 24-Channel		
365-303-102	1	DSX-3 Cross-Connect — Description, Operation, and Maintenance	Ⓢ365-307-110	2	DACSCAN 2000 Controller T-Module — User Guide
365-305 IACS (Integrated Access Controller System)			Ⓢ365-307-111	2	DACSCAN 2000 Controller T-Module — Operations, Administration, and Maintenance Guide
■ 365-305-000	6	Integrated Access and Cross-Connect System — Release 3.4 — Applications and Planning Guide (12-94)	Ⓢ365-307-112	2	DACSCAN 2000 Controller T-Module R3.2 — Installation Guide
■ 365-305-001	7	Integrated Access Terminal — Release 3.4 — User's Guide (12-94)			

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365-320 J98710-E T1 and T1 Outstate (T1/OS) Order-Wire Facilities		
T1 Order-Wire		
365-320-100	2	Description
J98710-E Order-Wire Facilities		
365-320-300	4	Acceptance and Maintenance Tests
365-320-500	3	Operating Methods
365-325 J98725H T1, T1 Outstate (T1/OS), T1C, T1D, and T2 Order-Wire Facilities		
365-325-100	2	J98725H Order-Wire Facility — Description
365-326 J98741() Optical Order Channel and Alarm Telemetry (OOCAT) System		
365-326-100	1	Digital Transmission Systems — General Description
365-326-101	2	Optical Order Channel and Alarm Telemetry Facility — General Description
▲365-326-300	1	Facility Maintenance Tasks
365-330 T-Carrier Administration System		
365-330-100	4	General Description
365-330-110	4	Remote Office Equipment — Description
365-330-200	2	Remote Office Equipment — Turnup Procedures
365-330-201	3	Remote Office Equipment and Bridged Arrangements — Turnup Procedures
365-330-500	2	Remote Office Equipment — Maintenance and Trouble Location Procedures
365-331 DACS III 2000		
DACS III 2000 Release 2.0		
⊕365-331-000	2	Application, Planning, and Ordering Guide
⊕365-331-001	1	User/Service Manual
Addendum	2	
⊕365-331-002	1	Command and Message Manual (Message Set 1.2) (9-92)

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365-331-003	1	Quick Reference Guide
■ 365-331-005	1	DACS III-2000 Software Release Description Release 2.0
Addendum	2	
⊕365-331-022	1	Command and Message Manual, Message Set 2, Issue 1.2
DACS III-2000 Release 3.0		
■ Addendum	1	
■ 365-331-100	2	DACS III-2000 Release 3.0— Applications, Planning, and Ordering
Addendum	2	
⊕365-331-101	1	DACS III-2000 Release 3.0 — Operations and Maintenance (5-93)
Addendum	1	
⊕365-331-102	1	DACS III-2000 Release 3.0 — Commands and Messages — Message Set 1 (5-93)
Addendum	1	
365-331-103	1	DACS III-2000 Release 3.0 — Quick Reference (5-93)
365-331-105	1	DACS III-2000 Release 3.0 — Software Release Description
Addendum	1	
■ 365-331-106	1	DACS III-2000 Release 3.0 — Network Planning Overview
⊕365-331-122	1	DACS III-2000 Release 3.0 — Commands and Messages — Message Set 2 (5-93)
DACS III-2000 Release 4.0		
■ Addendum	1	
■ 365-331-200	1	DACS III-2000 Release 4.0 — Applications, Planning, and Ordering
■ 365-331-201	1	DACS III-2000 Release 4.0 — Operations and Maintenance (9-94)
■ 365-331-202	1	DACS III-2000 Release 4.0 — Commands and Messages Message Set 1 (9-94)
■ 365-331-203	1	DACS III-2000 Release 4.0 — Quick Reference (9-94)
■ 365-331-206	1	DACS III-2000 Release 4.0 — Network Planning Overview (3-94)

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■ 365-331-222	1	DACS III-2000 Release 4.0 — Commands and Messages Message Set 2 (9-94)	■ 365-340-202	1	DACS IV 2000 Release 2.2 — Commands and Messages
365-335 DACS III 2000 NSD Supplement			■ 365-340-203	1	DACS IV 2000 Release 2.2 — Quick Reference Job Aid
Release 2.0			■ 365-340-204	1	DACS IV 2000 Release 2.2 — Applications Planning and Ordering
365-335-000	1	Applications, Planning, and Ordering Guide (4-92)	Redundant Controller Release 2.2		
365-335-001	1	User/Service Manual	■ 365-340-300	1	DACS IV-2000 — Redundant Controller Release 2.2 Reference Manual
365-335-002	1	Command and Message Manual, Message Set 1	■ 365-340-301	1	DACS IV-2000 — Redundant Controller Release 2.2 Operations and Maintenance
Release 3.0			■ 365-340-302	1	DACS IV-2000 — Redundant Controller Release 2.2 Commands and Messages
■ 365-335-101	1	Operation and Maintenance	■ 365-340-303	1	DACS IV-2000 — Redundant Controller Release 2.2 Quick Reference Job Aids
■ 365-335-102	1	Commands and Message Set 1	■ 365-340-304	1	DACS IV-2000 — Redundant Controller Release 2.2 Applications, Planning, and Ordering
■ 365-335-102	1	Quick Reference Guide	DACS IV-2000 Release 3.0		
365-340 DACS IV 2000 (Release 2.n)			■ 365-340-400	1	DACS IV-2000 Digital Access and Cross-Connect System IV-2000 Release 3.0 Reference Manual (7-93)
DACS IV Release 2.1d Simplex			■ 365-340-401	1	DACS IV-2000 Digital Access and Cross-Connect System IV-2000 Release 3.0 Operations and Maintenance (7-93)
365-340-001	1	Operation and Maintenance Manual	■ 365-340-402	1	DACS IV-2000 Digital Access and Cross-Connect System IV-2000 Release 3.0 Commands and Messages (7-93)
365-340-002	1	Release 2.1, Command and Message Manual — Volume 1 - MSGSET 1 — Volume 2 - MSGSET 2	■ 365-340-403	1	DACS IV-2000 Digital Access and Cross-Connect System IV-2000 Release 3.0 Quick Reference Job Aids (7-93)
365-340-003	1	Quick Reference Guide Release 2.1	■ 365-340-404	1	DACS IV-2000 — Release 3.0 Applications, Planning, and Ordering (4-93)
365-340-004	1	Reference Manual	DACS IV-2000 (512) Release 2.2		
■ 365-340-005	1	DACS IV Release 2.1d Software Release Description	■ 365-340-500	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 2.2 Reference Manual (3-94)
Redundant Controller Release 2.1					
■ 365-340-101	1	DACS IV-2000 Redundant Controller Release 2.1— Operation and Maintenance			
■ 365-340-102	1	DACS IV-2000 Redundant Controller Release 2.1— Commands and Messages			
■ 365-340-103	1	DACS IV-2000 Redundant Controller Release 2.1 — Quick Reference Job Aids (Laminated Sets)			
DACS IV Release 2.2					
■ 365-340-200	1	DACS IV 2000 Release 2.2 — Reference Manual			
■ 365-340-201	1	DACS IV 2000 Release 2.2 — Operations and Maintenance			

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■ 365-340-501	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 2.2 Operations and Maintenance (3-94)
■ 365-340-502	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 2.2 Commands and Messages (3-94)
■ 365-340-503	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 2.2 Quick Reference Job Aids (3-94)
■ 365-340-504	1	DACS IV-2000 (512) — Applications, Planning and Ordering (1-94)

DACS IV-2000 (512) Release 3.0

■ 365-340-600	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 3.0 Reference Manual (9-94)
■ 365-340-601	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 3.0 Operations and Maintenance (9-94)
■ 365-340-602	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 3.0 Commands and Messages (9-94)
■ 365-340-603	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 3.0 Quick Reference Job Aids (9-94)
■ 365-340-604	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 3.0 Applications, Planning and Ordering (6-94)

DACS IV-2000 (256) Release 4.0

■ 365-340-700	1	DACS IV-2000 (256) — Digital Access and Cross-Connect System IV-2000 Release 4.0 Reference Manual (4-95)
■ 365-340-701	1	DACS IV-2000 (256) — Digital Access and Cross-Connect System IV-2000 Release 4.0 Operation and Maintenance (4-95)
■ 365-340-702	1	DACS IV-2000 (256) — Digital Access and Cross-Connect System IV-2000 Release 4.0 Commands and Messages (4-95)

Number	Issue	Subject
■ 365-340-703	1	DACS IV-2000 (256) — Digital Access and Cross-Connect System IV-2000 Release 4.0 Quick Reference Job Aids (4-95)
■ 365-340-704	2	DACS IV-2000 (256) — Digital Access and Cross-Connect System IV-2000 Release 4.0 Applications, Planning, and Ordering (4-95)
■ 365-340-804	1	DACS IV-2000 (256) — Digital Access and Cross-Connect System IV-2000 Release 5.0 Applications, Planning, and Ordering (4-95)

365-342 DACSLINK

365-342-120	1	DACSLINK User's Guide
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365-345 DACS IV-2000**DACS IV-2000 (Release 2.1)**

365-345-001	1	Operations and Maintenance
365-345-002	1	Commands and Messages
365-345-003	1	Quick Reference Job Aids
365-345-004	1	Applications, Planning, and Ordering

DACS IV-2000 (512) (Release 3.1)

■ 365-345-100	1	Reference Manual (9-94)
■ 365-345-101	1	Operations and Maintenance (12-94)
■ 365-345-102	1	Commands and Messages (9-94)
■ 365-345-103	1	Quick Reference Job Aids (12-94)

365-352 DACS II Releases 1 Through 5.1

■ 365-352-001	2	Releases 4.0 Through 5.1 PDS — Including Subrate, SLC* Carrier, Ds1, DS3, and Gateway — Operation and Maintenance System (8-93)
■ 365-352-002	2	DACS II Releases 4.0 Through 5.1, PDS — Command and Message Manual (8-93)
■ 365-352-003	1	Releases 3 Through 5.1 PDS — Quick Reference Guide

Number	Issue	Subject	Number	Issue	Subject
■ 365-352-007	1	DS1 Multipoint Junction Unit (MJU) Shelf — Description, Operation, and Maintenance (4-92)	■ 365-353-003	2	DACS II Releases 3 Through 6.0 PDS — Quick Reference Guide (10-93)
■ 365-352-011	2	Releases 4.0 Through 5.1, MML Including Subrate, SLC* Carrier, DS1, DS3 and Gateway — Operation and Maintenance Manual (8-93)	■ 365-353-004	1	DACS II Release 6.1 PDS — Operation and Command and Message Supplement (7-94)
■ 365-352-012	2	DACS II Releases 4.0 Through 5.1, MML Command and Message Manual (8-93)	■ 365-353-005	1	SRD (Software Release Description) for DACS II Rel 6.0.1 for 24 Channel Applications
■ 365-352-013	1	Releases 3 Through 5.1 — Quick Reference Guide	■ 365-353-007	1	DACS II Release 6.2 PDS E1/T1 Signaling Conversion Feature User Manual (4-95)
■ 365-352-021	2	Releases 4.0 Through 5.1, MML — Command and Message Manual CEPT and ECEPT — Releases 4.1 Through 5.1 PDS — Operation and Maintenance Manual (8-93)	■ 365-353-011	2	DACS II Release 6.0 MML — Operation and Maintenance Manual (11-93)
■ 365-352-022	2	CEPT and ECEPT — Releases 4.1 Through 5.1, PDS — Command and Message Manual (8-93)	■ 365-353-012	2	DACS II Release 6.0 MML — Command and Message Manual (11-93)
■ 365-352-023	1	Releases 3 Through 5.1, PDS 1m 2.048-Mb/s Interface — Quick Reference Guide	■ 365-353-013	2	DACS II Releases 3 Through 6.0 MML — Quick Reference Guide (11-93)
■ 365-352-031	1	DACS II Releases 4.0 Through 5.1, MML 2.048 Mb/s Interface Operation and Maintenance Manual (8-93)	■ 365-353-014	1	DACS II Release 6.1 MML — Operation and Command and Message Supplement (7-94)
■ 365-352-032	2	DACS II Releases 4.0 Through 5.1, MML — 2.048-Mb/s Interface — Command and Message Manual	■ 365-353-017	1	DACS II Release 6.2 MML E1/T1 Signaling Conversion Feature User Manual (4-95)
■ 365-352-033	1	CEPT and ECEPT — Releases 4.1, 5.0, and 5.1 MML — Quick Reference Guide	■ 365-353-021	2	DACS II Release 6.0 PDS — 2.048 Mb/s Interface — Operation and Maintenance Guide (2 Vols) (10-93)
■ 365-352-106	1	DCTN Feature Operation Supplement	■ 365-353-022	2	DACS II Release 6.0 PDS — 2.048 Mb/s Interface — Command and Message Manual (2 Vols) (10-93)
365-353 DACS II Releases 6 and Later			■ 365-353-023	2	DACS II Releases 3 Through 6.0 PDS — 2.048-Mb/s Interface — Quick Reference Guide (10-93)
365-353 DACS II Releases 6.0 and 6.1			■ 365-353-031	2	DACS II Release 6.0 MML — 2.048 Mb/s Interface — Operation and Maintenance Manual (10-93)
■ 365-353-000	1	DACS II Releases 1 Through 6.0 — Customer Reference Manual (3-93)	■ Revision 1	6-93	
■ 365-353-001	2	DACS II Release 6.0 PDS — Operation and Maintenance Manual (2 Vol) (10-93)	■ 365-353-032	2	DACS II Release 6.0 MML — 2.048 Mb/s Interface — Command and Message Manual (10-93)
■ 365-353-002	2	DACS II Release 6.0 PDS — Command and Message Manual (3 Vol) (10-93)	■ 365-353-033	2	DACS II Releases 3 Through 6.0 MML — 2.048 Mb/s Interface — Quick Reference Guide (11-93)

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365-359 DACS II ISX (Integral Shelf Cross-Connect)		
Release 1.0		
■ 365-359-030	3	DACS II ISX Installation Manual
Release 1.1		
■ 365-359-040	1	DACS II ISX Release 1.1, PDS Operation and Maintenance Manual (11-94)
■ 365-359-041	1	DACS II ISX Release 1.1, PDS Command and Message Manual (11-94)
■ 365-359-042	1	DACS II ISX Release 1.1, PDS Quick Reference Guide (11-94)
■ 365-359-043	1	DACS II ISX Release 1.1, MML Operation and Maintenance (11-94)
■ 365-359-044	1	DACS II ISX Release 1.1, MML Command and Message Manual (11-94)
■ 365-359-045	1	DACS II ISX Release 1.1, MML Quick Reference Guide (11-94)

365-366 DACS VI-2000

365-366-000	1	Applications and Planning Guide
365-366-001	1	User Service Manual
365-366-002	1	Menus and Forms Manual
365-366-003	1	Quick Reference Guide
365-366-010	2	Network Planning Letter

365-4 D2 Channel Bank and Non-AT&T Digital Carrier Systems**365-400/415 D2 Channel Bank**

365-400-100	3	General Description
365-400-104	3	Channel Units — General Description
Addendum	1	
365-400-105	2	Alarm Control and Carrier Group Alarm — General Description
365-400-106	2	Power Systems Converter Circuit — Description
365-400-107	3	Channel Option and Pad Selection — Description
Addendum	1	
365-400-108	2	Test Panel — Description and Operation

Number	Issue	Subject
365-400-300	2	Installation and Initial Lineup Tests
365-400-301	1	Restoration Patching
Addendum	1	
365-401-500	3	Power Systems Converter Circuit — Tests and Adjustments
365-402-500	3	Circuit Pack Installation
Addendum	2	
365-404-500	1	Terminal Lineup
365-404-501	2	Signaling Tests and Trouble Location
365-404-502	1	D2 With Switched Maintenance Access System No. 3B — Test and Trouble Location Procedures
Addendum	1	
365-410-500	1	Maintenance and Trouble-Locating Procedures
365-410-501	2	J98714G Carrier Group Alarm — Tests and Trouble Location
Addendum	1	
365-410-502	2	Fuse Panel — Fuse Insertion, Tests, and Trouble Location

365-456 Non-AT&T Digital Carrier Systems

■ 365-456-900AC	A	P-140 Digital Carrier System — Description
■ 365-456-901AC	A	Philips P-140 Digital Carrier System — Initial Acceptance Tests
■ 365-456-904AC	A	Philips P-140 Digital Carrier System — Troubleshooting and Maintenance Testing
■ 365-456-905AC	A	Philips M335 Multiplex — Description
■ 365-456-906AC	A	Philips M335 Multiplex — Initial Acceptance Tests
■ 365-456-907AC	A	Philips M335 Multiplex — Documentation Plan
■ 365-456-909AC	A	Philips P-140 Line Protection Switching System — Description
■ 365-456-911AC	A	Philips P-140 Line Protection Switching System — Initial Acceptance Tests, Troubleshooting and Maintenance Testing
■ 365-456-912AC	A	Philips 140 Megabit System — Maintenance Plan
■ 365-456-913AC	1	Philips 140 Megabit System — Administrative Plan

Number	Issue	Subject
■ 365-456-914AC	1	CIT-ALCATEL C-140 Megabit — Description
■▲365-456-915AC	1	CIT ALCATEL C-140 — Initial Installation and Acceptance Tests
■▲365-456-916AC	1	CIT ALCATEL C-140 — Troubleshooting and Maintenance
■▲365-456-919AC	1	CIT-ALCATEL C-565 Megabit — Description
■▲365-456-920AC	1	CIT ALCATEL C-565 — Initial Installation and Acceptance Tests
■▲365-456-921AC	1	CIT ALCATEL C-565 — Troubleshooting and Maintenance
■▲365-456-922AC	1	Philips P-565 Megabit (Coaxial) — Description
■▲365-456-923AC	1	Philips P-565 (Coaxial) — Initial Installation and Acceptance Tests

365-5 High Speed/Lightwave Digital Lines/FT Series G

365-500/521 T2 Digital Line

365-500-100	4	General Description
365-500-101	3	Span Terminating Facilities — Description
365-500-102	4	Intermediate Powering Station — Repeater and Power Supply Bays — Description
Addendum	1	
365-500-103	4	T2 Regenerator — Description
365-500-104	2	Power Units — Description
365-500-107	2	2-Wire Order Wire — Description
365-500-200	4	Procedure for Equipping Span Terminating Bays, Intermediate Power Station Bays, and T2A Span Terminating Shelves and Power Shelves
365-500-201	5	Preparation of Plug-In Units for Span Terminating or Intermediate Repeater Bays
365-500-300	1	Protection Switching Circuit — Manual Operations
365-500-301	1	Protection Line Patching (Line Restoration)
365-500-307	2	2-Wire Order Wire — Maintenance and Operating Procedures
365-500-500	3	Tests and Operations

Number	Issue	Subject
Addendum	1	
365-500-501	3	T2 Line — Line Powering and Initial Installation Tests
365-500-502	2	Placing the Line in Service
365-500-503	1	Trouble-Locating Procedures
Addendum	1	
365-500-504	4	Fault Locating Procedures
365-500-505	1	Protection Switching Circuit — Operational Tests
365-520-501	4	Pair Measurements at Maintenance Offices and Intermediate Powering Sites
365-521-501	4	T2 Line Regenerator — Testing With the J98717M Test Set

365-550 T4M Digital Line

365-550-103	2	Regenerator — Description
365-550-104	1	J87412A Line Feed Converter — Description
365-550-105	1	Manhole Maintenance Circuits — Description
365-550-106	1	Fault Locating System — Description
365-550-107	1	100A Card Storage Unit — Description and Use

365-560 FT3/FT3C/FTX-180 Lightwave Digital Line

365-560-100	2	FT3 — General Description
365-560-101	5	FTX-180 Line Repeater Station — General Description
365-560-102	3	8-Type Regenerator — FT3 — Description
365-560-103	2	Fault-Locating Subsystem — FT3 — General Description
365-560-105	2	J98734R Line Repeater Bay — General Description
Addendum	1	
365-560-110	3	FT3C — General Description
365-560-112	3	11-Type Regenerator — FT3C — Description
365-560-113	2	Fault-Locating Subsystem — FT3C — General Description
365-560-114	2	Wavelength Division Multiplexing Filter Assembly — FT3C — Description
365-560-115	4	J98734S Line Repeater Bay — FT3/FT3C/FTX-180 — General Description

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		⊕365-575-102	6	FT-2000 OC-48 Lightwave System — User/Service Manual (6-95)
365-560-120	1	FTX-180 — General Description			NOTE: This includes 365-575-101, -120, -121, -122, -123, and -124
365-560-121	1	Fault-Locating Subsystem — FTX-180 — General Description	⊕365-575-104	2	FT-2000 OC-48 Lightwave System — Installation Manual
365-565 FT Series G Lightwave Systems			■ 365-575-105	1	FT-2000 OC-48 Lightwave System — Software Release Description Release 1
Revision 7D	12/94		⊕365-575-115	4	FT-2000 OC-48 Lightwave System Release 3.0.1 and Release 4.0.0, and 4.4.0 Add/Drop Rings Installation Manual (5-94)
Addendum	7C		⊕365-575-120	3	FT-2000 OC-48 Lightwave System — End Terminal Provisioning Job Aid
365-565-100	7	Description, Application, and Engineering Manual (7-92)	⊕365-575-121	3	FT-2000 OC-48 Lightwave System — Repeater Terminal Provisioning Job Aid
Revision 3D	12/94		⊕365-575-122	3	FT-2000 OC-48 Lightwave System — Rings Terminal Provisioning Job Aid
Revision	3C		⊕365-575-123	2	FT-2000 OC-48 Lightwave System — Rings R4 Provisioning Job Aid
Revision	3B		⊕365-575-124	2	FT-2000 OC-48 Lightwave System — Cross Connect Job Aid
365-565-101	3A	Dual Assemblies — Description, Application, and Engineering Manual	FT-2000 OC-48 Lightwave System Large Capacity Terminal		
365-565-200	2	Ring Diversity Switch (RDS) — Engineering, Operation and Maintenance Manual (5-92)	■ 365-575-200	1	Applications, Planning, and Ordering Guide (6-95)
365-565-300	2	Craft Display Manager FT Series G GENAP 2 and DDM-1000 (365-565-301, -302 provided automatically)	Optical Line System (OLS)		
⊕365-565-301	1	Craft Display Manager — Version 3.1 (5 1/4 inch disk)	■ 365-575-300	1	Applications, Planning, and Ordering Guide (6-95)
⊕365-565-302	1	Craft Display Manager — Version 3.1 (3 1/2 inch disk)	365-6 Digital Multiplexes, DS3 and DS4 Systems, FT3/FT3C/FTX-180 Facilities, and FT Series G		
365-565-500	2	Digital Transmission Systems — FT-Lightwave Booster Amplifier — Description, Engineering, and Maintenance (4-94)	365-600 M1-2 Digital Multiplex		
365-571 T4M Span Terminating Frame			Addendum	1	
▲365-571-000	2	T4M Digital Line — Routine, Company Order, and Trouble Indicator Tasks	365-600-100	1	Type M1-2, M1-2A, and M1-2B — General Description
▲365-571-001	2	High Speed Digital Lines — Acceptance Tasks	365-600-101	1	Type M1-2, M1-2A, and M1-2B — Muldem Description
365-575 FT-2000 Lightwave System					
FT-2000 OC-48 Lightwave System					
⊕Revision 1	2/95				
⊕365-575-100	6	FT-2000 OC-48 Lightwave System — Applications, Planning and Ordering Guide (12-94)			
⊕365-575-101	5	FT-2000 OC-48 Lightwave System — Quick Reference Guide			

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Addendum	1		365-602-104	4	MX3 Lightwave Terminating Frame (LTF) — FT3 Lightwave Digital Transmission System — Description
365-600-102	1	Alarms and Monitor Circuit — Description	365-602-105	4	MX3 Lightwave Terminating Frame (LTF) — Monitoring, Protection Switching, and Alarm Circuits — FT3 Lightwave Digital Transmission System — Description
Addendum	1		365-602-106	3	MX3/MX3C/FT3C/FTX-180 Quick Reference Guides — FT3/FT3C/FTX-180 Lightwave Digital Transmission Systems — Description and Use
365-600-103	1	Protection Switching Circuit — Description	365-602-107	3	MC-90/180 Maintenance Communication Facility for 90 or 180 MB/S Lightwave Systems — FT3C/FTX-180 Lightwave Digital Transmission System — Description
365-600-310	3	Digital Multiplex-Demultiplex Circuit — Circuit Pack and Power Unit — Installation and Initial Tests	365-602-108	3	J98734N FT3 Lightwave Span Terminating Assembly (LSTA) — FT3 Lightwave Digital Transmission System — Description
365-600-311	1	Type M1-2A and M1-2B — Circuit Pack and Power Unit — Installation and Initial Tests	Addendum	1	
365-600-500	1	Type M1-2, M1-2A, and M1-2B — Power Unit Test	365-602-109	2	FT3C-SX — Lightwave Span Terminating Frame — FT3C/FTX-180 Lightwave Digital Transmission Systems — Description
365-600-501	2	Type M1-2, M1-2A, M1-2B — Placing Muldem in Service	365-602-110	3	MX3C Lightwave Terminating Frame (LTF) — FT3C/FTX-180 Lightwave Digital Transmission System — Description
365-600-502	1	Tests	365-602-111	3	MX3C Lightwave Terminating Frame (LTF) — Monitoring, Protection Switching, and Alarm Circuits — FT3C/FTX-180 Lightwave Digital Transmission System — Description
365-600-503	2	Digital Multiplex-Demultiplex Circuit, Type M1-2 — Trouble Location	365-602-113	3	MX3 Multiplex Frame (MF) — Description
365-600-506	1	Type M1-2A and M1-2B — Trouble Location	365-602-114	3	MX3 Multiplex Frame (MF) — Monitoring, Protection Switching, and Alarm Circuits — Description
365-600-507	1	Type M-2A and M1-2B — Standby Muldem Patching (Service Restoration)			
365-601 M13 Digital Multiplex			365-603 M34 Digital Multiplex		
365-601-100	3	General Description	365-603-101	2	Muldem Description
365-601-101	3	Muldem Description	365-603-103	2	General Description
365-601-102	3	Monitoring, Protection Switching, and Alarm Circuits — Description			
365-602 MX3/MX3C Digital Multiplex, FT3/FT3C/FTX-180 Terminals, and MC-90/180 Maintenance Communication Facility					
365-602-100	3	Lightwave — General Description			
365-602-101	3	J98734M MX3 Multiplex Assembly (MA) — Description			
365-602-102	3	J98734L MX3 Lightwave Terminating Multiplex Assembly (LTMA) — FT3 Lightwave Digital Transmission System — Description			
365-602-103	1	J5X014AF MX3 Radio Terminating Multiplex (RTM) — Description			

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365-603-104	2	Monitoring, Protection Switching, and Alarm Circuits — Description	365-675 Lightguide MX3/MX3C/FTX-180 Digital Multiplex and FT3/FT3C/FTX-180 Line Repeater Station		
365-604 M1C Digital Multiplex			▲365-675-561	4	J98734L MX3 Lightwave Terminating Multiplex Assembly (LTMA) — Acceptance Tasks
365-604-100	4	Bay — General Description	▲365-675-562	4	J98734L MX3 Lightwave Terminating Multiplex Assembly (LTMA) — Maintenance Tasks
365-604-101	3	Single Shelf — General Description	▲365-675-566	3	MX3 Lightwave Terminating Frame (LTF) — Acceptance Tasks
365-605 M1C-A Digital Multiplex			▲365-675-567	3	MX3 Lightwave Terminating Frame (LTF) — Maintenance Tasks
365-605-100	2	General Description	Addendum	1	
365-671 DS3 and DS4 Systems			▲365-675-568	4	MX3C/FTX-180 Lightwave Terminating Frame (LTF) — Acceptance Tasks
▲365-671-501	3	T3 and T4 Facilities — Trouble Sectionalization Tasks	Addendum	1	
▲365-671-511	2	M34 Digital Multiplex — Routine, Company Order, and Trouble Indicator Tasks	▲365-675-569	4	MX3C/FTX-180 Lightwave Terminating Frame (LTF) — FT3C/FTX-180 Lightwave Digital Transmission System — Maintenance Tasks
▲365-671-512	2	M34 Digital Multiplex — Acceptance Tasks	▲365-675-570	2	J98734N — FT3 Lightwave Span Terminating Assembly (LSTA) — FT3 Lightwave Digital Transmission System — Maintenance Tasks
▲365-671-521	3	M13 Digital Multiplex (Option Y) — Maintenance Tasks	▲365-675-571	5	Line Repeater Station — FT3/FT3C/FTX-180 Lightwave Digital Transmission Systems — Maintenance Tasks
▲365-671-531	3	J98734M MX3 Multiplex Assembly (MA) — Acceptance Tasks	▲365-675-574	3	FT3C/FTX-180 Lightwave Span Terminating Frame — Acceptance Tasks
▲365-671-532	2	J98734M MX3 Multiplex Assembly (MA) — Maintenance Tasks	▲365-675-575	3	FT3C/FTX-180 Lightwave Span Terminating Frame — Maintenance Tasks
▲365-671-533	2	J5X014AF MX3 Radio Terminating Multiplex (RTM) — Acceptance Tasks	▲365-675-580	1	MC-90/180 Maintenance Communications Facility — Maintenance Tasks
▲365-671-534	2	J5X014AF MX3 Radio Terminating Multiplex (RTM) — Maintenance Tasks			
▲Addendum	1				
▲365-671-535	2	MX3 Multiplex Frame (MF) — Acceptance Tasks			
▲Addendum	1				
▲365-671-536	2	MX3 Multiplex Frame (MF) — Maintenance Tasks			
365-672 M1C Digital Multiplex					
▲365-672-000	3	M1C — Maintenance Tasks			
▲Addendum	1				
▲365-673-000	1	M1C-A — Maintenance Tasks			
365-674 Lightwave Data Set					
● 365-674-574	4	FT 1 Series — DS1 Electrical to Optical Converter — Service Manual (5-93)			

365-680 DCO-PNI (Digital Central Office-Packet Network Interface) and FT Series G Terminal and Line Repeater Station

DCO-PNI (Digital Central Office-Packet Network Interface)

Number	Issue	Subject
■ 365-680-301AC	2	Description
■ 365-680-302AC	2	Installation and Acceptance
■ 365-680-303AC	2	Operation and Maintenance

FT Series G Terminal and Line Repeater Station

Revision 8D	12/94	
Revision 8C	5/93	
Revision 8B	7/92	
Addendum	8A	
▲365-680-500	8	FT Series G Lightwave Systems — Terminating Assemblies — Operation and Maintenance Manual (7-92)
Revision 3E	4/93	
Revision 3D	7/92	
Revision 3C	11/91	
Revision 3B	5/91	
▲365-680-501	3	FT Series G Lightwave Systems — Dual Assemblies — Operation and Maintenance Manual

365-690 International Applications

FTM (Fiber Transmission Mode) Manuals

■ 365-690-001	1	FTM-600M LTMUX-E Design Documentation (Japan)
■ 365-690-002	1	FTM-600M REP-E Design Documentation (Japan)
■ 365-690-003	1	FTM-150M LTMUX-E Design Documentation (Japan)
■ 365-690-004	1	FTM-150M REP-E Design Documentation (Japan)
■ 365-690-005	1	FTM-600M LTMUX-E Design Documentation Version 2 (Japan)
■ 365-690-006	1	FTM-600M-2 REP-E Design Documentation Version 2 (Japan)
■ 365-690-100	5	FTM-600M LTMUX-E Operation Manual — Japanese Version — NTT (Nippon Telegraph and Telephone)
■ 365-690-200NT	4	FTM-600M LTMUX-E AA Repeater Operation Manual — Japanese Version — NTT (Nippon Telegraph and Telephone)

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■ Revision 2	5/94	
■ Revision 1	3/94	
■ 365-690-300	1	FTM-600M LTMUX-E Operation Manual NCC (New Common Carriers) (Japanese)
■ Revision 2	3/94	
■ Revision 1	3/94	
■ 365-690-310	1	FTM-600 LTMUX-E with DCC (Data Communications Channel) Operation Manual NCC (New Common Carriers) (Japanese)
■ 365-690-400	1	FTM-600M Repeater-E Operation Manual (New Common Carriers) (Japanese)
■ 365-690-410	1	FTM-600M Repeater-E with DCC Operation Manual NCC (Japanese)
■ 365-690-500	1	FTM-600M-2 LTMUX-E Operation Manual (Japanese)
■ 365-690-510	1	FTM-600M-2 LTMUX-E Construction Manual (Japanese)
■ 365-690-550	1	FTM-600M-2 Repeater-E Operation Manual (Japanese)
■ 365-690-560	1	FTM-600M-2 Repeater-E Construction Manual (Japanese)

365-7 DTV (Digital TV)

365-700 Codec Interim Design

Description		
●365-700-100	1	Description
●365-700-101	1	Hewlett-Packard 6264B Power Supply
●365-700-102	1	Hewlett-Packard 6259B Power Supply
●365-700-501	1	Initial Lineup and Maintenance
●365-700-502	1	Trouble Location Procedures

365-8 T1 Carrier Systems

▲365-800-001	4	D1, D2, and D3 Channel Banks — Maintenance Tasks
Addendum	2	
▲365-800-002	5	T1 Digital Line — Acceptance and Maintenance Tasks
▲365-800-003	5	D1, D2, and D3 Channel Banks/T1 Line — Trouble Clearing Tasks

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365-9 Digital Subscriber Lines		
365-900 Asymmetrical Digital Subscriber Line (ADSL)		
365-900-100	1	Asymmetrical Digital Subscriber Line (ADSL) System — User's Guide
365-W WIPs Workcenter Information Packages		
Ⓢ365-WIP-001	1	System III DSX 3/4 Upgrade (Full Action Video)

Division 371**Broadband Restoration****371-0 Index and Equipment Test List****-000 Index****-001 Equipment Test List****371-1 Overall System****371-2 Restoration Control System****-200 Description****-201 Operation****-202 Lineup****-203 Trouble Location****371-3 Microwave Radio IF Switching****-310 J68388 TD-TH/TH-TD IF Shifter****-320 2A IF Restoration Switch****-501 Continuity Checking Equipment**

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371-0 Index and Equipment Test List**371-000 Index**

371-000-000	31	Numerical Index — Division 371 — Broadband Restoration (2-95)
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371-001 Equipment Test List

371-001-011	3	Microwave Radio
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371-1 Overall System

371-100-100	1	Patching Equipment — J68876 (A Through F) Restoration Patch Bays — Description
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■ 371-100-300	4	Network Restoration Procedures
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■ 371-100-300AC	1	Restoration Procedures
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371-100-500	1	Patching Equipment — J68876F Restoration Patch Bay — Tests
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371-2 Restoration Control System**371-200 Description**

371-200-101	1	Console
371-200-104	1	Logic Circuits
371-200-105	1	Status Memory Circuit
371-200-108	1	Command Control Circuits

371-201 Operation

371-201-100	1	Voice Order — Wire Loops
371-201-301	1	Console

371-202 Lineup

371-202-501	2	RFMC Order Wire Circuit
371-202-502	2	FO Order Wire Circuits

371-203 Trouble Location

371-203-502	1	RCO Order Wire Circuits
371-203-503	1	RO Order Wire Circuits

371-3 Microwave Radio IF Switching**371-310 J68388 TD-TH/TH-TD IF Shifter**

371-310-100	1	Description
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Tests

371-310-330	1	Periodic Test Intervals
371-310-500	1	General
371-310-501	1	J68388A or J68388B IF Shifter
371-310-502	1	J68388C and F UP Converters
371-310-503	1	J68388D and G Down Converters
371-310-504	1	J87252A -20 Volt Regulator, Fuse and Alarm Circuits
371-310-505	1	J68381BK IF Amplifier Circuit

371-320 2A IF Restoration Switch

371-320-100	1	General
371-320-101	1	8 X 8 Switch and Control Circuits
371-320-102	1	16 X 16 Switch Network and Control Circuit
371-320-103	1	1 X N Switch Network and Control Circuit

Number	Issue	Subject
371-320-104	1	Input, Output Lines
371-320-105	1	Transmitting Trunks, Receiving Trunks, Trunk Bussing, and Detector Trunk Bussing
371-320-106	1	Pilot Detection
371-320-107	1	IF Shifter
371-320-108	1	J68389AB Variable Gain If Amplifier
371-320-500	1	2A I.F. Restoration Switch — General Test Information

371-5 Auxiliary Equipment

371-501/502 Continuity Checking Equipment

J68876AA and AB Pilot Supply and Detector

371-501-100	2	Description
371-501-501	4	Tests

J68876AD 92/468 kHz Supply

371-502-100	1	Description
371-502-501	1	Tests

Division 400**Radio Administration****400-0 Indexes****400-1 General Information****400-2 Mobile and Maritime Radio****-200 Mobile Radio****400-3 Personal Radio Services and Emergency Radio****-300 Personal Radio Services****400-4 Microwave Radio****400-5 FCC Regulatory Information****-500 General****-520 Domestic Public Radio Services (Common Carrier)****-550 Preparation of Miscellaneous Forms****-560 Extension of Lines — Section 214 Procedures**

Number	Issue	Subject
400-0 Indexes		
400-000-000	67	Numerical Index — Division 400 — Radio Administration (2-95)
400-020-014	6	Cross Reference List — R Series to Plant Series

400-1 General Information

400-100-001	3	Radio Log Abbreviations
400-100-002	2	Mobile Radio — General Information Plant Department Contact — Bell Companies
■ 400-100-003	3	Antenna Structure — Marking and Lighting (Compliance) (1-95) Note: Only available on facilities IDS (electronic)

Number	Issue	Subject
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400-2 Mobile and Maritime Radio**400-200 Mobile Radio**

400-200-001	4	Transmitter Measurements and Maintenance Record — Forms E-3743, E-3744 and E-4973
400-200-003	2	Trouble Memorandum — Form E-3606
400-200-004	1	Shop Repair Ticket — Form E-3602
400-200-005	3	Repair Reports — Another Point of Registry — Form E-3587
400-200-008	2	Handling Customer Trouble Reports and Intercompany Billing
400-200-009	1	Equipment Trouble Record — Form E-3896
400-200-010	1	Log Record — Form E-3601
400-200-020	2	Mobile Radio — Domestic Public Land Mobile Operations (Compliance)

400-3 Personal Radio Services and Emergency Radio**400-300 Personal Radio Services**

400-300-001	2	35 Mc BELLBOY — Records and Reports
400-320-002	2	Other Radio Services — Maritime Radio Operations (Compliance)
400-330-002	3	Mobile Radio — Telephone Maintenance Radio Service — Business Radio Service
■ 400-340-010AC	1	Emergency Disaster Communications System (EDCOMS) Administration

400-4 Microwave Radio

400-400-001	3	Rotating Stock Plan for Short Haul Microwave Radio Plug-In Units
400-400-003	3	Performance Record — Form E-4101
400-400-004	1	Radio Channel Release Procedures
400-400-005	1	Repeater Designations

Number	Issue	Subject
400-400-006	1	Overall System Administration
Appendix 1	1	Overall System Administration — Terms and Concepts
400-400-010	1	Mechanized Evaluation of Radio Transmission Tests (MERTT) — Channel Measurement Plan — Description
■ 400-401-000AC	1	Point-to-Point Service FCC Compliance Requirements
400-401-001	1	Technical Log Requirements — TD-2, TD-3, and TH-3
400-401-002	1	Technical Log Requirements — TH-1
400-401-003	1	Technical Log Requirements — Guidelines — AR6A Radio Systems
■ 400-401-003AC	1	Technical Log Requirements — Guidelines — AR6A Radio Systems

400-5 FCC Regulatory Information**400-500 General**

400-500-100	2	General Information
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400-520/531 Domestic Public Radio Services (Common Carrier)**Establishing a Point-to-Point Microwave Station**

Addendum	1	
400-520-100	4	Radio Administration — the Point-to-Point Microwave Radio Service and Mobile Television Pickup Stations of the Local Television Transmission Service — General Considerations
Addendum	1	
400-520-101	6	Preparation of FCC Form 435
400-520-102	2	Special Showings
Addendum	1	
400-520-103	3	Preparation of FCC Form 436

Establishing a Mobile Radio Station

400-521-100	3	General Considerations
400-521-101	4	Preparation of FCC Form 401
400-521-103	2	Licensing a Mobile (DPLM) Radio Station — Preparation of FCC Form 403

Number	Issue	Subject
Establishing a Rural Radio Station		
400-522-100	2	General Considerations
400-522-101	3	Preparation of FCC Form 401
400-522-103	2	Licensing a Rural Radio Station — Preparation of FCC Form 403

Establishing a Telephone Maintenance Radio Station

400-531-101	3	Preparation of FCC Form 400
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400-550 Preparation of Miscellaneous Forms

400-550-101	3	FAA Form 7460-1 — Notice of Proposed Construction or Alteration of Antenna Structures and FAA Form 7460-2 — Notice of Progress of Construction or Alteration
400-550-102	1	FCC Form 714 — Supplement to Application for New or Modified Radio Station Authorization
400-550-105	2	NOAA Form 76-10 — Report of Radio Transmitting Antenna — Construction, Alteration, and/or Removal

400-560 Extension of Lines — Section 214 Procedures

400-560-100	2	General Considerations for Supplementing of Facilities Under Section 214(a) of the Communications Act of 1934, as Amended
400-560-101	2	Preparation of Informal 214 Applications (Form E-3355)
400-560-102	1	Preparation of Formal 214 Application
400-560-103	2	Small Projects for Supplementing Existing Facilities — Provision of Temporary or Emergency Service — Preparation of Continuing Authority Reports

Division 401**Cellular Telecommunications Systems****401-0 Indexes and Collective Documentation****-010 Collective Documentation****401-2 Pre-Operation Support****-200 Cell Site****401-3 Digital Cellular Switch (DCS)****-300 System 10/1000 DCS****-380 AT&T Intelliverse Group Speciale' Mobile' (GSM) System (French)****-381 GSM/Wideband Universal Fibre Microcell****401-4 Wireless Data Networking****-401 MDBS/CDPD****401-6 Administration, Operation, and Maintenance Support****-600 AUTOPLEX System 10/1000 Administration****-601 AUTOPLEX System 10/1000 Feature Descriptions****-610 AUTOPLEX System 100/1000 Administration****-611 AUTOPLEX System 1000 Description (Without CDNs)****-612 AUTOPLEX System 1000 (With CDNs)****-614 AUTOPLEX System Access****-660 AUTOPLEX System 1000 Series II****-661 AUTOPLEX System 1000 Release 4.1****-662 AUTOPLEX System 1000 O&MP****401-7 Customer Documentation and Wireless Products****-701 Wireless Subscriber System (WSS)****401-9 Optional Binders with Tabs**

Number	Issue	Subject
401-0 Indexes		
401-000-000	19	Numerical Index -- Division 401 -- Cellular Telecommunications Systems (5-94)
■ 401-000-005	1	AUTOPLEX® Interdivisional Numerical Index

Number	Issue	Subject
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401-010 Collective Documentation

■ 401-010-001	1	Network Wireless System Documentation — CD-ROM (5-95)
■ 401-010-002	1	Network Wireless System Documentation With 5ESS Documentation — CD-ROM (5-95)
■ 401-010-003	1	Network Wireless System Documentation — CD-ROM (Multiuser) (5-95)
■ 401-010-004	1	Network Wireless System Documentation With 5ESS Documentation — CD-ROM (Multiuser) (5-95)

401-2 System 10/1000 Pre-Operation Support**401-200 Cell Site**

■ 401-200-100	2	Model 1 Hardware Description
■ 401-200-101	4	Diagnostic Description
■ Addendum	1	
■ 401-200-102	1	Model 2 Hardware Description
■ 401-200-103	1	AUTOPLEX Model 2 Cell Site Register Definitions
■ 401-200-111	1	
■ 401-200-300	2	Antenna Planning Guide
■ 401-200-502	2	Mini-Responder Operations and Maintenance

401-3 Digital Cellular Switch (DCS)**401-300 System 10/1000 DCS**

■ 401-300-100	7	Description
■ 401-300-108	4	Maintenance Service Manual
■ 401-300-109	3	System 1000 — Series II — Digital Cellular Switch — Maintenance Manual (Release 6.0 and Later)
■ 401-300-117	4	Feature Translation Service Manual
■ 401-300-118	3	System 1000 Digital Cellular Switch — Feature Translations Service Manual (Release 6.0 and Later)
■ 401-300-600	3	Applications Engineering
■ 401-300-610	3	AUTOPLEX Digital Cellular Switch — Applications Engineering Manual — (Release 6 and Later)

Number	Issue	Subject
401-380 AT&T Intelliverse Group Speciale' Mobile' (GSM) System (French)		
Network Level		
■ 401-380-004	2.0	AUTOPLEX GSM Documentation Roadmap
■ 401-380-005	1.1	Intelliverse GSM Documentation Guide
■ 401-380-010	1.1	GSM Generic C System Recovery Guide
■ 401-380-015	1.1	GSM Generic B System Description
■ 401-380-020	1.1	GSM Generic B Engineering Guidelines
Operations and Maintenance Center (OMC)		
■ 401-380-105	1.1	GSM Generic D OMC Operations, Administration, & Maintenance Guide
■ 401-380-110	1.1	GSM Generic C OMC Commands and Reports Manual
■ 401-380-115	1.1	OMC Recent Change and Verify (RC/V) Data Base Update Guide
■ 401-380-120	1.1	OMC Service Measurements/Analysis Guide
Base Station System (BSS)		
■ 401-380-201	2	GSM BSS Technical Description (10-94)
■ 401-380-202	2	GSM Functional Unit Descriptions (10-94)
■ 401-380-203	2	GSM Subsystem Descriptions (10-94)
■ 401-380-205	1.1	BSS Diagnostics/Maintenance Guide
■ 401-380-215	1.1	AT&T Intelliverse GSM System LOIS/LOISED User's Guide
401-381 GSM/Wideband Universal Fibre Microcell		
■ 401-381-101	1	GSM/Wideband Universal Fibre Microcell — System Overview (5-95)

Number	Issue	Subject
401-4 Wireless Data Networking		
401-401 Mobile Data Base Station/Cellular Digital Packet Data (MDBS/CDPD)		
■ 401-401-100	1	MDBS Installation Manual
■ 401-401-101	1	MDBS Users Guide
■ 401-401-102	2	AUTOPLEX System 1000 CDPD Subscriber Information Update User Guide (4-95)
■ 401-401-110	2	AUTOPLEX System 1000 CDPD MD-IS Operations Manual
■ 401-401-111	2	AUTOPLEX System 1000 CDPD Administration Server Operations Manual
■ 401-401-112	2	AUTOPLEX System 1000 CDPD Network Management System Users Guide
401-6 Administration, Operation, and Maintenance Support		
401-600 AUTOPLEX System 10/1000 Administration		
■ 401-600-039	2	System 10 Service Additions and Rearrangements
■ 401-600-046	1	System 10/1000 Data Base Password Security, Feature Description — Releases 2 and 3
■ 401-601-080	1	AUTOPLEX IMAAP User's Manual
■ 401-600-082	1	System 10/1000 Cellular Networking Phase 2 Implementation, Operation, and Maintenance Procedures
■ 401-600-112	3	System 10/1000 Acceptance Guidelines and Procedures
401-601 System 10/1000 Feature Descriptions		
■ 401-601-001	1	AUTOPLEX Call Forwarding Backoff to MRS Feature Document
■ 401-601-002	1	AUTOPLEX Answer Supervision to Cellular Phone Feature Document
401-601-003	1	AUTOPLEX Selectable Cell Site Messaging (10-93)
■ 401-601-004	1	AUTOPLEX Teletype Writer Number Display

Number	Issue	Subject	Number	Issue	Subject
■ 401-601-005	2	AUTOPLEX Personal ID Number (PIN) Capability Optional Feature	■ 401-601-038	1	Feature Document
■ 401-601-006	1	AUTOPLEX Malicious Call Trace	■ 401-601-042	1	Autoplex CDPD Optional Feature
■ 401-601-007	1	AUTOPLEX AMA Containing ANI Feature	■ 401-601-043	1	Autoplex Transfer to Number After Redirection (TTNREDIR) (2-95)
401-601-008	1	Analog/Digital Usage Billing	■ 401-601-044	1	Autoplex System 1000 Limited Call Transfer Option Feature
401-601-009	1	Autonomous Registration Option Feature and Engineering Guide	■ 401-601-045	1	Autoplex System 1000 Pound (#) Send Option Feature
■ 401-601-010	1	AUTOPLEX System 1000 Information Services Gateway	■ 401-601-080	4	Routing (With or Without CDNs) Feature Description
■ 401-601-011	4	Call Forwarding	401-610 AUTOPLEX System 100/1000 Administration		
■ 401-601-012	3	Call Waiting	■ 401-610-000	3	AUTOPLEX Customer Documentation Catalog
■ 401-601-013	3	Three-Way Calling Feature	■ 401-610-006	1	AUTOPLEX Cellular Telecommunications Systems — System Description, Requirements, and Planning Guide NOTE: This document replaces 401-610-005 and 401-612-000
■ 401-601-014	2	Local Directory Number Assignment	■ 401-610-009	5	AUTOPLEX Cellular Telecommunications Systems — System 1000 With Call Processing/Data Base Nodes (CDNs) — Mobile Switching Center — Monitoring and Engineering Guidelines
401-601-015	1	AUTOPLEX Selectable Billing Record (10-93)	■ 401-610-014	3.1	System 100 — Growth Procedures (With Call Processing/Data Base Nodes)
■ 401-601-018	1	AUTOPLEX System 1000 Subscriber Control of Special Routing Feature Document	■ 401-610-034	1	System 1000 Program Update — Release 1
■ 401-601-019	2	AUTOPLEX Feature Document	■ 401-610-036	9	System 1000(With CDNs) Data Base Update (2 Volumes)
■ 401-601-020	4	AUTOPLEX Special Routing Feature (11-94)	■ 401-610-037	7	AUTOPLEX Cellular Telecommunications Systems — System 1000 (With or Without call Processing/Data Base Nodes) — Data Base Guide
■ 401-601-021	3	Message Recording Service	■ 401-610-038	3	AUTOPLEX Cellular Telecommunications Systems — System 1000 (With or Without call Processing/Data Base Nodes) Text Recent Change and Verify Reference Manual
■ 401-601-022	4	Project Accounting			
■ 401-601-023	3	Credit Card Billing			
■ 401-601-024	4	Roamers, (With or Without CDNs)			
■ 401-601-025	1	Upward Handoff			
■ 401-601-026	1	Multiple Supervisory Audio Tone			
■ 401-601-027	1	Automatic Radio Recognition			
■ 401-601-028	3	End Office Appearance Features			
■ 401-601-029	4	AMA Dump for Selected Subscribers System 10, Release 3.1			
■ 401-601-030	5	Limited Service Area System 1000			
■ 401-601-031	2	Routing Service for Emergency Calls Feature Description (Goes in binder 401-900-004)			
■ 401-601-032	2	Allowable Called Number Table System (Goes in binder 401-900-004)			
■ 401-601-033	2	Multiple Roamer Class of Service Feature			
■ 401-601-034	2	Project Accounting Service Authorization Feature			
■ 401-601-035	4	Positive Verification			
■ 401-601-036	1	Analog Option On Digital Terminations			

Number	Issue	Subject
■ 401-610-048	2	AUTOPLEXg Cellular Telecommunications Systems — System 1000 — UNIX* System User Manual
■ 401-610-051	3	System 1000 (Small) Daily Operations (Without CDNs) — Release 1 Generic Program
■ 401-610-055	6.1	AUTOPLEX (2 Vols) Input Message Manual
■ 401-610-057	6.1	AUTOPLEX Cellular Telecommunications Systems — System 1000 — Output Messages (6 Volumes)— Volume 1 ACTV-DGN DCS — Volume 2 DGN DFC-ORD — Volume 3 PRM-REPT CELL RCV — Volume 4 REPT CELL RTU-REPT MON — Volume 5 REPT MOP-WHEN — Volume 6 Supplementary Information
■ 401-610-059	6	System 1000 Input/Output Message Reference Guide
■ 401-610-075	8	System 1000 Routine and Corrective Maintenance (Without CDNs) — Release 1 Generic (10-94)
■ 401-610-077	3.2	AUTOPLEX ECP CDN Audits Outgoing Manual
■ 401-610-078	2.2	AUTOPLEX Cellular Telecommunications System — Cell Site Audits
■ 401-610-079	6	System 1000 Recovery (Without CDNs) — Release 1
■ 401-610-107	4.1	System 10/1000 Cell Site Input/Output Manual
■ 401-610-120	4	AUTOPLEX - Recommended Spare Parts, Tools, and Test Equipment
■ 401-610-132	2	Charge Recording Methods
■ 401-610-133	5	AMA Formats With Cellular Networking Phase II Description
■ 401-610-135	6	AUTOPLEX Cellular Telecommunications System — System 1000 Service Measurements — (With CDNs Call Processing/Database Nodes)
■ 401-610-151	9	Daily Operations (With CDNs)

401-611 AUTOPLEX System 1000 Description (Without CDNs)

■ 401-611-000	2	System 1000 Description (Without CDNs) — Release 1
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AUTOPLEX System 1000 (With CDNs)

Features

■ 401-612-001	1	AUTOPLEX TDMA Call Track Feature Document
■ 401-612-002	1	AUTOPLEX Subscriber Pre-Feature Document
■ 401-612-003	2	AUTOPLEX Auto Roamer Greet Feature Document
■ 401-612-006	1	Calling Number Identification Presentation and Restriction (CNIP/R) (1-95)
■ 401-612-007	1	ISDN Subscriber User Part (ISUP)
■ 401-612-008	1	AUTOPLEX SVC Measurements Reports Generation Feature Document
■ 401-612-009	1	AUTOPLEX Pre-Page Announcement System 1000 Subscriber Option Feature
■ 401-612-010	1	AUTOPLEX Short Message Service
■ 401-612-011	1	AUTOPLEX Default ADWA Record for Home Subscribers Feature Document
■ 401-612-012	1	AUTOPLEX Expanded Spectrum Radio Assignment Modification Feature Document
■ 401-612-013	1	AUTOPLEX Fraudulent Mobile Print Feature
■ 401-612-014	1	AUTOPLEX Long Call Detection/Enhancement
■ 401-612-015	1	AUTOPLEX Roamer Only Romer Access Number Feature Document
■ 401-612-016	2	AUTOPLEX Sequential Cell Site Trunk Hunt Feature (3-94)
■ 401-612-018	1	AUTOPLEX Suppress Master SCNAMA Records Feature Document
■ 401-612-020	3	AUTOPLEX Virtual System Call Routing
■ 401-612-021	3	AUTOPLEX Virtual System Output Message Routing System 1000 With CDN

* UNIX is a registered trademark of Novell, Inc.

Number	Issue	Subject	Number	Issue	Subject
■ 401-612-022	2	Virtual System Input Message Restriction	401-612-058	1	AUTOPLEX Automatic Number Identification Information Digits Optional Feature
■ 401-612-023	5	AMA Teleprocessing	401-612-059	1	AUTOPLEX Feature Documents Subscribers and System Error to Announcement AUTOPLEX Transfer
■ 401-612-024	4	AUTOPLEX Data Base Survey Capability Feature System	■ 401-612-060	1	Mobile Failure Log (With or Without CDNs)
■ 401-612-025	3	Restricted Access Feature	■ 401-612-061	1	AUTOPLEX Immediate Call Trace — Optional Feature
■ 401-612-027	2	Carrier Access Code Restriction (With or Without CDNs)	■ 401-612-062	1	AUTOPLEX Feature Documents Selectable Paging Tone
■ 401-612-028	1	AUTOPLEX Virtual System AMA Event Recording Feature Document	■ 401-612-063	2	AUTOPLEX Cancel Call Waiting Optional Feature
■ 401-612-030	2	Credit Card Phone/32-Digit Dialing	■ 401-612-064	1	Customer Control Of Output Message Feature
■ 401-612-031	1	AUTOPLEX Series II Six Sector Support Optional Feature	■ Appendix 1	2	AUTOPLEX Initial Setup of CCOM Data Bases System 1000
■ 401-612-032	2	AUTOPLEX Voice Mail Notification — System 1000 with Call Processing/Data Base Nodes	■ 401-612-066	1	AUTOPLEX Positive Paging Default
■ 401-612-033	1	AUTOPLEX Series II Growth Frame Support Optional Features	■ 401-612-067	2	AUTOPLEX NONAR Capable Flood Paging Feature
■ 401-612-034	2	Expanded Spectrum Capability	■ 401-612-068	1	AUTOPLEX Digital Preference for Handoffs
■ 401-612-035	1	Autoplex Subscriber PIN Intercept (SPINI) (2-95)	■ 401-612-069	2	AUTOPLEX Mobile Station Test
■ 401-612-037	4	E1A Function Code	■ 401-612-070	2	AUTOPLEX - Message Retrieval Code System 1000 with Call Processing/Data Base Nodes
■ 401-612-040	4	Manufacturer Code Validation (With or Without CDNs)	■ 401-612-071	3	AUTOPLEX Networking Roamer With Call Processing Database Modes
■ 401-612-042	1	AUTOPLEX Subscriber Call Quality Rating Feature Document	■ 401-612-072	2	AUTOPLEX - Multi Units with Same Directory Number
■ 401-612-044	2	Programmable Treatment Routing	■ 401-612-073	3	AUTOPLEX - Dynamic Channel Allocation, System 1000 (with Call Processing/Database Nodes)
■ 401-612-045	1	AUTOPLEX Alarm Summary Print	■ 401-612-074	2	AUTOPLEX - Split NPA With Short Mobile ID Numbers Paging Feature
■ 401-612-047	2	Remote Feature Activation	■ 401-612-075	3	AUTOPLEX - Control Point Switch Handoff Restriction
■ 401-612-048	1	System 1000 Administrable Digital Padding Feature (With/Without Call Processing/Data Base Node)	■ 401-612-076	2	AUTOPLEX-Wide Short Mobile ID No. Paging System With Call Processing/Database Modes
■ 401-612-050	1	Tandem Trunk Switching	■ 401-612-078	1	AUTOPLEX Interim Standard 41 Roamer Administration Service
■ 401-612-051	1	Immediate Bill with Multiple System — Optional Features	■ 401-612-079	1	AUTOPLEX Feature Documents — TS-41 Message Recording Service Interface (MRS)
401-612-052	2	AUTOPLEX Feature Documents — RF Call Trace			
■ 401-612-054	3	Virtual System Recent Change/Verify Access			
■ 401-612-055	1	AUTOPLEX Increased Court Ordered Surveillance			
■ 401-612-057	4	User Defined Alarms			

Number	Issue	Subject
■ 401-612-080	3	AMA Search
■ 401-612-081	1	Automatic Call Trace
■ 401-612-082	1	AUTOPLEX Series II Cell Site Directional Setup
■ 401-612-083	1	AUTOPLEX Virtual System Tones and Announcement
■ 401-612-084	1	AUTOPLEX Message Recording Service Equal Access Interface
■ 401-612-085	1	AUTOPLEX Operator Call Restrictions Announcement
■ 401-612-086	1	AUTOPLEX Homer Electric Number Fraud Check
■ 401-612-088	1	AUTOPLEX Fraudulent SOR Tumbling Electric Serial Number
■ 401-612-089	3	AUTOPLEX Billing Network Automatic Message Accounting Optional Features
■ 401-612-090	1	AUTOPLEX Partial Station Class Mark in Automatic Message Accounting
■ 401-612-091	1	AUTOPLEX Primary Clock Alarm
■ 401-612-092	1	AUTOPLEX Forced Handoff
■ 401-612-093	1	AUTOPLEX Reserved Radios for Handoff
■ 401-612-094	1	AUTOPLEX Roamer Only Restricted Cellular Network Handoff
■ 401-612-095	2	AUTOPLEX Radio Reservation for Priority Subscriber
■ 401-612-096	2	AUTOPLEX Operator Services Signaling Feature
■ 401-612-097	1	AUTOPLEX Dialed Digits in Automatic Message Accounting
■ 401-612-098	1	AUTOPLEX Recent Change/Verify Overload Access Control Option Feature
■ 401-612-099	1	AUTOPLEX Periodic Cross Face Locate
■ 401-612-100	1	Autoplex Subscriber Form Activity Print (SFAP) (2-95)
■ 401-612-101	1	Series IIIm-T1 Minicell and Series IIImm-T1 Microcell Support (1-95)
■ 401-612-102	1	Autoplex Emergency Call Access (ECA) (2-95)
■ 401-612-103	1	Autoplex Authorized Roaming Lists (ARS) and Home Only Service (4-95)
■ 401-612-107	1	Autoplex Drop Dragging Restricted Calls (DDRC) (2-95)

Number	Issue	Subject
■ 401-612-500	2.3	AUTOPLEX Cellular Telecommunications System — System 1000 Series II Release 5.X Features

401-614 AUTOPLEX System Access**CDMA (Code Division Multiple Access)**

■ 401-614-010	11/94	CDMA Product Overview (11-94)
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401-660 AUTOPLEX System 1000 Series II

■ 401-660-060	2	AUTOPLEX Cellular Telecommunications System 100 Compact Base Station Description, Operation, & Maintenance
■ 401-660-100	3	AUTOPLEX Cellular Site Description
■ 401-660-101	4.1	AUTOPLEX SER II Cellular Site Diagnostic Test Description System 1000
■ 401-660-105	1	AUTOPLEX Series II Linear Amplifier Circuit itenance Procedures — System 1000
■ 401-660-106	2	AUTOPLEX Cell Site Translation
■ 401-660-109	1	AUTOPLEX Cellular Operation 1V Systems Traffic Alarmer—User's Guide
■ 401-660-110	2	AUTOPLEX Cell Site Letters Engineering Guidelines
■ 401-660-111	1	AUTOPLEX Guidelines for Minimizing RF Interference in Cellular Systems
■ 401-660-115	1	AUTOPLEX System 1000 Series IIIm and Series IIImm Mini-Cells Description, Operation, and Maintenance (2-95)
■ 401-660-116	1	AUTOPLEX System 1000 Series IIImm T1/E1 Micro-Cell Description, Operation, and Maintenance (2-95)
■ 401-660-117	1	AUTOPLEX System 1000 Series IIIm-T1/E1 Mini-Cell and Series IIImm-T1/E1 Micro-Cell Cabinet Installation Manual (2-95)
■ 401-660-200	1	AUTOPLEX System 1000 Series II Compact Base Station Cabinet Installation Manual

Number	Issue	Subject
401-661 AUTOPLEX System 1000 Release 4.1		
■ 401-661-000	1	System 1000 System Description
■ 401-661-010	2	AUTOPLEX Cellular Telecommunications Systems — System 1000 — Multiple Systems — Implementation Guidelines
■ 401-661-020	3	AUTOPLEX SS7 Implementation Guidelines R4.1 and Later
■ 401-661-030	2	AUTOPLEX Cellular Telecommunications Systems — System 1000 — Digit-By-Digit— Feature Insert Card
■ 401-661-031	1	AUTOPLEX Cellular Telecommunications Systems — System 1000 — Routing Description
■ 401-661-040	1	Autonomous Registration — Engineering Guide
■ 401-661-045	1	AUTOPLEX Common Network Interface (CNI) Ring Maintenance
■ 401-661-111	2	AUTOPLEX Cellular Telecommunications Systems — System 1000 — Series II — Microcell Implementation, Installation and Maintenance Guidelines
■ 401-661-115	1	AUTOPLEX Extended Total Access Communication System (ETACS) Universal Fiber Microcell Implementation, Installation, and Maintenance Guide
■ 401-661-116	1	Advanced Mobile Phone Service (AMPS) — Universal Fiber Microcell — Implementation, Installation and Maintenance Guide
■ 401-661-215	1	AUTOPLEX Extended Total Access Communication System (ETACS) Universal Microcell (2-95)
■ 401-661-216	1	AUTOPLEX Extended Total Access Communication System (ETACS) Universal Microcell (2-95)

401-662 AUTOPLEX System 1000 Operation Management Platform (OMP)

■ 401-662-001	2.1	System 1000 OMP User's Guide (11/94)
■ 401-662-002	2.1	System 1000 OMP Installation Guide (11/94)

Number	Issue	Subject
401-7 Customer Documentation and Wireless Products		
401-701 Wireless Subscriber System (WSS)		
System Related Documents		
■ 401-701-101	1.1	WSS (Wireless Subscriber System) Description
■ 401-701-102	1.1	WSS Site Preparation Guide
■ 401-701-105	1	WSS Remote Access Feature Guide (12-94)
Cell Related Documents		
■ 401-701-201	1.1	WSS Database Guide
■ 401-701-202	1.1	WSS Daily Operations and Maintenance Guide
■ 401-701-203	1.1	WSS Output Message Manual
■ 401-701-204	1.1	WSS Cell Diagnostic Description
Interface Network		
■ 401-701-301	1.01	WSS Installation, Test, and Maintenance Guide (3 Vols.)
■ 401-701-302	1.1	WSS Interface Network Administration Guide

401-9 Optional Binders with Tabs

■ 401-900-004	--	System Features (2 Volumes) Volume 1 contains the documents listed below.
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401-601-011	401-601-012
401-601-013	401-601-014
401-601-020	401-601-021
401-601-022	401-601-023
401-601-024	401-601-025
401-601-026	401-601-027
401-601-028	401-601-029
401-601-030	401-601-031
401-601-032	401-601-033
401-601-035	401-601-080

Volume 2 contains the documents listed below.

401-612-020	401-601-021
401-612-022	401-612-023
401-612-024	401-612-025
401-612-027	401-612-030
401-612-034	401-612-037
401-612-040	401-612-044
401-612-047	401-612-050
401-612-057	401-612-060

Number	Issue	Subject
■ 401-900-004BSA	4	AUTOPLEX (3 Vols) Binder Subassembly for Feature Documents (This is a component — Order 401-900-004 to receive complete binder job.)
■ 401-900-006	1	AUTOPLEX Engineer Letter (Binder, Tabs, and Inserts)
■ 401-900-007	--	D&D And Routing
■ 401-900-007BSA	1	D&D And Routing Binder Sub Assembly
■ 401-900-010	1	AUTOPLEX Binder Subassembly (Binder, Tabs, and Inserts Only)
■ 401-900-061	--	Executive Cellular Processor (ECP) Description Binder (2 Volumes) Volume 1 contains the documents listed below. 254-302-005 254-302-020 254-302-105 254-302-110 254-302-115 254-302-212 254-302-221 254-341-000 254-341-100 254-341-114 254-341-115 254-341-116 254-341-200 254-341-210 254-341-220 254-341-230 254-341-235 254-341-240 254-341-245 Volume 2 contains the documents listed below. 254-001-014 254-302-800 254-302-830 254-302-831 254-302-832 254-302-837
■ 401-900-061BSA	1/95	AUTOPLEX Binder Sub-Assembly

Division 402**Antennas, Transmission Lines, and Waveguide****402-0 Indexes and Equipment Test Lists****402-1 Transmission Lines and Waveguide****402-3 VHF/UHF Antennas****402-4 Microwave Antennas**

Number	Issue	Subject
402-0 Indexes and Equipment Test lists		
402-000-000	48	Numerical Index — Division 402 — Antennas, Transmission Lines, and Waveguide
402-001-011	6	Microwave Radio

402-1 Transmission Lines and Waveguide**402-100 Coaxial Transmission Lines and Connectors**

402-100-100	1	Description
402-100-200	1	Installation

402-110/120 Waveguide**KS-20001 Flanging Kit**

402-110-220	1	Field Flanging of Rectangular Waveguide Sections
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402-3 VHF/UHF Antennas**402-300 Federal FTR-29C Antenna System**

402-300-100	1	Description
402-300-500	1	Maintenance

402-302 Base Station Mobile Telephone Service Antennas

402-302-100	2	Description
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Number	Issue	Subject
402-304 Mobile Station Mobile Telephone Service Antennas		
402-304-100	1	Description
402-304-206	1	KS-15510 Whip
402-304-210	1	Method of Terminating Coaxial Cable
402-304-211	1	Removal of Antennas

402-307 RF Filters

402-307-100	2	Description and Applications
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402-4 Microwave Antennas**402-400 Return Loss Measurements**

402-400-100	1	General Theory
402-400-330	2	Periodic Test Intervals
402-400-501	3	TD-2 System — Using 45A Test Set
402-400-502	1	Return Loss Measurements Through TD-2, TD-3, TD-3A, TD-3D, and TH-3 Transmitter Receiver Bays
402-400-503	1	TH System
402-410-100	1	General — Maintenance

402-420 KS-5759 Delay Lens Antenna

402-420-100	4	Description
402-420-200	4	Installation
402-420-330	4	Periodic Test Intervals
402-420-500	2	Tools, Materials, and Safety Precautions
402-420-501	1	Repair Procedures
402-420-502	1	Replacing Weather Cover and Lens
402-420-503	1	Rehabilitating Lens Elements
402-420-504	1	Gain Measurement

402-421 KS-15676 Horn-Reflector and Waveguide System

402-421-100	3	Description
402-421-201	5	Antenna Assembly
402-421-202	5	Antenna Installation
402-421-203	3	Circular Straight Rigid Waveguide and Circular Flexible Waveguide — Installation

Number	Issue	Subject	Number	Issue	Subject
402-421-204	3	Systems Combining Network	402-423 KS-16320 Passive Reflector		
402-421-205	2	Rectangular Waveguide, Rigid and Flexible	402-423-100	1	Description
402-421-206	1	Orientation Using ED-59410-70 Transducer	402-423-201	1	List of Tools and Equipment
402-421-207	1	Orientation Using 11A Directional Coupler	402-423-202	1	Assembly of List 1 Reflector
402-421-208	1	Orientation Using 21A Coupler	402-423-203	1	Assembly of List 2 Reflector
402-421-209	1	Use of the AT-8550 Tools	402-423-204	1	Assembly of Mount for List 1 Reflector
Addendum	1		402-423-205	1	Assembly of Mount for List 2 Reflector
402-421-210	2	Horn-Reflector Orientation Using 33A or 43A Transducer and Waveguide System Alignment	402-423-206	2	Installation of Lists 1 and 2 on Miscellaneous Structures
■ 402-421-210AC	1	Microwave Antennas — Horn-Reflector Orientation Using 33A or 43A Transducer and Waveguide System Alignment (11-93)	402-423-207	2	Installation of Lists 1 and 2 on the AT-7728B Guyed Tower, and List 1 on the AT-8009C Guyed Tower and the AT-8013C Self-Supporting Tower
Addendum	1		402-423-208	2	Installation of Lists 1 and 2 on the AT-7729B Self-Supporting Tower
402-421-220	1	KS-15676 L15 Modification Kits	402-423-209	2	Elevation Adjustment for Lists 1 and 2
402-421-221	1	KS-15676, L19, L20, L21, and L22 Modification Kits	402-423-210	2	Azimuth Adjustment for Lists 1 and 2
402-421-250	1	Substituting Performed Rigid for Circular Flexible Waveguide	402-423-211	1	Curvature Adjustment for List 2
402-421-330	2	Periodic Test Intervals	402-423-212	2	Immobilization of Lists 1 and 2
402-421-501	2	Horn-Reflector Assembly	402-423-330	1	Periodic Test Intervals
402-421-502	2	Weather Cover	402-423-400	2	Supplementary Drawings
402-421-503	1	Feed Horn, Mounting Base and Frame, and Flexible Waveguide	402-423-501	2	Tools, Materials, and Safety Precautions
402-421-504	1	Rigid Waveguide and Restrainer	402-423-502	2	Inspection and Repairs
402-421-505	1	Square Restrainer, Hood, Compensator Transducer, and 11A Directional Coupler	402-424 KS-19570 Passive Reflector		
402-421-506	3	In-Service Air Leak Detection and Correction	402-424-100	1	Description
402-421-507	1	Reflector Surface	402-424-200	1	Assembly and Installation
402-422 KS-21972 Conical Antenna			402-424-500	1	Maintenance
402-422-100	1	Microwave Antennas — KS-21972 Conical Antenna and Waveguide System — Description	402-424-501	1	Initial Alignment Elevation and Azimuth Adjustment
402-422-200	2	KS-21972 Conical Antenna and Waveguide System — Antenna Assembly and Installation — Microwave Antennas	402-430/459 Parabolic Antennas		
402-422-501	1	Microwave Antennas — KS-21972 Conical Antenna — Repair of Bullet Holes	General Maintenance		
			402-430-501	2	Resin Erosion
			402-431 KS-5708 List 1 Perforated Parabolic Antenna		
			402-431-100	1	Description

Number	Issue	Subject
402-432 KS-5708 List 2 Non-Perforated Parabolic Antenna		
402-432-100	1	Description
402-433 KS-15970 Parabolic Antenna		
402-433-200	1	Assembly and Installation
402-435 KS-15852 Parabolic Antenna		
402-435-200	1	Assembly and Installation
402-436 KS-15837, KS-15838, and KS-15924 Parabolic Antennas		
402-436-200	1	Assembly and Installation
402-438 KS-19273 Parabolic Antenna Radome		
402-438-200	1	Installation

Division 403**Coastal Harbor, High Seas, Overseas, And Emergency Point-to-Point Radio****403-0 Index****403-1 Common Equipment****403-2 Coastal Harbor Radio****403-3 High Seas and Overseas Radio****403-4 Over-the-Horizon Radio Systems (2-GHZ)****403-8 Emergency Point-to-Point Radio**

Number	Issue	Subject
403-0 Index		
403-000-000	46	Numerical Index — Division 403 — Coastal Harbor, High Seas, Overseas, and Emergency Point-to-Point Radio

403-1 Common Equipment**403-101 A-1 Vogad**

403-101-100	1	Description
403-101-330	2	Periodic Test Intervals
403-101-500	2	Maintenance

403-102 J68313E Syllabic Frequency Amplifier-Detector

403-102-100	1	Description
403-102-330	1	Periodic Test Intervals
403-102-500	1	Maintenance

403-2 Coastal Harbor Radio**403-200 Task Oriented Practices (TOP)**

▲403-200-501	2	Control Terminal and Routiner Test Set
▲403-200-502	2	Coast Station Receivers
▲403-200-503	2	Coast Station Transmitters

Number	Issue	Subject
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403-202/219 Overall Systems**Using MM System Control Terminal**

403-202-100	2	System Description and Operation
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403-220/239 Control Terminals and Associated Equipment**MM Control Terminal**

403-222-100	2	Description
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403-240/259 Transmitters**Aeronautical Communications Equipment Model 446-21**

403-242-100	1	Description
403-242-330	1	Periodic Test Intervals
403-242-500	1	Maintenance

403-243 KS-20818L1, KS-20819L1, and KS-20820L1 Coast Station

403-243-100	2	Description
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403-265 AEROCOM* Model 3604 Receiver

403-265-100	1	Description
403-265-330	1	Periodic Test Intervals
403-265-500	1	Receiver and Associated Test Equipment — Maintenance

403-266 KS-20821 and KS-20822 Coast Station Receiver

403-266-100	2	Description
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403-280 KS-21277 Routiner Test Set

403-280-100	2	Description, Operation, and Maintenance
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* AEROCOM is a registered trademark of Aeronautical Communications Equipment, Inc.

Number	Issue	Subject
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403-3 High Seas and Overseas Radio**403-300/312 Overall Systems****Lincompex Mark II**

403-310-100	1	Description
403-310-101	1	Description — Transmit Unit
403-310-102	1	Description — Receive Unit
403-310-201	1	Installation — Transmit Unit
403-310-202	1	Installation — Receive Unit
403-310-501	1	Tests — Transmit Unit
403-310-502	1	Tests — Receive Unit
403-310-800	1	Transmit and Receive Units — Parts List

403-311 Maritime Lincompex

403-311-100	1	100/101 Terminal — Description
403-311-101	1	100/101 Transmit Unit — Description
403-311-102	1	100/101 — Receive Unit — Description
403-311-301	1	100/101 Transmit/Receive Terminal — Installation
403-311-501	1	100/101 Transmit/Receiver Terminal — Tests
403-311-502	1	100/101 Transmit/Receive Terminal — Alignment

403-313/329 Control Terminals and Associated Equipment**B1 Channel Shifter**

403-313-100	1	General Description
403-313-501	1	Test and Alignment
403-315-300	1	Control System for Highseas Radio Station

B3 Privacy Device

403-323-100	1	Description
403-323-330	1	Periodic Test Intervals
403-323-500	1	Maintenance

Number	Issue	Subject
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403-330/349 Transmitters**LD-T2 Transmitters**

403-330-100	1	J41611A (4.0-23 MHz) and J41611AA (4.5-28 MHz) — Description
403-330-300	1	Operation
403-330-501	1	Tests and Adjustments
403-330-502	1	Alignment
403-330-503	1	J41611A (4.0-23 MHz) and J41611AA (4.5-28 MHz) — Trouble Location
403-330-701	1	Servo System Adjustment

Westinghouse MS Amplifier

403-331-100	1	Description
403-331-300	1	Operation
403-331-501	1	Tests
403-331-502	1	Alignment
403-331-503	1	Trouble Location
403-331-504	1	Inspection
403-331-700	1	Type MS and Type MS (Modified) — Mechanical Adjustments and Lubrication

403-332 RF COMM Type 740 Transmitter

403-332-100	1	Description
403-332-200	1	Installation
403-332-300	1	Operation
403-332-501	1	Tests
403-332-502	1	Alignment

403-350/379 Receivers**LD-R1 Radio Receiver**

403-351-100	1	Description
403-351-300	1	Operation
403-351-501	1	Tests
403-351-502	1	Troubleshooting
403-351-700	1	Mechanical Adjustments and Lubrication
403-351-800	1	Ordering Information

Number	Issue	Subject
403-380/389 Miscellaneous Equipment		
Antenna Multicouplers KMS-101B		
403-380-100	1	Antenna Coupler — Description and Test
Frequency Measurement Circuit		
403-383-100	1	Description
403-383-500	1	Test and Adjustment
403-4 Over-the-Horizon Radio Systems (2-GHz)		
403-403 FARINON* Type SS2000W-02		
403-403-100	1	Overall System — Description
403-403-101	1	Transmitter — Description
403-403-102	1	Receiver — Description
403-403-301	1	Overall System — Operation
403-403-501	1	Transmitter-Receiver Tests — In-Service Tests and Adjustments
403-403-502	1	Transmitter-Receiver Tests — Alignment
403-405 ITTL NUS 3653-8 10-KW Power Amplifier		
403-405-100	1	Description
403-405-300	1	Operation
403-405-501	1	Test and Alignment
403-405-701	1	Maintenance
403-405-801	1	Mechanical Procedures — Klystron Replacement
403-407 ITTL NUS 4492-1 Order-Wire and Pilot Tone Equipment		
403-407-100	1	Description
403-407-501	1	Test and Adjustment
403-413 ITTL NUS 3298 Receiver		
403-413-100	1	Description
403-413-301	1	Operation and Maintenance
403-413-501	1	Primary Voltage Measurements — Test and Maintenance

Number	Issue	Subject
403-413-502	1	NUS 3360 Local Oscillator — Test and Maintenance
403-413-503	1	NUS 3354 RF Amplifier — Tests and Adjustments
403-413-504	1	IF Attenuator — Test and Maintenance
403-413-505	1	NUS 3300 Diplexer-Preselector — Test and Adjustment
403-413-507	1	NUS 3306 Dual IF Combiner — Test and Adjustment
403-413-508	1	Alignment Tests and Adjustments
403-413-509	1	Dual Diversity Operation — Tests and Adjustments

403-414 ITTL NUS 3297 Converter-Amplifier

403-414-100	1	Description
403-414-301	1	Operation
403-414-500	1	Maintenance

403-415 ITTL NUS 3296 Power Amplifier

403-415-100	1	ITTL 12A-1 — Description
403-415-301	1	ITTL 12A — Operation
403-415-501	1	Maintenance and Calibration
403-415-502	1	ITTL 12A-1 — Klystron Alignment
403-415-503	1	ITTL 12A-1 — Klystron Replacement

403-8 Emergency Point-to-Point Radio**403-801 EC-C1 Control Terminal**

403-801-100	1	Description
403-801-330	1	Periodic Test Intervals
403-801-500	1	Maintenance

403-802 EC-1 System (MOTOROLA*)

403-802-101	1	EC-T1 Transmitter
403-802-102	1	EC-R1 Receiver

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Division 404**Manual Mobile Radio****404-0 Index and Equipment Test List****404-1 Overall System****404-2 Base Station Terminal Equipment****404-3 Mobile Stations****404-5 35 MC Transmitters and Receivers****405-6 150 MC Transmitters and Receivers**

Number	Issue	Subject
404-0 Index and Equipment Test List		
404-000-000	18	Numerical Index — Division 404 — Manual Mobile Radio"
404-001-011	1	Equipment Test List

404-1 Overall System**404-100 Base Station Lineup**

404-100-500	3	General
404-100-501	4	Circuit Facilities Tests
404-100-502	7	Transmitter Frequency and Modulation
404-100-503	3	G-Type Control Terminal Levels
404-100-504	2	H-Type Control Terminal Levels
404-100-505	5	Receiver Output Level Using Test Transmitter
404-100-506	4	Receiver Output Level Using Frequency Converter
404-100-507	3	Receiver Output Level Using FM Signal Generator
404-100-508	3	G-Type Control Terminal Arranged for Full Duplex Operation
404-100-509	3	Talking Tests

Number	Issue	Subject
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404-2 Base Station Terminal Equipment**404-201 G-2 Control Terminal**

404-201-100	2	General Description
404-201-101	1	Monitoring and Remote Control Circuit
404-201-300	2	Operation
404-201-500	2	Maintenance

404-202 H-Type Control Terminal

404-202-000	2	Base Station Terminal Equipment — General
Addendum	1	
404-202-100	1	Description
404-202-500	1	Maintenance

404-203 B1 and B2 Vogads

404-203-000	4	General
404-203-100	5	Description
404-203-300	5	Placing In and Removing From Service
404-203-500	6	General Test Information
404-203-501	2	Tests

404-204 A1 and A2 Noise Reducers

404-204-100	2	Description
404-204-300	2	Placing In and Removing From Service
404-204-500	2	General Test Information
404-204-501	1	Tests

404-205 J68311A Selective Signaling Oscillator

404-205-100	1	Description
404-205-500	1	Maintenance

404-206 J68312C VF Amplifier

404-206-100	1	Description
404-206-500	1	Maintenance

Number	Issue	Subject	Number	Issue	Subject
404-207 MOTOROLA* Start-Dial Indicator			Trouble Location		
404-207-100	1	Description	404-300-510	2	General Trouble Analysis
404-207-500	1	Maintenance	404-300-511	2	Primary Power
404-210/211 Trunk Terminating Circuits			404-300-512	2	Receivers
404-210-000	1	J68352 Trunk Terminating Circuit	404-300-513	2	Mechanical Selectors
404-211-000	4	J41634 Trunk Terminating Circuit	404-300-514	2	Electronic Selectors
404-220/225 Remote Control Chassis			404-300-515	2	Transmitters
MOTOROLA WE-8066-L			404-300-516	2	Control Unit, Junction Box, and Wiring
404-220-100	1	Description	404-310 Control Units and Junction Boxes		
404-220-500	1	Maintenance	404-310-100	2	General Description
GENERAL ELECTRIC† 4KC4A2 Rev. RC286			404-320/323 Selectors		
404-225-000	1	Description and Maintenance	404-320-100	2	General Description
404-230/231 Power Supply			Type 106A		
MOTOROLA WE-8464			404-321-100	1	Description
404-230-100	2	Description	404-321-500	1	Maintenance
404-230-500	2	Maintenance	404-321-801	1	Modification for Improved Signaling, Increased Pulse Codes, and Relay Changes
MOTOROLA P-8531			Scantlin S.E.I. — 1315		
404-231-000	1	General	404-323-000	2	General
404-3 Mobile Stations			404-323-100	2	Description
Installation			404-323-200	2	Installation
404-300-200	1	General	404-323-500	2	Maintenance
404-300-201	1	Two-Way Service — Passenger Cars	404-4 35 MC Transmitters and Receivers		
Tests			404-422 Type 41B — Base Station Receivers		
404-300-500	3	General	404-422-100	2	Description
404-300-501	2	Receivers and Selectors	404-422-500	1	Maintenance
404-300-502	2	Transmitters	404-422-801	1	Modification to Improve Codan Operation
404-300-503	2	Over-all Talking Tests	404-422-802	1	Modification to Relocate Controls and Jacks
			404-422-803	1	Modification to Provide Crystal Protection
			404-422-804	1	Modification to Provide Output Screw Terminals
			404-422-805	2	Modification to Codan Circuit Output
			404-422-806	1	Modification to Improve Selectivity

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† GENERAL ELECTRIC is a registered trademark of General Electric Company.

Number	Issue	Subject
404-462 GE* Progress Line		
404-462-000	1	Description, Operation, and Maintenance
404-462-150	1	Condensed Specifications

404-5 150 MC Transmitters and Receivers**404-501/506 Base Station Transmitters****MOTOROLA WETU-250-BC and WETU-50-B1 Base Station Transmitters**

404-501-100	2	Description
404-501-500	2	Maintenance
404-501-801	1	Modification for Use With J41625 Remote Power Control Unit
404-501-802	1	Modifications to WE-8332 Exciter

MOTOROLA PA-8491-B, PA-8492, WE-8497, and WE-8497-A Base Station Transmitters

404-502-000	1	General
404-502-100	1	Description
404-502-500	1	Maintenance
404-502-801	1	Modification to Convert WE-8497 Transmitter to WE-8797-A

GE PLM-7484519-G11 Transmitter and PL-7776064-G1 Multifrequency Panel Base Station Transmitters

404-504-000	1	General
404-504-100	1	Description
404-504-500	1	Maintenance

GE 4ET1E1 Rev. RC 286 Base Station Transmitters

404-505-100	1	Description
404-505-500	1	Maintenance

GE 4ET21A12 RC705 4EP4A1 RC705 Base Station Transmitters

404-506-100	1	Description
404-506-500	1	Maintenance

404-524/525 Base Station Receivers**GE 4ER21A1 Rev. RC286 Base Station Receiver**

404-524-100	1	Description
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Number	Issue	Subject
404-524-500	1	Maintenance
GE 4ER25B12 RC705 Base Station Receiver		
404-525-100	1	Description
404-525-500	1	Maintenance

404-541/543 Base Station Transmitter-Receivers**MOTOROLA J-41630A Base Station Transmitter-Receivers**

404-541-100	1	Description
404-541-500	1	Maintenance

GE J-41630B Base Station Transmitter-Receivers

404-542-100	1	Description
404-542-500	1	Maintenance

GE J-41630C Base Station Transmitter-Receivers

404-543-100	1	Description
404-543-500	1	Maintenance

* GE is a registered trademark of General Electric Company.

Division 405**MJ, MK, and ML Mobile Radiotelephone****405-0 Index and Equipment Test Lists****405-1 MJ/MK Overall System****405-2 MJ/MK Base Station****405-3 MJ/MK Mobile Station****405-8 Private Mobile Radio Systems**

Number	Issue	Subject
405-0 Index and Equipment Test Lists		
405-000-000	69	Numerical Index Division 405 — MJ, MK, and ML Mobile Radiotelephone
405-001-011	5	MJ, MK, and ML — ETL

405-1 MJ/MK Overall System

405-100-101	1	MJ System — General Description
405-100-102	1	MK System — General Description

405-2 MJ/MK Base Station**405-200 Lineup**

405-200-501	2	MJ System
405-200-502	2	Remote Signaling System
Addendum	1	
405-200-503	1	System Line-Up
405-200-504	1	Mobile Simulator — System Performance Checks

405-210 Information Common to Large and Small System Control Terminals**Tests**

405-210-501	2	Tone Generator
405-210-502	2	Tone Detector
405-210-503	4	Receive Line Terminating Unit and Receiver Selector

Number	Issue	Subject
405-210-504	2	Vogad Tests
405-210-505	2	Vogad Alignment
405-210-506	2	Sonad
405-210-507	3	Transmit Line Terminating Unit
405-210-701	2	ITT Telecom Relay Test and Adjustment Procedures

405-211 MJ and MK Large System Control Terminals

405-211-100	1	Description
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Tests

405-211-509	2	Link Circuit and Link Allotter Circuit
405-211-510	3	Common Pulse Circuit
405-211-511	2	Duplicate Switching and Test Access Circuit
405-211-512	3	Transmitter Control Circuit
405-211-513	2	Channel Selector
405-211-514	2	Base Station Identifier Control Circuit
405-211-515	1	Test Transmitter Control Panel Tests (MJ)
405-211-516	2	Technical Operator Test Panel
405-211-517	3	Test Panel — Common Control Circuit Tests and Service-Trouble Indications

Mechanical Adjustments

405-211-702	2	Crossbar Switch
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405-212 MJ and MK Small System Control Terminals

405-212-100	1	General Description
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Tests

405-212-501	2	Link Circuit
405-212-502	2	Base Station Identifier Control Circuit
405-212-503	2	Test Panel
405-212-504	1	Transmitter Control Circuit

405-221 MOTOROLA* KS-19618 Base Transmitters (MJ)

405-221-100	2	General Description
405-221-501	3	High-Power Transmitter Tests
405-221-502	3	High-Power Transmitter Alignment

Number	Issue	Subject	Number	Issue	Subject
405-221-503	1	Low-Power Transmitter Tests	405-256 KS-20286 Base Transmitter Combiner (MK)		
405-221-504	2	Low-Power Transmitter Alignment	Addendum	1	
405-221-505	3	Test Transmitter Test	405-256-100	1	Description and Installation
405-221-506	3	Test Transmitter Alignment	Addendum	1	
405-225 MOTOROLA KS-20285 Base Transmitters (MK)			405-256-501	1	Test and Adjustments
405-225-100	1	Description	405-3 MJ/MK Mobile Station		
405-225-200	1	Installation	405-311 MOTOROLA KS-19609 Mobile Radio (MJ)		
405-225-501	2	Test Procedures	405-311-100	3	General Description
405-225-502	2	Alignment	405-311-101	1	Supervisory Unit Description
405-225-503	1	Trouble Location	405-311-200	1	Installation
405-231 MOTOROLA KS-19618 Base Receiver (MJ)			405-311-501	2	Transmitter-Receiver Tests
405-231-100	2	General Description	405-311-502	2	Transmitter-Receiver Alignment
Addendum	1		405-311-505	1	Supervisory Unit Tests
405-231-501	1	Tests	405-312 GENERAL ELECTRIC* KS-19852 Mobile Radio (MJ)		
405-231-502	2	Alignment	405-312-100	1	General Description
405-235 KS-20285 Base Receiver (MK)			405-312-101	1	Supervisory Unit Description
405-235-100	1	Description	405-312-200	1	Installation
405-235-200	1	Installation	405-312-501	1	Receiver Tests
405-235-501	1	Tests	405-312-502	1	Receiver Alignment
405-235-502	1	Alignment	405-312-503	1	Transmitter Tests
405-235-503	1	Trouble Location	405-312-504	1	Transmitter Alignment
405-241 MOTOROLA KS-19618 Base Transmitter-Receiver (MJ)			405-312-505	1	Supervisory Unit Tests
405-241-100	2	General Description	405-313 MOTOROLA KS-21466 (MJ)		
405-241-501	3	Tests	405-313-100	1	Mobile Radio Transmitter-Receiver — General Description
405-241-502	3	Alignment	405-315 MOTOROLA KS-20282 (MK)		
405-245 KS-20285 Base Transmitter-Receiver (MK)			405-315-100	1	Description
405-245-100	1	Description	405-315-101	1	Supervisory Unit — Description
405-245-200	1	Installation	405-315-200	1	Installation
405-245-501	2	Tests	405-315-501	2	Transmitter-Receiver Tests
405-245-502	2	Alignment	405-315-502	2	Transmitter-Receiver Alignment
405-255 Mobile Simulator			405-315-505	1	Supervisory Unit — Tests
405-255-100	1	Description and Installation			

* General Electric is a registered trademark of General Electric Company.

Number	Issue	Subject
405-316 MOTOROLA KS-21866		
405-316-100	1	Mobile Radio Transmitter-Receiver — General Description
405-331 KS-19626 and -7 Control Units (MJ)		
405-331-100	1	General Description
405-331-501	1	Tests and Alignment
405-335 KS-20283, L1 Control Unit		
405-335-100	2	Description
❶ 405-335-501	1	Tests

405-8 Private Mobile Radio Systems**405-810 ML Mobile Telephone Overall System**

❶ 405-810-100	1	ML System General Description
❶ 405-810-101	1	Description
❶ 405-810-501	1	Remote Signaling Unit — Tests and Requirements
❶ 405-810-502	1	Lineup

405-812 ML Mobile Telephone —Control Terminal

❶ 405-812-100	1	Description
❶ 405-812-501	1	Initial and Routine Test

405-814 ML Mobile Telephone — Base Station

❶ 405-814-100	1	Description
❶ 405-814-101	1	250-Watt Transmitter — Description
❶ 405-814-102	1	Motorola KS-20713 L4-3 Receiver — Description
❶ 405-814-501	1	KS-20713 Transmitter — Routine Tests
❶ 405-814-502	1	KS-20713 Transmitter — Alignment
❶ 405-814-511	1	KS-20713 Receiver — Routine Tests
❶ 405-814-512	1	KS-20713 Receiver — Alignment

Number	Issue	Subject
405-816 ML Mobile Telephone —Mobile Equipment		
❶ 405-816-100	1	KS-20712 — Description
❶ 405-816-101	1	Motorola KS-20712 L2 Mobile Radio Supervisory Unit — Description
❶ 405-816-102	1	KS-20712 L3 Control Unit — Description
❶ 405-816-501	1	KS-20712 L1 Mobile Radio — Transmitter- Receiver Tests
❶ 405-816-502	1	KS-20712 L1 Mobile Radio — Transmitter- Receiver Alignment
❶ 405-816-503	1	KS-20712 L2 Mobile Radio — Supervisory Unit Test

Division 406**Air-Ground Radio****406-0 Index and Equipment Test Lists****406-1 Private Systems****406-2 Public Systems**

Number	Issue	Subject
406-0 Index and Equipment Test Lists		
406-000-000	26	Numerical Index — Division 406 — Air- Ground Radio
Addendum	1	
406-001-011	1	ETL

406-1 Private Systems**406-100 ERCO 361-TB Transmitter**

406-100-000	2	General
406-100-100	2	Description
406-100-200	2	Installation
406-100-500	2	Tests

406-101 ERCO 362-R Receiver

406-101-100	2	Description
406-101-500	2	Tests

406-102 ERCO Type 2040 Carrier-On Monitor

406-102-000	1	Description, Installation, and Maintenance
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406-110 COLLINS* 242F-9C Transmitter

406-110-100	1	Description
406-110-501	2	Initial Adjustments
406-110-502	1	Tests

* COLLINS is a registered trademark of Rockwell International Corp.

Number	Issue	Subject
406-111 MOTOROLA* CM-620 Receiver		
406-111-100	1	Description
406-111-501	1	Initial Adjustments
406-111-502	1	Tests

406-112 MOTOROLA CM-620A Receiver

406-112-100	1	Description
406-112-501	1	Initial Adjustments
406-112-502	1	Tests

406-113 COLLINS 51M-10 Receiver

406-113-100	1	Description
406-113-300	1	Operation
406-113-501	1	Tests
406-113-502	1	Alignment

406-116 Echo-Fox UHF Radio System

Description		
406-116-100	3	Echo Fox II System Base Station — Overall System
Appendix 1	1	Description
Appendix 2	1	Overall System Tests
Appendix 3	1	Test and Alignment
Appendix 4	1	Unit Replacement and Repair Procedures
Appendix 5	1	Installation and Ordering Infor- mation
406-116-101	2	Base Station — General
406-116-102	2	Base Transmitter GE-MASTR Progress Line
406-116-103	2	Base Receiver GE-MASTR Pro- gress Line
Tests		
406-116-500	2	Control Office
406-116-501	2	Base Transmitter GE-MASTR Progress Line
406-116-502	2	Base Transmitter GE-MASTR Progress Line — Alignment
406-116-505	2	Base Receiver GE-MASTR Pro- gress Line

* MOTOROLA is a registered trademark of Motorola, Inc.

Number	Issue	Subject
406-116-506	2	Base Receiver GE-MASTR Progress Line — Alignment
406-116-510	1	Station Power Supply
Addendum	1	
406-116-514	2	Auxiliary Equipment and Antenna Systems
406-116-800	4	Replacement and Repair Procedures

406-120 Project Scopelight

■ 406-120-100	1	Description and Operation
■ Appendix 1	1	Base Station Test and Alignment Procedures
■ Appendix 2	1	Replacement and Repair Procedures

406-190 Project Nightwatch

■ 406-190-110	1	Description and Operation
■ Appendix 1	1	Base Station Test and Alignment Procedures
■ Appendix 2	1	Equipment Replacement and Repair Procedures
■ Appendix 3	1	Mobile Ground Entry Point (MOGEP)—Description and Administration Requirements
■ Appendix 4	1	Mobile Ground Entry Point (MOGEP)—Deployment and Operational Procedures

406-2 Public Systems**406-200 GENERAL ELECTRIC* BO-42NA Base Station**

406-200-100	1	Description
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Tests

406-200-500	1	General Test Information
406-200-501	1	Circuit Facilities
406-200-502	1	K1 Control Terminal Local Tests

Number	Issue	Subject
406-200-503	1	Recording Station Announcement Using KS-16765 Announcement Set
406-200-504	1	Transmitter Modulation Adjustment
406-200-505	1	Receiver Squelch Setting
406-200-506	1	Base Station and K1 Control Terminal Line-Up
406-200-507	1	Talking, Alarm, Control, and Squelch Circuit Tests

406-201 K1 Control Terminal

Addendum	1	
406-201-100	1	Description
406-201-500	2	Tests

406-202 J41642A Trunk Terminating Circuit

406-202-100	1	Description
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406-210 General System Requirements

406-210-500	1	System Lineup
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406-220 KS-21131 Control Terminal

406-220-100	1	General Description
406-220-500	1	Base Station — System Lineup

* GENERAL ELECTRIC is a registered trademark of General Electric Company.

Division 407**Personal Radio Services****407-0 Indexes and Equipment Test Lists****407-1 35 MC Radio Paging System****407-2 150 MC Radio Paging System**

Number	Issue	Subject
407-0 Indexes and Equipment Test Lists		
407-000-000	24	Numerical Index — Division 407 — Personal Radio Services"
Addendum	2	
407-001-011	2	ETL

407-1 35 MC Radio Paging System**407-100 Over-All System**

Addendum	1	
407-100-100	1	Description

Tests

407-100-501	1	Preliminary Tests
407-100-502	1	Control Circuits and Alarms
407-100-503	1	Landline Circuit Facilities
407-100-504	1	Frequency Measurements
407-100-505	1	Multi-Transmitter Systems Line-Up
407-100-506	1	Single Transmitter Systems Line-Up

407-101 Budelman B-250-VA4 Transmitter

407-101-100	1	Description
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407-103 Bogen TR-308 Receivers

407-103-000	1	General
407-103-100	1	Description
407-103-501	1	Models TR-308 and TR-308A
407-103-502	1	Model TR-308B
407-103-503	1	Decoder Wiring

Number	Issue	Subject
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407-104 Bogen TR-360 Receiver

407-104-100	1	Description
407-104-501	1	Tests
407-104-502	1	Alignment

407-105 Bogen STROMBERG-CARLSON* Signaling Control Terminal

Addendum	1	
407-105-100	1	Description

Tests

407-105-500	1	General
Addendum	1	
407-105-501	1	Tone Generator Circuit
407-105-502	1	Register Circuits
407-105-503	1	Signaling Control Circuit
407-105-504	1	Transmitter Control Circuit Panel
407-105-505	1	Transmitter Identifier Circuit
407-105-506	1	Test and Supervisory Circuit
407-105-507	1	222A Interlock Control Circuit

407-2 150 MC Radio Paging System**407-200 Overall System****Description**

407-200-100	1	General Description
407-200-101	2	Transmitter Controls and Alarms

Tests

407-200-500	1	System Lineup
407-200-501	2	Preliminary Delay Equalization
407-200-502	2	Land-Line Circuit Facilities
407-200-503	4	Signaling Tones
407-200-504	2	Station Identification
407-200-508	2	Final Delay Equalization
407-200-509	1	Completed-Call and Trouble Announcements

* STROMBERG-CARLSON is a registered trademark of Stromberg-Carlson Corp.

Number	Issue	Subject
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407-201 MOTOROLA* KS-20429 Transmitter

407-201-100	1	Description
407-201-200	1	Installation
407-201-501	1	Routine Tests
407-201-502	1	Alignment
407-201-503	1	Trouble Location

407-204 MOTOROLA KS-20432, L1 Receiver

407-204-100	1	Description
407-204-501	1	Routine Tests
407-204-502	1	Alignment
407-204-503	1	Trouble Location (with KS-20428 Battery Charger)

407-207 J1 Control Terminal

Tests

407-207-100	1	J99281 — General Description
407-207-501	1	J1 Terminal Switching Circuits
407-207-502	1	J99281S Transmitter Control and Tone Supply Bay

407-210 Auxiliary Equipment

J41643A Base Station Transmitter Trunk Terminating Circuit

407-210-100	2	Description
407-210-501	1	Tests

* MOTOROLA is a registered trademark of Motorola, Inc.

Division 408**Narrowband Auxiliary Channel And Other Non-AT&T Microwave Radio Equipment And TV Off-The-Air Pick-Up Services****408-0 Index and Equipment Test List****408-1 MOTOROLA* Microwave Radio**

- 100 Communications, Standby Type
- 110 Frequency Diversity Type
- 120 Type MR-10
- 130 VX1NO4/05 Fixed Television
- 140 VP1NO1/02 Portable Television

408-2 RCA† Microwave Radio

- 200 Type TTR/TRR
- 210 Type TVM-1A

408-3 Federal and REL Microwave Radio

- 301 Federal FLU-5107 Receiver
- 302 Federal FTR-28C Multiplex
- 310/314 REL Microwave Radio
- 320 ARADCOM (Army Air Defense Command) Microwave System
- 321 FAA Radar Remoting Systems (RML or RML-4)

408-4 Documentation Ordering Information**408-7 Narrowband Microwave Radio Auxiliary Channel**

- 702/705 RAYTHEON‡ KS-20098 or FARINON§ KS-20311 Radio and KS-20099 Multiplex Equipment
- 706 FARINON KS-21046 Multiplex Equipment
- 707 FARINON KS-21047 Multiplex Equipment

408-8 TV Off-the-Air Pick-Up Services

- 800 CONrac¶ AV12 Audio-Video Receivers

* MOTOROLA is a registered trademark of Motorola, Inc.

† RCA is a registered trademark of RCA Corporation.

‡ RAYTHEON is a registered trademark of Raytheon Manufacturing Company.

§ FARINON is a registered trademark of Harris Corporation.

¶ CONrac is a registered trademark of CONrac Corporation

Number	Issue	Subject
408-0 Index and Equipment Test List		
408-000 Index		
408-000-000	18	Numerical Index — Division 408 — Motorola, RCA (Radio Corporation of America), Federal, REL (Radio Engineering Laboratories), Narrowband Auxiliary Channel and Other Non-AT&T Microwave Radio Equipment and TV Off-the-Air Pick-up Services
408-011 Equipment Test List		
Supplement 1	2	
408-001-011	1	Motorola, RCA, Federal, REL, Narrowband Auxiliary Channel and Other Non-AT&T Microwave Radio Equipment and TV Off-the-Air Pick-up Services
408-1 MOTOROLA Microwave Radio		
408-100 Communications, Standby Type		
408-100-000	1	General
408-100-330	1	Periodic Test Intervals
408-100-500	2	Tests
408-110 Frequency Diversity Type		
General		
408-110-000	1	General
408-110-330	1	Periodic Test Intervals
Alignment Procedures		
408-110-500	1	General
408-110-501	1	Equipment Alignment
408-110-502	1	Preliminary Antenna Adjustments
408-110-503	1	MU-180-A Waveguide Diplexer Phase Shifter Adjustment
P-8719-D IF Strip Alignment		
408-110-510	1	General
408-110-511	1	Using Measurements Corp. Model 80 Signal Generator
408-110-512	1	Using Rada-Sweep*

* Rada-Sweep is a registered trademark of Kay Elemetrics Corporation

Number	Issue	Subject	Number	Issue	Subject
Measurements at 6000 Megacycles			Measurements Using Hewlett-Packard 623B SHF Test Set		
408-110-520	1	General	408-120-520	1	General
408-110-521	1	Transmitter	408-120-521	1	Test Flange Loss, Transmitter Power, and Frequency
408-110-522	1	Video Gain Adjustment — Terminals	408-120-522	1	Receiver
408-110-523	1	Receiver	408-120-523	1	Modulation Amplifier — Gain Adjustment
408-110-524	1	Comparator Equalizer Pads — Terminals	Unit Tests		
408-110-525	1	Comparator Equalizer Pads — Repeaters	408-120-530	1	General
408-110-526	1	Comparator Equalizer Pads — Alternate Method	408-120-531	1	Modulation Amplifier
Signal Comparator Adjustment			408-120-532	1	IF Amplifier
408-110-530	1	General	408-130 VX1NO4/05 Fixed Television		
408-110-531	1	MU-161 Signal Comparator Alignment	General		
408-110-532	1	Pilot Receiver	408-130-100	1	Description
408-120 Type MR-10			408-130-330	1	Periodic Test Intervals
General			408-130-500	2	General Test Information
408-120-000	1	General	Transmitter Tests		
408-120-330	1	Periodic Test Intervals	408-130-501	1	Voltages
System Tests			408-130-502	1	RF Tuning
408-120-500	2	General	408-130-503	1	RF Power and Frequency
408-120-501	1	Mixer and Monitor Crystal Tests	408-130-504	1	Alarm Adjustment and Remote Control Operation
408-120-502	1	Power Supply Tests	Receiver Tests		
408-120-503	1	Preliminary RF Tests and Adjustments	408-130-511	1	Voltages
408-120-504	1	Final RF Tests and Adjustments	408-130-512	1	RF Tuning
408-120-505	1	Waveguide Diplexer Phase Shifter Adjustment	408-130-513	1	Mixer Performance and Adjustment
408-120-506	1	AFC Tests and Adjustments	408-130-514	1	AFC Check
408-120-507	1	IF Amplifier Noise Balance and Output	408-130-515	1	Noise Level
408-120-508	2	Signal Comparator Tests and Adjustments	408-130-516	1	Bandpass
408-120-509	1	Pilot Channel Transmitter and Receiver Tests	408-130-517	1	Received Signal Level
408-120-510	1	Sensing Panel Tests and Adjustments	408-130-518	1	Alarm Adjustment and Remote Control Operation
408-120-511	1	Alarm Equipment Tests and Adjustments	System Tests		
			408-130-521	2	Transmitter Deviation and Channel Net Gain
			408-130-522	1	Video Frequency Response
			408-130-523	1	Video Frequency Response Less Terminal Equipment
			408-130-524	1	Square Wave Response

Number	Issue	Subject	Number	Issue	Subject
408-130-525	2	Differential Phase and Gain	408-140-504	1	Alarm Adjustment and Remote Control Operation
408-130-526	1	Noise and Hum			
Unit Tests			Receiver Tests		
408-130-531	1	MU-165 Test Oscillator and Balun Amplifier	408-140-511	1	Voltages
408-130-532	1	MU-231 Video Modulation Amplifier	408-140-512	1	RF Tuning
408-130-533	1	MK-214 RF Box and Control Panel (Transmitter)	408-140-513	1	Mixer Performance and Adjustment
408-130-534	1	MK-215 RF Box and Control Panel (Receiver)	408-140-514	1	AFC Check
408-130-535	1	IF Performance	408-140-515	1	Noise Level
408-130-536	2	IF Alignment	408-140-516	1	Bandpass
408-130-537	1	MU-216 AFC Chassis	408-140-517	1	Received Signal Level
408-130-538	1	MU-230 Video Line Preamplifier	408-140-518	1	Alarm Adjustment and Remote Control Operation
408-130-539	1	MU-169 Video Line Amplifier	System Tests		
408-130-540	1	MU-219 Power Supply	408-140-521	1	Transmitter Deviation and Channel Net Gain
408-130-541	1	MU-206 Power Supply	408-140-522	1	Video Frequency Response
408-130-542	1	MU-207 Power Supply	408-140-523	1	Square Wave Response
408-130-543	1	MU-208 Power Supply	408-140-524	1	Differential Phase and Gain
			408-140-525	1	Noise and Hum
Miscellaneous Information			Unit Tests		
408-130-551	2	Voltage and Resistance Tables	408-140-531	1	MU-165 Test Oscillator and Balun Amplifier
408-130-552	2	List of Test Equipment	408-140-532	1	MU-231 Video Modulation Amplifier
408-130-553	1	Patch Cords	408-140-533	1	MU-204 Control Panel (Transmitter)
408-130-554	1	Electron Tube Compliments	408-140-534	1	MK-209 RF Box (Transmitter)
408-130-555	1	Spare Parts List	408-140-535	1	MU-205A Control Panel (Receiver)
408-130-556	1	Adjusting Transmitter to New Frequency	408-140-536	1	MK-210 RF Box (Receiver)
408-130-557	1	Adjusting Receiver to New Frequency	408-140-537	1	IF Performance
408-140 VP1NO1/02 Portable Television			408-140-538	1	IF Alignment
General			408-140-539	2	AFC Performance
408-140-100	1	Description	408-140-540	1	MU-230 Video Line Preamplifier
408-140-200	1	Installation	408-140-541	1	MU-169 Video Line Amplifier
408-140-300	1	Operation	408-140-542	1	MU-201 Power Supply
408-140-330	1	Periodic Test Intervals	408-140-543	1	MU-202 Power Supply
408-140-500	1	General Test Information	408-140-544	1	MU-203 Power Supply
Transmitter Tests			Miscellaneous Information		
408-140-501	1	Voltages	408-140-551	1	Electron Tube Compliments
408-140-502	1	RF Tuning	408-140-552	1	Spare Parts List
408-140-503	1	RF Power and Frequency			

Number	Issue	Subject
408-140-553	1	Adjusting Transmitter to New Frequency
408-140-554	1	Adjusting Receiver to New Frequency

408-2 RCA Microwave Radio**408-200 Type TTR/TRR****General**

408-200-100	2	Description
408-200-200	1	Installation
408-200-300	1	Operation
408-200-330	2	Periodic Test Intervals
408-200-500	2	General Test Information

Transmitter Tests

408-200-501	1	Assembly
408-200-502	1	Tuning
408-200-503	1	Video Amplifier Gain and Response
408-200-504	1	Frequency and Power Output
408-200-505	1	Fixed Wavemeter Frequency Measurement

Receiver Tests

408-200-511	1	Assembly
408-200-512	1	Tuning
408-200-513	1	AFC Alignment
408-200-514	1	IF Bandpass and Alignment
408-200-515	1	Video Discriminator Alignment
408-200-516	1	AFC Discriminator Alignment
408-200-517	1	Video Amplifier Gain and Response

System Tests

408-200-521	1	Tuning
408-200-522	1	Differential Phase and Gain
408-200-523	1	Baseband Gain and Response
408-200-524	1	Noise and Hum
408-200-525	1	Square Wave Response

Trouble Location

408-200-531	1	Transmitter — Early Model 1B
408-200-532	1	Transmitter — Models 1B and 1C

Number	Issue	Subject
408-200-533	1	Receiver — Models 1B, 1C, and 1D
408-200-534	1	Receiver — Power Supply

Mechanical Procedures

408-200-541	1	Transmitter or Receiver Removal From Weatherproof Housing
408-200-542	1	Removal of Covers from Control Unit Carrying Cases
408-200-543	1	Installing or Removing Transmitter Wavemeter
408-200-544	1	Replacing Klystron

Modifications

408-200-551	1	Low Frequency Conversion Kit
408-200-552	1	Intercommunication Circuit
408-200-553	1	Hum Bucking Circuit
408-200-554	1	Receiver Power Supplies
408-200-555	1	Transmitter Fixed Cavity Wavemeter

408-210 Type TVM-1A**General**

408-210-000	1	General
408-210-200	1	Installation
408-210-300	1	Operation
408-210-330	1	Periodic Test Intervals
408-210-500	1	General Test Information

Transmitter Tests

408-210-501	1	Tuning
408-210-502	1	Modulation-Deviation Reference Voltages
408-210-503	1	Monitor Unit
408-210-504	1	Video Modulator
408-210-505	1	AFC Unit
408-210-506	1	Differential Phase and Gain
408-210-507	1	Video and Square Wave Response
408-210-508	1	RF Power Output and Wavemeter Check
408-210-509	1	Power Supply

Receiver Tests

408-210-511	1	Tuning
408-210-512	1	IF Alignment

Number	Issue	Subject	Number	Issue	Subject
408-210-513	1	IF Preamplifier Alignment	REL 756 Receiver		
408-210-514	1	IF Amplifier Alignment	408-312-100	1	Description
408-210-515	1	Limiter-Discriminator Alignment	408-312-330	1	Periodic Test Intervals
408-210-516	1	Video Amplifier	408-312-500	1	Maintenance
408-210-517	1	AFC Unit	REL 756J Receiver		
408-210-518	1	Differential Phase and Gain	408-313-100	1	Description
408-210-519	1	Video Response	408-313-330	1	Periodic Test Intervals
408-210-520	1	Noise Level	408-313-500	1	Maintenance
408-210-521	1	Power Supply	VF Service Channel For REL 756J Equipment		
System Tests			408-314-100	1	Description
408-210-531	1	Tuning	408-314-330	1	Periodic Test Intervals
408-210-532	1	Differential Phase and Gain	408-314-500	1	Maintenance
408-210-533	1	IF Gain and Video Response	408-320 ARADCOM (Army Air Defense Command) Microwave System		
408-210-534	1	Square Wave Response	408-320-000	1	Collins* MS-508C Microwave and MX-106 Multiplex Systems
408-210-535	1	Noise and Hum	408-321 FAA Radar Remoting Systems (RML or RML-4)		
408-3 Federal and REL Microwave Radio			■ 408-321-501	1	RML-4 Cape Charles — Lees- burg — MW- 103 Transmitting Terminal
408-301 Federal FLU-5107 Receiver			■ 408-321-502	1	RML-4 Cape Charles — Lees- burg — MW- 103 Intermediate Station
408-301-100	1	Description	■ 408-321-503	1	RML-4 Cape Charles — Lees- burg — MW- 103 Receiving Ter- minal
408-301-330	1	Periodic Test Intervals	■ 408-321-504	1	RML-4 Mt Laguna — Palmdale — MW- 105 Transmitting Termi- nal
408-301-500	1	Maintenance	■ 408-321-505	1	RML-4 Mt Laguna — Palmdale — MW- 105 Receiving Terminal
408-302 Federal FTR-28C Multiplex Equipment			■ 408-321-506	1	RML Fallon — Transmitting Ter- minal
408-302-000	1	General	■ 408-321-507	1	RML Fremont — Receiving Ter- minal
408-302-100	1	Description			
408-302-330	1	Periodic Test Intervals			
408-302-500	1	Maintenance			
408-310/314 REL Microwave Radio					
REL 756 Transmitter					
408-310-000	1	General			
408-310-100	1	Description			
408-310-330	1	Periodic Test Intervals			
408-310-500	1	Maintenance			
REL 756J Transmitter					
408-311-000	1	General			
408-311-100	1	Description			
408-311-330	1	Periodic Test Intervals			
408-311-500	1	Maintenance			

* Collins is a registered trademark of Rockwell International Corporation

408-4 Documentation Ordering Information

Number	Issue	Subject
■ 408-400-000AC	1	NEC* DR6-135 Application Manual — 500 Series
■ 408-400-001AC	1	NEC DR6-135 Digital Service Channel — 500 Series
■ 408-400-002AC	1	NEC DR6-135 Transmitter/Receiver — 500 Series
■ 408-400-003AC	1	NEC DR6-135 Radio Systems Application Manual — 500 Series
■ 408-400-004AC	1	NEC DR11-135 Radio Systems Application Manual — 500 Series
■ 408-400-005AC	1	NEC DR6-135 Microwave Radio Overall System — 800 Series
■ 408-400-006AC	1	NEC DR6-135 Microwave Radio Transmitter/Receiver — 800 Series
■ 408-400-007AC	1	NEC DR6-135 Microwave Radio 64 Qam Modulator/Demodulator — 800 Series

408-7 Narrowband Microwave Radio Auxiliary Channel

408-702/705 RAYTHEON KS-20098 or FARINON KS-20311 Radio and KS-20099 Multiplex Equipment

Overall System

408-702-100	1	Description
408-702-102	1	FARINON KS-21046 Radio and KS-21047 Multiplex Equipment — Description
408-702-502	1	FARINON KS-21046 Microwave Radio — FARINON KS-21047 Multiplex Equipment — Overall System Lineup

RAYTHEON KS-20098 Radio Equipment

408-703-000	2	Description, Operation, and Maintenance
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FARINON KS-20311 Radio Equipment

408-704-001	1	4-GHz Space Diversity System — Description, Operation, and Maintenance
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Number	Issue	Subject
408-704-002	1	2-GHz/4-GHz Crossband Diversity System — Description, Operation, and Maintenance
408-704-003	1	2-GHz Monitored Hot Standby System — Description, Operation, and Maintenance
408-704-004	1	4-GHz Monitored Hot Standby System — Description, Operation, and Maintenance

FARINON KS-20099 Multiplex Equipment

408-705-000	1	Description, Operation, and Maintenance
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408-706 FARINON KS-21046 Multiplex Equipment

408-706-001	1	2-GHz System — Description, Operation, and Maintenance
408-706-002	1	4-GHz System — Description, Operation, and Maintenance

408-707 FARINON KS-21047 Multiplex Equipment

408-707-000	1	Description, Operation, and Maintenance
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408-8 TV Off-the-Air Pick-Up Services

408-800 CONrac AV12 Audio-Video Receivers

408-800-000	1	General
408-800-300	1	Operation
Tests		
408-800-330	1	Periodic Test Intervals
408-800-500	1	General
408-800-501	2	Test Equipment, Tools, and Patch Cords
408-800-502	1	Calibrating Simpson Signal Generator
408-800-503	1	Mega-Pix Calibration
408-800-504	1	Voltage Checks
408-800-505	1	Quality Checks Using Broadcaster's Signal
408-800-506	1	Video Response
408-800-507	1	Audio Response
408-800-508	1	Signal-To-Noise Ratio
408-800-509	1	Differential Phase and Gain

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Number	Issue	Subject
408-800-510	1	Composite Signal Test
408-800-511	1	Single Frequency Noise
408-800-512	1	IF Amplifier Alignment
408-800-513	1	RF Tuning and Over-all Alignment
408-800-514	1	Crystal Control Unit
408-800-515	1	Sound Channel Alignment

Division 409**TE, TJ, TL, and TM Microwave Radio****409-0 Indexes and Equipment Test Lists****-099 Customer Information Release (CIR)****409-1 TE Microwave Radio**

- 100 Overall System
- 110 TE-T1 Transmitter
- 120 TE-R1 Receiver
- 130 TE-T2 Transmitter
- 140 TE-R2 Receiver
- 150 TE-A1 Amplifier

409-2 TJ or TJ/TM-1 Microwave Radio

- 200 TJ Microwave Radio
- 201 TJ/TM-1 Microwave Radio
- 210 TJ Transmitter Tests
- 220 TJ Receiver Tests
- 230 TJ Auxiliary Bay Tests
- 240 TJ — Systems Tests — Light Loading
- 241 TJ/TM-1 — Systems Tests — Heavy Loading
- 242 TJ Microwave Radio — Systems Tests — Heavy Loading

409-3 TL-1 Microwave Radio

- 300 Description
- 301 Operation
- 302 General Information
- 303 System Tests
- 304 Transmitter Tests
- 305 Transmitter-Receiver Equipment Tests
- 306 Receiver Tests
- 308 Power Supply Tests
- 310 Order Wire and Alarm Tests
- 312 Diversity Switch Tests

409-4 TL-2 and TM-1 Microwave Radio

- 400 Description
- 401 Operation
- 402 General Maintenance Tests
- 403 System Tests
- 404 Transmitter Tests

-405 TM-A1 Power Amplifier**-406 Receiver Tests****-408 Power Supply Tests****-410 Order-Wire and Alarm Tests****-412 Diversity Switch Tests****-420 TL-2 Portable Microwave****409-5 TM-2/TM-2A Microwave Radio****-500 Description****-502 General Maintenance Tests****-503 System Tests****-504 Transmitter Tests****-506 Receiver Tests****-508 Power Supply Tests****-512 Hot Standby Switch****409-6 Ancillary Equipment****409-7 Overall System**

Number	Issue	Subject
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409-0 Indexes and Equipment Test Lists

409-000-000	34	Numerical Index — Division 409 — TE, TJ, TL, and TM Microwave Radio
409-001-011	10	ETL — TE, TJ, TL, and TM Microwave Radio
409-001-012	1	TL-1 Radio
409-001-013	1	TL-2/TM-1 Radio
409-001-014	1	TM-2/TM-2A Radio
409-001-015	1	Short Haul Radio

409-099 Customer Information Release (CIR)

☐	409-099-001 IR	1	Discontinued Availability of TM-2 and TM-2A Microwave Radio Systems, Transmission Systems
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409-1 TE Microwave Radio**409-100 Overall System**

409-100-100	3	Description
409-100-500	3	Tests
409-100-501	1	Modification for NTSC Color

Number	Issue	Subject	Number	Issue	Subject
409-110 TE-T1 Transmitter			409-200-106	2	D1 Auxiliary Bay
409-110-100	4	Description	409-200-107	1	D2 Auxiliary Bay
409-110-500	4	Tests	General Tests		
409-110-501	1	Modification for Remote and Local Control and Use of Improved Klystron	Addendum	1	
409-110-502	1	Modification for NTSC Color	409-200-500	5	General Test Information
409-120 TE-R1 Receiver			409-200-501	2	Tools
409-120-100	4	Description	409-200-502	5	TR Bay — Power Supply Tests and Voltage Checks
409-120-500	4	Tests	409-200-503	3	Auxiliary Bay — Power Supply Tests and Voltage Checks
409-120-501	2	Modification for Improved Operation and Maintenance	409-200-504	2	Waveguide Components Losses
409-120-502	1	Modification for NTSC Color	409-201 TJ/TM-1 Microwave Radio		
409-130 TE-T2 Transmitter			Description		
409-130-100	2	Description	409-201-100	1	General
409-130-500	2	Tests	409-201-101	1	Overall System
409-130-501	1	Modification for NTSC Color	General Tests		
409-140 TE-R2 Receiver			409-201-503	2	Auxiliary Bay — Power Supply Tests and Voltage Checks
409-140-100	2	Description	409-210 TJ Transmitter Tests		
409-140-500	2	Tests	409-210-501	4	Frequency and Power Output
409-140-501	1	Modification for Improved Operation and Maintenance	409-210-502	2	Deviation
409-140-502	1	Modification for NTSC Color	409-210-503	4	Linearity
409-150 TE-A1 Amplifier			409-210-504	3	Baseband Amplifier Response
409-150-100	1	Description	Addendum	1	
409-150-500	1	Tests	409-210-505	3	Component Replacement
409-2 TJ or TJ/TM-1 Microwave Radio			409-220 TJ Receiver Tests		
409-200 TJ Microwave Radio			409-220-501	4	RF to IF Tests
Description			Addendum	1	
409-200-100	3	General	409-220-502	4	Baseband Amplifier Power Output, Frequency Response, Noise Quieting, and Squelch Adjustments
409-200-101	4	Overall System	409-220-503	3	Linearity
409-200-102	3	Transmitter-Receiver Bay	409-220-504	3	1A Modulator or J99296AA List 3, 4 Modulator Preamplifier
409-200-103	2	Power Supply	409-220-505	4	Component Replacement
409-200-104	4	Transmitter	409-220-506	3	Noise Figure Measurements
409-200-105	4	Receiver	409-220-507	1	IF Unit Impedance Matching

Number	Issue	Subject
409-230 TJ Auxiliary Bay Tests		
409-230-500	2	General
409-230-501	2	Diversity Switch and Transmission Unit
409-231 TJ/TM-1 Auxiliary Bay		
409-231-501	1	Diversity Switch and Transmission Unit
409-240 TJ — Systems Tests — Light Loading		
409-240-500	4	General
409-240-501	3	Initial Line-up Test Sequence
Addendum	1	
409-240-502	2	Received Signal Level
409-240-503	3	Transmitter Deviation
409-240-504	2	Receiver Gain
409-240-505	3	Net Loss Measurements
409-240-506	4	Telephone With Diversity — Comparator Tests
409-240-507	4	Signaling and Pilot Tone Levels
409-240-508	2	Pilot Monitor Tests and Adjustments
409-241 TJ/TM-1 — Systems Tests — Heavy Loading		
409-241-500	2	General
Addendum	1	
409-241-501	2	Initial Line-Up Test Sequence and Periodic Test Intervals
409-241-502	3	Received Signal Level
Addendum	1	
409-241-503	2	Transmitter-Receiver Link Deviation
Addendum	1	
409-241-504	1	Transmitter-Receiver — Link Linearity Test
409-241-505	2	Net Loss Measurements
409-241-506	2	Comparator Tests and Adjustments
409-241-507	2	Signaling and Pilot Tone Levels
409-241-508	2	Pilot Monitor Tests and Adjustments
409-241-509	2	Noise Loading Measurements

Number	Issue	Subject
409-242 TJ Microwave Radio — Systems Tests — Heavy Loading		
409-242-500	1	General
409-242-501	1	Initial Line-Up Test Sequence
409-242-502	1	Received Signal Level, IF, and Squelch Tests
Addendum	1	
409-242-503	1	Transmitter-Receiver Link Deviation
409-242-504	2	Transmitter-Receiver — Link Linearity Test
409-242-505	1	Net Loss Measurements
409-242-506	2	Comparator Tests
409-242-507	1	Signaling and Pilot Tone Levels
409-242-508	1	Pilot Monitor Tests and Adjustments
409-242-509	2	Noise Loading Measurements

409-3 TL-1 Microwave Radio**409-300 Description**

409-300-100	3	General
409-300-101	3	Overall System
409-300-102	4	Transmitter-Receiver Bay
Addendum	1	
409-300-103	1	Transmitter
409-300-104	2	Receiver
409-300-105	1	Power Supply
409-300-106	1	Diversity Switch
409-300-107	1	Order Wire and Alarm

409-301 Operation

409-301-300	1	Operation-Order Wire and Alarm
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409-302 General Information

409-302-330	2	Periodic Test Intervals
409-302-500	2	General Maintenance
409-302-501	3	Transmitter-Receiver Bay — Checks and Trouble Location
409-302-502	1	Cabinet Equipment — Miscellaneous Items

Number	Issue	Subject	Number	Issue	Subject
409-303 System Tests			409-310 Order Wire and Alarm Tests		
409-303-500	2	General	409-310-500	1	General
409-303-501	1	Transmission Measurement	409-310-501	1	Alarm Circuit Checks
409-303-502	1	Idle Noise	409-310-502	1	Level and Frequency Adjust- ments
409-303-503	1	600-Circuit Noise Loading Tests for Message Systems	409-310-503	1	Encoder
409-303-504	1	Envelope Delay and Linearity Tests	409-312 Diversity Switch Tests		
409-304 Transmitter Tests			409-312-500	1	General
409-304-500	1	General	409-312-501	2	Performance Checks, Alignment, and Unit Replacement
409-304-501	2	Frequency and Linearity	409-4 TL-2 and TM-1 Microwave Radio		
409-304-502	1	Deviation	409-400 Description		
409-304-503	1	Baseband Amplifier	409-400-100	3	General
Addendum	1		409-400-101	2	TL-2 Overall System
409-304-504	3	Component and Subassembly Replacement	409-400-102	4	TL-2 Transmitter-Receiver Ar- rangements
409-305 Transmitter-Receiver Equipment Tests			409-400-103	3	Transmitter
409-305-500	1	Component and Subassembly Replacement	409-400-104	4	Receiver
409-306 Receiver Tests			409-400-111	2	TM-1 Overall System
409-306-500	2	General	409-400-112	3	TM-1 Transmitter-Receiver Ar- rangement
409-306-501	2	Baseband Amplifier Gain Adjust- ment	409-400-113	3	TM-1 Transmitter
409-306-502	2	AFC Alignment and In-Service Checks	409-400-114	3	Receiver
409-306-503	2	Received Signal Level	409-400-121	1	Power Supply
409-306-504	2	Squelch Circuit Alignment	409-400-122	2	Power Supply — Chargers and Battery
Addendum	1		409-400-123	2	J99296L Bistable Diversity Switch — J99302M Revertive Diversity Switch
409-306-505	2	Miscellaneous Out-Of-Service Checks	409-400-124	2	Order Wire and Alarm
409-306-506	3	Component and Subassembly Replacement	409-400-125	2	Television Transmission Sys- tems Equipped With J99296AC, AD, AE, and AH Video Panels
409-308 Power Supply Tests			409-400-126	1	Television Transmission — J99296AJ and AK Video Panels
409-308-500	1	General	❶ 409-400-127	1	Hot Standby Transmitter Switch Control Panel — J99302BL
409-308-501	2	Voltage Checks	409-400-140	1	TM-A1 Power Amplifier
409-308-502	1	Component and Sub-Assembly Replacement	409-400-141	2	TM-A1 TWT Power Supply
			409-400-145	1	TL-A2 Power Amplifier
			409-400-146	1	TL-A2 Power Supply
			409-400-150	1	TM-B1 Power Amplifier

Number	Issue	Subject	Number	Issue	Subject
409-400-151	1	TM-B1 Power Supply	409-404-507	2	TL-A2 Power Amplifier — Tune-up and Replacement Procedures
409-401 Operation			409-405 TM-A1 Power Amplifier		
409-401-300	1	Order Wire and Alarm	409-405-501	2	Component and Subassembly Replacement
409-402 General Maintenance Tests			409-406 Receiver Tests		
Addendum	1		409-406-500	2	General
409-402-500	4	General	409-406-501	2	Baseband Amplifier Gain Adjustment
409-402-501	3	Removing and Restoring Service	409-406-502	3	AFC Alignment and In-Service Checks
409-402-502	5	Transmitter-Receiver Bay — Checks and Trouble Location	409-406-503	4	Received Signal Level
409-402-503	5	Building and Housing Equipment	409-406-504	4	Squelch Sensitivity
409-402-504	2	TM-A1 Power Amplifier	409-406-505	5	Miscellaneous Out-of-Service Checks
409-403 System Tests			409-406-506	3	Component and Subassembly Replacement
Addendum	1		409-408 Power Supply Tests		
409-403-500	4	General	409-408-501	3	Regulator, Inverter, and Rectifier
409-403-501	4	Message Transmission	409-408-503	2	Subassembly Replacement
409-403-502	2	Television Transmission — Systems Equipped With J99296AC, AD, AE and AH Video Panels	409-408-505	2	TM-A1 Power Supply
409-403-503	1	Television Transmission — Systems Equipped With J99296AJ and J99296AK Video Panels	409-410 Order-Wire and Alarm Tests		
409-403-504	2	Idle Noise	409-410-501	3	Alarm Circuit Checks
409-403-505	1	600 Circuit Noise-Loading Tests for Message Systems	409-410-502	1	Level and Frequency Adjustments
409-403-506	1	Envelope Delay and Linearity	409-410-503	3	Encoder
Addendum	2		409-410-504	3	Transmitter Alarm Initiator
409-403-507	1	1200-Circuit Noise Loading Tests for Message Systems	409-412 Diversity Switch Tests		
409-404 Transmitter Tests			409-412-501	5	Diversity Switch Tests, Alignment, and Unit Replacement
Addendum	1		❶ 409-412-502	1	Hot Standby Transmitter Switch Control Panel J99302BL — Tests, Alignment, and Subassembly Replacement
409-404-501	3	Frequency and Linearity	409-420 TL-2 Portable Microwave		
409-404-502	3	Deviation	Description		
Addendum	1		409-420-100	1	General
409-404-503	3	Baseband Amplifier	409-420-101	1	Over-all System
409-404-504	4	Component and Subassembly Replacement			
409-404-505	3	Power Output			
Addendum	1				
409-404-506	1	TM-B1 Power Amplifier — Tune-up and Replacement Procedures			

Number	Issue	Subject	Number	Issue	Subject
409-420-102	1	Order Wire and Alarm	409-504-502	5	FM Transmitter Modulator and Microwave Amplifier
409-420-103	1	Television Transmission — J99296BF-1 Video Unit	409-504-503	3	Component and Subassembly Replacement
Installation			409-506 Receiver Tests		
409-420-200	1	Installation and Operation	409-506-500	3	General
Tests			409-506-501	3	Local Oscillator
Addendum	1		409-506-502	3	Received Signal Power
409-420-500	1	General	409-506-503	3	IF Amplifier and FM Receiver
409-5 TM-2/TM-2A Microwave Radio			409-506-504	3	Component and Subassembly Replacement
409-500 Description			409-508 Power Supply Tests		
409-500-100	3	General	409-508-501	3	91A Power Unit and Im-19 Volt Regulator (ED-3C400-30)
409-500-101	3	Overall System	409-508-502	3	Component and Subassembly Replacement
409-500-102	3	Transmitter-Receiver Arrangement	409-512 Hot Standby Switch		
409-500-103	2	Transmitter-Receiver Panel — Description	409-512-501	1	Receiver Tests, Alignment, and Subassembly Replacement
409-500-121	2	91A and 91B Power Units	409-512-502	1	Transmitter — Control Panel — Tests, Alignment, and Subassembly Replacement
509-500-122	1	220A Power Unit	409-6 Ancillary Equipment		
409-502 General Maintenance Tests			Description		
409-502-500	3	General	409-600-100	1	Description
409-502-501	4	Removing and Restoring Service	409-600-101	1	Baseband Access Panel
409-502-502	3	Transmitter-Receiver Panel — Checks and Trouble Location	409-600-102	1	Basic Radio Order Wire
409-502-503	1	Transmitter — Receiver Panel — Back-To- Back Testing Methods	409-600-103	1	Radio and Common Alarms
409-503 System Tests			409-600-104	1	2600-Hz Supply Circuit
409-503-500	2	General	409-600-105	1	Baseband Monitor, Switch, and Control for HF Pilot
409-503-501	1	Message Transmission	409-600-106	1	Order Wire and Alarm Multiplex
409-503-502	1	Television Transmission	409-600-107	2	Power Supply — Chargers and Battery
409-503-503	1	Idle Noise	409-600-108	1	Short Haul Radio — 1A-Radio Digital System Transmission
Addendum	2		Tests		
409-503-504	1	1200-Circuit Noise Loading Tests for Message Systems	409-600-500	1	General Maintenance
409-503-505	1	Envelope Delay and Linearity	409-600-501	1	Baseband Access Panel
409-504 Transmitter Tests					
409-504-500	2	General			
409-504-501	3	Local Oscillator			

Number	Issue	Subject
409-600-502	1	Basic Radio Order Wire
409-600-503	1	Radio and Common Alarms
409-600-504	1	2600-Hz Supply Circuit
409-600-505	1	Monitor, Alarm, and Switch Control Units for HF Pilot — Alignment and Subassembly Replacement
409-600-506	1	Equipment Tests — Order Wire and Alarm Multiplex
409-600-507	2	Installation and Maintenance — Power Supply — Chargers and Battery
409-600-508	2	Short Haul Radio — Equipment Tests — 1A- Radio Digital System Transmission

409-7 Overall System

409-700-100	1	Description
409-700-500	1	General Test Information
409-701-500	1	In-Service Testing
409-701-501	1	Short Haul Radio — In-Service Testing — Channel Net Gain and Baseline Response
409-702-500	1	Short Haul Radio — Out-of-Service System Tests — General Test Information
409-702-501	1	Out-of-Service System Tests — Envelope Delay and Linearity
409-702-502	1	Short Haul Radio — Out-of-Service System Tests — Channel Net Gain and Baseband Response
409-702-503	1	Short Haul Radio — Out-of-Service System Tests — Thermal Noise and Spurious Tones
409-702-504	1	Short Haul Radio — System Tests — Noise Loading
409-702-505	1	Short Haul Radio — System Tests — Differential Phase and Gain

Division 410**TD-2 Microwave Radio****410-0 Index and Equipment Test List****410-1 Overall System****410-2 FM Terminals****410-4 Transmitter-Receiver Bay****410-6 Automatic Protection Switching****410-7 Maintenance Center****410-8 Antenna Duplexing****410-9 Auxiliary Equipment**

Number	Issue	Subject
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410-0 Index and Equipment Test List**410-000 Index**

410-000-000	62	Numerical Index — Division 410 — TD-2 Microwave Radio
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410-001 Equipment Test List

410-001-011	14	TD-2 Radio
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410-1 Overall System**Description**

410-100-100	3	General
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Operation

410-100-301	1	Initial Lineup of Channels
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Tests

410-100-500	5	General Test Information
410-100-501	4	Channel Net Gain
410-100-502	5	Baseband Response
410-100-503	2	Differential Phase and Gain
410-100-504	9	Noise and Tones

Number**Issue****Subject**

410-100-505	2	40 Mc Shifter Tone Test
410-100-506	1	Carrier Frequency Measurements
410-100-507	7	Envelope Delay
410-100-508	6	Message Service Connections and Levels
410-100-509	2	Television Service Connections and Levels
410-100-510	4	Received Signal Level
Addendum	1	
410-100-513	2	Noise Loading

410-2 FM Terminals**Transmitter****410-200 General****Description**

Addendum	1	
410-200-101	1	J68336A FM Transmitter
Addendum	2	
410-200-102	1	J68336K FM Transmitter

Operation

410-200-301	1	Placement In and Removal From Service
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Tests

410-200-501	2	In-Service Checks
Addendum	1	
410-200-502	5	Supply Voltages and Filament Activity
410-200-503	2	Capacitor Check
410-200-510	1	Over-all Transmission
410-200-511	2	Test Charts

410-202 Control Panel — Tests

410-202-511	1	Supply Voltage Noise Measurement
410-202-512	1	Voltage and Resistance Tables

410-204 Video Amplifier — Tests

410-204-501	1	AFC Gate Pulse Level
410-204-502	1	Noise and Vibration Check
410-204-503	1	Gain and Baseband Response

Number	Issue	Subject	Number	Issue	Subject
410-204-511	1	Longitudinal Current Suppression Adjustment	Receiver		
410-204-512	1	Square Wave Response	410-220 General		
410-204-513	1	Differential Phase and Gain	Description		
410-204-514	1	AFC Gate Pulse Rate Adjustment	Addendum	1	
410-204-515	2	J68336 FM Transmitter — Voltage and Resistance Tables	410-220-101	1	J68336G FM Receiver
410-206 FM Generator — Tests			Operation		
Addendum	1		410-220-301	1	Placement In and Removal From Service
410-206-501	3	J68336 — Klystron Replacement and Tuning and AFC Tests	Tests		
Addendum	1		410-220-501	2	Supply Voltages and Electron Tube Tests
410-206-502	2	J68336 — Rest Frequency	410-220-502	3	J68336G FM Receiver — Capacitor Check
Addendum	1		Addendum	1	
410-206-503	2	DO Klystron Sensitivity	410-220-509	2	Linearity and Limiter Bias
Addendum	3		Addendum	1	
410-206-504	2	DO Klystron Linearity	410-220-510	1	Overall Transmission
410-206-505	1	Output Level	410-220-511	1	Receiver Check When FM Transmitter not Available Locally
410-206-506	1	Wavemeter Lubrication and Calibration	410-222 Limiter-Detector — Tests		
410-206-511	1	Voltage and Resistance Tables	410-222-511	1	Return Loss
410-208 Limiter-Amplifier — Tests			410-224 Video Amplifier — Tests		
Addendum	1		410-224-511	1	Gain and Baseband Response
410-208-501	1	Limiter Action and Output Levels	410-224-512	1	Voltage Table
410-208-511	1	Return Loss	410-4 Transmitter-Receiver Bay		
410-208-512	1	Voltage and Resistance Tables	410-400 General		
410-210 AFC Unit — Tests			Operation		
410-210-501	1	Repeller Noise Check	Addendum	1	
410-210-502	1	AFC Pull-In Check	410-400-303	2	TD-2 Operation With Portable Microwave Repeater
410-210-511	1	Return Loss	Mechanical Procedures		
410-210-512	1	Pulse Modulator Balance Adjustment	410-400-701	1	Bay Alignment
410-210-513	1	Discriminator Network Adjustment	410-410 Transmitter-Receiver Bay		
410-210-514	1	Discriminator Performance Check	410-410-100	5	General Description
410-210-515	1	Voltage and Resistance Tables	410-410-500	7	Tests

Number	Issue	Subject
410-410-501	5	Microwave Generator
410-410-502	2	40-MHz Shifter
410-410-503	2	Transmitter Tests — IF Buffer Amplifier
410-410-504	3	Receiver Control Panel and Power and Metering Panel
410-410-505	4	Receiver Modulator — IF Preamplifier
410-410-506	8	Overall Receiver — Maintenance
410-410-507	6	Transmitter Modulator — Maintenance and Description
410-410-508	7	Overall Transmitter — Maintenance and Description
410-410-509	3	Transmitter Control Panel, Output Monitor, and Power and Metering Panel — Description and Troubleshooting
410-410-510	1	General — Tests — Leakage
410-410-511	1	Impulse Noise Troubleshooting
410-410-512	4	Fade Margin Tests
410-410-513	1	Cross Polarization Test
410-410-514	2	Receiver Space Diversity — Diversity Switch
❶ 410-410-516	1	Transmitter Receiver Bay-General — Tests — RF Leakage

410-6 Automatic Protection Switching**410-600 Overall System**

Description		
410-600-100	3	Description
Operation		
410-600-300	2	Operation
410-600-301	2	Patching Procedures
Tests		
410-600-500	2	General
410-600-501	3	In-Service Operate Check
410-600-502	3	Out-of-Service Operate Checks
■ Addendum AC	1	
410-600-503	3	Transmitting Automatic Switch
410-600-504	5	Receiving Automatic Switch
410-600-505	1	Auxiliary Station
410-600-506	1	Channel Maintenance Switching
410-600-507	1	System Timing Tests

Number	Issue	Subject
410-600-508	3	Unit Timing Tests
410-600-509	1	Trouble Shooting Aids

410-602 Switching Controls

Description		
410-602-100	6	Description
Tests		
410-602-501	2	Frequency Check
410-602-502	1	Output Level Check
410-602-503	2	Lockout Delay Time Check
410-602-504	1	Manual Operation Check
410-602-505	1	Alarm Delay Operate Time
410-602-506	5	Relay Sensitivity Check
410-602-507	5	Recycling Test
Addendum	1	
410-602-508	3	Local IF Switch Operation
410-602-509	2	Electron Tube and Relay Tests
410-602-510	1	Power Supply Voltages
410-602-511	2	Overall VF Line Transmission

410-604 Channel Initiator

Description		
Addendum	1	
410-604-100	2	Description
Operation		
410-604-301	1	Placement In and Removal From Service
Tests		
410-604-500	1	General Test Information
410-604-501	2	Filament Activity
410-604-502	1	Input Return Loss
410-604-503	1	IF Transmission Test
410-604-504	2	Linearity Test
410-604-505	1	Coarse Linearity Adjustment
410-604-506	1	Monitoring Video Amplifier Adjustment
410-604-507	2	Local Oscillator Tuning Check
410-604-508	5	Adjustment of Reinserted Pilot
410-604-509	2	Modulator and Pilot IF Amplifier Tuning and Detector Tests
410-604-510	6	Pilot Switch Adjustment

Number	Issue	Subject
410-604-511	2	Slicer Circuit Tests
410-604-512	5	Noise Detector and Fade Switch Adjustment
410-604-513	1	Trouble Location Tests
410-604-514	1	Voltage Measurements

410-606 Video Pilot Supply and Distribution Circuit

Description		
410-606-100	2	Description
Operation		
410-606-301	1	Placement In and Removal From Service
Tests		
410-606-500	3	Tests

410-608 IF Pilot Resupply and Transfer Panel

Description		
Addendum	1	
410-608-100	2	Description
Operation		
410-608-300	2	Preparation for Service
Tests		
410-608-500	6	Tests

FM Terminal Switching**410-610 FM Transmitter Switching**

Description		
410-610-100	6	Overall System
410-610-101	4	FM Receiver
410-610-102	5	Automatic and Manual Control Circuits
410-610-103	3	Indications, Alarms, and Alarm Circuits
410-610-104	2	Monitoring and Test Facilities
410-610-105	1	Power and Power Distribution
Operation		
410-610-300	5	Operation

Number	Issue	Subject
Tests		
410-610-500	5	Overall System Tests
410-610-501	4	FM Receiver
410-610-502	2	Controls, Indications, and Alarms
410-610-504	1	Metering Circuit Maintenance

410-611 FM Receiver Switching

Description		
410-611-100	6	Overall System
410-611-101	1	Pilot Detection Using J68769A Amplifier- Rectifier
410-611-102	5	Automatic and Manual Control Circuits
410-611-103	3	Indications, Alarms, and Alarm Circuits
410-611-104	2	Monitoring and Test Facilities
410-611-105	1	Power and Power Distribution

Operation		
410-611-300	4	Overall System
Tests		
410-611-500	4	Overall System
410-611-501	2	Controls, Indications, and Alarms
410-611-502	1	Pilot Detection Using J68769A Amplifier- Rectifier

410-612 Common Equipment

Description		
410-612-101	2	J68381BK IF Amplifier
410-612-102	2	Pilot Detection
410-612-103	1	Voltage Regulator
Tests		
Addendum	2	
410-612-501	3	FM Terminal Switching — J68381BK, J68381EG, and J68389AC IF Amplifiers
410-612-502	5	Baseband Amplifier-Rectifier
410-612-503	2	Metering Circuit
410-612-504	2	Voltage Regulator
410-612-505	1	Overall System

Number	Issue	Subject
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410-7 Maintenance Center**FM Transmitter Tests****410-700 Limiter-Amplifier**

410-700-501	1	Electron Tube Tests
410-700-502	1	Return Loss
410-700-503	1	Gain and Frequency Response

410-702 AFC Unit

Addendum	1	
410-702-501	1	Return Loss

FM Receiver Tests**410-710 Limiter-Detector**

410-710-501	1	Return Loss
410-710-502	1	IF Amplifier Gain and Frequency Response
410-710-503	2	IF Amplifier Interstage Alignment
410-710-504	2	J68336G — Frequency Response
410-710-505	1	Discriminator Adjustment

Transmitter-Receiver Bay Tests

410-720-500	4	Receiver Converter and J68330 IF Preamplifier Tests
410-721-500	2	J68387P Receiver Modulator and IF Preamplifier Tests
410-722-500	3	J68330 IF Preamplifier Tests
410-724-500	4	J68330A IF Main Amplifier Tests
410-724-501	1	(J68330T) IF Main Amplifier Tests
410-726-500	3	IF Buffer Amplifier Tests
410-727-500	2	J68330S IF Buffer Amplifier Tests
410-728-500	3	Transmitter Modulator Tests
410-730-500	7	Transmitter Amplifier Tests
410-731-500	1	88A Power Unit Tests

410-8 Antenna Duplexing

410-802-302	1	Waveguide-Antenna System Restoration
Addendum	1	
410-802-303	1	Temporary Single Antenna Operation for Emergency Use

Number	Issue	Subject
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410-9 Auxiliary Equipment**410-900/904 IF Auxiliary Equipment****J68338A/B IF Switching/Distribution Amplifiers**

410-900-100	2	Description
410-900-330	2	Periodic Test Intervals
410-900-500	3	Tests

J68338C IF Auxiliary Amplifier

410-902-100	2	Description
410-902-300	3	Operation
410-902-330	2	Periodic Test Intervals
410-902-500	3	Tests

J68349F IF Bridging Amplifier

410-904-100	1	Description
410-904-301	1	Placement In and Removal From Service
410-904-330	1	Periodic Test Intervals
Addendum	1	
410-904-501	3	Tests

410-910/914 Baseband Auxiliary Equipment**J68338D Video Monitor Amplifier**

410-910-100	2	Description
410-910-300	2	Operation
410-910-500	2	Tests

Patching and Monitoring Equipment

410-912-100	2	Description
410-912-300	2	Operation
410-912-330	2	Periodic Test Intervals
410-912-500	2	Tests

Program and Terminal Maintenance Switching

410-914-100	1	Description
410-914-300	1	Operation
410-914-500	3	Tests

Division 411**TD-3 Microwave Radio****411-0 Indexes and Equipment Test Lists****411-1 Overall System****411-4 J68386A and J68386B Transmitter-Receiver Bays****-400 General****-402 Common Equipment Tests****-404 Receiver Tests****-406 Transmitter Tests****411-5 J68386G and J68386H Transmitter-Receiver Bays****-500 General****-502 Common Equipment Tests****-504 Receiver Tests****-506 Transmitter Tests****411-6 Hot Standby/Space Diversity — Overall Switching****411-7 Maintenance Center****-700/730 Transmitter-Receiver Bay Components****411-8 Antenna Arrangements**

Number	Issue	Subject
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411-0 Indexes and Equipment Test Lists

411-000-000	17	Numerical Index — Division 411 — TD-3 Microwave Radio
411-001-011	10	ETL — TD-3 Radio

411-1 Overall System**Tests**

411-100-100	3	Description
411-100-301	2	Initial Lineup of Channels
Addendum	1	
411-100-500	1	General Test Information
411-100-501	2	Envelope Delay Distortion
Addendum	1	
411-100-503	1	Channel Net Gain and Baseband Response

Number**Issue****Subject**

Addendum

1

411-100-504

1

Thermal Noise and Spurious Tones

411-100-505

1

Noise Loading

411-100-506

1

Differential Phase and Gain

411-100-508

1

Received Carrier Power

411-100-509

1

Carrier Frequency Measurements

411-4 J68386A AND J68386B Transmitter-Receiver Bays**411-400 General****Operation**

411-400-100

3

Description

411-400-301

2

Turnon and Turnoff Procedures

411-400-303

1

Operation With Portable Microwave Repeater

Tests

411-400-500

2

General

411-400-501

3

In-Service Checks

411-400-502

4

Level Diagrams

411-402 Common Equipment Tests

411-402-500

2

Preliminary Checks

411-402-501

2

J68387B Microwave Generator

411-402-502

1

Im-19 Volt Regulator

411-402-503

2

J68387D 40-MHz Oscillator-Shift Modulator

411-402-504

2

J68387R Microwave Generator and 4-GHz Multiplier

411-402-511

2

Impulse Noise Troubleshooting

411-402-512

3

Fade Margin Tests

411-402-513

1

Cross-Polarization Discrimination Test

411-404 Receiver Tests

411-404-501

4

Transmission

411-404-502

2

IF Return Loss Measurement

411-404-503

1

J68387P Receiver Modulator — IF Preamplicifier

411-404-504

1

J68387C Receiver Modulator — IF Preamplicifier

411-404-505

1

Noise Figure

Number	Issue	Subject	Number	Issue	Subject
411-406 Transmitter Tests			411-504-505	2	Noise Figure
Addendum	1		411-504-506	1	Testing and Replacing the 295A IF Switch
411-406-501	5	Transmitter Transmission Test	411-506 Transmitter Tests		
411-406-502	1	IF Return Loss Measurements	Addendum	1	
411-406-503	2	J68387E IF Driver Amplifier — Transmitter Modulator	411-506-501	8	Transmission
411-406-504	4	J86835A Traveling Wave Tube Power Supply Tests and TWT Amplifier Replacement Procedure	411-506-502	2	IF Return Loss Measurements
			411-506-503	2	J68387U IF Driver Amplifier — Transmitter Modulator
			Addendum	1	
411-5 J68386G and J68386H Transmitter-Receiver Bays			411-506-504	1	J86890A Traveling Wave Tube Power Supply Tests and TWT Amplifier Replacement
411-500 General			411-506-505	2	29A and 30A Integrated Circuit — Replacement
Operation			411-506-506	1	Testing and Replacing RF Switch and 337A Relay
411-500-100	4	Description	411-6 Hot Standby/Space Diversity — Overall Switching		
411-500-301	3	Turnon and Turnoff Procedures	411-600-500	1	General
411-500-303	1	TD-3A Operation With Portable Microwave Repeater	411-600-501	1	Tests
Tests			411-600-502	1	Testing and Replacement of the J68434B Pilot Detector
411-500-500	3	General Test Information	411-7 Maintenance Center		
411-500-501	4	In-Service Checks	411-700/730 Transmitter-Receiver Bay Components		
411-500-502	5	Level Diagrams	411-700-500	1	General
411-502 Common Equipment Tests			411-702-500	1	J68387P Receiver Modulator — IF Preamplicifier
411-502-500	5	Preliminary Checks	411-704-500	1	J68387C Receiver Modulator — IF Preamplicifier
411-502-502	2	J87279A 1m-19 Volt Regulator	411-706-500	1	J68387F IF Main Amplifier
411-502-503	2	J68387W 40-MHz Oscillator and Shift Modulator	411-708-500	1	J68387S IF Main Amplifier
411-502-504	7	J68387R- () Microwave Generator	411-710-500	1	J68387G AGC Amplifier
Addendum	1		411-712-500	2	J68387H IF Limiter
411-502-505	1	70A Detector, 27A or 28A Integrated Circuit — Replacement	411-713-500	1	J68387T IF Limiter — Carrier Resupply
411-502-511	1	Impulse Noise Troubleshooting	Addendum	1	
411-502-512	3	Fade Margin Tests	411-714-500	1	IF Carrier Resupply
411-502-513	1	Cross-Polarization Discrimination Test	411-716-500	1	J68387E IF Driver Amplifier — Transmitter Modulator
411-504 Receiver Tests			411-717-500	2	J68387U IF Driver Amplifier — Transmitter Modulator
411-504-501	4	Transmission			
411-504-502	2	IF Return Loss Measurement			
411-504-503	2	J68387P Receiver Modulator and IF Preamplicifier			

Number	Issue	Subject
411-718-500	1	J68387D 40-MHz Oscillator-Shift Modulator
411-719-500	2	J68387W 40-MHz Oscillator — Shift Modulator
411-720-500	1	J86835A Traveling Wave Tube Power Supply
411-721-500	1	J86890A Traveling Wave Tube Power Supply
411-722-500	1	J68387B Microwave Generator
411-724-500	1	J68387R, List 1, 2, and 4 through 20 Microwave Generator
411-726-500	1	J87279A 1m-19 Volt 4.0-Ampere Semiconductor Regulator
411-728-500	1	Transmitter-Receiver Control Units
411-729-500	1	J68387Y-1 and J68387Y-2 Meter Circuits
411-730-500	1	Common Alarm
411-731-500	1	J68387AA Alarm Circuit

411-8 Antenna Arrangements

411-802-302	2	General — Waveguide-Antenna System Restoration
411-802-303	1	Temporary Single Antenna Operation for Emergency Use

Division 412**TH-1 Microwave Radio****-760 Auxiliary Channel Tests****-770 Common Equipment Tests****412-8 Antenna Duplexing****412-0 Indexes and Equipment Test Lists****412-1 Overall System****412-2 FM Terminals****-200 Description****-210 Common Equipment Tests****-220 FM Transmitter Tests****-230 FM Receiver Tests****-240 3B FM Transmitter****-245 3B FM Receiver****412-3 Microwave Carrier Supply****412-4 Broadband Radio Channel****-400 Description****-410 Common Equipment Tests****-420 Transmitter Tests****-430 Receiver Tests****-440 Mop-Up Equalization Bay****-450 Digital Service Tests****-460 Demand Maintenance****412-5 Auxiliary Channel****-500 Description****-510 Transmitter-Receiver Tests****-520 Terminal Bay Tests****412-6 Automatic Protection Switching****-600 Overall System****-610 IF Switching Tests****-620 Baseband Switching Tests****-630 Signaling Circuit Tests****-640 Common Control Circuit Tests****412-7 Maintenance Center****-710 FM Transmitter Tests****-720 FM Receiver Tests****-730 Broadband Channel Transmitter Tests****-740 Broadband Channel Receiver Tests****-750 Microwave Carrier Supply**

Number	Issue	Subject
412-0 Indexes and Equipment Test Lists		
412-000-000	35	Numerical Index — Division 412 — TH-1 Microwave Radio
412-001-011	10	ETL Supplement
412-1 Overall System		
Description		
412-100-100	1	General
Operation		
412-100-301	1	Initial Lineup of Channels
Tests		
412-100-501	4	Main and Terminal Station Levels
412-100-502	3	Envelope Delay Distortion and Baseband Amplitude Equalization
Addendum	1	
412-100-503	4	Fluctuation Noise and Spurious Tones
412-100-504	1	DADE Equalization — Out of Service
412-100-505	1	DADE Equalization — In-Service DADE
412-100-506	1	Broadband and Auxiliary Channel — Received Signal Level Measurements
412-100-507	1	Noise Loading
412-100-508	2	RF Leakage
412-100-509	1	Carrier Frequency Measurements
412-100-515	4	Microwave Carrier Supply and Auxiliary Channel Equipment — In-Service Tests
412-100-550	1	Auxiliary Channel Levels
412-100-800	5	Common Equipment — Mechanical Maintenance Procedures

Number	Issue	Subject	Number	Issue	Subject
412-2 FM Terminals			412-240-502	3	3B FM Transmitter — IF and Oscillator Rest Frequencies
412-200 Description			412-240-503	2	Square-Wave Response
412-200-100	1	Transmitter and Receiver	412-240-504	2	IF Output and Frequency Response
412-210 Common Equipment Tests			412-240-505	2	Linearity
Addendum	1		412-240-506	2	Deviation Sensitivity
412-210-501	2	IF Amplifier	412-240-507	2	Frequency Response and Monitor Gain Adjustments
412-210-502	2	Video Amplifier Monitor	412-240-508	2	Alarm Circuit Adjustments
412-210-503	2	IF Amplifier-Limiter	412-240-509	1	Fluctuation Noise and Spurious Tone Measurements
412-220 FM Transmitter Tests			412-240-510	1	Oven Temperature Control Circuit
412-220-501	1	Placement In and Removal From Service	412-240-511	2	Control Unit — Performance Checks
Addendum	1		412-240-512	1	Im-20 Volt Regulator — Performance Checks
412-220-502	1	Video Amplifier	412-245 3B FM Receiver		
412-220-503	2	FM Generator	412-245-100	1	Description
412-220-504	1	AFC Circuit	412-245-301	1	Placement In and Removal From Service
Addendum	1		412-245-330	1	Periodic Test Intervals
412-220-505	1	Limiter-Discriminator	Tests Using 37H FM Terminal Test Set With 37J Test Panel		
412-220-506	1	Reference Oscillator	412-245-500	2	General
412-220-507	1	Frequency Comparator	412-245-501	1	In-Service Checks
Addendum	1		412-245-502	2	Square-Wave Response
412-220-508	3	Overall Tests and Adjustments	412-245-503	3	Gain, Frequency Response, Limiting Action, and Alarm Circuit Adjustments
412-230 FM Receiver Tests			412-245-504	2	Linearity
412-230-330	2	Periodic Test Intervals	412-245-505	2	Fluctuation Noise and Spurious Tone Measurements
412-230-501	1	Placement In and Removal From Service	412-3 Microwave Carrier Supply		
412-230-502	2	Discriminator Video Amplifier	Description		
Addendum	1		Addendum	2	
412-230-503	2	Overall Checks	412-300-100	2	General
412-240 3B FM Transmitter			Tests		
412-240-100	1	Description	412-300-330	3	Periodic Test Intervals
412-240-301	1	Placement In and Removal From Service	412-300-500	3	General
412-240-330	1	Periodic Test Intervals			
Tests Using 37H FM Terminal Test Set With 37J Test Panel					
412-240-500	2	General			
412-240-501	2	In-Service Checks			

Number	Issue	Subject
412-300-501	2	Low-Voltage Power Supplies
412-300-502	3	14.8-MHz Supply
412-300-503	5	Low-Frequency Generator
412-300-504	5	High-Frequency Generator
412-300-505	4	Low-Frequency Switching Unit
412-300-506	1	High-Frequency Switching Unit
412-300-507	3	J68403F Switching Control Circuit
412-300-508	2	DC Amplifier

412-4 Broadband Radio Channel**412-400 Description**

412-400-101	1	Common Equipment
Addendum	2	
412-400-102	2	Transmitter
412-400-103	4	Receiver
412-400-104	2	TH-1 Mop-Up Equalization Bay

412-410 Common Equipment Tests

412-410-330	1	Periodic Test Intervals
412-410-502	4	29.7-MHz and 59.3-MHz Carrier Supply Modulators
412-410-503	2	444A Traveling Wave Tube Loss Measurements

412-420 Transmitter Tests

412-420-330	1	Periodic Test Intervals
412-420-500	1	General
412-420-501	11	Routine Tests
412-420-502	4	Turn-Off and Turn-On Procedures
412-420-503	6	IF Amplifier-Limiter
Addendum	2	
412-420-504	7	IF Carrier Resupply
412-420-505	6	Traveling-Wave Tube Amplifiers
412-420-506	3	Transmitter Modulator
412-420-507	5	Transmission and Output Power

412-430 Receiver Tests

412-430-330	1	Periodic Test Intervals
412-430-501	5	Turnon and Turnoff Procedures
412-430-502	6	Preliminary Checks

Number	Issue	Subject
412-430-503	6	Gain, Transmission, Noise Figure, Channel Monitor and 59.3-MHz Tone Measurement
412-430-504	5	Receiver Modulator and IF Preamplifier
412-430-505	3	IF Main Amplifier and AGC Circuits
412-430-506	2	Automatic Gain Control Circuit
412-430-507	1	Band-Elimination Filter
412-430-508	1	IF Carrier Resupply of the Following Transmitter
412-430-509	1	Receiver Space Diversity — Diversity Switch

412-440 Mop-Up Equalization Bay

412-440-501	3	Tests
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412-450 Digital Service Tests

412-450-501	1	Impulse Noise Troubleshooting
412-450-502	3	Common Equipment Tests — Fade Margin Tests
412-450-503	1	Cochannel Tones and Cross Polarization Discrimination

412-460 Demand Maintenance

412-460-103	3	Transmitter Tests — Demand Maintenance
412-460-104	2	Receiver Tests

412-5 Auxiliary Channel**412-500 Description**

412-500-100	1	General
Addendum	1	
412-500-101	2	Transmitter-Receiver
412-500-102	1	Terminal

412-510 Transmitter-Receiver Tests

412-510-500	1	General
412-510-501	3	Placement In and Removal From Service
412-510-502	4	Preliminary Checks
412-510-503	2	Station Line-Up
412-510-504	2	Alarms

Number	Issue	Subject
412-510-505	2	Receiver Modulator — IF Preamplifier
412-510-506	1	IF Amplifier-Detector and Baseband Amplifier, and Automatic Gain Control
412-510-507	2	Transmitter Modulator
412-510-508	1	Frequency-Shift Oscillator
412-510-509	1	Frequency-Shift Modulator
412-510-510	1	Traveling-Wave-Tube Amplifier
412-510-511	1	RF Power and Modulation Monitor Circuit — Placement in Service

412-520 Terminal Bay Tests

412-520-500	1	General
412-520-501	1	Placement In and Removal From Service
412-520-502	2	Preliminary Checks
412-520-503	4	ON-1 Carrier Terminal
412-520-504	2	J68402M Tone Reporter

412-6 Automatic Protection Switching**412-600 Overall System****Description**

412-600-100	1	Overall System
412-600-101	1	IF Switching
412-600-103	1	Signaling — Tone and DC Reporting
412-600-106	2	Controls, Indications, and Alarms
412-600-107	1	Automatic Exerciser

Operation

412-600-300	1	Manual Operation
412-600-310	1	Automatic Exerciser

System Tests

412-600-502	2	Tone Line Levels
412-600-503	1	Switching Operation
412-600-504	3	Operational Failure
412-600-505	1	Timing
412-600-506	1	Status Tones

412-610 IF Switching Tests

412-610-501	2	8A Gate
412-610-502	2	IF Switch Control Circuit
Addendum	1	
412-610-503	2	IF Carrier Supply
412-610-504	2	IF Amplifier
Addendum	1	
412-610-505	2	IF Level Detector

412-620 Baseband Switching Tests

412-620-501	1	9A Gate
412-620-502	1	Channel Switch Control Unit
412-620-503	1	Baseband Amplifier
412-620-504	1	Receiving Baseband Switch Unit

412-630 Signaling Circuit Tests

412-630-501	2	Tone Oscillator
412-630-502	4	Tone Detector
412-630-503	3	Noise Detector

412-640 Common Control Circuit Tests

Addendum	2	
412-640-501	2	Transmitting and Receiving Logic Unit Tests
412-640-502	4	Transmitting and Receiving Logic Test Charts
412-640-503	3	DC Translator
412-640-504	1	Manual Switch Control
Addendum	1	
412-640-505	1	Override Switch Control
412-640-506	1	Protection Channel Access Switch Control
412-640-507	1	Automatic Exerciser

412-7 Maintenance Center**412-710 FM Transmitter Tests**

412-710-501	1	AFC Circuit
412-710-502	1	Limiter-Discriminator
412-710-503	1	Reference Oscillator
412-710-504	1	Frequency Comparator
412-710-505	1	Video Amplifier

Number	Issue	Subject	Number	Issue	Subject
412-720 FM Receiver Tests			412-760 Auxiliary Channel Tests		
412-720-501	1	Discriminator-Video Amplifier	412-760-500	1	General
412-730 Broadband Channel Transmitter Tests			412-760-501	1	59.3 Mc Carrier Supply Modulator
412-730-501	3	IF Amplifier-Limiter	412-760-502	1	Automatic Gain Control
412-730-502	7	IF Carrier Resupply	412-760-503	2	Receiver Modulator and IF Preamplifier
412-730-503	2	Transmitter Modulator	412-760-504	1	Frequency Shift Oscillator
412-740 Broadband Channel Receiver Tests			412-760-505	1	IF Amplifier-Detector and Baseband Amplifier
412-740-501	2	IF Main Amplifier	Addendum	1	
412-740-502	3	Receiver Modulator and IF Preamplifier	412-760-506	1	Transmitter Modulator
412-740-503	2	Automatic Gain Control	412-760-507	1	Frequency Shift Modulator
412-750 Microwave Carrier Supply Tests			412-770 Common Equipment Tests		
412-750-501	1	14.8 Mc Oscillator	412-770-501	2	29.7-Mc and 59.3-Mc Carrier Supply Modulators
412-750-502	1	Frequency Comparator	412-770-502	1	IF Amplifier
412-750-503	1	Low Frequency Generator	412-770-503	1	J68406P IF Amplifier-Limiter
412-750-504	2	252 Mc Carrier Supply Modulator	412-770-504	1	Video Amplifier Monitor
			412-8 Antenna Duplexing		
			412-802-302	1	Temporary Single-Antenna Operation

Division 413**TH-3 Microwave Radio****413-0 Index and Equipment Test List****413-1 Overall System****413-4 Transmitter-Receiver Bay****413-6 Hot Standby/Space Diversity****413-7 Maintenance Center****413-8 Antenna Duplexing**

Number	Issue	Subject
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413-0 Index and Equipment Test List

413-000-000	73	Numerical Index — Division 413 — TH-3 Microwave Radio
413-001-011	8	ETL — TH-3 Radio

413-1 Overall System**Tests**

413-100-100	3	Description
413-100-301	2	Initial Lineup of Channels
413-100-500	5	General Test Information
413-100-501	2	Envelope Delay Distortion
413-100-503	3	Channel Net Gain and Baseband Response
413-100-504	4	Thermal Noise and Spurious Tones
413-100-505	2	Noise Loading
413-100-506	2	Differential Phase and Gain
413-100-507	2	Differential Absolute Delay Equalization — Out-of-Service Procedure
413-100-508	4	Received Carrier Power
413-100-509	1	Carrier Frequency Measurements

Number	Issue	Subject
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413-4 Transmitter-Receiver Bay**Description**

413-400-100	3	General Description
413-400-301	5	Turnoff and Turnon Procedures

Tests

413-400-500	5	General
413-400-501	4	Level Diagrams
413-400-502	5	IF Return Loss
413-400-510	1	RF Leakage
413-400-511	1	Impulse Noise Troubleshooting
413-400-512	2	Fade Margin
413-400-513	1	Cross-Polarization Test
413-400-520	3	Bay Troubleshooting and Fast Return to Service

Common Equipment Tests

413-402-501	8	In-Service Checks
413-402-502	5	Carrier Level
413-402-503	5	Alarms
413-402-520	9	Microwave Generator and 6-GHz Multiplier
Addendum	1	
413-402-521	2	Microwave Distribution Networks
Addendum	1	
413-402-522	4	Shift Oscillator and Shift Modulator
413-402-523	1	6-GHz RF Shifter Application

Receiver Tests

Addendum	1	
413-404-500	7	Overall Transmission
413-404-501	2	J68387S IF Main Amplifier
Addendum	1	
413-404-502	1	Receiver Modulator — IF Preamplifier
413-404-504	4	AM Noise Figure
413-404-505	1	Testing and Replacing the 295A IF Switch

Number	Issue	Subject
Transmitter Tests		
413-406-500	5	Overall Power Level
413-406-501	7	IF Limiter-Amplifier and Transmitter Modulator
413-406-502	2	RF Squelch Initiator
413-406-503	1	Testing and Replacing RF Switch and 337A Relay
413-406-520	8	464A and KS-21196 Traveling Wave Tube Amplifiers — Transmitter-Receiver Bay — Replacement and Turnon Procedure
413-406-521	5	J86886A, J87356A, and KS-21196 Traveling-Wave Tube Power Supplies

413-6 Hot Standby/Space Diversity

413-600-500	2	Overall Switching — General
413-600-501	2	Overall Switching — Tests
413-600-502	2	Testing and Replacement of the J68434B Pilot Detector

413-7 Maintenance Center

413-700-500	1	Transmitter-Receiver Bay Components — General
413-700-502	1	Transmitter-Receiver Bay Components — J68387S IF Main Amplifier
413-700-506	1	Transmitter-Receiver Bay Components — J87279A 1m-19 Volt, 4.0-Ampere Semiconductor Regulator
413-700-509	1	Transmitter-Receiver Bay Components — J86913F Alarm Circuit
413-700-510	1	Transmitter-Receiver Bay Components — J68913E Meter Panel

413-8 Antenna Duplexing

413-802-302	1	Temporary Single Antenna Operation
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Division 415**TD-3D Microwave Radio****415-0 Index****415-1 Overall System****415-2 Transmitter-Receiver Bays****415-3 Transmitter-Receiver Bays****415-4 Transmitter-Receiver Bays****415-5 Transmitter-Receiver Bays****415-6 Hot Standby/Space Diversity****415-8 Antenna Arrangement**

Number	Issue	Subject
415-0 Index		
415-000-000	52	Numerical Index Division 415 — TD-3D Microwave Radio
415-001-011	7	ETL — TD-3D Radio

415-1 Overall System**Tests**

415-100-508	1	Received Carrier Power
415-100-509	1	Carrier Frequency Measurements

415-2 Transmitter-Receiver Bays

415-200-100	5	J68386J, K, L, M, N, and P — Description — General
415-200-300	2	Turnon and Turnoff Procedures
415-200-303	1	Operation With Portable Microwave Repeater
415-200-500	1	Tests — General
415-200-501	4	Level Diagrams

415-3 Transmitter-Receiver Bays

415-301-500	7	Overall Receiver Tests Using J68345A Test Set
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Number	Issue	Subject
415-301-501	6	Overall Transmitter Tests Using J68345A Test Set
415-301-502	8	Overall Repeater Tests Using J68345A Test Set

Common Equipment Tests

415-310-500	4	J68387R-2 Microwave Generator
415-310-501	1	J68387W 40-MHz Oscillator and Shift Modulator
415-310-502	2	Receiver Tests — Receiver Modulator — IF Preamplicifier

Transmitter Tests

415-310-504	2	J68387U IF Driver Amplifier— Transmitter Modulator — Transmitter-Receiver Bays
415-310-505	1	Transmitter Amplifier
415-310-506	1	27B or 28B Integrated Circuit Replacement
415-310-507	2	Hot Standby or Hot Standby/Space Diversity — RF Switch Test and Replacement
415-310-508	1	Receiver Space Diversity — Diversity Switch
415-310-511	1	Transmitter-Receiver Bays — Common Equipment Tests — Impulse Noise Troubleshooting
415-310-512	2	Fade Margin Tests Using J68345A Test Set
415-310-513	1	Transmitter-Receiver Bays — Common Equipment Tests — Cross-Polarization Discrimination Test
415-310-520	2	IF Return Loss Measurements
415-310-521	1	J68386J, K, L, M, N, and P — Receiver Noise Figure Test Using the J68345A Test Set

415-4 Transmitter-Receiver Bays

415-401-500	6	Overall Receiver Tests Using J68392A Test Set
415-401-501	5	Overall Transmitter Tests Using J68392A Test Set

Common Equipment Tests

415-410-500	4	J68387R-2 Microwave Generator
415-410-501	1	J68387W 40-MHz Oscillator and Shift Modulator

Number	Issue	Subject	Number	Issue	Subject
415-410-502	2	Receiver Tests Using J68392A Test Set — Receiver Modulator — IF Preamplifier	415-510-504	2	J68387U IF Driver Amplifier— Transmitter Modulator — Transmitter-Receiver Bays
415-410-504	2	J68387U IF Driver Amplifier— Transmitter Modulator — Transmitter-Receiver Bays	415-510-505	1	Transmitter Amplifier
415-410-505	1	Transmitter Amplifier	415-510-506	1	J68386J, K, L, M, N, and P — Tests Using the J68428A Test Set — 27B or 28B Integrated Circuit Replacement
415-410-506	1	J68386J, K, L, M, N, and P — Tests Using the J68392A Test Set — 27B or 28B Integrated Circuit Replacement	415-510-507	2	Hot Standby or Hot Standby/Space Diversity — RF Switch Test and Replacement
415-410-507	2	Hot Standby or Hot Standby/Space Diversity — RF Switch Test and Replacement	415-510-508	1	Receiver Space Diversity — Diversity Switch
415-410-508	1	Receiver Space Diversity — Diversity Switch	415-510-511	1	Transmitter-Receiver Bays — Common Equipment Tests — Impulse Noise Troubleshooting
415-410-511	1	Impulse Noise Troubleshooting	415-510-512	2	Fade Margin Tests Using J68428A Test Set
415-410-512	3	Fade Margin Tests Using J68492A Test Set	415-510-513	1	Transmitter-Receiver Bays — Common Equipment Tests — Cross-Polarization Discrimination Test
415-410-513	1	Common Equipment Test Cross — Polarization Discrimination Test	415-510-520	2	J68386J, K, L, M, N, and P Transmitter- Receiver Bays — Transmitter and Receiver Tests Using the J68392A Test Set IF Return-Loss Measurement
415-410-520	1	J68386J, K, L, M, N and P — Transmitter and Receiver Tests Using the J68392A Test Set IF Return-Loss Measurement	415-510-521	1	J68386J, K, L, M, N, and P — Receiver Noise Figure Test Using the J68392A Test Set
415-410-521	1	J68386J, K, L, M, N, and P — Receiver Noise Figure Test Using the J68392A Test Set			

415-5 Transmitter-Receiver Bays**Overall Transmitter Tests**

415-501-500	7	J68386J, K, L, M, N, and P — Overall Receiver Tests Using the J68428A Test Set
415-501-501	6	J68386J, K, L, M, N, and P — Overall Transmitter Tests Using the J68428A Test Set

Common Equipment Tests

415-510-500	4	J68386J, K, L, M, N, and P — Using the J68428A Test Set — J68387R-2 Microwave Generator
415-510-501	1	J68387W 40-MHz Oscillator and Shift Modulator
415-510-502	2	J68386J, K, L, M, N, and P — Using the J68428A Test Set — Receiver Modulator — IF Preamplifier

415-6 Hot Standby/Space Diversity**Overall Switching**

415-600-500	1	General
415-600-501	2	Tests
415-600-502	1	Testing and Replacement of the J68434B Pilot Detector

415-8 Antenna Arrangement

415-802-302	1	Waveguide-Antenna System Restoration — General
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Division 416**TN-1 Microwave Radio****416-0 Index and Equipment Test List****416-1 End-to-End Baseband Protection Switching****416-2 End-to-End IF Protection Switching****416-3 Hot Standby/Space Diversity Systems****416-5 Transmitter-Receiver Panel**

Number	Issue	Subject
416-0 Index and Equipment Test List		
416-000-000	33	Numerical Index — Division 416 — TN-1 Microwave Radio
416-001-011	3	ETL — TN-1 Radio

416-099 Customer Information Releases (CIRs)

□ 416-099-001MG	1	24-Hour Emergency Replacement Service for 581 Integrated Circuits - TN-1 Radio Systems, Transmission Systems
416-099-002IR	1	Discontinued Availability of TN-1 and TN-1A Microwave Radio Systems, Transmission Systems

416-1 End-to-End Baseband Protection Switching

416-100-100	2	Description
416-100-301	1	System Operation — Initial Line-up of Channels
416-100-500	2	General Test Information
416-100-501	1	System Tests — Envelope Delay Distortion
416-100-502	1	System Tests — Channel Net Gain and Baseband Response
416-100-503	2	System Tests — Thermal Noise and Spurious Tones
416-100-504	1	Test Information — Noise Loading
416-100-505	1	System Tests — Differential Phase and Gain
416-100-506	2	System Tests — Receiver Input Power

Number Issue Subject**416-2 End-to-End IF Protection Switching**

416-200-100	1	Description
416-200-301	1	System Operation — Initial Line-up of Channels
416-200-500	4	General System Tests
Addendum	1	
416-200-501	1	System Tests — Envelope Delay Distortion
416-200-502	1	System Tests — Channel Net Gain and Baseband Response
416-200-503	1	System Tests — Thermal Noise and Spurious Tones
416-200-504	2	Test Information — Noise Loading
416-200-505	1	System Tests — Differential Phase and Gain
416-200-506	1	System Tests — Receiver Input Power

416-3 Hot Standby/Space Diversity Systems

416-300-100	2	System Description
416-300-301	1	System Operation — Initial Line-up of Channels
416-300-302	1	Operation — J68434A Switch Control Unit
416-300-500	2	General Test Information
416-300-506	1	Receiver Input Power

416-5 Transmitter-Receiver Panel

Addendum	1	
416-500-100	1	Description
416-500-301	1	Operation — Turnon and Turnoff Procedures
416-500-500	1	Tests — General
416-500-501	1	Tests — Level Diagrams
416-500-502	3	Tests — In-Service Checks
416-500-504	2	Alarm and Meter Panel Test
416-500-505	1	Tests — IF Return Loss
416-510-500	3	Receiver Tests — Overall Transmission
416-510-501	1	Receiver Tests — Receiver Modulator — IF Preamplifier
Addendum	1	
416-510-502	1	Receiver Tests — IF Main Amplifier

Number	Issue	Subject
416-510-503	4	Receiver Tests — Local Oscillator
416-510-504	2	Receiver Tests — AM Noise Figure
416-510-505	1	Receiver Test — Testing and Replacing 295A IF Switch and 295D Baseband Switch
416-520-500	4	Transmitter Tests — Overall Power Level
416-520-501	1	Transmitter Tests — IF Limiter-Driver Amplifier/Transmitter Modulator
416-520-502	2	Transmitter Tests — Transmitter Amplifier System
416-520-503	4	Transmitter Tests — Local Oscillator
416-520-504	1	Transmitter Tests — Testing and Replacing RF Switch and 337A Relay
416-520-505	2	TN-1A Transmitter — Transmitter Adjustments

Division 417**3A-Radio Digital Systems****417-0 Index****417-1 3A-RDS**

Number	Issue	Subject
417-0 Index		
417-000-000	19	Numerical Index — Division 417 — 3A-Radio Digital Systems
417-1 3A-RDS		
417-001-011	3	ETL — Microwave Radio
417-100-100	1	System Description
417-100-301	2	System — Initial Lineup
417-100-500	1	System — General Maintenance
417-100-501	3	System — Tests
417-101-100	1	Radio Line Terminating Frame — Description
417-101-301	2	Radio Line Terminating Frame — Initial Lineup or Channel Addition
417-101-500	2	Radio Line Terminating Frame — General Maintenance
417-101-501	2	Radio Line Terminating Frame — Tests
417-102-100	1	1X1 Radio Line Terminating Arrangement — Description
417-102-301	2	Radio Line Terminating Arrangement — Initial Lineup
417-102-500	2	Radio Line Terminating Arrangement — General Maintenance
417-102-501	2	Radio Line Terminating Arrangement — Tests
417-103-100	1	Radio Digital Terminal — Description

Number	Issue	Subject
417-103-101	1	Performance Monitor — Description
417-103-102	1	Auxiliary Channel Equipment — Service Channel Patch and Access Panel (SCRAP) — Description
417-103-301	2	3A Radio Digital Terminal — Initial Lineup
417-103-500	2	3A Radio Digital Terminal — General Maintenance
417-103-501	2	3A Radio Digital Terminal — Tests
417-104-100	1	3A Radio Digital Terminal Regenerator — Description
417-104-301	2	3A Radio Digital Terminal (3A-RDT) Regenerator — Initial Lineup
417-104-500	2	3A Radio Digital Terminal (3A-RDT) Regenerator — General Maintenance
417-104-501	2	3A Radio Digital Terminal (3A-RDT) Regenerator — Tests
Addendum	1	
417-105-100	1	Portable Test Terminal — Description, Operation, and Tests
417-106-100	1	Auxiliary Channel Equipment — Descriptions
417-106-301	2	Auxiliary Channel Equipment — Terminal and Multiplex Equipment — Initial Lineup
417-106-500	2	Auxiliary Channel Equipment — Terminal and Multiplex Equipment — General Maintenance
417-106-501	2	Auxiliary Channel Equipment — Terminal and Multiplex Equipment — Tests

Division 419**AR 6A Single-Sideband Microwave Radio System****419-0 Index and Equipment Test List****419-1 Overall System****419-2 Protection Switching Systems (500A, 501A)****419-3 Transmitter-Receiver Bay and Support Bay**

Number	Issue	Subject
419-0 Index and Equipment Test List		
419-000-000	13	Numerical Index — Division 419 — AR 6A Single-Sideband Mi- crowave Radio System
419-001-011	1	Equipment Test List

010-099 Customer Information Release (CIR)

□ 419-099-001 IR	1	Discontinued Availability of AR6A Single Sideband Radio and Associated Equipment, Transmission Systems
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Number	Issue	Subject
419-1 Overall System		
419-100-100	1	Description
▲419-100-500	1	Maintenance Procedures
419-2 Protection Switching Systems (500A, 501A)		
419-200-100	1	500A — Description
419-200-101	1	501A — Description
▲419-200-500	2	Maintenance Procedures
419-3 Transmitter-Receiver Bay and Support Bay		
419-300-100	1	Description
Addendum	1	
▲419-300-500	3	Maintenance Procedures

Division 420**Microwave Radio — Common Equipment****420-0 Index and Equipment Test Lists**

- 000 Index
- 001 Equipment Test Lists

420-2 FM Terminals

- 210 3A FM Transmitter
- 211 3A FM Receiver
- 213 4-Type FM Terminals
- 214 4-Type FM Transmitters
- 215 4-Type FM Receiver
- 216 5A FM Terminal BB Modem
- 217 5A FM Terminal IF Deviation Shifter

420-3 Auxiliary Systems

- 300 J68422 Frequency Dplexed Auxiliary Channel
- 301 Auxiliary Channel Switching System
- 302 J68422C Auxiliary Channel
Modulating/Demodulating Panel
- 304 16A Modulator
- 305 IF Entrance Link
- 306 J68415A Heterodyne Auxiliary Channel
- 307 Radio Protection Monitor

420-5 Portable Microwave Repeater**420-6 Switching**

- 600 Data Tests
- 610 100A Protection Switching System
- 611 IF Equipment Tests
- 612 Initiator Tests
- 613 Receiving Logic Plug-in Units
- 614 Transmitting Logic Plug-in Units
- 615 Auxiliary Station Logic Plug-in Units
- 616 Voice-Frequency Circuit Plug-in Units
- 617 J68381E Exerciser Logic Plug-in Units
- 618 Miscellaneous Equipment
- 620 400A Protection Switching System
- 630 200A Protection Switching System
- 635 J68457A 1X1 Protection Switching System
- 650 300A Protection Switching System

- 660 400B Protection Switching System
- 670 401B Protection Switching System
- 680 400D Protection Switching System
- 684 400H Protection Switching System
- 685 401H Protection Switching System

420-7 Maintenance Center

- 701 3-Type FM Terminal — J68381DL Amplifier-Limiter
- 702 3-Type FM Terminal — J68383C or J68383P Deviator
- 703 3-Type FM Terminal — J68383D Control Unit
- 704 3-Type FM Terminal — J68383E IF Main Amplifier
- 705 3-Type FM Terminal — J68383F Baseband Amplifier
- 706 3-Type FM Terminal — J68383G Monitor Unit
- 707 3A FM Terminal — J68383H Limiter-Amplifier
- 708 3-Type FM Terminal — J68383L Limiter-Amplifier
- 709 3-Type FM Terminal — J68383J and J68383U Discriminator Baseband
- 710 3B FM Terminal — J68383S Control Unit
- 712 3-Type FM Terminal

420-8 Ancillary Equipment

Number	Issue	Subject
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420-0 Index and Equipment Test Lists**420-000 Index**

420-000-000	23	Numerical Index — Division 420 — Microwave Radio — Common Equipment
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420-001 Equipment Test Lists

420-001-011	10	FM Terminals
420-001-012	1	Auxiliary Systems
420-001-013	1	Protection Switching

420-2 FM Terminals**420-210 3A FM Transmitter**

Description	Issue	Description
Addendum	1	
420-210-100	1	Description

Number	Issue	Subject	Number	Issue	Subject
420-210-301	1	Placement In and Removal From Service	420-213 4-Type FM Terminals		
Tests			420-213-500	2	Description and Maintenance — J68418C Portable Housing
420-210-500	2	General	420-214 4-Type FM Transmitters		
420-210-501	2	In-Service Checks	Description		
420-210-502	4	IF and Oscillator Rest Frequencies	Addendum	1	
420-210-503	2	Square-Wave Response	420-214-100	2	Description
420-210-504	2	IF Output and Frequency Response	420-214-301	3	Placement In and Removal From Service
420-210-505	2	Linearity	Tests		
Addendum	1		420-214-500	2	General
420-210-506	2	Deviation Sensitivity	420-214-501	3	In-Service Checks
420-210-507	2	Frequency Response and Monitor Gain Adjustments	Addendum	1	
420-210-508	2	Alarm Circuit Adjustments	420-214-502	3	Rest Frequency, Output Level, and Deviation Sensitivity
420-210-509	1	Fluctuation Noise and Spurious Tone Measurements	420-214-503	3	IF Flatness, Linearity, and Delay
420-210-510	1	Oven Temperature Control Circuit — Performance Checks	420-214-504	3	Tests—Baseband Gain-Frequency Response
420-210-511	1	Control Unit — Performance Checks	420-214-505	3	Fluctuation Noise and Spurious Tone Measurements
420-210-512	1	-20 Volt Regulator — Performance Checks	420-214-506	3	Square-Wave Response
420-211 3A FM Receiver			420-215 4-Type FM Receiver		
Description			420-215-100	2	Description
420-211-100	1	Description	420-215-301	2	Placement In and Removal From Service
420-211-301	1	Placement In and Removal From Service	Tests		
Tests			420-215-500	3	General
420-211-500	2	General	420-215-501	2	In-Service Checks
420-211-501	1	In-Service Checks	420-215-502	4	FM Terminal — Square-Wave Response Test
420-211-502	1	Square-Wave Response	420-215-503	3	Gain, Frequency Response, and Limiting Action
Addendum	1		420-215-504	4	Linearity
420-211-503	2	Gain, Frequency Response, Limiting Action, and Alarm Circuit Adjustments	420-215-505	4	Fluctuation Noise and Spurious Tone Measurements
420-211-504	2	Linearity	420-216 5A FM Terminal BB Modem		
420-211-505	2	Fluctuation Noise and Spurious Tone Measurements	420-216-100	1	Description
420-211-506	1	Alarm Relays — Performance Checks	420-216-301	1	Placement In and Removal From Service

Number	Issue	Subject
420-216-500	1	Tests — General
420-216-501	2	In-Service Tests
420-216-502	1	J68418F — Rest Frequency, Output Level, and Deviation Sensitivity
Addendum	1	
420-216-503	1	J68418F — Transmitter — IF Flatness, Linearity, and Delay
420-216-504	1	J68418F — Receiver Linearity and Delay
420-216-505	2	Gain, Frequency Response, and Limiting Action
420-216-506	2	Fluctuation Noise and Spurious Tone Measurements
420-216-507	1	Square-Wave Response
420-216-508	1	Pilot Detector Tests
420-216-509	1	J68418F — Linearity and Delay Tests

420-217 5A FM Terminal IF Deviation Shifter

420-217-100	1	Description
420-217-301	1	Placement In and Removal From Service
420-217-500	1	Test — General
420-217-501	1	In-Service Tests
420-217-502	2	J68418G — Output Level, Rest Frequency, and Deviation Sensitivity
Addendum	1	
420-217-503	1	J68418G — IF Deviation Shifter — Transmitter — IF Flatness, Linearity, and Delay
420-217-504	1	J68418G — IF Deviation Shifter — Receiver Linearity and Delay
420-217-505	2	Gain, Frequency Response, and Limiting Action
420-217-506	2	Fluctuation Noise and Spurious Tone Measurements
420-217-507	1	Square-Wave Response
420-217-508	2	J68418G — IF Deviation Shifter — Baseband Protection Circuit

Number	Issue	Subject
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420-3 Auxiliary Systems**420-300 J68422 Frequency Diplexed Auxiliary Channel****Description**

420-300-100	1	Overall System
420-300-101	1	J68422C Modulating/Demodulating Panel
420-300-102	1	J68422E — 19 Volt Regulator, 263A Amplifier, and 1030A Filter Panel
420-300-103	1	16A Modulator
420-300-104	1	Farinon* Multiplex Service Channel
420-300-106	2	Auxiliary Channel Switching

Tests

420-300-500	1	General Test Information and Level Diagrams
420-300-501	2	Service Channel Tests — Terminals
420-300-502	1	Service Channel Tests — Repeaters

420-301 Auxiliary Channel Switching System**Operation**

420-301-300	1	Operation
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Tests

420-301-500	1	General
420-301-501	2	Terminal Station
420-301-502	1	Repeater Station

420-302 J68422C Auxiliary Channel Modulating/Demodulating Panel**Tests**

420-302-500	1	Maintenance
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420-304 16A Modulator

420-304-500	1	Removal and Replacement
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Number	Issue	Subject	Number	Issue	Subject
420-305 IF Entrance Link			Addendum	2	
420-305-000	2	Description, Operation, and Maintenance	420-610-107	1	Receiving Logic
420-306 J68415A Heterodyne Auxiliary Channel			Addendum	1	
420-306-100	2	Description	420-610-108	1	Transmitting Logic
420-306-500	3	Tests	420-610-109	1	Auxiliary Station Logic
420-307 Radio Protection Monitor			Addendum	1	
420-307-101	1	J68455A-1 100A — Description, Operation, and Maintenance	420-610-110	1	Voice Frequency Circuits
420-5 Portable Microwave Repeater			420-610-111	2	Controls, Indications, and Alarms
420-501-100	1	Farinon (PMR4000) — Description, Operation, and Maintenance	Addendum	1	
420-502-100	1	Hewlett-Packard 4 GHz (83001A) — Description, Operation, and Maintenance	420-610-112	1	J68381E Exerciser
420-6 Switching			420-610-113	1	Power
420-600 Data Tests			420-610-114	1	DC Translator
420-600-302	1	Protection Switching Systems — Registers — Recording and Analysis	420-610-115	2	J68381DJ IF Amplifier-Limiter Circuit and J68381EH IF Amplifier With Squelch
420-600-501	2	Long-Haul Radio System Data Trouble — Location Tests for 1A Radio Digital System (1A RDS)	420-610-116	1	J68389AC IF Amplifier
420-610 100A Protection Switching System			420-610-120	1	Simplified 1X1 System
Description			420-610-121	1	Combined System
420-610-100	5	Overall System	420-610-122	1	Split System
420-610-101	2	IF Switches	420-610-125	1	100A/400A Overbuild System
420-610-102	2	J68381BK and J68381EG IF Amplifiers	Operation		
420-610-103	3	J68381BT/DP/DW/EA Protection Carrier Supplies	420-610-300	6	System Operation
420-610-104	3	J68381BG/DN/EF Channel Initiators	420-610-302	1	Description, Operation, and Maintenance — Register Circuits
420-610-105	3	J68381BH/DM/DY/EB/FG Protection Pilot Detectors	System Tests		
420-610-106	1	General Logic Circuits	420-610-500	1	General
			420-610-502	10	J68381B Receiving IF Switch Bay
			420-610-503	3	J68381C Receiving Control Bay
			420-610-504	5	J68381A Transmitting IF Switch and Control Bay
			420-610-505	2	J68381D Auxiliary Station IF Switch and Control Bay
			420-610-506	5	Overall System
			420-610-507	3	J68389A IF Equalization and Amplifier Bay
			420-610-510	2	1 X 1 Simplified Switching System
			420-610-511	4	1X11 — J68381B Receiving IF Switch Bay
			420-610-512	2	1X11 — J68381C Receiving Control Bay
			420-610-513	2	1X11 — J68381A Transmitting IF Switch and Control Bay
			420-610-515	2	1 X 11 — Overall System

Number	Issue	Subject
420-610-516	1	1X11 J68389A IF Equalization and Amplifier Bay
420-611 IF Equipment Tests		
420-611-500	1	General
Addendum	1	
420-611-501	3	J68381BK, J68381EG, and J68389AC IF Amplifiers
420-611-502	2	J68381BJ/EJ IF Switch Control Unit
420-611-503	3	J68381BH/DM/DY/EB/FG Protection Pilot Detector Circuit
420-611-504	4	J68381BT/DP/DW/EA Protection Carrier Supply
420-611-505	2	8A, 8B, and 14A Gates
Addendum	1	
420-611-506	3	J68381DJ IF Amplifier-Limiter Circuit and J68381EH IF Amplifier With Squelch
420-612 Initiator Tests		
Addendum	1	
420-612-501	3	J68381DN/BG/EF Channel Initiator — 100A Protection Switching System
420-613 Receiving Logic Plug-in Units		
420-613-500	2	General
Addendum	1	
420-613-501	1	Tests
420-614 Transmitting Logic Plug-in Units		
420-614-500	2	General
420-614-501	1	Tests
420-615 Auxiliary Station Logic Plug-in Units		
420-615-500	1	General
420-615-501	1	Tests
420-616 Voice-Frequency Circuit Plug-in Units		
420-616-500	1	General
420-616-501	1	Tests

Number	Issue	Subject
420-617 J68381E Exerciser Logic Plug-in Units		
420-617-500	2	General
420-617-501	2	Tests
420-618 Miscellaneous Equipment		
420-618-500	1	General
420-618-501	2	Tests
420-620 400A Protection Switching System		
Description		
420-620-100	3	Overall System
420-620-101	2	Basic System
420-620-102	1	100A/400A Overbuild System
420-620-103	1	IF Intermix
420-620-104	1	Manual Controls, Indications, and Alarms
420-620-106	1	J68429P IF Amplifier
420-620-107	2	J68429S Protection Carrier Supply
420-620-108	2	J68429K/L Channel Initiators
420-620-109	1	J68429R IF Level Detector
420-620-110	1	295-Type Switches
420-620-115	1	General Logic Circuits
420-620-116	4	Receiving Logic
420-620-117	1	J68429F Receiving Channel Control Circuit
420-620-118	1	J68429G Receiving Protection Channel Control Circuit
420-620-119	1	J68429H Receiving Access Protection Switch Control Circuit
420-620-120	1	Description, Operation, and Maintenance — Simplified System
420-620-125	1	VF Control Signaling Facilities
420-620-126	1	ED-51903 VF Tone Oscillator and Logic
420-620-127	1	ED-51904 VF Summing Amplifier
420-620-128	1	ED-51905 VF Order-Tone Detector and Logic Unit
420-620-129	1	ED-51906 VF Continuity Tone Detector and Logic Circuit
420-620-130	1	ED-51926 VF Guard Tone, Noise Detector and Logic Circuit
420-620-131	1	ED-51927 VF AGC Amplifier
420-620-135	3	Transmitting Logic Circuits

Number	Issue	Subject	Number	Issue	Subject
420-620-136	1	J68429M Transmitting Regular Channel Control Circuit	420-630 200A Protection Switching System		
420-620-137	1	J68429N Transmitting Protection Channel Control Circuit	Description		
420-620-138	1	J68429J Transmitting Access Protection — Switch Control Circuit	420-630-100	4	Overall System
420-620-140	1	100A/400A Overbuild Circuits	420-630-101	5	FM Terminal Transmitter and Wire-Line Entrance Link Switching
420-620-141	1	400A Add-Drop System — Description, Operation and Maintenance	420-630-102	5	Description — FM Terminal Receiver and Wire-Line Entrance Link Switching
420-620-145	1	ED-51900 (AT), ED-51901 (ID), and ED-51902 (RD) Relay Units	420-630-103	4	FM Terminal Transmitter and WLEL Switching — Automatic and Manual Control Circuits
420-620-146	1	J68429T Remote Key and Lamp Panel	420-630-104	4	Description — FM Terminal Receiver and WLEL Switching — Automatic and Manual Control Circuits
420-620-147	1	Description, Operation, and Maintenance — Register Circuits	420-630-105	2	Indications, Alarms, and Alarm Circuits
420-620-150	1	J68429W Exerciser	420-630-106	3	Sensor Circuits
420-620-155	2	Power	420-630-107	2	Monitoring and Test Facilities
420-620-300	3	System Operation	420-630-108	2	Power and Power Distribution
420-620-301	1	Putting Into Service	420-630-109	2	J68389AA IF Amplifier
420-620-302	1	Transmitting IF Switch and Control Bay — Performance Requirements	Operation		
420-620-303	2	Receiving IF Switch and Control Bay — Performance Requirements	420-630-300	5	Operation — Overall System
420-620-304	2	Supplementary IF Switch and Control Bay — Performance Requirements	Tests		
420-620-305	2	J68429D IF Switch and Control Bay — Performance Requirements	420-630-500	7	Tests — Overall System
Tests			420-630-501	2	FM Terminal Transmitter and Wire-Line Entrance Link Switching Tests — Automatic and Manual Control Circuits
420-620-500	2	General	420-630-502	2	FM Terminal Receiver and Wire-Line Entrance Link Switching Tests — Automatic and Manual Control Circuits
420-620-501	6	Overall System	420-630-503	5	J68381BK, J68381EG, J68389AA, and J68389AC IF Amplifiers
420-620-502	5	J68429A Transmitting IF Switch and Control Bay	420-630-504	3	J68382H FM Receiver
420-620-503	8	J68429B Receiving IF Switch and Control Bay	420-630-505	6	Tests — J68382E Baseband Amplifier-Rectifier
420-620-504	7	J68429C Supplementary IF Switch and Control Bay	420-630-506	3	J68398P Metering Circuit
420-626-500	3	Troubleshooting	420-630-507	2	J87252C Voltage Regulator
420-628-000	1	401A — Description, Operation, and Maintenance	420-635 J68457A 1X1 Protection Switching System		
420-629-000	1	401C — Description, Operation, and Maintenance	420-635-000	1	Description, Operation, and Maintenance

Number	Issue	Subject
420-650 300A Protection Switching System		
420-650-100	3	Description
420-650-300	2	Operation
420-650-500	2	System Tests — General
420-650-501	2	System Tests — Transmitting End
420-650-502	3	System Tests — Receiving End

420-660 400B Protection Switching System

420-660-100	1	Description
420-660-101	1	Manual Controls, Indications, and Alarms
420-660-102	1	Baseband Transmission
420-660-110	1	Overall System Logic
420-660-111	1	Receiving Logic — Description
420-660-112	1	J68437D Receiving Regular Channel Control Unit — Description
420-660-113	1	J68437F Receiving Protection Channel Control Unit — Description
420-660-115	2	VF Control Signaling Facility — Description
420-660-116	1	VF Tone Oscillator and Logic Unit — Description
420-660-117	1	VF Summing Amplifier — Description
420-660-118	1	VF Order-Tone Detector and Logic Unit — Description
420-660-119	1	Description — VF Continuity Tone Detector and Logic Circuit
420-660-120	1	VF Guard Tone, Noise Detector and Logic Circuit — Description
420-660-121	1	VF AGC Amplifier Description
420-660-125	1	Description — Transmitting Logic
420-660-126	1	J68437J Transmitting Regular Channel Control Unit — Description
420-660-127	1	J68437H Transmitting Protection Channel Control Unit — Description
420-660-130	1	ED-51900 (AT), ED-51901 (ID), and ED-51902 (RD) Relay Units — Description
420-660-131	1	J68437M Remote Key and Lamp Panel — Description
420-660-135	1	J68437L Exerciser Description

Number	Issue	Subject
420-660-140	2	Digital Control Signaling Facility — Description
420-660-141	1	Encoding Units Description
420-660-142	1	Decoding Unit Description
420-660-143	1	ED-52173-30 Remote Manual Switch Control — Description
420-660-145	1	Power Circuits — Description
420-660-300	1	System Operation
420-660-301	1	Placing in Service
420-660-500	1	System Tests — General
420-660-501	1	System Tests — Overall System Routines
420-660-502	2	System Tests — J68437A Bay Tests
Addendum	1	
420-667-500	1	System Tests — Troubleshooting

420-670 401B Protection Switching System

420-670-100	1	Description
420-670-101	1	Description — Manual Controls, Indications, and Alarms
420-670-110	1	Description — Logic Circuits
420-670-300	1	Operation
420-670-301	1	Putting Into Service
420-670-500	1	System Tests — General
420-670-501	1	System Tests — Overall System
420-671-500	1	System Tests — Troubleshooting

420-680 400D Protection Switching System

Description		
420-680-100	1	Description
420-680-101	1	Manual Controls, Indications, and Alarms
420-680-102	2	Signaling — Description
420-680-103	1	Description — Channel Control Circuits
420-680-110	1	Description — Switches
420-680-115	1	Description — Exerciser
420-680-120	1	Simplified 1X1 System
420-680-300	1	System Operation

420-684 400H Protection Switching System

Description		
420-684-100	2	Overall System

Number	Issue	Subject	Number	Issue	Subject
420-684-101	2	Manual Controls, Indications, and Alarms	420-705 3-Type FM Terminal — J68383F Baseband Amplifier		
420-684-102	2	Signaling	420-705-501	1	Bias Adjustment and Power Supply Noise Rejection
420-684-106	1	Channel Control Circuits	420-705-502	1	Baseband Response and Gain Range
420-684-110	1	Switches	420-705-503	1	Longitudinal Suppression
420-684-120	1	Exerciser	420-705-504	1	Square-Wave Response
420-684-130	1	Description, Operation and Maintenance — Simplified 1X1 System	420-705-505	2	Linearity
420-684-300	2	System Operation	420-705-506	1	Noise Measurement
420-684-301	1	Placing Into Service	420-705-507	1	Troubleshooting
420-684-302	1	Performance Requirements	420-706 3-Type FM Terminal — J68383G Monitor Unit		
420-684-500	1	System Tests — General	420-706-501	1	Return Loss
420-684-501	1	System Tests — Overall System	420-706-502	1	High- and Low-Frequency Tank Circuit Adjustments
420-684-502	1	System Tests — Troubleshooting	420-706-503	1	DC Differential Balance and Discriminator Crossover Adjustments
420-685 401H Protection Switching System			420-706-504	2	IF Trap Adjustments
420-685-000	1	Description, Operation, and Maintenance	420-706-505	1	Discriminator Linearity Adjustment
420-7 Maintenance Center			420-706-506	2	Baseband Gain Range and Frequency Response
420-700-500	1	3-Type FM Terminal — General	420-706-507	2	Square-Wave Response
420-701 3-Type FM Terminal — J68381DL Amplifier-Limiter			420-706-508	1	Frequency Alarm
420-701-501	1	Return Loss	420-706-509	1	Level Alarm
420-701-502	1	Gain, Gain Range, Limiter Action and IF Flatness at Normal and ± 2 dB Relative Gain	420-706-510	1	Troubleshooting
420-701-503	1	Troubleshooting	420-707 3A FM Terminal — J68383H Limiter-Amplifier		
420-702 3-Type FM Terminal — J68383C or J68383P Deviator			420-707-501	1	Return Loss
Addendum	1		420-707-502	1	Frequency Response, Gain, Limiter Action
420-702-501	1	J68383C or J68383P Deviator	420-707-503	1	Troubleshooting
420-703 3-Type FM Terminal — J68383D Control Unit			420-708 3-Type FM Terminal — J68383L Limiter-Amplifier		
420-703-501	1	J68383D Control Unit	420-708-501	2	Return Loss
420-704 3-Type FM Terminal — J68383E IF Main Amplifier			420-708-502	1	Frequency Response, Gain, Limiter Action
420-704-501	1	J68383E IF Main Amplifier	420-708-503	1	Troubleshooting
420-704-502	1	Troubleshooting			

Number	Issue	Subject
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**420-709 3-Type FM Terminal — J68383J and J68383U
Discriminator Baseband**

420-709-501	1	Return Loss
420-709-502	1	IF Frequency Response
420-709-503	1	High- and Low-Frequency Tank Circuit Adjustment
420-709-504	1	Discriminator Crossover and IF Trap Adjustment
420-709-505	1	Baseband Gain Range
420-709-506	1	Discriminator Linearity
420-709-507	1	Noise
420-709-508	1	Baseband Response
420-709-509	1	Square-Wave Response
420-709-510	1	Level Alarm
420-709-511	1	Troubleshooting

420-710 3B FM Terminal — J68383S Control Unit

420-710-501	1	Troubleshooting
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420-712 3-Type FM Terminal

420-712-501	1	J87252B — 20V Regulator
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420-8 Ancillary Equipment

420-801-100	1	J68389AD IF Amplifier — Description
420-801-500	1	J68389AD IF Amplifier — Tests and Adjustments
420-802-100	2	Microwave Radio — Common Equipment — 652A Integrated Circuit — RF Preamplifier — Description, Installation, and Re- placement
420-810-500	1	System Tests — J68389A IF Equalization and Amplifier Bay

Division 421**FR/DR Microwave Radio Systems****421-0 Indexes and General Information****421-1 Microwave Radio System — DR6/11-135A and 135EC**

- 100 IXN Frequency Diversity and Hot Standby — Maintenance Center Operations
- 101 Frequency Diversity — Operation and Maintenance — Maintenance Support
- 102 Frequency Diversity — Operation and Maintenance — Terminal Station
- 103 Frequency Diversity — Operation and Maintenance — Regenerator Station
- 104 Hot Standby — Operation and Maintenance — Maintenance Support
- 105 Hot Standby — Operation and Maintenance — Terminal Station
- 106 Hot Standby — Operation and Maintenance — Regenerator Station
- 109 Frequency Diversity — Turnup Procedures

421-2 DR6/11-90A, DR6/11-135, and FR6 Microwave Radio Systems**421-3 International Digital Radio Systems****-300 DR6/DR11****421-4 NDR (Network Distribution Radio)**

- 400 General
- 401 LC Series Digital Microwave Radio
- 402 M Series Digital Microwave Radio
- 404 W Series Digital Microwave Radio

Number	Issue	Subject
421-0 Indexes and General Information		
421-000-000	58	Numerical Index — Division 421 — FR/DR Microwave Radio Systems (2-95)
421-001-011	1	Equipment Test List — DR6/30 Digital System
421-001-012	1	Equipment Test List — DR11/40 Digital System

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421-001-013	1	Equipment Test List — FR6/30 Analog System

421-1 Microwave Radio System — DR6/11-135A and 135EC**421-100 IXN Frequency Diversity and Hot Standby — Maintenance Center Operations**

421-100-001	1	Serial Alarm Reporting — DR6/11-135A and 135EC NOTE: Provides binder, tabs, and the documents listed below.
		421-100-002 421-100-004
		421-100-005 421-100-006
		421-100-007 421-100-008
		421-100-009 421-100-010
		421-100-032
421-100-002	3	Document Contents List for AT&T 421-100-001
Frequency Diversity		
421-100-004	2	Route Diagrams
Addendum	1	
421-100-005	1	Alarm Analysis Procedures
421-100-006	1	Repair Verification and System Restoral
Addendum	1	
421-100-007	2	Scan Point Explanations
421-100-008	2	Control Point Explanations
421-100-009	1	Remote System Operations
421-100-010	3	Glossary for 421-100 Layer Documents
421-100-011	2	Document Contents List for AT&T 421-100-080
421-100-012	1	Discrete Alarm Reporting DR 6/11-135A and 135EC — Document Contents
421-100-013	2	Document Contents List for AT&T 421-100-090
421-100-016	2	Route Diagrams
Addendum	1	
421-100-017	1	Alarm Analysis Procedures
421-100-018	1	Repair Verification and System Restoral
421-100-019	1	Scan Point Explanations
421-100-020	1	Control Point Explanations

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421-100-021	1	Remote System Operations	421-100-010		421-100-013
421-100-032	2	Discrete Alarm Reporting DR 6/11-135A and 135EC — Document Introduction	421-100-016		421-100-021
421-100-033	1	Discrete Alarm Reporting DR 6/11-135A and 135EC — Alarm Analysis Procedures	421-100-032		421-100-044
421-100-034	1	Discrete Alarm Reporting DR 6/11-135A and 135EC — Repair Verification and System Restoral	421-100-043		421-100-047
421-100-035	1	Discrete Alarm Reporting DR 6/11-135 and 135EC — Remote System Operations	421-100-048		
421-100-037	1	Discrete Alarm Reporting DR 6/11-135A and 135EC — Scan Point Explanations	421-101 1xN Frequency Diversity — Operation and Maintenance — Maintenance Support		
421-100-038	1	Discrete Alarm Reporting DR 6/11-135A and 135EC — Control Point Explanations	421-101-001	1	Maintenance Support — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.
Addendum	1		421-101-002		421-101-003
421-100-043	1	Alarm Analysis Procedures	421-101-004		421-101-006
421-100-044	1	Repair Verification and System Restoral	421-101-007		421-101-008
Addendum	1		421-101-009		421-101-010
421-100-047	1	Scan Point Explanations	421-101-011		421-101-012
421-100-048	1	Control Point Explanations	421-101-013		421-101-014
421-100-060	1	DR6/11-135 Digital Radio Frequency Diversity — Discrete Telemetry — Maintenance Center Operation NOTE: Provides binder, tabs, and the documents listed below.	421-101-015		421-101-017
		421-100-004 421-100-010	421-101-018		421-101-020
		421-100-012 421-100-032	421-101-022		421-101-023
		421-100-033 421-100-034	421-101-024		421-101-025
		421-100-035 421-100-037	421-101-028		421-104-021
		421-100-038	421-104-026		
421-100-080	1	Serial Alarm Reporting NOTE: Provides binder, tabs, and the documents listed below.	421-101-002	3	Document Contents List for AT&T 421-101-001
		421-100-010 421-100-011	421-101-003	4	Document Introduction for AT&T 421-101-001
		421-100-016 421-100-017	421-101-004	2	System Performance Diagnostics
		421-100-018 421-100-019	421-101-005	3	Document Contents List for AT&T 421-101-060
		421-100-020 421-100-021	Description		
		421-100-032	421-101-006	2	General
421-100-090	1	Discrete Telemetry NOTE: Provides binder, tabs, and the documents listed below.	421-101-007	3	Terminal
			Addendum	1	
			421-101-008	2	Regenerator
			Addendum	1	
			421-101-009	3	Radio
			Addendum	1	
			421-101-010	3	Circuit Packs
			Equipment Identification		
			421-101-011	2	General
			Addendum	1	
			421-101-012	3	Terminal

Number	Issue	Subject	Number	Issue	Subject
421-101-013	3	Regenerator			
Addendum	1				
421-101-014	3	Radio			
Addendum	1				
421-101-015	3	Controls, Jacks, Indications, and Options			
Special Sections			421-102 Frequency Diversity — Operation and Maintenance — Terminal Station		
421-101-017	3	Special Replacement Procedures	421-102-001	1	TWT Amplifier — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.
421-101-018	2	Route Diagrams			
421-101-020	3	Glossary for 421-101 Layer Documents			
Tests					
421-101-022	2	DS3 to DS3 Performance Check	421-102-002		421-102-003
421-101-023	3	Pseudo Error, CRC Error, and Frame Loss Event Monitoring	421-102-004		421-102-010
421-101-024	3	Phase Plane Display Diagnosis	421-102-011		421-102-012
421-101-025	3	DR6/11-135 Digital Radio System — Maintenance Support — Radio Transmission Tests	421-102-018		421-102-020
			421-102-021		421-102-022
421-101-028	1	DADE (Differential Absolute Delay Equalization)	421-102-023		421-102-024
421-101-042	3	Terminal — Description	421-102-025		421-102-026
Addendum	1		421-102-030		421-102-031
421-101-043	2	Regenerator — Description	421-102-032		421-102-033
421-101-044	3	Circuit Packs — Description	421-102-040		421-102-041
Addendum	2		421-102-042		421-102-043
421-101-045	2	Terminal — Equipment Identification	421-102-044		421-102-045
Addendum	1		421-102-046		421-102-047
421-101-046	2	Regenerator — Equipment Identification	421-102-049		421-102-050
421-101-047	3	Controls, Jacks, Indications, and Options	421-102-051		421-102-060
421-101-060	1	Maintenance Support — 135EC NOTE: Provides binder, tabs, and the documents listed below.	421-102-061		421-102-062
			421-102-070		421-102-071
			421-102-072		421-102-073
			421-102-074		421-102-075
			■ 421-102-001AC 1 TWT Amplifier — 135A NOTE: Provides binder, tabs, and the documents listed below.		
			421-102-003		421-102-004
			421-102-005AC		421-102-010
			421-102-011		421-102-012
			421-102-018		421-102-020
			421-102-021		421-102-022
			421-102-023		421-102-024
			421-102-025		421-102-026
			421-102-030		421-102-031
			421-102-032		421-102-033
			421-102-040		421-102-041
			421-102-042		421-102-043
			421-102-044		421-102-045
			421-102-046		421-102-047
			421-102-049		421-102-050
			421-102-051		421-102-060
			421-102-061		421-102-062
			421-102-080AC		421-102-081AC
			421-102-082AC		421-102-083AC
			421-102-084AC		421-102-085AC
			421-102-086AC		
421-101-003		421-101-004			
421-101-005		421-101-006			
421-101-009		421-101-011			
421-101-014		421-101-017			
421-101-018		421-101-020			
421-101-022		421-101-023			
421-101-024		421-101-025			
421-101-028		421-101-042			
421-101-043		421-101-044			

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421-102-002	3	General	421-102-004	2	System Operations
■ 421-102-002AC	3	Solid-State Amplifier — 135A NOTE: Provides binder, tabs, and the documents listed below.	■ 421-102-004AC	1	Solid-State Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.
		421-102-003 421-102-004			421-102-003 421-102-009
		421-102-006AC 421-102-010			421-102-010 421-102-011
		421-102-011 421-102-012			421-102-013 421-102-014
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		421-102-023 421-102-024			421-102-022 421-102-023
		421-102-025 421-102-026			421-102-024 421-102-025
		421-102-035 421-102-038			421-102-026 421-102-028
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		421-102-047 421-102-051			421-102-048 421-102-052
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		421-102-062 421-102-063			421-102-063 421-102-080AC
		421-102-080AC 421-102-081AC			421-102-081AC 421-102-083AC
		421-102-082AC 421-102-083AC			421-102-086AC 421-102-087AC
		421-102-085AC 421-102-086AC			421-102-088AC 421-102-089AC
		421-102-087AC			421-102-091AC
421-102-003	5	Document Introduction for AT&T 421-102-001, -001AC, -002AC, and -080	421-102-005	2	Document Contents List for AT&T 421-102-080
■ 421-102-003AC	1	TWT Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.	■ 421-102-005AC	2	Document Contents List for AT&T 421-102-001AC
		421-102-003 421-102-009	Addendum	1	
		421-102-010 421-102-011	421-102-006	3	Document Contents List for AT&T 421-102-090
		421-102-015 421-102-016	■ 421-102-006AC	1	Document Contents List for AT&T 421-102-002AC
		421-102-017 421-102-018	Addendum	1	
		421-102-020 421-102-021	421-102-007	3	Document Contents List for AT&T 421-102-100
		421-102-022 421-102-023	Addendum	1	
		421-102-024 421-102-025	421-102-009	1	Terminal Station Operations
		421-102-026 421-102-027	421-102-010	1	Maintenance Introduction
		421-102-028 421-102-030	Addendum	1	
		421-102-031 421-102-032	421-102-011	3	Station Alarm Trouble Isolation
		421-102-033 421-102-042	421-102-012	3	Service Protection
		421-102-043 421-102-044	421-102-013	2	Solid State Amplifier —DC Power Diagnosis
		421-102-045 421-102-046	421-102-014	2	RF Power Alarm
		421-102-047 421-102-049	Addendum	1	
		421-102-060 421-102-061	421-102-015	2	Terminal Trouble Isolation
		421-102-062 421-102-080AC			
		421-102-081AC 421-102-083AC			
		421-102-084AC 421-102-086AC			
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		421-102-090AC			

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Addendum	1		Terminal Trouble Isolation		
421-102-016	3	DC Power Alarm	421-102-040	1	General
421-102-017	1	Service Protection	421-102-041	2	DC Power Alarm
Radio Receiver Trouble Isolation			Addendum	1	
421-102-020	4	DR 6/11-135A and 135EC — Radio Receiver Trouble Isolation	421-102-042	2	Fan Fail Alarm
421-102-021	4	RF Preamplifier Alarm	Addendum	1	
421-102-022	3	DC Power Alarm	421-102-043	3	Control System Alarm
421-102-023	4	Generator Oven Alarm	Addendum	1	
421-102-024	3	IF Amplifier Alarm	421-102-044	2	Digital Receiver Alarm
421-102-025	3	Adaptive Equalizer Alarm	Addendum	1	
421-102-026	3	Combiner Alarm (Space Diversity Only)	421-102-045	2	Digital Transmitter Alarm
421-102-027	3	0 Verification	Addendum	2	
421-102-028	6	DR 6/11-135EC Annual FCC Tests (9-94)	421-102-046	2	Excess Alarm
■ Supplement	1	Supplement to 421-102-029. HP11758T DRTS (Digital Radio Test System) Supplement Pack- age.	Addendum	1	
421-102-029	4	Operation and Maintenance, Ter- minal Station 1xN Frequency Diversity, DR6/11-135EC, Sta- tion Procedures	421-102-047	2	Signaling Fail Alarm
Radio Transmitter Trouble Isolation			Maintenance		
421-102-030	2	General	421-102-048	3	Repair Verification
421-102-031	3	DC Power Alarm	421-102-049	1	Transmitter Subroutines
421-102-032	3	Generator Oven Alarm	Special Sections		
421-102-033	3	RF Power Alarm	421-102-050	3	Repair Verification
■ Supplement	1	Supplement to 421-102-034. HP11758T DRTS Supplement Package.	421-102-051	4	DR6/11-135A Annual FCC Tests (9-94)
421-102-034	4	Operation and Maintenance, Ter- minal Station — 1xN Frequency Diversity, DR6/11-135ED, Termi- nal Procedures	421-102-052	1	Transmitter Subroutines — Maintenance
421-102-035	2	Radio Transmitter Trouble Isola- tion	Replacement Procedures		
421-102-038	2	Generator Oven Alarm — Maintenance	Addendum	1	
421-102-039	2	Repair Verification — Mainte- nance	421-102-060	3	Radio Receiver
			Addendum	1	
			421-102-061	3	Radio Transmitter
			421-102-062	2	Terminal
			421-102-063	1	Radio Transmitter
			Tests and Adjustments		
			421-102-070	4	Test Equipment and Accessories
			421-102-071	3	Station Procedures
			■ Supplement	1	Supplement to 421-102-072. HP11758T DRTS Supplement Package.
			421-102-072	4	Radio Receiver Procedures
			421-102-073	4	Radio Transmitter Procedures (6-92) Supplement to 421-102- 073. HP11758T DRTS Supple- ment Package.

■ 421-102-080AC	2	Test Equipment and Accessories
■ 421-102-081AC	1	ME645A MRTS (Microwave Radio Test Set)
■ 421-102-082AC	2	Station Procedures
■ 421-102-083AC	2	Radio Receiver Procedures
■ 421-102-084AC	2	Radio Transmitter Procedures
■ Addendum AC	1	
■ 421-102-085AC	2	Terminal Procedures
■ 421-102-086AC	1	Glossary
■ 421-102-087AC	1	Radio Transmitter Procedures
■ 421-102-088AC	2	Terminal Procedures
■ Addendum AC	1	
■ 421-102-089AC	1	Station Procedures
421-102-090	1	TWT Amplifier — 135EC
		NOTE: Provides binder, tabs, and the documents listed below.

■ 421-102-090AC	3	Document Contents List for AT&T 421-102-003AC
■ 421-102-091AC	2	Document Contents List for AT&T 421-102-004AC
421-102-100	1	Solid-State Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.

Number	Issue	Subject	Number	Issue	Subject
		421-102-025 421-102-026			421-102-047 421-102-052
		421-102-030 421-102-031			421-102-060 421-102-063
		421-102-032 421-102-033			421-102-080AC 421-102-081AC
		421-102-042 421-102-047			421-102-083AC 421-102-086AC
		421-102-049 421-102-060			421-102-087AC 421-103-004
		421-102-061 421-102-070			421-103-006AC 421-103-010
		421-102-072 421-102-073			421-103-011 421-103-012
		421-102-075 421-103-002			421-103-040 421-103-041
		421-103-003 421-103-004			421-103-043 421-103-044
		421-103-010 421-103-011			421-103-045 421-103-046
		421-103-012 421-103-040			421-103-051 421-103-052
		421-103-041 421-103-043			421-103-062 421-103-082AC
		421-103-044 421-103-045			421-103-085AC
		421-103-046 421-103-050			
		421-103-051 421-103-062			
		421-103-071 421-103-074			
■ 421-103-001AC	1	TWT Amplifier — 135A NOTE: Provides binder, tabs, and the documents listed below.	■ 421-103-003AC	1	TWT Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.
		421-102-018 421-102-020			421-102-003 421-102-018
		421-102-021 421-102-022			421-102-020 421-102-021
		421-102-023 421-102-024			421-102-022 421-102-023
		421-102-025 421-102-026			421-102-024 421-102-025
		421-102-030 421-102-031			421-102-026 421-102-030
		421-102-032 421-102-033			421-102-031 421-102-032
		421-102-042 421-102-047			421-102-033 421-102-042
		421-102-049 421-102-060			421-102-047 421-102-049
		421-102-061 421-102-080AC			421-102-060 421-102-061
		421-102-081AC 421-102-083AC			421-102-080AC 421-102-081AC
		421-102-084AC 421-102-086AC			421-102-083AC 421-102-084AC
		421-103-003 421-103-004			421-102-086AC 421-103-004
		421-103-005AC 421-103-010			421-103-007AC 421-103-010
		421-103-011 421-103-012			421-103-011 421-103-012
		421-103-040 421-103-041			421-103-040 421-103-041
		421-103-043 421-103-044			421-103-043 421-103-044
		421-103-045 421-103-046			421-103-045 421-103-046
		421-103-050 421-103-051			421-103-050 421-103-051
		421-103-062 421-103-082AC			421-103-062 421-103-087AC
		421-103-085AC			421-103-088AC
421-103-002	4	1XN — DR 6/11-135A — TWT Amplifier — Document Contents	421-103-004	1	System Operations
■ 421-103-002AC	1	Solid-State Amplifier — 135A NOTE: Provides binder, tabs, and the documents listed below.	■ 421-103-004AC	1	Solid-State Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.
		421-102-003 421-102-013			421-102-003 421-102-013
		421-102-014 421-102-018			421-102-014 421-102-018
		421-102-020 421-102-021			421-102-020 421-102-021
		421-102-022 421-102-023			421-102-022 421-102-023
		421-102-024 421-102-025			421-102-024 421-102-025
		421-102-026 421-102-035			421-102-026 421-102-035
		421-102-038 421-102-042			421-102-038 421-102-042
		421-102-047 421-102-052			421-102-047 421-102-052
		421-102-060 421-102-063			421-102-060 421-102-063
		421-102-080AC 421-102-081AC			421-102-080AC 421-102-081AC
		421-102-083AC 421-102-086AC			421-102-083AC 421-102-086AC

Number	Issue	Subject	Number	Issue	Subject
		421-102-087AC 421-103-004	421-103-044	2	Digital Receiver Alarm
		421-103-008AC 421-103-010	421-103-045	1	Digital Transmitter Alarm
		421-103-011 421-103-012	Addendum	2	
		421-103-040 421-103-041	421-103-046	2	Excess Alarm
		421-103-043 421-103-044			
		421-103-045 421-103-046	Special Sections		
		421-103-051 421-103-052	421-103-050	4	TWT Amplifier — Repair Verification
		421-103-062 421-103-087AC	421-103-051	6	DR6/11-135A and -135EC Annual FCC Tests (9-94)
		421-103-088AC	421-103-052	3	Solid-State Amplifier — Repair Verification
421-103-005	3	Document Contents List for AT&T 421-103-080			
■ 421-103-005AC	3	Document Contents List for AT&T 421-103-001AC	Replacement Procedures		
Addendum	1		421-103-062	1	Regenerator
421-103-006	3	Document Contents List for AT&T 421-103-090			
■ 421-103-006AC	3	Document Contents List for AT&T 421-103-002AC	Tests and Adjustments		
Addendum	1		421-103-071	3	Station Procedures
421-103-007	3	Document Contents List for AT&T 421-103-100	421-103-074	3	Regenerator Procedures
■ 421-103-007AC	3	Document Contents List for AT&T 421-103-003AC	■ Supplement	1	Supplement to 421-103-076. HP11758T DRTS Supplement Package.
421-103-008	2	Document Introduction for AT&T 421-103-003AC, -004AC, -090, and -100	421-103-076	4	Regenerator Station — Station Procedures
■ 421-103-008AC	3	Document Contents List for AT&T 421-103-004AC	421-103-080	1	Solid-State Amplifier — 135A NOTE: Provides binder, tabs, and the documents listed below.
Regenerator Station					
421-103-010	1	Maintenance Introduction			421-102-003 421-102-013
Addendum	1				421-102-014 421-102-018
421-103-011	3	Station Alarm Trouble Isolation			421-102-020 421-102-021
421-103-012	1	Service Protection			421-102-022 421-102-023
Addendum	1				421-102-024 421-102-025
■ Supplement	1	Supplement to 421-103-013. HP11758T DRTS Supplement Package.			421-102-026 421-102-035
421-103-013	4	Regenerator Procedures			421-102-038 421-102-042
Regenerator Trouble Isolation					421-102-047 421-102-052
Addendum	1				421-102-060 421-102-063
421-103-040	2	Regenerator Trouble Isolation			421-102-070 421-102-072
Addendum	1				421-102-075 421-102-076
421-103-041	3	DC Power Alarm			421-103-004 421-103-005
421-103-043	1	Control System Alarm	■ 421-103-082AC	2	Station Procedures
			■ 421-103-085AC	2	Regenerator Procedures

Number	Issue	Subject	Number	Issue	Subject
■ 421-103-087AC	1	Station Procedures	421-104 Hot Standby — Operation and Maintenance — Maintenance Support		
■ 421-103-088AC	1	Regenerator Procedures	421-104-001	1	Maintenance Support — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.
421-103-090	1	TWT Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.			
		421-102-018 421-102-020			421-101-020 421-101-024
		421-102-021 421-102-022			421-104-002 421-101-003
		421-102-023 421-102-024			421-104-004 421-104-006
		421-102-025 421-102-026			421-104-007 421-104-008
		421-102-030 421-102-031			421-104-009 421-104-010
		421-102-032 421-102-033			421-104-011 421-104-012
		421-102-042 421-102-047			421-104-013 421-104-014
		421-102-049 421-102-060			421-104-015 421-104-017
		421-102-061 421-102-070			421-104-018 421-104-021
		421-102-072 421-102-073			421-104-022 421-104-023
		421-102-075 421-103-004			421-104-025 421-104-026
		421-103-006 421-102-003			421-104-028
		421-103-010 421-103-011			
		421-103-012 421-103-013			
		421-103-040 421-103-041			
		421-103-043 421-103-044	421-104-002	3	Document Contents List for AT&T 421-104-001
		421-103-045 421-103-046	421-104-004	1	System Performance Diagnostics
		421-103-050 421-103-051	421-104-006	1	General Description
		421-103-062 421-103-076	Addendum	1	
421-103-100	1	Solid-State Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.	421-104-007	1	Terminal — Description — 135A
		421-102-013 421-102-014	Addendum	1	
		421-102-018 421-102-020	421-104-008	1	Regenerator — Description — 135A
		421-102-021 421-102-022	421-104-009	2	Radio — Description
		421-102-023 421-102-024	Addendum	1	
		421-102-025 421-102-026	421-104-010	2	Circuit Packs — Description — 135A
		421-102-035 421-102-038	421-104-011	1	General Equipment Identification
		421-102-042 421-102-047	Addendum	2	
		421-102-052 421-102-060	421-104-012	1	Terminal — Equipment Identification — 135A
		421-102-063 421-102-070	Addendum	2	
		421-102-072 421-102-075	421-104-013	1	Regenerator — Equipment Identification — 135A
		421-102-076 421-103-004	421-104-014	2	Radio — Equipment Identification
		421-103-007 421-102-003	421-104-015	2	Controls, Jacks, Indications, and Options — 135A
		421-103-010 421-103-011	Addendum	1	
		421-103-012 421-103-013	421-104-017	1	Special Replacement Procedures
		421-103-040 421-103-041	421-104-018	1	Route Diagrams
		421-103-043 421-103-044			
		421-103-045 421-103-046			
		421-103-051 421-103-052			
		421-103-062 421-103-076			

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		421-105 Hot Standby — Operation and Maintenance — Terminal Station		
421-104-021	3	Continuous Performance Monitoring	421-105-001	1	TWT Amplifier — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.
421-104-022	1	DS3 to DS3 Performance	421-105-002		421-102-003
421-104-023	1	Pseudo Error, CRC Error, and Frame Loss Event Monitoring	421-105-004		421-105-010
421-104-025	1	Radio Transmission Tests	421-105-011		421-105-012
421-104-026	2	Tests — DR/6	421-105-020		421-105-021
421-104-027	1	Tests — DR/11	421-105-022		421-105-023
421-104-028	1	DADE (Differential Absolute Delay Equalization)	421-105-024		421-105-025
421-104-040	3	Document Contents List for AT&T 421-104-060	421-105-030		421-105-031
Addendum	1		421-105-032		421-105-033
421-104-042	1	DR6/11-135EC — Hot Standby — Terminal Description — Maintenance Support	421-105-038		421-105-039
Addendum	1		421-105-040		421-105-041
421-104-043	1	DR6/11-135EC — Hot Standby — Regenerator Description — Maintenance Support	421-105-042		421-105-043
Addendum	1		421-105-044		421-105-045
421-104-044	2	DR6/11-135EC — Hot Standby (em Circuit Pack Descriptions — Maintenance Support	421-105-046		421-105-047
Addendum	2		421-105-050		421-105-051
421-104-045	1	Terminal — Equipment Identification — 135EC	421-105-060		421-105-061
Addendum	2		421-105-062		421-105-070
421-104-046	1	Regenerator — Equipment Identification — 135EC	421-105-071		421-105-072
421-104-047	2	Controls, Jacks, Indications, and Options — 135EC	421-105-073		421-105-074
421-104-060	1	Maintenance Support — DR6/11-135EC NOTE: Provides binder, tabs, and the documents listed below.	421-105-075		
		421-101-003 421-101-020	■ 421-105-001AC	1	TWT Amplifier — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.
		421-101-024 421-104-004			421-102-003 421-105-004
		421-104-006 421-104-009			421-105-005AC 421-105-010
		421-104-011 421-104-014			421-105-011 421-105-012
		421-104-017 421-104-018			421-105-020 421-105-021
		421-104-021 421-104-022			421-105-022 421-105-023
		421-104-023 421-104-025			421-105-024 421-105-025
		421-104-026 421-104-028			421-105-030 421-105-031
		421-104-040 421-104-042			421-105-032 421-105-033
		421-104-043 421-104-044			421-105-038 421-105-039
		421-104-045 421-104-046			421-105-040 421-105-041
		421-104-047			421-105-042 421-105-043
					421-105-044 421-105-045
					421-105-046 421-105-047
					421-105-050 421-105-051
					421-105-060 421-105-061
					421-105-062 421-105-080AC
					421-105-081AC 421-105-082AC
					421-105-083AC 421-105-084AC
					421-105-085AC 421-105-086AC
			421-105-002	2	Hot Standby DR 6/11-135A — TWT Amplifier Document Contents

Number	Issue	Subject	Number	Issue	Subject
■ 421-105-002AC	1	Solid-State Amplifier — DR6-135A NOTE: Provides binder, tabs, and the documents listed below.	■ 421-105-004AC	1	Solid-State Amplifier — DR6-135EC NOTE: Provides binder, tabs, and the documents listed below.
		421-102-003 421-105-004			421-102-003 421-105-008AC
		421-105-006AC 421-105-010			421-105-009 421-105-010
		421-105-011 421-105-012			421-105-011 421-105-012
		421-105-020 421-105-021			421-105-013 421-105-014
		421-105-022 421-105-023			421-105-019 421-105-020
		421-105-024 421-105-025			421-105-021 421-105-022
		421-105-028 421-105-029			421-105-023 421-105-024
		421-105-034 421-105-036			421-105-025 421-105-028
		421-105-037 421-105-038			421-105-029 421-105-035
		421-105-040 421-105-041			421-105-036 421-105-037
		421-105-042 421-105-043			421-105-038 421-105-042
		421-105-044 421-105-045			421-105-043 421-105-044
		421-105-046 421-105-047			421-105-045 421-105-046
		421-105-049 421-105-051			421-105-047 421-105-049
		421-105-060 421-105-062			421-105-060 421-105-062
		421-105-063 421-105-080AC			421-105-063 421-105-080AC
		421-105-081AC 421-105-082AC			421-105-081AC 421-105-083AC
		421-105-083AC 421-105-085AC			421-105-086AC 421-105-087AC
		421-105-086AC 421-105-088AC			421-105-088AC 421-105-089AC
■ 421-105-003AC	1	TWT Amplifier — DR6/11-135EC NOTE: Provides binder, tabs, and the documents listed below.	421-105-005	2	Document Contents List for AT&T 421-105-090
		421-102-003 421-105-007AC	■ 421-105-005AC	2	Document Contents List for AT&T 421-105-001AC
		421-105-009 421-105-010	421-105-006	2	Document Contents List for AT&T 421-105-080
		421-105-011 421-105-012	■ 421-105-006AC	1	Document Contents List for AT&T 421-105-002AC
		421-105-013 421-105-014	421-105-007	2	Document Contents List for AT&T 421- 105-100
		421-105-018 421-105-019	■ 421-105-007AC	2	Document Contents List for AT&T 421-105-003AC
		421-105-020 421-105-021	■ 421-105-008AC	2	Document Contents List for AT&T 421-105-004AC
		421-105-022 421-105-023	421-105-009	2	System Operations — 135EC
		421-105-024 421-105-025			
		421-105-030 421-105-031			
		421-105-032 421-105-033			
		421-105-038 421-105-039			
		421-105-042 421-105-043			
		421-105-044 421-105-045			
		421-105-046 421-105-047			
		421-105-060 421-105-061			
		421-105-062 421-105-080AC			
		421-105-081AC 421-105-083AC			
		421-105-084AC 421-105-086AC			
		421-105-087AC 421-105-089AC			
421-105-004	2	System Operations — 135A Hot Standby			

Maintenance

421-105-010	1	Introduction
421-105-011	2	Station Alarm Trouble Isolation
421-105-012	1	Service Protection
421-105-013	1	Terminal Trouble Isolation — 135EC
421-105-014	1	DC Power Alarm — 135EC
421-105-018	2	Repair Verification — 135EC — TWT Amplifier

Number	Issue	Subject
421-105-019	2	Annual FCC Tests — 135EC (9-94)
421-105-020	1	Radio Receiver Trouble Isolation
421-105-021	1	RF Preamp Alarm
421-105-022	2	DC Power Diagnosis
421-105-023	2	Generator Oven Alarm
421-105-024	2	IF Amplifier Alarm
421-105-025	2	Adaptive Equalizer Alarm
421-105-026	1	Station Procedures — 135EC
421-105-027	1	Terminal Procedures — 135EC
Addendum	1	
421-105-028	1	Radio Transmitter Trouble Isolation — Solid-State Amplifier
421-105-029	1	Generator Oven Alarm — Solid-State Amplifier
421-105-030	1	Radio Transmitter Trouble Isolation — TWT Amplifier
421-105-031	2	DC Power Diagnosis — TWT Amplifier
421-105-032	1	Generator Oven Alarm — TWT Amplifier
421-105-033	2	RF Power Alarm — TWT Amplifier
421-105-034	2	Repair Verification — 135A — Solid-State Amplifier
421-105-035	2	Repair Verification — 135EC — Solid-State Amplifier
421-105-036	2	DC Power Diagnosis — Solid-State Amplifier
421-105-037	1	RF Power Alarm — Solid-State Amplifier
421-105-038	2	Receiver Subroutines
421-105-039	2	Transmitter Subroutines — TWT Amplifier
421-105-040	1	Terminal Trouble Isolation — 135A
421-105-041	1	DC Power Alarm — 135AC
421-105-042	2	Fan Fail Alarm
421-105-043	1	Control System Alarm
421-105-044	1	Digital Receiver Alarm
421-105-045	1	Digital Transmitter Alarm
421-105-046	2	Excess Alarm
421-105-047	1	Signaling Fail Alarm
421-105-049	2	Transmitter Subroutines — Solid-State Amplifier
421-105-050	2	Repair Verification — 135A — TWT Amplifier

Number	Issue	Subject
421-105-051	2	Annual FCC Tests — 135A (9-94)

Replacement Procedures

421-105-060	1	Radio Receiver
421-105-061	2	Radio Transmitter — TWT Amplifier
421-105-062	1	Terminal
421-105-063	2	Radio Transmitter — Solid-State Amplifier

Tests and Adjustments

421-105-070	1	Test Equipment and Accessories
421-105-071	1	Station Procedures — 135A
421-105-072	2	Radio Receiver Procedures
Addendum	1	
421-105-073	2	Radio Transmitter Procedures — TWT Amplifier
421-105-074	1	Terminal Procedures — 135A
Addendum	1	
421-105-075	1	Glossary
421-105-076	2	Radio Transmitter Procedures — Solid-State Amplifier
421-105-080	1	Solid-State Amplifier — DR6-135A
		NOTE: Provides binder, tabs, and the documents listed below.

421-102-003	421-105-004
421-105-006	421-105-010
421-105-011	421-105-012
421-105-020	421-105-021
421-105-022	421-105-023
421-105-024	421-105-025
421-105-028	421-105-029
421-105-034	421-105-036
421-105-037	421-105-038
421-105-040	421-105-041
421-105-042	421-105-043
421-105-044	421-105-045
421-105-046	421-105-047
421-105-049	421-105-051
421-105-060	421-105-062
421-105-063	421-105-070
421-105-071	421-105-072
421-105-074	421-105-075
421-105-076	

■ 421-105-080AC	1	Test Equipment and Accessories
■ 421-105-081AC	1	ME645A MRTS (Microwave Radio Test Set)

Number	Issue	Subject	Number	Issue	Subject
■ 421-105-082AC	1	Station Procedures — 135A		421-105-047	421-105-049
■ 421-105-083AC	2	Radio Receiver Procedures		421-105-060	421-105-062
■ Addendum AC	1			421-105-063	421-105-070
■ 421-105-084AC	2	Radio Transmitter Procedures — TWT Amplifier		421-105-072	421-105-075
■ 421-105-085AC	1	Terminal Procedures — 135A		421-105-076	
■ 421-105-086AC	1	Glossary	421-106 Hot Standby — Operation and Maintenance — Regenerator Station		
■ 421-105-087AC	1	Station Procedures — 135EC	421-106-001	1	TWT Amplifier — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.
■ 421-105-088AC	2	Radio Transmitter Procedures — Solid- State Amplifier		421-105-020	421-105-021
■ 421-105-089AC	1	Terminal Procedures — 135EC		421-105-022	421-105-023
421-105-090	1	TWT Amplifier — DR6/11-135EC NOTE: Provides binder, tabs, and the documents listed below.		421-105-024	421-105-025
		421-105-005 421-102-003		421-105-030	421-105-031
		421-105-009 421-105-010		421-105-032	421-105-033
		421-105-011 421-105-012		421-105-038	421-105-039
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		421-105-024 421-105-025		421-106-002	421-102-003
		421-105-026 421-105-027		421-106-004	421-106-010
		421-105-030 421-105-031		421-106-011	421-106-012
		421-105-032 421-105-033		421-106-040	421-106-041
		421-105-038 421-105-039		421-106-043	421-106-044
		421-105-042 421-105-043		421-106-045	421-106-046
		421-105-044 421-105-045		421-106-050	421-106-051
		421-105-046 421-105-047		421-106-062	421-106-071
		421-105-060 421-105-061		421-106-074	
		421-105-062 421-105-070	■ 421-106-001AC	1	TWT Amplifier — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.
		421-105-072 421-105-073		421-105-020	421-105-021
		421-105-075		421-105-022	421-105-023
421-105-100	1	Solid-State Amplifier — DR6- 135EC NOTE: Provides binder, tabs, and the documents listed below.		421-105-024	421-105-025
		421-105-007 421-102-003		421-105-030	421-105-031
		421-105-009 421-105-010		421-105-032	421-105-033
		421-105-011 421-105-012		421-105-038	421-105-039
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		421-105-019 421-105-020		421-105-060	421-105-061
		421-105-021 421-105-022		421-105-080AC	421-105-081AC
		421-105-023 421-105-024		421-105-083AC	421-105-084AC
		421-105-025 421-105-026		421-105-086AC	421-102-003
		421-105-027 421-105-028		421-106-004	421-106-005AC
		421-105-029 421-105-035		421-106-010	421-106-011
		421-105-036 421-105-037		421-106-012	421-106-040
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421-106-002	2	Document Contents List for AT&T 421-106-001	■ 421-106-004AC	1	Solid-State Amplifier — DR6-135EC NOTE: Provides binder, tabs, and the documents listed below.
■ 421-106-002AC	1	Solid-State Amplifier — DR6-135A NOTE: Provides binder, tabs, and the documents listed below.			421-102-003 421-105-022 421-105-023 421-105-024 421-105-025 421-105-028 421-105-029 421-105-036 421-105-037 421-105-038 421-105-042 421-105-047 421-105-049 421-105-060 421-105-063 421-105-080AC 421-105-081AC 421-105-083AC 421-105-086AC 421-105-088AC 421-105-004 421-106-008AC 421-106-010 421-106-011 421-106-012 421-106-040 421-106-041 421-106-043 421-106-044 421-106-045 421-106-046 421-106-051 421-106-052 421-106-062 421-106-086AC 421-106-087AC
		421-105-020 421-105-021 421-105-022 421-105-023 421-105-024 421-105-025 421-105-028 421-105-029 421-105-036 421-105-037 421-105-038 421-105-042 421-105-047 421-105-049 421-105-060 421-105-063 421-105-080AC 421-105-081AC 421-105-083AC 421-105-086AC 421-105-088AC 421-102-003 421-106-004 421-106-006AC 421-106-010 421-106-011 421-106-012 421-106-040 421-106-041 421-106-043 421-106-044 421-106-045 421-106-046 421-106-051 421-106-052 421-106-062 421-106-082AC 421-106-085AC	421-106-005	2	Document Contents List for AT&T 421-106-020
			■ 421-106-005AC	2	Document Contents List for AT&T 421-106-001AC
■ 421-106-003AC	1	TWT Amplifier — DR6/11-135EC NOTE: Provides binder, tabs, and the documents listed below.	421-106-006	2	Document Contents List for AT&T 421-106-030
		421-102-003 421-105-020 421-105-021 421-105-022 421-105-023 421-105-024 421-105-035 421-105-030 421-105-031 421-105-032 421-105-033 421-105-038 421-105-039 421-105-042 421-105-047 421-105-060 421-105-061 421-105-080AC 421-105-081AC 421-105-083AC 421-105-084AC 421-106-086AC 421-106-004 421-106-007AC 421-106-010 421-106-011 421-106-012 421-106-040 421-106-041 421-106-043 421-106-044 421-106-045 421-106-046 421-106-050 421-106-051 421-106-062 421-106-086AC 421-106-087AC	■ 421-106-006AC	2	Document Contents List for AT&T 421-106-002AC
			421-106-007	2	Document Contents List for AT&T 421-106-060
			■ 421-106-007AC	2	Document Contents List for AT&T 421-106-003AC
			■ 421-106-008AC	2	Document Contents List for AT&T 421-106-004AC
			Maintenance		
			421-106-010	1	Introduction
			Addendum	1	
			421-106-011	2	Station Alarm Trouble Isolation
			421-106-012	1	Service Protection
			421-106-020	1	Solid-State Amplifier — DR6-135A NOTE: Provides binder, tabs, and the documents listed below.
					421-105-020 421-105-021 421-105-022 421-105-023

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		421-109-005AC 421-109-006AC	■ 421-109-007AC	1	Nominal Radio Power Levels
		421-109-007AC 421-109-008AC	421-109-007	1	Nominal Radio Power Levels
		421-109-009AC 421-109-010AC			
		421-109-011AC 421-109-012AC			
		421-109-013AC 421-109-014AC	Hop Tests		
		421-109-015AC 421-109-016AC	■ 421-109-008AC	2	Hop Tests
		421-109-017AC 421-109-018AC	421-109-008	1	Hop Tests
		421-109-019AC 421-109-020AC	■ 421-109-009AC	1	RSL and Down-Converter Output Check
		421-109-022AC 421-109-026AC	421-109-009	1	RSL and Down Converter Output
		421-109-027AC 421-109-028AC	■ 421-109-010AC	1	Adaptive Slope Equalizer — Manual and Automatic Mode Adjustment
		421-109-029AC 421-109-030AC	421-109-010	1	ASE Man/Auto Adjustments
		421-109-031AC 421-109-032AC	■ Addendum AC	1	
		421-109-033AC 421-109-034AC	■ 421-109-011AC	1	DR6/11-135 Radio Transmitter Alignment Procedure
		421-109-035AC 421-109-036AC	421-109-011	1	Radio Transmitter Alignment
		421-109-037AC 421-109-038AC	■ 421-109-012AC	1	Radio Transmission Tests
421-109-000	1	Turnup Procedures — DR-6/11-135A NOTE: Provides binder, tabs, and the documents listed below.	421-109-012	1	Radio Transmission Tests
		421-109-001 421-109-002	■ 421-109-013AC	1	Differential Absolute Delay Equalization
		421-109-003 421-109-004	421-109-013	1	DADE Tests
		421-109-005 421-109-006	■ 421-109-014AC	1	Receiver IF Adjustments
		421-109-007 421-109-008	421-109-014	1	RCVR IF Adjustments
		421-109-009 421-109-010	■ 421-109-015AC	1	Digital Transmission Test
		421-109-011 421-109-012	421-109-015	1	Digital Transmission Tests
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		421-109-022 421-109-026	■ 421-109-017AC	1	Over-the-Air S/I Stress Check
		421-109-027 421-109-028	421-109-017	1	Over The Air S/I Stress Check
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		421-109-031 421-109-032	421-109-018	1	Over The Air Propagation Performance
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		421-109-035 421-109-038	421-109-019	1	Combiner Performance
■ 421-109-001AC	3	Document Contents	■ 421-109-020AC	1	Fade Margin and Interference Tests
421-109-001	1	Document Contents	421-109-020	1	Fade Margin And Interference
■ 421-109-002AC	2	Document Introduction			
421-109-002	1	Document Introduction	Alarm Tests		
■ 421-109-003AC	1	Initial Bay Checks	■ 421-109-022AC	1	Order-Wire Tests
421-109-003	1	Initial Bay Checks	421-109-022	1	Order Wire Tests
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■ 421-109-004AC	2	Terminal Bay Initial Checks			
421-109-004	1	Terminal Bay Initial Checks			
■ 421-109-005AC	2	Regenerator Bay Initial Checks			
421-109-005	1	Regenerator Bay Initial Checks			
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Switch Section Tests			■ Supplement	1	Supplement to 421-109-054. HP11758T DRTS Supplement Package.
■ 421-109-026AC	1	Switch Section Tests	421-109-054	1	Digital Regenerator
421-109-026	1	Switch Section Tests	■ Supplement	1	Supplement to 421-109-055. HP11758T DRTS Supplement Package.
■ 421-109-027AC	1	DS3-to-DS3 Performance Tests	421-109-055	1	Radio Transmitter/Receiver
421-109-027	1	DS3-DS3 Performance	■ Supplement	1	Supplement to 421-109-056. HP11758T DRTS Supplement Package.
421-109-028	1	Error Correction Test	■ 421-109-056	1	Hop Alignment Tests
■ 421-109-028AC	2	Error Correction Test (11-93)	■ Supplement	1	Supplement to 421-109-057. HP11758T DRTS Supplement Package.
421-109-029	1	Terminal Switching Tests	421-109-057	1	Hop Performance Tests
■ 421-109-029AC	1	Terminal Switching Tests	421-109-058	1	Alarm Verification Tests
421-109-030	1	Regenerator Switching Tests	421-109-059	1	Switch Section Performance Tests
■ 421-109-030AC	1	Regenerator Switching Tests	421-109-060	1	Channel Growth
Special Sections			421-2 DR6/11-90A, DR6/11-135, and FR6 Microwave Radio Systems		
421-109-031	1	Test Equipment	Digital Radio		
■ 421-109-031AC	1	Test Equipment and Accessories	421-200-130	3	90A Line Terminating Bay and Digital Regenerator Bay — Equipment Description — DR6-30-90/DR11-40-90 Digital System
421-109-032	2	Glossary (3-89)	421-200-131	3	90A Line Terminating Bay and Digital Regenerator Bay — Functional Description — DR6-30-90/DR11-40-90 Digital System
■ 421-109-032AC	1	Glossary for AT&T 421-109-000AC	421-200-132	3	DR6-30-90/DR11-40-90 Digital System — Preparation for Service
421-109-033	1	Growth	421-200-133	3	DR6-30 Radio — Description — DR6-30/DR11-40 Digital System
■ 421-109-033AC	1	Growth	421-200-134	3	DR11-40 Radio Bay — Description — DR6-30/DR11-40 Digital System
421-109-034	1	Telemetry Tests	421-200-135	3	DR6-30/DR11-40 Digital System — System Description and Operation
■ 421-109-034AC	1	Telemetry Tests	421-200-136	2	DR6-30-90/DR11-40-90 Digital System — Hot Standby — System Trouble Clearing
421-109-035	1	TBOS Verification			
■ 421-109-035AC	1	TBOS Verification			
■ 421-109-036AC	1	PC Based Telemetry Acceptance Tests			
■ 421-109-037AC	1	SCOTS/FMAS Acceptance Tests			
421-109-038	1	ITU/Annual Log			
■ 421-109-038AC	1	ITU/Annual Log			
421-109-050	1	1 X N Frequency Diversity — Turnup Procedures — 135EC NOTE: Provides binder, tabs, and the documents listed below.			
		421-102-070 421-109-032			
		421-109-051 421-109-052			
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421-109-051	1	Introduction			
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■ Supplement	1	Supplement to 421-109-053. HP11758T DRTS Supplement Package.			
421-109-053	1	Digital Terminal			

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421-200-137	3	DR6-30/DR11-40 Digital System — Hot Standby — Bay Test and Trouble Clearing
421-200-138	2	DR6-30-90/DR11-40-90 Digital System — Frequency Diversity — System Trouble Clearing
421-200-139	3	DR6-30-90/DR11-40-90 Digital System — Frequency Diversity — Bay Test and Trouble Clearing
421-200-140	3	90A Line Terminating Bay and Digital Regenerator Bay — Application Engineering — DR6-30-135/DR11-40-135 Digital System
421-200-141	3	DR6-30/DR11-40 Digital System — System Application Engineering
421-200-142	2	DR6-30 Radio — Bay Application Engineering
421-200-143	2	DR11-40 Radio — Bay Application Engineering
421-200-144	1	J98745B Transversal Equalizer Bay — Description — DR6-30/DR11-40 Digital System
421-200-145	1	DR6-30/DR11-40 Digital System — Hot Standby — Bay Tests and Trouble-Clearing Procedures Using the J68428A Test Set and HP-435B or HP-436A Power Meter
421-200-146	1	DR6-30/DR11-40 Digital System — Frequency Diversity — Bay Tests and Trouble Clearing Using the J68428A Test Set and HP-435B or HP-436A Power Meter
421-200-150	1	Serial-to-Parallel Alarm Converter — Description, Operations, and Maintenance
421-200-160	1	DR6-30-90A1 Digital Radio Bay — Description and Application Engineering NOTE: Provides binder, tabs, and the documents listed below.
		421-200-161 421-200-162 421-200-163
421-200-161	1	DR6-30-90A1 Digital Radio Bay — Equipment Description
421-200-162	1	DR6-30-90A1 Digital Radio Bay — Application

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421-200-163	1	DR6-30-90A1 Digital Radio Bay — Bay Test and Trouble Clearing
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421-200-190	4	FR6-30 Radio Bay — Equipment Description
421-200-191	4	FR6-30 Radio Bay — Functional Description
421-200-192	3	FR6-30 Radio Bay — Operations
421-200-193	3	FR6-30 Radio Bay — Tests and Measurements
421-200-194	3	FR6-30 Radio Bay — Trouble Clearing
421-200-195	2	FR6-30 FM Radio System — Description, Operation, Test and Measurement Trouble Clearing
421-200-200	3	FR6-30 Radio — Bay Application Engineering
421-200-201	3	FR6-30 Radio — System Application Engineering

421-3 International Digital Radio Systems

421-300 DR6/DR11 Digital Radio

421-300-102	4	Maintenance Support
421-300-103	4	Operation and Maintenance — Terminal Station
421-300-104	4	Operation and Maintenance — Regeneration
421-300-105	2	Alarm Center Operation
421-300-110	4	Installation and Test Manual — DR6
421-300-111	2	Installation and Test Manual — DR11

421-4 NDR (Network Distribution Radio)

421-400 General

421-400-030	1	Sales Kit
■ 421-400-040	1	Sales Slide Presentation
■ 421-400-040A1	1	Sales Slide Presentation (International)
421-400-050	1	Planning Guide

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421-401-020	1	LC Series Domestic Product Description
421-401-020AI	1	LS Series International Product Description
421-402 M Series Digital Microwave Radio		
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421-402-020AI	1	Product Description (International)
421-402-030	1	Fiber Optic Terminal Product Description NDR (Network Distribution Radio)
421-402-100	1	Installation, Operation, and Maintenance
421-404 W Series Digital Microwave Radio		
421-404-020	1	Product Description
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-500 TD and AR6A Microwave Radio

-501 TD-45A Digital Radio

-502 TD-90 Digital Radio — Operation and Maintenance

-503 Protection Switching System Interface

-504 DR 4-20-90G Digital Radio

422-6 Pulse Monitors

-600 Violation Pulse Monitors

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422-1 TSS-R (Transmission Surveillance Systems—Radio)

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422-100-101	1	Operation Procedures
■ 422-100-101AC	1	Operation Procedures
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422-100-105	1	Distribution Bay — Operation and Maintenance Radio
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422-2 Switched Section System Tests

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■ Addendum	2	
422-210-500	3	TD and TH Switch-Section Tests — SCIENTIFIC-ATLANTA* Radio Performance Analyzer
422-211-500	1	Short-Haul Radio — Out-of-Service Systems Tests — Scientific-Atlanta Radio Performance Analyzers

422-3 Microwave Radio Overall System Tests

Addendum	1	
422-300-500	4	Envelope Delay Distortion — Overall TD System Test
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422-300-512	2	Overall TD and TH System — Fade Margin Tests

422-4 Transmitter-Receiver Bay

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■ 422-400-500AC	1	TD-2 and TD-3 Tests — AN-RITSU† ME645A Microwave Radio Test Set
422-400-504	2	TD and TH-3 — Receiver Tests and Adjustments — J68330Y IF Amplitude Equalizer-Amplifier
■ 422-400-510AC	1	Equipment Manual for MDP-45MB-15B — 8 PH PSK Modulator Demodulator

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† ANRITSU is a registered trademark of Anritsu Dabushiki Kaisha

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422-400-600	1	TH-1 Tests — Anritsu ME645A Microwave Radio Test Set	■ 422-502-120AC	3	System Description
422-400-650	1	TH-3 Tests — Anritsu ME645A Microwave Radio Test Set	■ Addendum AC	1	
422-400-700	1	Narrowband Microwave Radio Auxiliary Channel — KS-20098/KTR-4A — Anritsu ME645A Microwave Radio Test Set (MRTS) — Maintenance	■ 422-502-130AC	2	Maintenance Philosophy and Provisions
422-5 DR and TD Microwave Radio Systems			■ 422-502-140AC	2	Route Qualification Process
422-500 TD and AR6A Microwave Radio			■ Addendum AC	2	
422-501 TD-45A Digital Radio			■ 422-502-150AC	2	Route Engineering Guidelines
422-501-100	3	Overall System Description	■ 422-502-160AC	2	System Application Information
422-501-101	1	Maintenance Plan	■ 422-502-170AC	2	DR4 — Equipment Ordering Information
422-501-102	2	Switch Section Test — Preservice Implementation	■ 422-502-180AC	2	Recommended Test Equipment and Spare Equipment Information
422-501-103	1	Application Engineering	■ 422-502-190AC	2	Document References
422-501-104	3	Line Terminating System — Description, Operation, and Maintenance	FMAC (Facility Maintenance and Administration Center)		
422-501-105	1	100A-45A Interface Circuits — Application	■ 422-502-200AC	1	Preservice Implementation NOTE: Provides binder, tabs, and the documents listed:
422-501-106	1	400-45A Interface Circuits — Application			422-502-210AC 422-502-220AC 422-502-230AC 422-502-240AC 422-502-250AC 422-502-260AC 422-502-270AC 422-502-280AC 422-502-290AC
422-501-107	1	Trouble Clearing	■ Addendum AC	1	
422-501-109	1	System Tests — ME645A Microwave Radio Test Set	■ 422-502-210AC	2	Document Introduction
422-501-110	1	45A Line Terminating System — Performance Requirements	■ Addendum AC	1	
422-502 TD-90 Digital Radio — Planning, Engineering, Operation, and Maintenance			■ 422-502-220AC	2	90C Terminal Digital Preservice Checks
Planning and Engineering — Operation			■ 422-502-230AC	2	90C Regenerator Digital Preservice Checks
■ 422-502-100AC	1	Planning and Engineering NOTE: Provides binder, tabs, and documents listed:	■ 422-502-240AC	3	Radio Bay Preservice Checks
		422-502-105AC 422-502-110AC 422-502-120AC 422-502-130AC 422-502-140AC 422-502-150AC 422-502-160AC 422-502-170AC 422-502-180AC 422-502-190AC	■ 422-502-250AC	2	Radio Channel Preservice Checks
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■ 422-502-110AC	2	Digital Radio Fundamentals	■ 422-502-270AC	2	Terminal and Regenerator Preservice Operation Checks
			■ 422-502-280AC	2	Digital Monitoring Receiver Bay Preservice Checks
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■ 422-502-300AC	1	Terminal Station NOTE: Provides binder, tabs, and the documents listed: 422-502-302AC 422-502-303AC 422-502-304AC 422-502-310AC 422-502-311AC 422-502-312AC 422-502-315AC	■ 422-502-360AC	1	Radio — Replacement Pro- cedures
■ 422-502-302AC	2	Document Contents List	■ Addendum AC	1	
■ 422-502-303AC	3	Document Introduction	■ 422-502-361AC	1	Terminal — Replacement Pro- cedures
■ 422-502-304AC	2	System Operations	■ 422-502-370AC	2	Test Equipment and Accessories
■ 422-502-310AC	2	Maintenance	■ 422-502-371AC	1	ME645A Performance Tests
■ 422-502-311AC	2	Station Alarm Trouble Isolation	■ 422-502-372AC	3	Station Test and Adjustment Pro- cedures
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■ 422-502-315AC	1	Radio Trouble Isolation	■ 422-502-373AC	3	Radio Test and Adjustment Pro- cedures
■ 422-502-316AC	1	Transmitter Power Control — Low Transmitter Power Alarm	■ Addendum AC	2	
■ 422-502-317AC	1	Transmitter Power Control — Discriminator Failed Alarm	■ 422-502-374AC	2	Test and Adjustment Procedures
■ 422-502-318AC	1	Transmitter Power Control — De- viator Failed Alarm	■ Addendum AC	1	
■ 422-502-319AC	1	Transmitter Generator Lock Alarm — Microwave Generator	■ 422-502-380AC	1	Glossary
■ 422-502-320AC	1	Transmitter Generator Loss of Lock Alarm — Microwave Gen- erator	Repeater Station/DMR (Digital Monitoring Receiver)		
■ 422-502-321AC	1	RF Preamplifier Alarm	■ 422-502-400AC	1	Repeater Station/DMR NOTE: Provides binder, tabs, and the documents listed: 422-502-402AC 422-502-404AC 422-502-404AC 422-502-410AC 422-502-411AC 422-502-412AC 422-502-415AC 422-502-416AC 422-502-417AC 422-502-418AC 422-502-419AC 422-502-420AC 422-502-421AC 422-502-422AC 422-502-423AC 422-502-440AC 422-502-441AC 422-502-442AC 422-502-443AC 422-502-450AC 422-502-451AC 422-502-460AC 422-502-461AC 422-502-470AC 422-502-471AC 422-502-472AC 422-502-473AC 422-502-474AC 422-502-480AC
■ 422-502-322AC	1	Space Diversity Alarm	■ 422-502-402AC	2	Document Contents List
■ 422-502-323AC	1	Sloper Disabled Alarm	■ 422-502-403AC	3	Document Introduction
■ 422-502-324AC	2	Interference Canceler #1/#2 Failed Alarm	■ 422-502-404AC	1	System Operations
■ 422-502-325AC	1	Receiving Generator Lock Alarm	■ 422-502-410AC	2	Maintenance
■ 422-502-326AC	1	Receiving Generator Loss of Lock Alarm	■ 422-502-411AC	2	Station Alarm Trouble Isolation
■ 422-502-340AC	1	Line Terminal Trouble Isolation	■ 422-502-412AC	1	Service Protection
■ 422-502-341AC	2	DC Power Alarm	■ 422-502-415AC	1	Radio Trouble Isolation
■ 422-502-342AC	1	Fan Failure Alarm	■ 422-502-416AC	1	Transmitter Power Control — Low Power Alarm
■ 422-502-343AC	2	Control System Alarm	■ 422-502-417AC	1	Transmitter Power Control — Discriminator Failed Alarm
■ 422-502-344AC	2	Digital Receiver Alarm			
■ 422-502-345AC	1	Digital Transmitter Alarm			
■ 422-502-346AC	1	Excess Alarm			
■ 422-502-347AC	1	Signal Failure Alarm			
■ 422-502-350AC	2	Repair Verification			
■ 422-502-351AC	3	TD-90 Radio Operation and Maintenance Terminal Station Annual FCC Tests (9-94)			

Number	Issue	Subject	Number	Issue	Subject
■ 422-502-418AC	1	Transmitter Power Control — Deviator Failed Alarm		422-502-523AC	422-502-524AC
■ 422-502-419AC	1	Transmitter Generator Lock Alarm — Microwave Generator		422-502-540AC	422-502-541AC
■ 422-502-420AC	1	Transmitter Generator Loss of Lock Alarm — Microwave Generator		422-502-542AC	422-502-543AC
■ 422-502-421AC	1	RF Preamplifier Alarm		422-502-544AC	422-502-545AC
■ 422-502-422AC	1	Space Diversity Alarm		422-502-546AC	422-502-547AC
■ 422-502-423AC	1	Sloper Disabled Alarm		422-502-550AC	422-502-551AC
■ 422-502-440AC	1	DMR (Digital Monitoring Receiver) — Trouble Isolation	■ 422-502-502AC	2	Document Contents List
■ 422-502-441AC	1	DC Power Alarm	■ 422-502-502AC	2	Document Contents List
■ 422-502-442AC	1	DMR (Digital Monitoring Receiver) — Failure Alarm	■ 422-502-503AC	3	Document Introduction
■ 422-502-443AC	1	Control System Alarm	■ 422-502-504AC	1	System Operations
■ 422-502-450AC	2	Repair Verification	■ 422-502-510AC	2	Maintenance
■ 422-502-451AC	3	TD-90 Radio Operation and Maintenance Repeater Station/DMR Annual FCC Tests (9-94)	■ 422-502-511AC	2	Station Alarm Trouble Isolation
■ 422-502-460AC	1	Radio — Replacement Procedures	■ 422-502-512AC	1	Service Protection
■ 422-502-461AC	1	DMR (Digital Monitoring Receiver) — Replacement Procedures	■ 422-502-515AC	1	Radio Trouble Isolation
■ 422-502-470AC	2	Test Equipment and Accessories	■ 422-502-516AC	1	Transmitter Power Control — Low Power Alarm
■ 422-502-471AC	1	ME645A Performance Tests	■ 422-502-517AC	1	Transmitter Power Control — Discriminator Failed Alarm
■ 422-502-472AC	3	Station Test and Adjustment Procedures	■ 422-502-518AC	1	Transmitter Power Control — Deviator Failed Alarm
■ 422-502-473AC	3	Radio Test and Adjustment Procedures	■ 422-502-519AC	1	Transmitter Generator Lock Alarm — Microwave Generator
■ Addendum AC	1		■ 422-502-520AC	1	Transmitter Generator Loss of Lock Alarm — Microwave Generator
■ 422-502-474AC	1	DMR (Digital Monitoring Receiver) — Test and Adjustment Procedures	■ 422-502-521AC	1	RF Preamplifier Alarm
■ Addendum AC	1		■ 422-502-522AC	1	Space Diversity Alarm
■ 422-502-480AC	1	Glossary	■ 422-502-523AC	1	Sloper Disabled Alarm
			■ 422-502-524AC	1	IF Switch Disabled Alarm
			■ 422-502-540AC	1	Regenerator Trouble Isolation
			■ 422-502-541AC	1	DC Power Alarm
			■ 422-502-542AC	1	Fan Failure Alarm
			■ 422-502-543AC	1	Control System Alarm
			■ 422-502-544AC	2	Digital Receiver Alarm
			■ 422-502-545AC	1	Digital Transmitter Alarm
			■ 422-502-546AC	1	Excess Alarm
			■ 422-502-547AC	1	Signal Failure Alarm
			■ 422-502-550AC	2	Repair Verification
			■ 422-502-551AC	3	TD-90 Radio Operation and Maintenance Regenerator Station Annual FCC Tests (9-94)
			■ 422-502-560AC	1	Radio — Replacement Procedures
Regenerator Station					
■ 422-502-500AC	1	Regenerator Station NOTE: Provides binder, tabs, and the documents listed:			
		422-502-502AC 422-502-503AC			
		422-502-504AC 422-502-510AC			
		422-502-511AC 422-502-512AC			
		422-502-515AC 422-502-516AC			
		422-502-517AC 422-502-518AC			
		422-502-519AC 422-502-520AC			
		422-502-521AC 422-502-522AC			

Number	Issue	Subject
■ 422-502-561AC	1	Regenerator — Replacement Procedures
■ 422-502-570AC	2	Test Equipment and Accessories
■ 422-502-571AC	1	ME645A Performance Tests
■ 422-502-572AC	3	Station Test and Adjustment Procedures
■ 422-502-573AC	3	Radio Test and Adjustment Procedures
■ Addendum AC	2	
■ 422-502-574AC	2	Regenerator Test and Adjustment Procedures
■ Addendum AC	1	
■ 422-502-580AC	1	Glossary

Maintenance Support

■ 422-502-600AC	1	Maintenance Support NOTE: Provides binder, tabs, and the documents listed:
		422-502-602AC 422-502-603AC
		422-502-610AC 422-502-615AC
		422-502-616AC 422-502-617AC
		422-502-618AC 422-502-619AC
		422-502-620AC 422-502-621AC
		422-502-622AC 422-502-623AC
		422-502-624AC 422-502-625AC
		422-502-630AC 422-502-631AC
		422-502-632AC 422-502-633AC
		422-502-634AC 422-502-635AC
		422-502-640AC 422-502-641AC
		422-502-642AC 422-502-643AC
		422-502-644AC 422-502-650AC
		422-502-660AC 422-502-670AC
		422-502-680AC
■ 422-502-602AC	2	Document Contents List
■ 422-502-603AC	2	Document Introduction
■ 422-502-610AC	2	System Performance Diagnostics
■ 422-502-615AC	3	General Tests
■ 422-502-616AC	1	Radio Transmission Tests (Amplitude and Delay)
■ 422-502-617AC	1	Radio Channel 70-MHz Frequency Check
■ 422-502-618AC	2	Three-Tone Linearity Check
■ 422-502-619AC	1	Fade Margin Check
■ 422-502-620AC	1	C/I Interference Check
■ 422-502-621AC	1	Phase-Plane Display Diagnosis
■ 422-502-622AC	1	Transmitter Power Control — Operation Checks

Number	Issue	Subject
■ 422-502-623AC	2	Continuous Performance Monitoring
■ 422-502-624AC	1	DS-3 to DS-3 Performance Check
■ 422-502-625AC	1	Receiver Error Correction Check
■ 422-502-626AC	1	Pseudo Error, CRC Error, and Frame Loss Event Monitoring
■ 422-502-630AC	2	General Description
■ 422-502-631AC	2	Terminal Description
■ 422-502-632AC	1	Regenerator Description
■ 422-502-633AC	1	Repeater/DMR (Digital Monitoring Receiver) Description
■ 422-502-634AC	1	Radio Description
■ Addendum AC	2	
■ 422-502-635AC	2	Circuit Packs Description
■ 422-502-640AC	2	General Equipment Identification
■ Addendum AC	2	
■ 422-502-641AC	2	Terminal Equipment Identification
■ Addendum AC	2	
■ 422-502-642AC	1	Regenerator Equipment Identification
■ 422-502-643AC	1	Repeater/DMR (Digital Monitoring Receiver) Equipment Identification
■ 422-502-644AC	1	Radio Bay Equipment Identification
■ Addendum AC	2	
■ 422-502-650AC	2	Controls, Jacks, Indications, and Options
■ 422-502-660AC	1	Special Replacement Procedures
■ 422-502-670AC	1	Route Diagrams
■ Addendum AC	1	
■ 422-502-680AC	1	Glossary

FMAC (Facility Maintenance and Administration Center) — Operation

■ 422-502-700AC	1	Service Monitoring NOTE: Provides binder, tabs, and the documents listed:
		422-502-702AC 422-502-703AC
		422-502-705AC 422-502-713AC
		422-502-720AC 422-502-721AC
		422-502-722AC 422-502-730AC
		422-502-740AC 422-502-750AC
		422-502-760AC 422-502-761AC
		422-502-762AC 422-502-763AC
		422-502-770AC 422-502-771AC
		422-502-780AC

Number	Issue	Subject	Number	Issue	Subject
■ 422-502-702AC	2	Document Contents List	■ 422-502-803AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Docu- ment Introduction
■ 422-502-703AC	2	Document Introduction	■ Addendum AC	1	
■ 422-502-705AC	2	Maintenance Plan	■ 422-502-805AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Equip- ment Verification
■ 422-502-710AC	2	Route Diagrams	■ 422-502-810AC	1	Operation and Maintenance DR4-20-90 Radio Transmitter/Receiver — Mainte- nance
■ 422-502-720AC	2	SCOTS (Surveillance and Con- trol of Transmission Systems) — Alarm Analysis	■ 422-502-815AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Radio Transmitter — Trouble Clearing
■ 422-502-721AC	2	FMAS (Facility Maintenance and Administration System) — Per- formance Analysis	■ 422-502-816AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Radio Transmitter — Tests and Adjust- ments
■ 422-502-722AC	2	Nonalarm Trouble Analysis	■ 422-502-817AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Radio Transmitter — Replacement Pro- cedures
■ 422-502-730AC	2	Repair Verification and System Restoral	■ Addendum AC	1	
■ Addendum AC	1		■ 422-502-820AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver Radio Re- ceiver — Trouble Clearing
■ 422-502-740AC	2	FMAS Reports	■ 422-502-821AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Radio Receiver — Test Adjustments
■ Addendum AC	1		■ Addendum AC	1	
■ 422-502-750AC	2	Scan Point Explanations	■ 422-502-822AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver Radio Re- ceiver — Replacement Pro- cedures
■ Addendum AC	1		■ 422-502-830AC	2	DR4/TD-90 Digital Radio System — DR-20-90 Radio Transmitter/Receiver — Radio Repair Verification
■ 422-502-760AC	1	Terminal Station — Control Point Explanations	■ Addendum AC	1	
■ 422-502-761AC	2	Regenerator Station — Control Point Explanations	■ 422-502-835AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Test Equipment and Accessories
■ 422-502-762AC	2	Repeater/DMR (Digital Monitor- ing Receiver) Station — Control Point Explanations			
■ 422-502-763AC	2	Radio Bay Stations — Control Point Explanations			
■ 422-502-770AC	2	Remote System Operations			
■ 422-502-771AC	2	SCOTS, Alarm/Control — Test Procedures			
■ 422-502-780AC	1	Glossary			
Operation and Maintenance — DR4-20-90/TD90					
■ 422-502-800AC	1	DR4-20-90 Radio Transmitter/Receiver NOTE: Provides binder, tabs, and the documents: 422-502-802AC 422-502-803AC 422-502-805AC 422-502-810AC 422-502-815AC 422-502-816AC 422-502-817AC 422-502-820AC 422-502-821AC 422-502-822AC 422-502-830AC 422-502-835AC 422-502-840AC 422-502-841AC 422-502-842AC			
■ 422-502-802AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Docu- ment Contents			

Number	Issue	Subject	Number	Issue	Subject
■ Addendum AC	1				422-504-101AC 422-504-120AC
■ 422-502-840AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Hop Test			422-504-140AC 422-504-140AC
■ 422-502-841AC	1	DR4/TD-90 Digital Radio System — DR4-20-90 Radio Transmitter/Receiver — Radio Description	422-504-101	1	Introduction \m System Descrip- tion and Application
■ Addendum AC	1		422-504-101AC	1	Introduction \m System Descrip- tion and Application
■ 422-502-842AC	1	Operation and Maintenance DR4-20-90 Radio Transmitter/Receiver — Circuit Descriptions	■ 422-504-110	1	Digital Radio Fundamentals
			422-504-120	1	System Features and Specifica- tions
			■ 422-504-120AC	1	System Features and Specifica- tions
			422-504-130	1	System Description
			■ 422-504-130AC	1	System Description
			422-504-140	1	Maintenance Philosophy and Provisions
			■ 422-504-140AC	1	Maintenance Philosophy and Provisions
			422-504-150	1	System Operation
			■ 422-504-150AC	1	System Operation
			422-504-160	1	Route Engineering
			■ 422-504-160AC	1	Route Qualification and En- gineering
			422-504-170	1	System Application
			■ 422-504-170AC	1	System Application
			422-504-180	1	Recommended Test Equipment and Sparing
			■ 422-504-180AC	1	Recommended Test Equipment and Sparing
			■ Addendum	1	DRTS Supplement
			■ 422-504-200	1	Turnup Procedures and Preser- vice Tests (9-92) NOTE: Provides binder, tabs, and the documents:
					422-504-211 422-504-212
					422-504-213 422-504-215
					422-504-220 422-504-230
					422-504-240 422-504-250
					422-504-260
			■ Addendum	1	DRTS supplement
			■ 422-504-200AC	1	Turnup Procedures and Preser- vice Tests NOTE: Provides binder, tabs, and the documents:
					422-504-211AC 422-504-212AC
					422-504-213AC 422-504-215AC
422-504 DR4-20-90 and DR4-20-90G Digital Radio Sys- tem					
422-504-000	1	Installation Procedures NOTE: Provides binder, tabs, and the documents listed:			
		422-504-001 422-504-010			
		422-504-020 422-504-030			
		422-504-040 422-504-050			
		422-504-050			
422-504-001	1	Introduction			
422-504-010	1	General Installation Information			
422-504-020	1	Site Preparation			
422-504-030	1	Common Power Connections			
422-504-040	1	Terminal Station — Wiring and Cable			
422-504-050	1	Regeneration Station — Wiring and Cable			
422-504-060	1	Telemetry and Service Channel Wiring			
422-504-100	1	System Description and Applica- tion Engineering NOTE: Provides binder, tabs, and the documents:			
		422-504-101 422-504-110			
		422-504-120 422-504-130			
		422-504-140 422-504-150			
		422-504-160 422-504-170			
		422-504-180			
■ 422-504-100AC	1	System Description and Applica- tion Engineering NOTE: Provides binder, tabs, and the documents:			

Number	Issue	Subject	Number	Issue	Subject
		422-504-220AC 422-504-230AC 422-504-240AC 422-504-250AC 422-504-260AC 422-504-270AC	■ 422-504-240AC	1	Alarm Verification Tests
■ 422-504-201AC	1	Introduction	Revision 1	1/94	
Revision 1	1/94		Addendum	1	
Addendum	1		422-504-250	1	Turnup Procedures and Preser- vice Tests —
422-504-211	1	Turnup Procedures and Preser- vice Tests — Radio			Switch Section Performance
		Transmitter/Receiver (9-92)	■ 422-504-250AC	1	Tests (9-92)
■ Revision 1AC	1/94		Revision 1	7/94	Switch Section Performance
■ Addendum AC	1		422-504-255	1	Tests
■ 422-504-211AC	1	Initial Tests — Radio			Turnup Procedures and Preser- vice Tests —
		Transmitter/Receiver			For Systems Requiring FMAD
422-504-212	2	Turnup Procedures and Preser- vice Tests — Digital Terminal	■ 422-504-255AC	1	(11-93)
		(11-93)	Revision 1	1/94	FMAS Acceptance Tests
■ 422-504-212AC	1	Initial Radio Transmitter/Receiver	Addendum	1	
422-504-213	2	Turnup Procedures and Preser- vice Tests — Digital Regenerator	422-504-260	1	Turnup Procedures and Preser- vice Tests — Channel Growth
■ 422-504-213AC	1	Digital Regenerator Bay Initial			(9-92)
		Checks	■ 422-504-260AC	1	Channel Growth
Revision 1	1/94		■ 422-504-270AC	1	FMAS Applications
Addendum	1		■ 422-504-299AC	1	Supp Page Turnup Procedures
422-504-215	1	Turnup Procedures and Preser- vice Tests — Radio	■ Addendum	1	DRTS Supplement
		Transmitter/Receiver (9-92)	422-504-300	1	Operation and Maintenance —
■ 422-504-215AC	1	Final Tests — Radio			Terminal Station Manual (9-92)
		Transmitter/Receiver			NOTE: Provides binder, tabs, and the documents listed:
Revision 1	1/94				422-504-301 422-504-305
Addendum	1				422-504-310 422-504-315
422-504-220	1	Turnup Procedures and Preser- vice Tests — Hop Alignment			422-504-320 422-504-330
		Tests (9-92)			422-504-331 422-504-332
■ 422-504-220AC	1	Hop Alignment Tests			422-504-333 422-504-334
Revision 1	1/94				422-504-335 422-504-336
Addendum	1				422-504-337 422-504-338
422-504-230	1	Turnup Procedures and Preser- vice Tests — Hop Performance			422-504-339 422-504-339
		Tests (9-92)			422-504-340 422-504-350
■ 422-504-230AC	1	Hop Performance Tests			422-504-360 422-504-370
Revision 1	1/94		■ Addendum AC	1	DRTS supplement
Addendum	1		■ 422-504-300AC	1	Operation and Maintenance —
422-504-240	1	Turnup Procedures and Preser- vice Tests — Alarm Verification			Terminal Station Manual
		Tests (9-92)			NOTE: Provides binder, tabs, and the documents listed:
					422-504-300AC 422-504-301AC
					422-504-305AC 422-504-310
					422-504-315AC 422-504-320AC
					422-504-330AC 422-504-332AC
					422-504-333 422-504-334AC
					422-504-335AC 422-504-336

Number	Issue	Subject	Number	Issue	Subject
		422-504-337AC 422-504-338AC 422-504-339AC 422-504-340AC 422-504-359AC 422-504-364AC 422-504-370AC	422-504-337	1	Radio Transmitter Trouble Clearing
422-504-301	1	Radio Transmitter Trouble Clearing	■ 422-504-337AC	1	Radio Transmitter — Trouble Clearing
■ 422-504-301AC	1	Introduction	Revision 1	1/94	
422-504-305	2	DR4-20-90G Digital Radio System Operation and Maintenance Terminal Station Annual FCC Tests (9-94)	Addendum	1	
■ 422-504-305AC	2	DR4-20-90G Digital Radio System Operation and Maintenance Terminal Station Annual FCC Tests (9-94)	422-504-338	1	Operation and Maintenance — Radio Transmitter Test Procedures (9-92)
Revision 1	1/94		■ 422-504-338AC	1	Radio Transmitter — Test Procedures
422-504-310	1	Operation	422-504-339	1	Radio Transmitter Replacement Procedures
Revision 1	1/94		■ 422-504-339AC	1	Radio Transmitter — Replacement Procedures
422-504-315	1	Equipment Identification	Revision 1	1/94	
■ 422-504-315AC	1	Equipment Identification	Addendum	1	
422-504-320	1	Maintenance	422-504-340	1	Operation and Maintenance — Hop Performance Tests (9-92)
■ 422-504-320AC	1	Maintenance	■ 422-504-340AC	1	HOP Performance Test
422-504-330	1	Station Trouble Diagnosis	422-504-350	1	Repair Verification
■ 422-504-330AC	1	Station Trouble Diagnosis	■ 422-504-350AC	1	Repair Verification
422-504-331	1	Terminal Trouble Clearing	422-504-360	1	Test Equipment and Accessories
■ 422-504-331AC	1	Terminal Trouble Clearing	■ 422-504-360AC	1	Test Equipment and Accessories
Revision 1	1/94		■ Appendix 1	1	ME645A MRTS (Microwave Radio Test Set)
Addendum	1		422-504-370	1	Test Equipment and Accessories
422-504-332	1	Operation and Maintenance Terminal Station — Terminal Test Procedures (9-92)	■ 422-504-370AC	1	System Glossary
■ 422-504-332AC	1	Terminal Test Procedures	■ Addendum	1	DRTS Supplement
422-504-333	1	Terminal Replacement Procedures	422-504-400	1	Operation and Maintenance, Regenerator Station (9-92) NOTE: Provides binder, tabs, and the documents listed:
422-504-334	1	Radio Receiver Trouble Clearing			422-504-401 422-504-405 422-504-410 422-504-415 422-504-420 422-504-430 422-504-431 422-504-432 422-504-433 422-504-450
■ 422-504-334AC	1	Radio Receiver — Trouble Clearing	■ Addendum AC	1	DRTS supplement
Revision 1	1/94		■ 422-504-400AC	1	Operation and Maintenance — Regenerator Station NOTE: Provides binder, tabs, and the documents listed:
Addendum	1				422-504-401AC 422-504-405AC 422-504-410 422-504-415AC 422-504-420AC 422-504-430AC 422-504-431AC 422-504-432 422-504-433 422-504-450AC
422-504-335	1	Operation and Maintenance — Radio Receiver Test Procedures /504-338 (9-92)			
Revision 1AC	1/94				
■ Addendum	1				
■ 422-504-335AC	1	Radio Receiver — Test Procedures			
422-504-336	1	Radio Receiver Replacement Procedures			

Number	Issue	Subject	Number	Issue	Subject
422-504-401	1	Introduction	■ Addendum AC	1	DRTS supplement
■ 422-504-401AC	1	Introduction	■ 422-504-500AC	1	Engineering Reference Manual (4 Vols) NOTE: Provides binder, tabs, and the documents listed:
422-504-405	2	DR4-20-90G Digital Radio System Operation and Maintenance Regenerator Station Annual FCC Tests (9-94)			422-504-501AC 422-504-505AC 422-504-510AC 422-504-515 422-504-520AC 422-504-525AC 422-504-530AC 422-504-560AC 422-504-565AC
■ 422-504-405AC	2	DR4-20-90G Digital Radio System Operation and Maintenance Regenerator Station Annual FCC Tests (9-94)			
422-504-410	1	Operation	422-504-501	1	Introduction
422-544-415	1	Equipment Identification	■ 422-504-501AC	1	Introduction
■ 422-504-415AC	1	Equipment Identification	■ 422-504-505AC	1	System Performance Diagnostics
422-504-420	1	Maintenance	422-504-505	1	System Performance Diagnostics
■ 422-504-420AC	1	Regenerator Station Maintenance	422-504-510	1	Continuous Performance Monitoring
422-504-430	1	Station Trouble Diagnosis	■ 422-504-510AC	1	Continuous Performance Monitoring
■ 422-504-430AC	1	Station Trouble Diagnosis	422-504-515	1	DS3-to-DS3 Performance
422-504-431	1	Regenerator Trouble Clearing	Revision 1	1/94	
■ 422-504-431AC	1	Trouble Clearing	422-504-520	1	Fade Margin and Interference
Revision 1	1/94		■ 422-504-520AC	1	Fade Margin and Interface
422-504-432	1	Operation and Maintenance, Regenerator Station —) Regenerator Test Procedures (9-92)	422-504-525	1	Radio Transmission Test
■ 422-504-432AC	1	Regenerator Test Procedures	■ 422-504-525AC	1	Radio Transmission Test
422-504-433	1	Regenerator Replacement Procedures	422-504-530	1	Differential Absolute Delay Equalization
422-504-450	1	Repair Verification	■ 422-504-530AC	1	Differential Absolute Delay Equalization
■ 422-504-450AC	1	Repair Verification	422-504-535	1	Remote Telemetry Assignments
■ Addendum	1	DRTS Supplement	422-504-560	1	90C Line Terminal Drawings (Vol. 3)
422-504-500	1	Engineering Reference Manual (4 volumes) (9-92) NOTE: Provides binders, tabs, and the documents listed:	■ 422-504-560AC	1	90C Line Terminal Drawings
		422-504-501 422-504-505	422-504-565	1	90C Digital Regenerator Drawings (Vol. 3)
		422-504-510 422-504-515	■ 422-504-565AC	1	90C Digital Regenerator Drawings
		422-504-520 422-504-525	Addendum	1	DRTS supplement
		422-504-530 422-504-535	■ 422-504-600	1	FMAC Operator's Guide NOTE: Provides binder, tabs, and the documents listed:
		422-504-560 422-504-565			422-504-601 422-504-610 422-504-620 422-504-621 422-504-630 422-504-640 422-504-650 422-504-660 422-504-665

Number	Issue	Subject	Number	Issue	Subject
■ 422-504-600AC	1	FMAC Operator's Guide NOTE: Provides binder, tabs, and the documents listed: 422-504-601AC 422-504-605AC 422-504-610AC 422-504-620AC 422-504-621AC 422-504-622AC 422-504-630AC 422-504-635AC 422-504-640AC 422-504-650AC 422-504-660AC 422-504-665AC	422-504-701	1	Introduction
			Revision 1	1/94	
			Addendum	1	
			422-504-710	1	Transmitter Power Control Retro- fit — Installation (9-92)
			422-504-720	1	Testing
			Revision 1	1/94	
			Addendum	1	
			422-504-730	1	Transmitter Power Control Retro- fit — Initial Radio Transmitter/Receiver Tests (9- 92)
422-504-601	1	Introduction	Revision 1	1/94	
■ 422-504-601AC	1	Introduction	Addendum	1	
■ 422-504-605AC	1	Maintenance Plan	422-504-740	1	Transmitter Power Control Retro- fit — Final Radio Transmitter/Receiver Tests (9- 92)
422-504-610	1	Route Diagrams			
■ 422-504-610AC	1	Route Diagrams	422-504-750	1	Alarm Verification Tests
422-504-620	1	SCOTS (Surveillance and Control of Transmission Systems) Alarm Analysis	■ Addendum	1	DRTS Supplement
■ 422-504-620AC	1	SCOTS (Surveillance and Control of Transmission Systems) Alarm Analysis	422-504-800	1	Radio Transmitter/Receiver With TPC (9-92) NOTE: Provides binder, tabs, and the documents listed: 422-504-801 422-504-815 422-504-820 422-504-834 422-504-835 422-504-837 422-504-838 422-504-839 422-504-840 422-504-850
422-504-621	1	Performance Analysis			
■ 422-504-621AC	1	Performance Analysis	422-504-801	1	Introduction
■ 422-504-622AC	1	Nonalarm Trouble Analysis	422-504-815	1	Equipment Identification
422-504-630	1	Repair Verification and System Restoral	422-504-820	1	Maintenance
■ 422-504-630AC	1	Repair Verification and System Restoral	422-504-834	1	Radio Receiver Trouble Clearing
■ 422-504-635AC	1	Alarm Center Reports	Revision 1	1/94	
422-504-640	1	Scan Point Explanation	Addendum	1	
■ 422-504-640AC	1	Scan Point Explanation	422-504-835	1	Operation and Maintenance— Radio Transmitter/Receiver With TPC — Radio Receiver Test Pro- cedures (9-92)
422-504-650	1	Control Point Explanations	422-504-837	1	Radio Transmitter Trouble Clear- ing
■ 422-504-650AC	1	Control Point Explanations	Revision 1	1/94	
422-504-660	1	Control Point Explanations	Addendum	1	
■ 422-504-660AC	1	Remote System Operations	422-504-838	1	Radio Transmitter Test Pro- cedures
422-504-665	1	SCOTS Alarm/Control Test Pro- cedures	422-504-839	1	Radio Transmitter Replacement Procedures
■ 422-504-665AC	1	SCOTS Alarm/Control Test Pro- cedures			
■ Addendum	1	DRTS Supplement			
422-504-700	1	Transmitter Power Control Retro- fit (9-92) NOTE: Provides binder, tabs, and the documents listed: 422-504-701 422-504-710 422-504-720 422-504-730 422-504-740 422-504-750			

Number	Issue	Subject
422-504-840	1	Hop Performance Tests
422-504-850	1	Repair Verification

422-6 Pulse Monitors**422-600 Violation Pulse Monitor**

■ Addendum AC	1	
422-600-100AC	1	User's Manual

Division 460**General InformationCustomer Equipment****460-0 Indexes****460-1 Service Protection****460-2 Ringing and Battery Feeders****460-3 General Precautions — Station Tools, Materials, and Procedures**

Number	Issue	Subject
460-0 Indexes		
460-000-000	68	Numerical Index — Division 460 — General Information — Customer Equipment
460-000-006	6	Alphabetic-Numeric Index — Station, Key, PBX, and Private Service Systems
460-001-010	12	Station and PBX Schematic Drawings (SDs) and Associated Circuit Descriptions (CDs) Available in Handbook Size
460-1 Service Protection		
460-110-100	6	Special Safeguard Measures (SSM) and Special Service Protection (SSP)
460-110-101	6	Special Service Lines — Protection and Termination of Data, Telegraph, and Radio Program Loops
460-110-130	1	Marking Physical Location of Station Equipment and Cable
460-110-400	1	Special Safeguard Measures — Radio and Telegraph Loops

Number Issue Subject**460-2 Ringing and Battery Feeders**

460-260-210	1	Ringing Feeders — Installation, Connection and Distribution — Customer Equipment
460-260-545	4	Battery Feeders — Resistance Measurements — Customer Equipment

460-3 General Precautions — Station Tools, Materials, and Procedures

460-300-102	1	Subscriber Line Verification Using Automatic Number Announcement Circuit
460-300-108	3	Reference — Ladders — Safety Precautions, Description, Transporting, and Use
Addendum	2	
460-300-110	1	Climbing Precautions
460-300-111	1	Joint Use Poles Clearance and Separations
460-300-115	1	Minimum Approach Distances to Exposed Energized Power Conductors
Addendum	1	
460-300-121	1	Drop From Open and Rural Lines
460-300-123	2	Drop and Block Wire — Attaching and Fastening
460-300-127	1	Pole-to-Pole and Pole-to-Building Runs
460-300-129	1	Drop and Block Wire — Discontinuance of Service
460-300-131	1	Multiple Drop Wire Placement
460-300-134	3	Dedicated Plant — Wiring Access Points
460-300-140	1	Wire Terminals — Multiple Line Wires
460-300-143	3	Buried Plant — Buried Wire Terminations
460-300-149	3	Separation and Mechanical Protection for Wire and Cable

Division 461**Wiring and Cabling Customer Equipment****461-0 Index****461-1 Customer Premises Wire and Cable Systems****461-2 Inside Wire and Inside Wire Cable****461-3 Conduits, Raceways, and Overfloor Ducts****461-4 Customer Participation Products****461-6 Connecting and Matrix Blocks, Terminals, Jacks, and Plugs**

Number	Issue	Subject
461-0 Index		
461-000-000	44	Numerical Index — Division 461 — Wiring and Cabling — Customer Equipment (5-95)

461-1 Customer Premises Wire and Cable Systems**461-110 SYSTIMAX® PDS Application Guides**

461-110-001	1	IBM* Token Ring Application Guide
461-110-002	1	Pilkington Flexilink 6000 Application Guide
461-110-003	1	Farallon PhoneNET† Application Guide
461-110-004	1	FDDI Design Guidelines
461-110-005	7	EIA-232-D Application Guide
461-110-006	1	FDDI Application Guide
461-110-007	8	SYSTIMAX PDS Performance Specifications (7-95)
461-110-008	1	SYSTIMAX PDS UNYSIS Air/Land System Application Guide

Number	Issue	Subject
461-110-009	1	SYSTIMAX PDS Application Guide Set (Set Includes: Binder, Inserts and 10 Application Manuals — No Binders)
461-110-010	5	SYSTIMAX PDS Application Guide Tabs and Binder Inserts (No Binder)
461-110-011	4	WANG* Application Guide (6-95)
461-110-012	1	VingCard† Hotel Security System Application Guide (11-92)
461-110-013	1	Honeywell DeltaNet Systems Design Guide
461-110-014	1	SYSTIMAX PDS UNISYS Advanced Tele-Cluster System Application Guide
461-110-015	1	IBM ESCON Application Guide
461-110-016	4	SYSTIMAX IBM 3270 Application Guide
461-110-017	1	Fujitsu M System Application Guide
461-110-018	1	RAYLAN Fiber Optic Token Ring Series Application Guide
461-110-019	1	SynOptics LattisNet Active Token Ring Application Guide
461-110-020	1	IBM Token Ring 8230 Application Guide Supplement
461-110-021	2	Baseband Video Application Guide (3-95)
461-110-022	1	Token Ring System Guide
461-110-023	1	ILC (International Computer Ltd.) DRS-CONNECT Systems Application Guide
461-110-024	1	10BASE-T Application Guide
461-110-025	1	ICL (International Computers Ltd.) DRS-CONNECT System Application Guide
461-110-026	1	Honeywell European Systems Design Guideline (3-94)
461-110-027	1	SYSTIMAX RAD Token Ring Products Application Guide
461-110-028	4	IBM Systems 36/38 & AS/400 Application Guide (6-95)
461-110-029	1	SYSTIMAX SCS TP-PMD Application Guide (6-95)

* IBM is a registered trademark of International Business Machines Corporation

† PhoneNET is a registered trademark of Farallon Computing, Inc.

* WANG is a registered trademark of WANG Laboratories, Inc.

† VingCard is a registered trademark of Trivolving A.S.

Number	Issue	Subject
461-110-030	1	SYSTIMAX Structured Cabling Systems (SCS) Active Token Ring Application Guide (6-95)
461-110-031	1	SYSTIMAX Intelligent Building Systems (IBS) Johnson Controls METASYS Design Guidelines (6-95)
461-110-032	1	SYSTIMAX Intelligent Building Systems (IBS) Staefa Controls Design Guidelines (6-95)

461-115 SYSTIMAX® PDS General Documents

461-115-002	4	Wire Installation Manual (5-95)
461-115-004	4	Fiber Installation Manual (5-95)
461-115-005	--	Document Set (includes an Application Guide set, Product Manual set, and one each of every core document except Design Guide, formerly 555-400-011)
461-115-006	3	SYSTIMAX SCS Administration Manual (3-95) Note: Replaces 555-401-100
461-115-008	3	SYSTIMAX SCS Requirements Survey (6-95) Note: Replaces 555-400-601
Ø461-115-500	1	SYSTIMAX Structured Cabling System (SCS) Products Guide CD-ROM

461-120 SYSTIMAX® PDS Product Manuals

461-120-005	7	Z3A Asynchronous Data Unit Product Manual
461-120-007	8	353 Adapters Product Manual
461-120-008	3	SYSTIMAX PDS Token Ring Adapters Product Manual
461-120-009	--	SYSTIMAX PDS Product Manual Set
461-120-010	5	SYSTIMAX PDS Product Manual Tabs, Cover, and Spine Inserts
461-120-011	7	361A Adapter Product Manual
461-120-012	--	SYSTIMAX PDS Approved Product List 361A Adapter Product Manual
461-120-013	2	SYSTIMAX PDS 353M16 Installation Instructions
461-120-014	8	SYSTIMAX PDS 365A Installation Instructions

Number	Issue	Subject
461-120-015	3	SYSTIMAX PDS 365B Installation Instructions
461-120-016	2	SYSTIMAX PDS D182643 Parts Kit Installation Instructions
461-120-017	1	SYSTIMAX PDS 380B Installation Instructions
461-120-018	1	SYSTIMAX PDS 384A Installation Instructions
461-120-019	1	PATCHMAX Installation Instructions (6-95)

461-2 Inside Wire and Inside Wire Cable

461-200-100	9	Inside Wire and Cable — Selection
461-200-101	7	Connector Cables — Identification
461-200-102	8	Adapters For Use With Connector Cables — Identification and Application
461-200-103	4	Adapters and Covers — Identification and Installation
461-200-200	9	Station Wire and Cable — Installation and Route Selection
461-200-202	2	Concealing Wire and Cable Without Conduits or Raceways
461-200-203	11	Handling Station Wire and Cable
461-200-204	1	Disposition of Disconnected Wire and Cable
461-200-205	5	Splicing Station Wire and Inside Wiring Cable
Addendum	1	
461-200-206	3	B Station Wire and Associated Apparatus — Identification and Installation — Station Wiring
461-200-207	2	25-Pair Undercarpet Cable Installation Inside Wire Cable Customer Equipment
461-200-208	1	4-Pair Undercarpet Telephone Cable — Installation Methods Inside Wire Cable
461-200-210	12	Station Wire and Cable Attaching and Fastening — Description
461-200-211	1	B Plenum Cable — Description and Installation
461-210-200	5	Wiring Desks and Tables
461-220-100	3	Mobile or Manufactured Home Wiring — Permanent Type

Number	Issue	Subject	Number	Issue	Subject
461-220-101	3	Recreational Vehicle Wiring — Nonpermanent-Type (Trailers, Campers, Truck Campers, Motor Homes and Boats)	461-400-141	1	725FS and 830A4 Connecting Blocks and 65B Faceplate — Identification, Installation, and Maintenance — Prewire Arrangements
461-3 Conduits, Raceways, and Overfloor Ducts			461-400-150	2	625TD Connecting Block — Identification and Installation Standard Network Interface — New Service Arrangements
461-300-100	1	Conduits, Raceways, and Overfloor Ducts — General	461-400-151	2	742-Type Connecting Blocks — Identification — Bridging Arrangements
461-300-101	2	Conduit, Underfloor Duct, and Fittings — Identification, Placing Wire and Cable	461-400-152	1	725FSA Connection Block — Identification — New Service Arrangement — Postwire Flush — Customer Participation
461-300-102	1	Raceways — Identification and Installation	461-400-153	1	630B Connecting Block Identification, Installation, and Maintenance
461-310-101	1	Prewiring — High Rise Apartment Buildings — Identification	461-400-154	1	725S Connecting Block Identification New Service Arrangements — Postwire Flush Customer Participation Products
461-310-102	1	Prewiring — Single Family, Condominium, Town House, Other Residential Dwellings, and Simple 1 and 2 Line Business Systems — Identification and Installation	461-400-155	2	725A-Type Connecting Block Identification
461-310-201	1	Prewiring — High Rise Apartment Buildings — Installation	461-400-156	1	953A-S Tool — Identification
461-310-401	1	Prewiring — High Rise Apartment Buildings — Connecting Services	461-400-157	1	Telephone Station Wire — Identification
461-350-100	5	Overfloor Ducts and Associated Fittings — Identification and Installation	461-400-158	1	700A-S Modular Plug — Identification
461-400-100	1	Customer Participation Products — Identification and General Information	461-6 Connecting and Matrix Blocks, Terminals, Jacks, and Plugs		
461-4 Customer Participation Products			461-600-100	3	Connecting Blocks — Selection
461-400-110	1	224A and 225A Adapters Identification — Adapter Arrangements	461-600-103	1	Connecting Blocks-Modular — Selection
461-400-120	2	Modular Conversion Arrangements — Identification and Installation — Customer Participation Products	461-601-100	1	Connecting Blocks — 30- and 31-Type — Identification, Installation, and Wiring
461-400-130	1	Extension Cords and Phonemount — Identification — Extension of Service Arrangements	461-602-100	4	Connecting Blocks — 42-Type, 44A, and 47-Type — Identification, Installation, and Wiring
461-400-140	1	800A Station Wire Box — Prewire Arrangements — Identification, Installation, and Maintenance	Addendum	1	
			461-603-100	3	Connecting Blocks — 57, 59, and 60 Types — Identification, Installation, and Wiring
			Addendum	1	
			461-604-100	7	66-Type Connecting Blocks — Tools, Terminating, Adapters, Maintenance

Number	Issue	Subject
461-604-101	5	Connecting Blocks, 66-Type — Numbering and Wiring Plan
461-604-102	7	Connecting Blocks — 66A, B, C, and M- Type — Identification
461-604-103	4	Connecting Blocks — 66E3-25, 66E4-25, 66E8-25 and 66E9-25 — Identification and Installation
461-604-104	4	Connecting Blocks — 86A and 96A, 102A, 103A, and 104A — Identification and Ordering
461-604-105	4	Connecting Blocks 66M3-50R (MD) and 66M4-50R (MD) — Identification, Installation, and Maintenance
461-604-106	2	700-Series — Interface Facilities — Identification, Installation, and Maintenance
461-606-100	4	Connecting Blocks — 71-, 74-, and 75- Type — Identification, Installation, and Wiring
461-608-100	3	Connecting Blocks and Wiring Blocks — 88-Type
461-610-100	8	625-, 630-, 635-, 725-, 742-, and 830-Type Connecting Blocks — Identification, Installation, and Connections
461-618-201	2	Connecting Blocks and Terminals — Cross Connecting and Wiring
461-619-101	4	Terminals — Outdoor Wiring
461-620-100	3	Matrix Block — 1A1 — Identification, Installation, Wiring, and Maintenance
Addendum	1	
461-630-100	12	Station Equipment — Jacks, Plugs, and Adapters — Identification, Installation, and Service
461-630-110	2	Mounting Bracket, Multiple Use KS-20502
461-630-115	1	Jack, Television — SKL964-16U

Division 462**Drop and Block Wiring Dedicated Plant and C Rural Wire****462-0 Indexes, Data Sheets, Standard Material Clearances and CIRs****-000 Indexes****-005 Data/Instruction Sheets****-030 Standard Materials****-070 Clearances****462-2 Wiring****-200 Splices****-240 Drops From Open Wire****-242 Customer Closures****-250 Wiring at Serving Area Connector****-260 Wiring at Terminals****-275 Subscriber Carrier****462-3 Attachments****-300 Pole Strand and Tree Attachments****-350 Building Attachments****462-4 Placements****-400 Placing****-450 Mechanical Protection****462-5 Multiply Drop and Rural Wire****-500 Multiply Drop Wire****-525 Rural Wire****462-6 Dedicated Plant****-600 Wiring Access Points****462-8 Wire Maintenance****-800 Maintenance of Drop Wire****-462-W WIPS (Workcenter Information Packages)****-WIPS Workcenter Information Packages****Number****Issue****Subject****462-0 Indexes, Data Sheets, Standard Material Clearances and CIRs****462-000 Index**

462-000-000	4	Numerical Index — Division 462 — Drop and Block Wiring — Dedicated Plant and C Rural Wire
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462-005 Data/Instruction Sheets

462-005-100	3	Station Protection and Grounds — Identification, Selection, and Installation
462-005-101	2	125EW, 125EWB-, and 125EKW-Type Wide Gap Protectors — Description, Installation, and Testing
462-005-150	3	B2 Customer Service Closure — Description and Use
462-005-160	1	100-Type NIU (Network Interface Unit) — Description and Installation
462-005-165	1	200 Series NIU (Network Interface Unit) — Description and Installation
462-005-171	3	400 Network Interface Unit (NIU) Family — Description and Installation (2-93)
462-005-172	1	500 Series NIU (Network Interface Unit) Description and Installation
462-005-173	2	600 Series Network Interface Unit (NIU) — Description and Installation
462-005-175	1	8A1A (F-62007) Termination Unit — Description and Installation
462-005-178	2	401 NIUS (Network Interface Units) — Description and Installation

462-030 Standard Materials

Addendum	2	
462-030-100	8	Drop, Block, and Cross-Connect Wiring — Insulated Wire
462-030-121	1	E Ground Rod (AT-8985) — Description and Use

Number	Issue	Subject	Number	Issue	Subject
462-070 Clearances			462-265-201	2	Wiring at Main Building Terminals Using Quick Connect Hardware
462-070-015	3	Drop Wire Clearances	462-265-202	2	Wiring at Main Building Entrance Terminals Using 88-Type Quick-Connect Hardware
462-2 Wiring			462-265-211	1	Wiring Building Riser and Distribution Terminals
462-200 Splices			462-265-212	2	Wiring at Riser and Distribution Terminals Using 88-Type Quick-Connect Hardware
462-200-200	6	Drop and Block Wiring — Splicing	462-275 Subscriber Carrier		
462-200-201	2	B Drop Wire Splice (AT-9015) — Description and Use	462-275-201	2	4159-Type Network — Description and Installation
462-200-225	1	C, D, and E Service Wire Closures — Description and Use — Buried Service Wire	462-3 Attachments		
462-240 Drops From Open Wire			462-300 Pole Strand and Tree Attachments		
462-240-120	6	101-Type Wire Terminals — Description and Installation	Addendum	2	
462-240-200	3	Drops From Open and Rural Wire Lines	462-300-200	4	Drop and Block Wiring — Climbing Space
462-242 Customer Closures			462-350 Building Attachments		
462-242-101	1	AT-8813 B, C, and D — Customer Service Closures — Description and Use	462-350-211	4	Attaching Devices for Walls in Medium and Light Loading Areas
462-250 Wiring at Serving Area Connector			462-350-212	4	Attaching Devices for Walls in Heavy Loading Areas
462-250-105	2	Serving Area Interface AT-8630 and B Aerial Interface AT-8685 — Wiring	462-350-213	4	Fastening and Equipping — Drop Wire Runs to Buildings
462-250-106	2	88-Type Connecting Block—Wiring—40-Type Cabinets	462-350-214	4	Fastening and Equipping Intermediate and Last Attachments of Drop and Block Wire Runs on Buildings
462-250-107	4	108 Connectors and 76-Type Binding Posts — Wiring — 40-Type Cabinets (2-93)	462-4 Placement		
462-250-110	2	Wiring 108 Connectors and 76-Type Binding Posts — Cross-Connect Methods — 80-Type Cabinets	462-400 Placing		
462-260 Wiring at Terminals			462-400-100	3	B Drop Wire Rule
462-260-201	3	Wiring at Aerial Cable Terminals	462-400-200	4	Stringing Sags for Drop Wire
462-260-203	1	B-Type Cable Terminal — Wiring	462-400-206	3	Aerial Service (Drop Wire) — Placing, Replacing, Lowering, and Removing
462-260-207	4	Buried Service Wire — Terminations	462-400-211	3	Pole-to-Building and Pole-to-Pole Runs
			462-405-205	4	Coaxial — Placing

Number	Issue	Subject	Number	Issue	Subject
462-450 Mechanical Protection			462-6 Dedicated Plant		
462-450-100	2	Wire Guards	462-600 Wiring Access Points		
462-450-200	3	Avoiding Tree Interference	462-600-200	3	Dedicated Plant — Wiring Access Points
462-450-205	3	Separation and Mechanical Protection	462-8 Wire Maintenance		
462-5 Multiply Drop and Rural Wire			462-800 Maintenance of Drop Wire		
462-500 Multiple Drop Wire			462-800-305	3	Repair
462-500-011	5	Block Wiring — Multiple Pair Aerial Service Wire — Placing and Stringing Sags	462-W WIPs (Workcenter Information Package)		
Addendum	1		462-WIP		
462-500-015	1	Clearances for Multiple Drop Wire in Light Loading Area	462-WIP-001	2	B2 Customer Service Closure and 101C Wire Terminal (slide/audio)
Addendum	1		462-WIP-002	2	B Drop Wire Splice — Installation (full action video)
462-500-016	1	Clearances for Multiple Drop Wire in Medium Loading Area	462-WIP-004	1	F Aerial Service Wire Carton/Dispenser (slide/audio)
Addendum	1		462-WIP-005	2	200 Series Network Interface Unit (slide/audio)
462-500-017	2	Clearances for Multiple Drop Wire in Heavy Loading Area	462-WIP-006	1	6A1 Maintenance Terminating Unit — Installation (full action video)
462-525 Rural Wire			462-WIP-007	1	200/400/600/900 NIU Application (full action video)
462-525-015	1	C Rural Wire — Clearances — Light Loading Area	462-WIP-008	1	600 NIU Installation (full action video)
462-525-016	1	C Rural Wire — Clearances — Medium Loading Area	462-WIP-009	1	612 NIU Installation (full action video)
462-525-017	1	C Rural Wire — Clearances — Heavy Loading Area	462-WIP-012	1	FLEXTERM™ House Terminal Installation (full action video)
462-525-101	2	C Rural Wire — Description, Precautions, Attachments, and Placing Operations (2-93)			
462-525-105	2	Drainage Protection — C Rural Wire (2-93)			
462-525-115	2	C Rural Wire — Stringing Sags (2-93)			
462-525-150	2	C Rural Wire — Terminating (2-93)			

Division 463**Miscellaneous Station Apparatus For Use With Station Installations
Customer Equipment****463-0 Indexes****463-1 Auxiliary Signals, Power Relays, Backboards, Equipment Cabinets, and Apparatus Mountings****463-2 Lamp Indicators, Loudspeaker Sets, Recorder Connectors, and Voice-Controlled Switch****-248 Page Pac Loudspeaker Paging Set****463-3 Interconnecting Unit****463-4 Registration Interfaces**

Number	Issue	Subject
463-0 Indexes		
463-000-000	39	Numerical Index — Division 463 — Miscellaneous Station Apparatus for Use With Station Installations — Customer Equipment
463-1 Auxiliary Signals, Power Relays, Backboards, Equipment Cabinets, and Apparatus Mountings		
Addendum	1	
463-110-100	13	Auxiliary Signals — Identification, Installation, Operation, Maintenance, and Connections
463-120-100	8	Power Relay Sets — Identification, Installation, and Maintenance
463-121-100	5	Adapters — 146B, 155A, 157A, 285A, 290A, and Kit of Parts — D-180071, D-180072 — Identification and Installation
463-121-110	2	Apparatus Boxes 113-, 114-, and 118-Type for Mounting Panel Telephone Sets — Identification and Installation
463-121-115	2	115-Type Apparatus Boxes — Identification and Installation

Number	Issue	Subject
463-130-100	13	Backboards — Identification and Installation
463-135-100	1	Handset Hanger — 10A — Identification and Installation
463-140-100	10	Equipment Cabinets and Apparatus Mountings — Identification
463-140-200	8	Equipment Cabinets and Apparatus Mountings — Installation

463-2 Lamp Indicators, Loudspeaker Sets, Recorder Connectors, and Voice-Controlled Switch

463-200-001	1	Horn-Type Loudspeakers and Attenuators — Identification, Installation, Connection, and Maintenance — Voice Paging System
463-200-002	1	Cone-Type Loudspeakers and Baffles — Identification, Installation, Connection, and Maintenance — Voice Paging System
463-200-100	1	Standard Connections to Bell System Hosts — PAGEPAC* Loudspeaker Paging System — Voice Paging
Addendum	1	
463-210-100	5	Lamp Indicators — Identification and Installation
Addendum	1	
463-210-101	3	24A-Type Status Indicator — Identification and Installation
463-210-110	1	Colored Buttons for Use in Key Telephone Sets, Call Director® Sets, Card Dialers, Separately Mounted Keys, and 400-Type Key Mountings
463-211-100	1	Lamp Sockets — 69 Type
463-215-100	2	75A, 76A, and 77A Brackets Identification for Mounting Push-button Signaling Keys on Telephone Sets

* PAGEPAC is a registered trademark of Harris Corporation.

Number	Issue	Subject	Number	Issue	Subject
463-220-100	8	Loudspeaker Sets — 106-Type — Identification, Installation, Maintenance, and Connections	463-248-204	1	Page Pac Plus Programming Manual
463-221-100	8	Loudspeaker Set — 107-Type Identification, Installation, Connection, Operation, and Maintenance — SPOKESMAN® Loudspeaker	463-248-205	1	Page Pac Plus Programming Card
463-230-100	3	Recorder Connectors — 50 Type and Associated KS-16730, List 1 — Identification and Operation	463-3 Interconnecting Unit		
463-230-200	3	Recorder Connectors — 50 Type and Associated KS-16730, List 1 — Installation and Maintenance	463-300-100	4	Interconnecting Devices — Selection and General Information
463-230-300	3	Recorder Connectors — 50 Type and Associated KS-16730, List 1 — Maintenance	Addendum	1	
463-230-400	3	Recorder Connectors — 50 Type and Associated KS-16730, List 1 — Connections	463-300-101	1	Interconnecting Devices, Common Equipment — 604A-Type Panel
463-232-100	1	Recorder Coupler KS-19164, List 1	Addendum	3	
Addendum	1		463-300-102	2	Interconnecting Devices, Common Equipment — 604B and 604C Panels and 21A Apparatus Unit
463-235-100	1	KS-20008, List 1 Control Unit — Identification, Installation, Tests, and Connections	Addendum	1	
463-240-100	2	Voice-Controlled Switch 234-Type	463-300-103	1	Interconnecting Devices, Common Equipment — 606A Panel
463-241-100	1	Modular Switches for Use in Telephone Sets	Addendum	2	
463-245-100	2	KS-16821 Footswitch — Identification and Connections	463-300-104	2	Interconnecting Devices, Common Equipment — 615A Panel
463-246-100	1	Outdoor Cutoff Switch — KS-20235, List 1 — Identification and Installation	463-300-109	1	Connecting Arrangement VCP Customer- Provided Power — KS-20944 Protector
463-248 Page Pac Loudspeaker Paging Set			Addendum	1	
463-248-050	2	Page Pac Marketing and Sales Guide	463-300-110	1	Interconnecting Control Unit F-58010 — Identification, Installation, Maintenance, and Connections
463-248-101	1	Page Pac Installation Manual	Addendum	1	
463-248-102	1	Page Pac Multitone Generator Installation Manual	463-300-112	1	Interconnecting Devices, Common Equipment — 75A Control Unit
463-248-103	1	Page Pac Remote Amplifier Adapter Installation Manual	463-300-113	2	Interconnecting Devices — Common Equipment — 142A Test Set
463-248-201	1	Page Pac Plus Installation Manual	Addendum	1	
463-248-202	1	Page Pac Plus Amplicenter Manual	463-300-130	1	Voice Coupler F-58008 — Identification, Installation, Maintenance, and Connections
463-248-203	1	Page Pac Plus 16 Expansion Module Manual	Addendum	1	
			463-300-140	1	Interconnecting Key Telephone Unit F-58006 — Identification, Installation, Maintenance, and Connections

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		Addendum	2	
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463-311-106	2	Voice Connecting Arrangements CEBAV and CEBAW — 111A Interconnecting Unit — 69H Apparatus Mounting — 606A Panel	Addendum	1	
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463-311-108	2	Voice Connecting Arrangements CEZ — KS-20893, List 10 Interconnecting Unit — KS-20893, List 11 Interconnecting Service Unit	Addendum	3	
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Division 473

Intra-PBX Protection of Service, Code Calling, Customer Training, Dispatching, Emergency Reporting, Interface Trunks, Message Waiting, Recorded Telephone Dictation, Telephone Answering Systems, and Transmitter Transfer Customer Equipment

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473-615-030	1	AUTOTAS Call Distribution System — Patcher — Installation Instructions
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473-615-050	1	Uninterruptible Power System — Installation/Acceptance/Maintenance Procedures — AUTOTAS Call Distribution System
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Order Turrets
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475-200-300	1	Order Turret — No. 1 — Tests and Adjustments
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475-3 No. 3 Order Turret

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475-300-310	1	Alarms — Method of Tracing
475-300-320	1	Method of Taking Equipment Out of Service
475-300-505	1	Allotter Circuit and Associated Alarm and Registers — Tests and Inspections
475-300-507	1	Attendant Telephone and Trunk Circuits — Operation Tests
475-300-520	1	Calls Waiting Signal and Register Circuit — Tests and Inspections
475-300-655	1	Start Circuit and Associated Alarm Circuit — Tests and Inspections
475-300-665	1	Incoming Trunks — Incoming Trunk Selector Control Circuit — Operation Tests

475-5 Management Information Systems (MIS) — Automatic Call Distribution (ACD) and Personal Computer (PC)

■ 475-550-100	7.00	PINNACLE ACD/MIS — Supervisor's Reference Guide 5E6-5E9 Software Release 1V
Appendix 1	3.00	ACD/MIS — Information for the Switch Administrator
475-550-101	1.00	ACD/MIS — Agent's BST (Basic Service Terminal) Guide
475-550-102	1.00	ACD/MIS — Supervisor's BST Guide
475-550-104	7.00	PINNACLE™ ACD/MIS Operator/Administrator's Reference Guide — 5E6-5E9 Software Release 1V
Appendix 1	3.00	Information for the Switch Administrator — 5E4-5E6 Software Releases
Appendix 2	3.00	Customer Setup Forms — 5E4-5E6 Software Releases
Appendix 3	3.00	Software Update Administration
■ 475-550-105	7.00	PINNACLE ACD/MIS — Site Preparation Guide (5E6-5E9) Software Release 1V

Number	Issue	Subject	Number	Issue	Subject
■ 475-550-107	8.01	PINNACLE ACD/MIS Application Initial Installation/Upgrade Guide 5E6-5E9 Software Release 1V	475-550-119	2.01	PINNACLE ACD Release 6 Enhancements — Agent Communication Terminal Plus— Supervisor's Guide — 5E5 Through 5E6(2) Software Releases and 5E6 Software Releases
475-550-108	5.00	PINNACLE ACD/MIS Applications Processor Interface Specification 5E6-5E9 Software Release 1V	475-550-120	2.01	PINNACLE ACD Call Vectoring Guide Rel. 9 5E6-5E9 Software Releases
475-550-109	8.00	PINNACLE ACD/MIS Release 9 Application Interface Unit Site Preparation Guide 1V 5E6-5E9	475-550-121	1.00	PINNACLE ACD/MIS — Implementation Guide
475-550-110	6.00	PINNACLE ACD Operator/Administrator Reference Guide Application Interface Unit 5E6-5E9 Software Release 1V	475-550-126	3.00	PINNACLE ACD/MIS Release 7 — Upgrade Guide — 5E4 Through 5E6 Software Releases
475-550-111	5.00	PINNACLE ACD Supervisor Workstation Interface Specification 5E6-5E9 Software Release 1V	475-550-127	2.00	PINNACLE ACD LiNk II Interface Specification
■ 475-550-112	4.01	PINNACLE™ ACD — Release 7 Enhancements — Report Analysis Guide	■ 475-550-128	3.00	ACD/MIS Release 6 — Event and Control Link — Upgrade Guide — 5E4-5E6 Software Releases
475-550-113	2.00	PINNACLE ACD Force Management System Interface Specification Release 9 5E6-5E9 Software Release	475-550-129	1.00	ACD/MIS Release 6 — PC/MIS — Upgrade Guide — 5E4-5E6 Software Releases
475-550-114	5.00	PINNACLE ACD Agent Communication Terminal — Agent and Supervisor Guide 1V	475-550-130	2.00	PINNACLE ACD Public Data Base Interface Specification (Networking II) 5E6-5E9 Software Release 1V
475-550-115	3.00	PINNACLE ACD/MIS Agent Communication Terminal Supervisor's Guide	■▲475-550-133	3.00	PINNACLE ACD Agent Communication Terminal — User's Guide (5E6-5E9) Rel. 1V (6-92)
475-550-116	2.00	PC/MIS — (Personal Computer/Management Information System) — Site Preparation Guide — 5E4-5E6 Software Releases	■ 475-550-134	2.00	Agent Communication Terminal Plus — User's Guide (6-92)
475-550-117	2.00	PC/MIS — Installation Guide	475-550-136	5.00	PINNACLE ACD Installation Upgrade Guide for Sun* Computers 5E6-5E9 Software Release 1V
Appendix 1	1	PC/MIS — Password Table	■ 475-550-137	1.01	PINNACLE ACD Release 7 Upgrade Guide for SUN Computers
475-550-118	3.00	PINNACLE™ Automatic Call Distributor Release 7 Enhancement Agent Communications Terminal Plus Agent's Guide (5-92)	475-550-138	2.00	PINNACLE ACD 5ESS Switch Recent Change and Verify Views Guide 5E9 Release 1V
			475-550-139	3.01	PINNACLE ACD/MIS Ordering Guide for MIS on SS5 Platform and AIU on IPX Platform Release 9 5E6-5E9 Software Release 1V
			475-550-140	1.00	PINNACLE ACD Link 1 Administrator's Guide Release 1 5E5 through 5E7

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475-550-141	1.00	PINNACLE ACD Link 1 Installation Guide Release 1 5E5 through 5E6
■ 475-550-142	1.00	PINNACLE ACD and DESTINY® ACD Link 1 Interface Spec
475-550-143	1.00	PINNACLE ACD BRCS Agent Terminal Users Guide 5E6-5E9 Software Release 1V
475-550-144	1.00	PINNACLE ACD/MIS Agent Terminal BRCS and Supervisor's Guide 5E6-5E9 Software Release 1V

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475-600-500	2	Alarm and Common Group Circuits — Tests and Inspections
475-600-507	2	Attendant Trunk and Position Circuits — Operation Tests — PBX Information Desk
475-600-664	1	Night Service Trunk Circuit SD-5E036-01 — Operation Test
475-600-665	2	Trunk Finders — Operation Tests
475-600-666	2	Incoming Trunks — Operation Tests — PBX Information Desk
475-600-667	1	Overflow Trunk Circuit SD-5E033-01 — Operation Tests
475-600-669	1	Overflow Control Circuit SD-5E026-01 — Operation Test

Division 476

**Force Administration Data System
(FADS) Automatic Call Distributing Systems
(ACDS)
No. 2A, 2B, and 3A, and Call Distributing System
No. 4A
Customer Equipment**

476-0 Indexes and Equipment Test Lists**476-1 Equipment Common to ACDS****476-2 2-TYPE ACD****476-3 NO. 3A ACD****476-4 NO. 4A CD****476-6 General Trade Products — ACD**

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476-000-000	90	Numerical Index — Division 476 — Force Administration Data System (FADS) — Automatic Call Distributing Systems (ACD) — No. 2A, 2B, and 3A, and Call Distributing System No. 4A — Customer Equipment
476-001-011	5	ETL — No. 2A ACD
476-001-013	5	ETL — No. 3A ACD

476-099 Customer Information Releases (CIRs)

☐	476-099-001IR	1	Single Line Interface Unit for Business Office Force Administration Data System (BOFADS), Operations Systems
☐	476-099-002PS	1	Single Line Interface Unit for Business Office Force Administration Data System (BOFADS), Operations Systems
☐	476-099-003TD	1	Single Line Interface Unit for Business Office Force Administration Data System (BOFADS), Operations Systems

Number Issue Subject

476-1 Equipment Common to ACDs

①	476-100-002	1	Business Services Engineering — CCS Capacity Tables
①	476-100-003	1	Business Services Engineering — Design Consideration
①	476-100-004	1	Business Services Engineering — Force Administration Data System (FADS)
	476-100-101	1	KS-21055 NATIS Test Set — Used With Automatic Call Distributing Systems — Description, Installation, Tests, and Maintenance
	476-100-104	1	3B Traffic Usage Recorder — Description, Installation, Connections, Tests, Trouble Location
	476-100-106	1	KS-15947 Totalizer Circuit SD-95965-01 — Description — Installation — Tests
	476-100-501	1	Trunk Identification Control Circuit J53131W — Operations Test
	476-100-600	1	Centralized Attendant Service — Business Services Traffic Engineering
	476-100-701	1	KS-12068, L7 Recorder-Reproducer and Trunk Identification Announcement Amplifiers — Requirements, Adjustments, and Trouble Analysis — 2- and 3-Type Automatic Call Distributors (ACD)
	476-121-100	2	Business Office Force Administration Data System (BOFADS) Using Pollable Data Terminal (PDT) No. 2A — Description and Operation
	476-121-101	1	Business Office Force Administration Data System — Down Line Loading (BOFADS-DLL) — Description and Operation
	Addendum	1	
	476-121-105	2	Business Office Force Administration Data System (BOFADS) Using Pollable Data Terminal (PDT) No. 2A — Installation
	476-121-106	2	Business Office Force Administration Data System — Loading (BOFADS-DLL) — Installation
	476-121-107	2	Business Office Force Administration Data System — Down Line Loading (BOFADS-DLL) — Retrofit Installation

Number	Issue	Subject	Number	Issue	Subject
476-121-110	2	Business Office Force Administration Data System (BOFADS) Using Pollable Data Terminal (PDT) No. 2A — Trouble Locating Procedures	476-215-210	5	Miscellaneous Equipment — Area Identification Equipment, Auxiliary Trunk Units, Hold Units, Announcement Set, 20-Cycle Detector Units, Fads Auxiliary Units, and Auxiliary Incoming Trunk Units — Method of Connecting
476-121-111	1	Business Office Force Administration Data System — Down Line Loading (BOFAD- DLL) Trouble — Locating Procedures	Addendum	1	
476-130-105	2	13A Customer Information System (CIS) — Descriptive Information	① 476-216-210	4	Distributing Frame Cross-Connections
476-130-107	2	13A Customer Information System (CIS) — Identification and Preinstallation	Addendum	1	
			476-218-210	4	Service Options — (Trunks, Position Trunks, Night Connections, and Registers) — Method of Providing
			476-220-210	1	Tests and Inspection at Time of Installation
			476-222-501	2	Alarms — Operation Tests
			476-223-501	3	Traffic Registers — Operating Tests Using Test Set SD-65983-01 (J53131AG)
			Addendum	1	
			476-225-501	2	Attendant Telephone Position — Operation Tests Using Test Set SD-65983-01 (J53131AG)
			476-227-501	1	Supervisors Telephone Position — Operation Tests
			476-229-501	2	Link, Controller, and Gate Circuit — Operation Tests — Using Test Set SD-65983-01 (J53131AG)
			476-237-501	3	Incoming Trunk Circuit Operation Tests — Using Test Set SD-65983-01 (J53131AG)
			476-243-501	2	Automatic Selection and Auxiliary Trunk Circuit for Outward Service From Attendant Position — Operation Tests — Using Test Set SD-65983-01 (J53131AG)
			476-247-501	3	Night Service Trunk Circuit — Operation Tests — Using Test Set SD-65983-01 (J53131AG, L1 or L3)
			476-249-501	2	Auxiliary Trunk Circuit — For Outward Service — From Switchboard to Central Office — Operation Tests Using Test Set SD-65983-01 (J53131AG)
			476-256-501	1	Operation Tests
			476-256-502	1	Transmission Tests 2A

476-2 2-TYPE ACD					
No. 2A Automatic Call Distributing System					
① 476-200-001	1	Business Services Engineering			
Addendum	1				
476-200-210	5	Identification and Installation			
476-202-210	4	Crown and Power Cables — Method of Connecting			
476-204-200	4	House and Feeder Cables — Basic Cabinet — Method of Connecting to Distributing Frame			
Addendum	3				
476-204-202	3	House and Feeder Cables — First Supplementary Cabinet — Method of Connecting to Distributing Frame			
Addendum	1				
476-204-204	3	House and Feeder Cables — Second Supplementary Cabinet — Method of Connecting to Distributing Frame			
476-204-206	4	House and Feeder Cables — Transfer Cabinet — Method of Connecting to Distributing Frame			
Addendum	1				
476-210-210	6	Attendant Telephone Position — 10- or 11-Type Telephone Console and 12- or 14-Type Apparatus Unit — Method of Connecting			
476-212-210	4	Supervisor Telephone Position — Method of Connecting			
476-214-210	3	Supervisor Position Lamp Cabinet — Method of Connecting to Distributing Frame			

Number	Issue	Subject	Number	Issue	Subject
No. 2B Automatic Call Distributing System			476-309-501	3	Supervisor Telephone Position — Operation Tests
① 476-270-001	1	Business Services Engineering	476-312-501	2	Finder Circuits 8-Wire — SD-65962-01 and SD-65975-01 — Operation Tests — Using Test Circuit SD-65963-01 and SD-5E049-01 or SD-65966-01 and SD-5E049-01
476-270-201	4	Identification and Installation	476-313-501	2	Split Gate Finder Circuit SD-5E035-01 and Split Gate Group Circuit SD-5E050-01 — Operation Tests Using Test Set SD-65983-01 (J53131AG)
476-270-202	3	Cabinet Crown Strapping and Cabling — Method of Providing	476-314-501	1	Selectors — Operation Tests — Using Test Set SD-66073-01 (J54701B)
476-270-203	4	Cabling and Cross-Connections — Method of Providing — 2B	476-314-502	1	Selectors — Rotary — Cut-In and Release Tests Using Dial Hand Test Set 3A Automatic Call Distributing System
476-270-204	4	Service Options — Method of Providing	476-319-501	3	Delayed Answer Announcement Circuit SD-65971-01 — Operation Tests — Using Test Set SD-65983-01 (J53131AG)
476-270-205	4	Miscellaneous Equipment Connections	476-321-501	3	Announcement Trunk Circuit SD-65979-01 — Operation Tests — Using Test Set SD-65983-01 (J53131AG) — 3A Automatic Call Distributing System
476-270-301	1	Trouble Locating Information	476-323-501	4	Incoming Trunk Circuits SD-65961-01 and SD-65978-01 — Operation Tests
476-270-302	2	Consoles — Method of Operation (For Large 2B ACD Attendant Application)	476-324-501	1	Incoming Trunk Group Peg Count Totalizer SD-65981-01 — 3A Automatic Call Distributing System — Operation Test
476-270-303	1	Telephone Sets — Method of Operation (For Small 2B ACD Attendant Application)	476-325-501	3	Attendant Trunk Circuit SD-65964-01 and Night Service Trunk Circuit SD-65967-01 — Operation Tests — 3A Automatic Call Distributing System
476-270-501	1	Tests and Inspection at Time of Installation	476-328-501	3	Transfer Trunk Circuit SD-65970-01 — Operation Tests
476-270-503	2	Acceptance and Operation Tests Using J53131AG L3 Test Set	476-328-502	1	Transfer Trunk (SD-65976-01) — Operation Tests
476-270-505	1	Transmission Tests — 2B	476-330-501	1	Trunks — Operation Tests From Selector Levels — Using Dial Hand Test Set
476-271-301	1	Consoles — Method of Operation — Centralized Attendant Service	476-332-501	3	Auxiliary Incoming Trunk Circuit SD-1E070-01, Auxiliary Trunk Circuit SD-65972-01, and Attendant Line Circuit SD-65977-01 — Operation Tests
476-3 NO. 3A ACD					
① 476-303-001	1	Business Services Engineering			
① 476-303-002	1	Business Services Engineering — Split Gate-Interflow Arrangement			
① 476-303-003	1	Business Services Engineering — Automatic Overflow Arrangement			
Addendum	1				
476-303-410	1	Attendant Telephone Position — 10- or 11-Type Telephone Consoles and 12- or 14-Type Apparatus Unit — Method of Connecting			
476-303-412	1	12B-Type Telephone Console — Connections			
476-305-501	3	Alarms — Operation Tests			
476-305-502	1	Alarms — (SD-5E049-01) — Operation Tests			
476-307-501	3	Attendant Telephone Position — Operation Tests — Using Test Set SD-65983-01 (J53131AG)			

Number	Issue	Subject
476-335-501	3	Traffic Registers — Operation Tests
476-337-501	2	Load Balancing and Overflow Common Control Circuit SD-5E022-01 — Operation Tests
476-338-501	2	Overflow Control Circuit SD-5E026-01 — Operation Tests — 3A Automatic Call Distributing System
476-339-501	3	Overflow Trunk Circuit SD-5E032-01 — Operation Tests — Using Test Set SD-65983-01 (J53131AG)
476-344-501	2	Force Administrative Data System (FADS) — 3A Automatic Call Distributing System — Operation Tests
476-344-502	1	Transmission Tests — Maintenance

Number	Issue	Subject
Telephone Company Business Office Force Administration Data System		
476-360-101	3	1A1 and 1A2 Key Telephone Systems — Description, Identification, Installation, Connections, and Tests
476-4 NO. 4A CD		
❶ 476-400-001	1	Business Services Engineering
476-400-200	2	Identification, Installation, and Connections
476-400-300	2	Maintenance and Method of Operation
476-401-301	1	Centralized Attendant Service — Method of Operation and Modifications
476-6 General Trade Products — ACD		
❶ 476-600-001	1	Collins "Galaxy" ACD

Division 478**Building Management Systems****478-0 Indexes and General Information****478-1 Automated Building Management****478-2 Energy Communications Service Adjunct**

Number	Issue	Subject
478-2 Energy Communications Service Adjunct		
478-200-101	1	Master Remote Unit-Service Manual
478-200-102	1	Installation and Test-Service Manual
478-200-104	1	Administration and Maintenance-Service Manual

Number	Issue	Subject
478-0 Indexes and General Information		
478-000-000	4	Numerical Index — Division 478 — Building Management Systems

478-1 Automated Building Management

☐	478-100-100	1	System Description Replaced by 999-700-056
☐	478-100-101	1	Preinstallation Planning Replaced by 999-700-463
	478-100-102	2	Administration — Service Manual
	478-100-103	2	Growth and Rearrangements (Service Manual)
	478-100-104	2	Installation
	478-100-105	2	Maintenance
	478-100-106	2	Installation Tests
☐	478-100-107	1	Sensors and Controls NOTE: Replaced by 999-700-463
☐	478-100-201	1	Energy Management Feature NOTE: Replaced by 999-700-056
☐	478-100-202	1	Admittance Control/Security Feature NOTE: Replaced by 999-700-056
☐	478-100-203	1	Alarm Monitoring and Reporting Feature NOTE: Replaced by 999-700-056

Division 480**Private Service Systems Customer Equipment****480-2 Indexes****480-1 Crash Alarm and Command Conference Systems****480-2 Civil Defense Warning System (CDW) — Station Equipment****480-3 Group Alerting System — Station Apparatus; 1A Telephone Warning System; 10A Alerting System; 11A Alerting System and KS-19557 Detector****480-5 SAGE Systems — 112A Key Equipment and SAC Main Operating Base Turret****480-6 Private Line Terminations and Selective Signaling Systems****480-7 Switching Systems — Customer Equipment****480-8 PBX Access — AUTOVON**

Number	Issue	Subject
480-0 Indexes		
480-000-000	15	Numerical Index — Division 480 — Private Service Systems — Customer Equipment
480-010-100	2	4-Wire Private Line Circuit — Powered From Central Office SD-69902-01 — Identification, Connections, and Tests
480-050-100	1	Special Services — Direct Private Line Service Interconnection Installation and Maintenance Responsibilities for Private Line Service Directly Connected to a Customer and/or Other Common Carrier Provided Communications System Channel.

480-1 Crash Alarm and Command Conference Systems

480-139-110	1	General Description
480-139-500	2	Crash Alarm Circuits — Operation Tests — 551A, 551B, 551D, 604C, 605A, 701A and 711A PBX

Number	Issue	Subject
480-139-501	2	Crash Alarm Circuits — Arranged for Continuous Test of Station Lines — Operation Tests — 701A or 711A PBX
480-139-520	2	Command Conference Circuits — Operation Tests — 605A, 701A, and 711A PBX

480-2 Civil Defense Warning System (CDW) — Station Equipment

480-210-100	6	Identification
480-210-200	4	Bell and Lights — Installation and Maintenance
480-210-400	4	Bell and Lights — Connections

480-3 Group Alerting System — Station Apparatus; 1A Telephone Warning System; 10A Alerting System; 11A Alerting System and KS-19557 Detector**480-310 Group Alerting System — Station Apparatus**

Addendum	1	
480-310-100	3	Identification
480-310-200	4	Installation and Maintenance
Addendum	1	
480-310-400	5	Connections

480-315 1A Telephone Warning System

480-315-100	1	Identification, Installation, Connection, and Maintenance
480-315-500	2	Tests

480-316 10A Alerting System

480-316-301	1	Console — Method of Operation
Addendum	1	
480-316-501	2	Periodic Maintenance and Overall Tests

480-317 11A Alerting System

480-317-500	2	Periodic Maintenance and Overall Tests
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Number	Issue	Subject
480-5 SAGE Systems — 112A Key Equipment and SAC Main Operating Base Turret		
480-510-100	4	Description of Equipment Arrangements
480-510-105	1	Conference Circuit SD-69490-01 and Alternate Termination Transfer Circuit SD-69492-01 — Description of Operation
Addendum	1	
480-510-106	1	Addressable Data Station Switching — Circuit SD-1G244-01, and Site Control Circuit SD-1G246-01 — Identification, Operation, Maintenance
480-520-301	2	SAC Main Operating Base Turret — Method of Operation
480-520-501	1	SAC Main Operating Base Turret — Lineup and Overall Tests
480-6 Private Line Terminations and Selective Signaling Systems		
480-610 Station Arrangement for 2- and 4-Wire No. 5 Crossbar Central Office Lines		
480-610-100	3	Identification and Connections
480-611 Preemption Tone Detector (AUTOVON) — Customer- Provided PBX or Station		
480-611-100	1	Identification, Connections, Maintenance
480-612 Echo Suppression and Anti-Sing Circuit SD-1G283-01		
480-612-100	1	Identification, Installation, Connection, and Line-Up Procedures
480-615 4-Wire Private Line Terminating Circuit, SD-69566-01		
480-615-100	4	Identification, Installation, Connections, Lineup Procedures
480-616 4-Wire Private Line Terminating Circuit, SD-69449-01		
480-616-100	2	Identification, Installation, and Connections

Number	Issue	Subject
480-617 4-Wire Private Line Terminating Circuit SD-1G297-01		
480-617-100	4	Identification, Installation, and Connections
480-621 Selective Signaling Systems		
480-621-200	2	SS-1 — Identification, Installation, Connections, and Service Options — Private Line Telephone Service
480-621-202	3	SS-1 or SS-1A — 2-Digit Touch-Tone to Dial Pulse Conversion — Identification, Installation, Connections
480-621-500	1	SS1 — Operational Sketches and Sequence Charts — Private Line Telephone Service
480-621-501	2	SS1 — Overall Tests — Private Line Telephone Service
480-621-502	3	SS-1 — Decoder and Keyer — Detailed Tests — Private Line Telephone Service
480-621-503	2	SS-1 or SS-1A — 2-Digit Touch-Tone to Dial Pulse Conversion Equipment, Detailed Tests
480-622-200	3	SS-1A — Identification, Installation, Connections, Service Options — Private Line Telephone Service
480-622-501	2	SS-1A — Overall Tests — Private Line Telephone Service
480-622-502	2	SS-1A — Decoder and Keyer — Detailed Tests — Private Line Telephone Service
480-623-001	4	SS-4 — With or Without Off-Network Access — Identification, Installation, and Connections — 4-Wire Private Line Telephone Service
480-623-002	1	SS-4 Selective Signaling System — Maintenance — Private Line Telephone Service
480-625-210	2	SS-3 Touch-Tone — Identification, Installation, Connections, Operational Tests and Maintenance
480-630-210	1	SS-3 Order Wire — Initial Lineup and Maintenance Tests

Number	Issue	Subject	Number	Issue	Subject
480-7 Switching Systems — Customer Equipment			480-714-103	1	No. 307 — Sequence Circuit Unit — Description
480-707-301	1	No. 302 — Method of Operation	480-714-104	1	No. 307 — Dual Access Switch — Description
480-707-501	1	No. 302 — Tests, Inspections, and Line-Up	Addendum	1	
480-708-301	4	No. 301A — Method of Operation	480-714-105	2	No. 307 — 2626A1 Telephone Set — Description
480-708-501	4	No. 301A — Lineup and Overall Tests	Addendum	1	
480-709-301	1	No. 301 — Method of Operation	480-714-106	1	No. 307 — Alarm Circuit Unit — Description
① 480-710-001	1	No. 300 — Business Services Engineering	480-714-200	3	No. 307 — Installation
480-710-100	4	No. 300 — Position Equipment Identification	Addendum	1	
Addendum	1		480-714-301	1	No. 307 — 4-Wire CO Line Circuit Unit — Maintenance Tests
480-710-301	3	No. 300 — Method of Operation	480-714-302	2	No. 307 — Line Transfer Circuit Unit — Maintenance Tests
480-710-400	3	No. 300 — Sequence Charts and Operational Sketches — Land Line Operation	480-714-303	1	No. 307 — Sequence Circuit Unit — Maintenance Tests
480-710-401	1	No. 300 — Sequence Charts and Operational Sketches — Radio Line Operation	480-714-304	1	No. 307 — Dual Access Switch — Maintenance Tests
480-710-501	1	No. 300 — Overall Tests Using J53026BN Portable Test Box or J53026EW Portable Test Set Equipped With Dial Pulse Counter	480-714-305	1	No. 307 — 2626A1 Key Telephone Set — Maintenance Tests
Addendum	1		480-714-306	1	No. 307 — Alarm Circuit — Maintenance Tests
480-711-500	2	No. 304 — Overall Tests	480-714-500	2	No. 307 — Station Test Procedures
480-712-100	1	Control and Display System Used in Conjunction With a 304 Switching System — Console Operating Procedures	480-714-501	1	No. 307 — Out-of-Service Test — Procedures for High-Speed Send/Receive (HS S/R) Station
480-713-100	1	Command Post Alerting Network (COPAN) Residence Station Apparatus Used With No. 306 — Identification, Installation, and Connections	480-716-200	3	No. 309 — Identification, Installation, Connections, and Tests and Inspections During Installation
480-713-301	4	306 Console — Method of Operation	480-716-501	2	No. 309 In-Service Operational Tests
480-713-500	2	No. 306 — Line-up and Overall Tests	480-717-300	2	No. 310 Console — Method of Operation
480-713-501	1	306 — AUTOVON Access Line Sharing Circuit — 2-Station, 2-Line Appearances — Description, Lineup, and Testing	480-717-500	4	No. 310 — Line-Up and Overall Tests
480-714-101	2	No. 307 — 4-Wire CO Line Circuit Unit — Description	480-720-100	2	Modular Terminal Communication System (MTCS) — Installation, Connections, and Lineup Procedures
480-714-102	2	No. 307 — Line Transfer Circuit Unit — Description	480-720-101	1	Modular Terminal — Communication System — Maintenance
			480-720-200	2	Modular Terminal Communication System (MTCS) — Method of Operation

Number	Issue	Subject
480-8 PBX Access — AUTOVON		
480-801-100	1	Telephone Consoles — Type F-60833 (No. 2 Electronic Switching System ESS™ AUTOVON) — Identification, Installation, and Maintenance
480-801-110	1	No. 2 Electronic Switching System (ESS) Centrex — Autovon
480-801-300	1	812A — Attendant Console (155A6E-03L) — Method of Operation
480-801-500	1	812A — Initial Lineup and Maintenance Tests

Division 481**Teleconferencing Services****481-0 Index****481-1 Audio Teleconferencing**

-100 QUORUM® 100A Conference System — Identification, Installation, Operation, and Maintenance

-102 5ESS® Switch — Teleconferencing Equipment NJ00518

481-2 Video Teleconferencing

Number	Issue	Subject
481-0 Index		
481-000-000	16	Numerical Index — Division 481 — Teleconferencing Services (5-95)

481-1 Audio Teleconferencing**481-100 QUORUM® Conference Systems**

481-100-100	1	QUORUM 100A Conference System Used With 4A Speakerphone System
481-100-101	1	QUORUM 100A Conference System Used With a 50A1 Conference Set
481-100-102	1	QUORUM 100A Conference System Used With a Group Audio Teleconferencing
481-100-200	1	AT&T QUORUM A28 Conferencing Bridge Reference Guide
481-100-201	1	AT&T QUORUM A28 Conferencing Bridge User's Guide
481-100-202	1	AT&T QUORUM A28 Calling Processor Reference Guide

481-102 5ESS® Switch — Teleconferencing Equipment NJ00518

481-102-100	1	Description
481-102-105	1	Installation and Maintenance

Number Issue Subject

481-2 Video Teleconferencing**481-200/203 Picturephone Meeting Service — Conference Center****General**

481-200-001	1	System Description for Initial Service
481-200-002	2	Description

TV Processor

481-201-001	1	KS-22456 — Description
481-201-002	1	CLI VTS 1.5E — Description
481-201-010	1	KS-22456 — Installation and Connections
481-201-020	1	KS-22456 — Operation, Maintenance, Trouble Locating, and Acceptance Tests

Room Controller Equipment

481-202-001	2	Description
481-202-010	2	Installation and Connections
481-202-020	2	Operation, Maintenance, Acceptance Tests, and Trouble-Locating

General Trade Equipment

481-203-001	2	Basic Room Description
481-203-002	1	SHARP* Camera Description
481-203-003	1	PANASONIC† Camera and SONY‡ Monitor — Description
481-203-010	2	Basic Room — Installation and Connections
481-203-011	1	SHARP Camera — Installation and Connections
481-203-012	1	PANASONIC Camera and SONY Monitor — Installation and Connections
481-203-020	2	Basic Room — Operation, Maintenance, Trouble Locating, and Acceptance Tests

* SHARP is a registered trademark of Sharp Electronics Corporation

† PANASONIC is a registered trademark of Matsushita Electric Corporation of America

‡ SONY is a registered trademark of Sony Corporation of America

Number	Issue	Subject
481-203-021	1	M SHARP Camera Operation, Maintenance, Trouble Locating, and Acceptance Tests
481-203-022	1	PANASONIC Camera and SONY Monitor Operation, Maintenance, Trouble Locating, and Acceptance Tests

Division 500**General Considerations For Station Installations
Customer Equipment****500-0 Indexes****500-1 Transmission Zoning, Inductive Noise, Ringing
Bridge Limitations, Selection Of Apparatus, Radio
Suppression, Special Connections, and Dial Restriction****500-2 Plant Field Station Administration****500-8 Packaging and Handling — Disconnected Apparatus**

Number	Issue	Subject
500-0 Indexes		
500-000-000	49	Numerical Index — Division 500 — General Considerations for Station Installations — Customer Equipment
500-1 Transmission Zoning, Inductive Noise, Ringing Bridge Limitations, Selection of Apparatus, Radio Suppression, Special Connections, and Dial Restriction		
500-110-100	6	Selection of Apparatus by Class of Service and Zone
500-112-100	10	Reference — Inductive Noise
500-114-100	6	Station Ringing Apparatus — Selection and Limitations
500-120-100	5	Telephone Apparatus and Materials — Color
500-124-180	5	Station Sets and Apparatus for Special Applications — Selection

Number	Issue	Subject
500-128-180	8	Selection of Telephone Apparatus for Impaired Hearing, Speech, and Sight
500-130-180	4	Subscriber Sets and Externally Mounted Ringers — Selection for General Use
500-150-100	11	Radio Signal Suppression — For Telephone Sets — Identification, Installation, and Maintenance
500-155-100	6	Key Telephone Sets Dial Restriction — Identification, Connections, and Testing

500-2 Plant Field Station Administration

500-200-011	1	Administration of the Kit Plan and Field Turnaround of Telephone Sets and Bases
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500-8 Packaging and Handling — Disconnected Apparatus

500-810-200	2	Disconnected Station Apparatus
500-815-200	1	Disconnected 400-Type KTUs
500-820-200	1	Disconnected 1-Type Telephone Answering Sets
500-820-201	1	Disconnected 2-Type Telephone Answering Sets
500-820-203	1	Disconnected KS-16378 Telephone Answering Sets
500-820-205	1	Disconnected KS-16923, List 1 Telephone Answering Sets
500-820-207	1	Disconnected KS-19245, List 1 Telephone Answering Sets
500-830-200	1	Disconnected KS-16765, List 1 Announcement Sets
500-840-200	1	Disconnected KS-16844 Rapidial

Division 501**Business Systems and Station Equipment Station Set Components Customer Equipment****501-0 Index****-099 Customer Information Releases (CIRs)****501-1 Apparatus Blanks, Buzzers, Bells, Capacitors, Transformers, Cords, Cord Reels, Designation Strips and Cards, Dials, Filters, Timers, and Modification Kits****501-2 Handsets, Receivers, Transmitters, and Ringers****501-3 Electron Tubes, Polarity Guards, Varistors, Ringer Isolators, and Termination Units****501-4 Telephone Units and Mountings For Customer-Owned Enclosures**

Number	Issue	Subject
501-0 Index		
501-000-000	71	Numerical Index — Division 501 — Station Set Components — Customer Equipment

501-099 Customer Information Releases (CIRs)

- ☐ 501-099-001PS 1 H4DU Telephone Handset Cord, Premises Distribution Products
- ☐ 501-099-002PS 1 Z100A/Z101A Filters, Premises Distribution Products

501-1 Apparatus Blanks, Buzzers, Bells, Capacitors, Transformers, Cords, Cord Reels, Designation Strips and Cards, Dials, Filters, Timers, and Modification Kits

501-110-100	5	Apparatus Blanks — Identification
501-120-100	12	Reference — Buzzers and Bells — Identification, Installation, Maintenance, Limitations, and Connections
501-130-100	6	Capacitors — Identification
501-135-100	4	Networks

Number	Issue	Subject
501-136-100	7	Station Transformers — Identification
501-140-100	3	Telephone Station Cords — General
501-140-101	1	Station Cords — Even Count Color Code
501-140-102	12	Handset Cords — Identification
501-140-103	12	Mounting Cords for Single-Line and One- Button Telephone Sets — Identification and Selection
501-140-104	6	Mounting Cords for 4- and 6- Button Key Telephone Sets
501-140-105	6	Mounting Cords for CALL DIRECTOR® Telephone Sets
501-140-106	4	Mounting Cords for 10- and 20- Button Telephone Sets — Identification
501-140-107	5	Mounting Cords for Telephone Consoles
501-140-108	3	Handset Cords — Message Waiting
501-140-120	7	Test Set and Miscellaneous Cords for Station Use — Identification
501-144-100	7	Cord Reels — 2-, 3-, and 5-Type — Identification
501-150-100	7	Station Number Cards — Identification and Installation
501-150-101	4	Transparent Windows for Turn-button and Key Telephone Sets — Identification
501-150-102	6	Designation Strip and Cards
501-160-100	10	Dial Mounting and Dial Adapters
501-162-100	15	Station Dials — 6, 7, and 8 Types — Identification and Maintenance
501-162-101	8	9-Type Station Dials — Identification and Maintenance
501-162-102	6	Station Dials — 10- and 11-Type — Identification and Maintenance
501-162-103	3	Station Dials — Touch-Tone Type — Selection
501-163-100	1	Station Dials — 40 Type
501-163-101	4	Station Dials — 41-Type — Identification, Operation, and Maintenance
501-164-101	3	Station Dials — 21 Type — Identification and Maintenance

Number	Issue	Subject	Number	Issue	Subject
501-164-102	5	Station Dials — 22-Type — Identification and Maintenance	501-165-102	4	43B and 53B Station Dials — Identification, Installation, Operation, Connections, and Maintenance
501-164-103	1	Station Dials — 23 Type	501-165-110	4	Station Dial — 53A
501-164-105	5	Station Dials — 25-Type — Identification and Maintenance	501-165-115	3	Station Dials — 70-Type — Identification and Maintenance
501-164-106	4	Station Dials — 26 Type — Identification, Operation, Maintenance, and Connections	501-165-117	3	72-Type Station Dials — Identification, Connections, and Maintenance
501-164-108	1	Station Dials — 28A — Identification and Maintenance	501-165-118	1	73-Type Station Dials — Identification and Maintenance
501-164-115	10	35-Type Station Dials — Identification and Maintenance	501-165-180	4	Station Dials — 80, 82, and 83 Types — Identification and Maintenance
501-164-116	3	Station Dials — 36-Type — Identification, Operation, Maintenance, and Connections	501-165-200 IS	2	300- and X300-Type Station Dials — Identification, Connections, and Replacement
501-164-117	1	Station Dials — F-58553 — Identification, Maintenance, and Connections	501-166-100	2	Tone Detector-1A350
501-164-118	1	Dial — 51A — Identification, Operation, and Maintenance	501-170-100	1	61-Type Filters — Identification
501-164-128	2	Station Dials — 1025-Type — Identification, Installation, Maintenance, and Connections	501-170-200	1	61-Type Filters — Installation and Maintenance
501-164-130	12	Station Dials — 1035 and F-56309 Types — Identification and Connections	501-185-100	8	Modification Kits — Selection
501-164-131	6	Station Dials 1036 and F-56310 Types — Identification and Connections	501-186-100 IS	1	Z34A Message Waiting Indicator — Identification, Installation, Operation, and Maintenance
501-164-132	1	F-58556 Station Dial	501-2 Handsets, Receivers, Transmitters, and Ringers		
501-164-133	2	Station Dial — 1037B — Identification, Connections, and Maintenance	501-210-101	4	Handsets — F-Series — Identification, Maintenance, and Connections
501-164-201	5	870A1 and 2870A1 Touch-a-Matic® 32 Automatic Dialer — Identification, Installation, Connections, Operation, and Maintenance	501-210-102	9	G3, G4, G5, and G11-Type Handsets — Identification, Maintenance, and Connections
501-164-202	4	870B1M and 2870B1M Touch-A-Matic® — 32 Automatic Dialer — Identification, Installation, Connections, Operation, and Maintenance	501-210-103	7	Handset G12A, G15A, and G15Y — Identification, Connections, and Maintenance
501-164-203	2	1200AR1 and 1200AT1 Touch-A-Matic® 12 Automatic Dialer — Identification, Installation, Connections, Operation, and Maintenance	501-210-104	3	Handset-J1A
501-165-101	4	Station Dial — 43A	501-210-105	3	K-Type Handsets — Identification, Connections, and Maintenance
			501-210-110	3	M1A and M2A Handsets — Identification, Connections, and Maintenance
			501-210-120	1	Handsets — KS-16504 Type — Identification, Connections, and Maintenance
			501-210-125 IS	1	N-Type Handsets Identification, Connections, and Maintenance

Number	Issue	Subject
501-210-130	1	R-Type Handsets — Identification, Maintenance, and Connections
501-211-102	6	G6, G7, G8, G13, G66-, and K6-Type Handsets (Amplifier) — Identification, Connections, Conversion, and Maintenance
501-211-103	2	G36-Type Handsets — Identification, Connections, and Maintenance
501-220-100	11	Receiver, Receiver Unit, and Holders — Selection
501-225-100	6	KS-14720, List 2 Headset — (Bone Conduction Receiver) — Identification, Connections, and Maintenance
501-226-100	4	Amplifiers — 238, 276, and 277 Types — Identification and Installation
501-226-101	4	Amplifiers — 151-, 241-, and 242-Type — Identification
501-226-102	1	Amplifiers — 315-Type
501-230-100	9	Transmitters and Transmitter Units — Identification, Installation, and Maintenance
501-230-101	1	Telephone Sets Modified for Transmitter Cutoff Using Exclusion Switch — Identification and Connections
501-250-100	4	Ringers — B, C, and D Types — Identification
501-250-300	1	Ringers — General Maintenance and Ringing Tests
501-250-301	1	Ringers — Numbered Type — Maintenance
501-250-302	2	Ringers — B-Type — Maintenance
501-250-303	4	Ringers — C-Type — Maintenance
501-250-304	4	Ringers — D1-Type — Maintenance
501-251-100	10	Ringer — E1-Type
501-252-100	9	F1A Ringer
501-252-400	3	Service — F1A Ringer
501-253-100	3	G1-Type Ringers — Identification and Maintenance
501-254-100	2	H1-Type Ringer — Identification and Maintenance
501-256-100	1	J1A Ringer — Identification and Maintenance

Number	Issue	Subject
501-258-101	5	L1A-Type Ringers — Identification, Installation, Connections, and Maintenance
501-258-400	1	Service Ringer — L1A
501-259-100	6	M- and N-Type Ringers — Identification and Maintenance
501-259-101	9	P-Type Ringers — Identification and Maintenance
501-260-100	4	S1A and S1AM Tone Ringer — Identification, Installation, Connections, and Maintenance
501-260-110	2	T1A Ringer — Identification and Maintenance
501-260-111	2	CSW1A Tone Ringer — Identification, Installation, Connections, and Maintenance

501-3 Electron Tubes, Polarity Guards, Varistors, Ringer Isolators, and Termination Units

501-320-100	5	Diodes Used for Ringing — Identification, Installation, and Connections — (425A, 426A Tubes, and 426N Diode, 813BH Diode)
501-321-100	7	Polarity Guards — Identification
501-322-100	1	Ringing Range Extender — 10A — Identification, Installation, and Connections
501-322-101	3	11A and 11B Ringing Range Extenders
501-370-100	5	Diodes and Varistors — Identification
501-375-100	3	Ringer Isolator — (D-180036 Kit of Parts)
501-375-101	3	28A Ringer Isolator
501-376-100	3	D-180489 Kit of Parts
501-380-100	2	1A Termination Unit
501-380-102	1	603A Ringing Extender

501-4 Telephone Units and Mountings For Customer-Owned Enclosures

501-410-101	2	F-56659 and F-56660 Telephone Set Components for Installation in Customer- Provided Housings — Identification, Installation, Connections, and Maintenance
501-410-400	1	F-56659 and F-56660 Components for Customer-Owned Housings

Number	Issue	Subject
501-415-101	1	Telephone Sets and Bases (Less Housings) and Apparatus Units in Customer-Owned Enclosures — Identification, Installation, Selection, Connections, and Maintenance
501-420-101	2	Telephone Set Components — Dials, Dial Mountings, Keys, Key Mountings, and Line Switches for Installation in Customer-Owned Enclosures — Identification, Installation, Connections, and Maintenance
501-420-102	2	Telephone Set Components — Amplifiers, Cord Reels, Handsets, Loudspeakers, Networks, Ringers, and Transmitters in Customer-Owned Enclosures — Identification, Installation, Connections, and Maintenance

501-5 Business Systems Components Source Information

501-501 Roadrunner Source Books

501-501-000	10/91 Roadrunner Document Set
	NOTE: This document includes:
518-600-130	518-600-131
518-600-132	518-010-130
518-453-130	555-500-130
555-200-130	555-201-130
555-100-130	518-810-130

Division 502**Common Battery Station Sets****502-0 Indexes****502-1 General Information****501-2 Subscriber Sets****502-3 Hand Telephone Sets, Terminals, and Bases****502-4 Telephone Sets — 300, 400, and 5300 Series and Ks Series For Explosive Atmospheres****502-5 Telephone sets — 500, 1500, and 2500 Series****502-6 Telephone Sets — 600, 1600, 2600 Series****502-7 Telephone Sets — 700, 1700, 2700 Series**

Number	Issue	Subject
502-0 Indexes		
502-000-000	2	Numerical Index — Division 502 — Common Battery — Station Sets
502-000-001	3	Single Line — 0 Button Telephone Sets — Selection
502-000-002	3	Two-Line and One Button Telephone Sets — Selection
502-000-003	2	Multiline — 4 and 6 Button Telephone Sets — Selection
502-000-004	2	Special Purpose Single-Line Telephone Sets — Selection
502-000-010	2	Call Director® Telephone Sets — Selection
502-000-111	2	660, 1660, and 2660 Series — Card Dialer — Telephone Sets — Selection

502-1 General Information

502-110-100	4	Key Telephone Sets — Standard Features and Options — Basic Wiring Requirements
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Number**Issue****Subject**

Addendum	1	
502-110-102	4	Nonkey Telephone Sets — Conversion for Use With 1A1 or 1A2 Key Telephone Systems
502-120-200	5	Telephone Sets and Associated Station Apparatus — Selection of Indoor Locations
Addendum	1	
502-120-201	3	Indoor Location — Installation
502-120-202	3	Selecting Outdoor Locations
502-120-203	3	Use of Station Sets in Refrigerated Rooms

502-2 Subscriber Sets

502-200-100	7	531-, 584-, 592-, 634-, 684-, 685-, 686-, and 687-Type Subscriber Sets — Identification
502-200-101	6	691A — Identification
502-200-102	4	688, 690, 1690, and 2690 Types — Identification
502-200-200	2	Loud Ringing Bells Installation
502-200-300	5	Maintenance
502-200-400	3	634A, BA, C; 684A, BA, C — Common Battery — Induction Coil Type — Used with Hand Telephone Sets — Connections
502-200-401	5	634AT — Common Battery — Induction Coil Type — Connections
502-200-402	3	634BC and 684BC — Common Battery — Induction Coil Type — Used with Hand Telephone Sets — Connections
502-200-403	4	634CE — Common Battery — Induction Coil Type — Connections
502-200-404	9	685A — Used With Hand Telephone Sets — Connections
502-200-405	1	685C
502-200-406	5	686A — Used With Handsets — Connections
502-200-407	1	687D
502-200-408	6	688, 690, 1690, and 2690 Types — Connections
502-200-410	1	689A1, 689C1, 689D1, 689E1, 689A2, 689C2, 689D2, and 689E2 — Connections

Number	Issue	Subject	Number	Issue	Subject
502-201-100	4	694 Type	502-320 Service Practices		
502-201-102	1	695 Type	200 Series		
502-201-105	4	698A (Code-Com Set) — Identification, Installation/Test, Connections, and Maintenance	502-320-400	2	211-Type
502-203-100	2	700 Type — Identification, Installation, Connections, and Maintenance	502-320-401	2	212L
502-204-100	2	SLC® -1 — Subscriber Equipment	502-320-410	1	201A, B, C, and D
502-204-200	1	Data SLC® Carrier System — Local Area Data Transport (LADT) Network — Installation, Maintenance and Tests — Customer Premises Equipment	502-320-411	1	211A, B, C, and D
502-210-400	3	392, 531, 534, 584, 592, 684, and 687 Types — Connections	502-320-412	1	212A, B, and C
502-3 Hand Telephone Sets, Terminals, and Bases			502-320-413	1	213A, B, C, and E
502-301/302 Reference Practices			502-320-414	1	202A, B, C, and D
200 Series			502-320-415	1	203A, B, C, D, E, and F
502-301-100	1	201A, B, C, D; 211A, B, C, D; 212A, B, C; 213A, B, C, E	502-320-416	1	215A, B, C, and D
502-301-101	1	211-Type	502-322/330 Telephone Bases, Transaction Terminal Sets, and Bases		
502-301-102	2	212L and M	Addendum	2	
502-301-103	1	202A, B, C, D; 203A, B, C, D, E, F; 215A, B, C, D	502-322-400	10	AC- and AD-Type Telephone Bases With 220-, 226-, 2220-, and 2226-Type Hand Telephone Sets — Connections
502-301-104	1	223-Type	502-323-400	3	5000AM Transaction Telephone Set Base With 220- or 2220-Type
2200 Series			502-323-401	1	5100AM Transaction Telephone Set Base With 220- or 2220-Type Hand Telephone Set
502-302-101	3	2211 and 2212	502-323-402	2	500A Transaction III Terminal Set
220-, 1220-, and 2220-Type			502-323-403	3	5100BM Transaction Telephone Set Base With 220- or 2220-Type Hand Telephone Set — Used With or Without 5000A or 5000A2 Printer — Identification, Installation, Connections, Testing, and Maintenance
Addendum	2		502-330-100	4	AL1 Telephone Base — Identification, Installation, Connections, and Maintenance
502-303-101	8	AC- and AD-Type Telephone Bases With 220-, 226-, 2220-, and 2226-Type Hand Telephone Sets — Identification, Installation, Connections, and Maintenance	502-4 Telephone Sets — 300, 400, AND 5300 Series and KS Series For Explosive Atmospheres		
502-303-102	3	220-, 226-, 2220- and 2226-Type Hand Telephone Sets — Identification, Installation, Connections, and Maintenance	502-400-100	2	Telephone Sets for Indoor Locations — 300 Series — Identification and Assembly of Parts
			502-400-101	2	5300 Series — Identification and Assembly of Parts
			502-400-300	3	300 Series — Maintenance

Number	Issue	Subject
502-400-301	2	5300 Series — Maintenance
502-400-400	2	302AA, AC — Common Battery — Connections
502-400-401	2	302E, G; 5302G — Common Battery — Connections
502-400-402	5	304A, C; 5304C — Common Battery — Connections
502-400-403	2	305E, G — Common Battery — Connections
502-400-404	5	306A, C; 5306C (Tube Sets) — Common Battery — Connections
502-400-405	1	306A, C (Tube Sets) — Common Battery — Connections — Conversion for Use with Individual Lines and Two-Party Service
502-400-406	3	306G (Tube Set) — Common Battery — Connections
502-400-407	4	329 Type — Identification, Maintenance, and Connections
502-400-408	2	332A, C (Amplifier Sets) — Common Battery — Connections
502-400-409	4	334C (Amplifier Set) — Connections
502-400-410	3	354A, C — Connections
502-400-411	1	356A, C (Tube Sets) — Common Battery — Connections
502-402-100	5	322-Type
502-402-105	1	325-Type — Identification, Installation, and Maintenance
502-410-400	3	300, 325 Types — Outdoor Locations — Connections
502-415-100	6	Explosive Atmospheres — General Requirements
502-415-200	1	320 Type — Explosive Atmospheres — Installation, Connections, and Maintenance
502-415-201	4	KS-14476, Lists 1 and 2 — Explosive Atmospheres — Identification, Connections, and Maintenance
502-415-202	2	KS-14548 — Explosive Atmospheres — Installation, Maintenance, and Connections
502-415-203	4	520-Type Telephone Sets — Explosive Atmospheres — Identification, Installation, Connections, and Maintenance
502-415-204	4	2520B Telephone Set — Explosive Atmospheres — Identification, Installation, Connections, and Maintenance (9/81)

Number	Issue	Subject
502-430-100	1	401, 402, 410, 411, and 412 Types — Identification and Assembly of Parts
502-430-300	1	401, 402, 410, 411, and 412 Types — Maintenance
502-430-400	1	401, 402, 410, 411, 412 and 5410 Types — Common Battery — Connections
502-435-100	1	440, 460 Types — Identification and Assembly of Parts
502-435-300	1	440, 460 Types — Maintenance
Addendum	1	
502-435-400	3	440 and 460 Series — Common Battery — Connections
502-435-401	1	Service — 462AC and 466AC

502-5 Telephone Sets — 500, 1500, AND 2500 Series

502-500-110	4	0- and 1-Button — Common Installation and Maintenance Information
502-500-120	5	540, 560, 1560, and 2560 — Common Installation and Maintenance Information

502-501/503 Reference Practices

500 Series

502-501-100	1	554 BMS and 2554 BMS Telephone Sets — Identification, Installation, and Maintenance
502-501-101	8	500C/D, 500DM, 501C/D, 554A/B, 554F, 554BM, 554BMP, 554BMPA and 556A/B Telephone Sets — Identification, Installation, Connections, and Maintenance
502-501-102	4	502, 510, 511, 515, 555, and 558-Type — Identification, Operation, Installation, and Maintenance
502-501-104	3	540, 543, 544, and 545
502-501-105	6	Reference — 563HB-, 564HL-, 566MD-, 568H-Type Telephone Sets — Identification
502-501-106	7	565-Type — Identification
502-501-115	4	500AD, ADM, E/F, FM, H, L/M, MM, P, R/S, SM, U, W/Y, YM, 501F, P, U, 514B, BM, and 516B Telephone Sets — Identification, Installation, Maintenance, and Connections

Number	Issue	Subject	Number	Issue	Subject
502-501-116	1	507, 509, 532, 533, 535, 536, 557 and 559	502-520/523 Single Line-Service Practices 500 Series		
502-501-117	6	Reference — 525- and 526-Type Telephone Sets—Identification, Installation, Connections, and Maintenance	502-521-401	2	500A/B
502-501-119	3	570 (Emergency Reporting)	502-521-402	5	500C/D and 500DM — Telephone Sets — Connections
502-501-120	8	503B, 503C, 503CM, and 513B	502-521-403	2	500J/K
502-501-121	2	529B and 529BM	502-521-404	2	501A/B
502-501-122	2	567PB, 569NB, and 569NBM	502-521-405	4	501C/D and 501CM/DM
1500 Series			502-521-406	2	501J/K
502-502-101	1	1500D and 1554B	502-521-410	6	554A/B, 554F, 554AM, 554BM, 554AMP and 554BMP — Telephone Sets — Connections
502-502-102	1	1502, 1510, 1511, 1515, 1555, and 1558-Type	502-521-411	5	556A/B Connections
502-502-103	1	1563, 1564, and 1568-Type	1500 Series		
502-502-104	1	1565-Type	502-522-401	2	1500D
502-502-110	1	1500M, 1500S, 1500Y, and 1514B	502-522-402	3	1554B
2500 Series			2500 Series		
502-503-101	10	2500- and 2554-Type Telephone Sets — Identification, Installation, Maintenance, and Connections	502-523-401	9	Service — 2500D, 2500DM, and 2500DMG — Connections
502-503-102	6	2502-, 2510-, 2511-, 2515-, 2555-, and 2558-Type Telephone Sets — Identification, Installation, Operation, Maintenance, and Connections	Addendum	2	
502-503-103	5	Reference — 2563HB-, 2564HL-, and 2568HAA-Type Telephone Sets — Identification	502-523-402	10	Service — 2554B, 2554BM, 2554BMP, and 2554BMPG — Connections
502-503-104	6	Reference — 2565-Type Telephone Sets — Identification	502-531/533 Two Line One Button-Service Practices 500 Series		
502-503-110	9	2500M/MM/MMG, 2500S/SM, 2500Y/YM/YMG, and 2514B/BM/BMG Telephone Sets — Identification, Installation, Connections, and Maintenance	502-531-401	4	502A/B and 502BM
502-503-120	8	Reference — 2503-Type — Identification and Connections	502-531-402	7	510A, B, E, F, and FM
Addendum	1		502-531-403	2	511A/B
502-503-125	6	Reference — 2526B, 2526BM, or 2526BMG Telephone Set—Identification, Installation, Connections, and Maintenance	502-531-404	2	511C/D
502-503-130 IS	1	2500 DMGC Analog Telephone Set With Message Waiting, Timed Recall, and Three Level Volume Control	502-531-405	6	511F, 511H, and 511HM
			502-531-406	4	515B and 515BM
			502-531-407	5	555B, 555BM, and 555BMP
			502-531-408	2	558A/B
			502-531-409	2	558C/D
			502-531-410	5	558F and 558FM
			1500 Series		
			502-532-401	2	1502B
			502-532-402	2	1510F
			502-532-403	2	1511D
			502-532-408	2	1511F/H

Number	Issue	Subject	Number	Issue	Subject
502-532-409	2	1515B	502-541-420	1	568HB
502-532-410	2	1555B	502-541-423	1	568HF and 568HR
502-532-411	3	1558D	502-541-425	4	Service — 568HAA, 568HAAM, and 568HAAMS Telephone Set — Maintenance and Connections
2500 Series			502-541-429	1	567PB
502-533-401	5	Service — 2502B, 2502BM, and 2502BMG — Connections	502-541-430	2	569NB and 569NBM
502-533-402	6	Service — 2510F, 2510FM, and 2510FMG — Connections	1500 Series		
502-533-403	4	2511F, 2511H, and 2511HM	502-542-400	1	1563HB
502-533-404	5	Service — 2515B, 2515BM, and 2515BMG — Connections	502-542-402	1	1564HK and 1564HL
502-533-405	4	Service 2555B, 2555BM, 2555BMP, and 2555BMPG Telephone Sets — Connections	502-542-403	1	1565GK
502-533-406	6	Service — 2558D, 2558DM, and 2558DMG Telephone Set — Connections	502-542-404	1	1565HK
502-541/543 Multiline-Service Practices			502-542-405	1	1565LK
500 Series			502-542-406	1	568HT and 1568HT
502-541-401	1	540B	2500 Series		
502-541-402	1	544-Type	502-543-400	5	2563HB, 2563HBM, and 2563HBMS — Maintenance and Connections
502-541-403	1	545-Type	502-543-402	6	Service — 2564HL, 2564HLM, and 2564HLMS Telephone Sets — Maintenance and Connections
502-541-404	5	Service — 563HB, 563HBM, and 563HBMS — Maintenance and Connections	502-543-403	7	2565GK and 2565GKM, and 2565GKMS — Connections
502-541-405	1	564B, 564C, 564D, and 564H	502-543-405	9	2565HK, 2565HKM, and 2565HKMS — Connections
502-541-406	2	564HD	502-543-406	9	Service — 2565LK, 2565LKM, and 2565LKMS Telephone Sets — Connections
502-541-407	5	564HK, 564HL, 564HLM and 564HLMS — Connections and Maintenance	502-543-410	4	2568HAA and 2568HAAM, and 2568HAAMS Telephone Set — Maintenance and Connections
502-541-408	1	565A, 565B, 565E, 565G, 565H, and 565L	502-580/582 Special Purpose-Service Practices		
502-541-410	2	565HD	500 Series		
502-541-412	1	565LDR	502-580-401	3	500AD and 500ADM
502-541-414	7	565GK, 565GKM, and 565GKMS — Connections	502-580-402	4	500E/F and 500FM Telephone Sets — Connections
502-541-415	8	Service — 565HK, 565HKM, and 565KKMS Telephone Sets — Connections	502-580-403	3	501F and 501FM
502-541-416	8	Service 565LK, 565LKM, and 565LKMS Telephone Sets — Connections	502-580-404	2	500H
502-541-419	3	Service — 566MDM, 566DM Telephone Sets and 6040D, 6041D, 6040K, 6041K Keys — Connections	502-580-405	4	500L/M and 500MM
			502-580-406	2	500P
			502-580-407	2	501P

Number	Issue	Subject	Number	Issue	Subject
502-580-408	6	500R/S and 500SM	502-6 Telephone Sets — 600, 1600, 2600 Series		
502-580-409	2	500U	502-600-100	4	630-, 1630-, and 2630-Series — Common Installation and Maintenance
502-580-410	2	501U	502-600-102	2	660, 1660, and 2660
502-580-411	4	Service — 500W/Y and 500YM — Connections	502-601/603 Reference Practices		
502-580-412	5	514B and 514BM	600 Series Call Director Sets and Card Dialers		
502-580-425	1	507 A/B	502-601-100	6	630, 631, and 632-Type
502-580-426	1	509 A/B	502-601-101	8	608-, 618-, 634-, 635-, 636-, 637-, 638-, 639-, 682-, and 683-Type Telephone Sets — Identification
502-580-427	1	532 A/B	502-601-102	2	609, 617, and 625-Type — Identification
502-580-428	1	533 A/B	502-601-120	3	660 and 663-Type
502-580-429	1	535 A and B	502-601-121	1	660A1M
502-580-430	1	536 A/B	502-601-130	3	661, 662, and 664-Type
502-580-431	3	543DB, 543DBC, and 543DBM	502-601-131	1	662A1M
502-580-432	1	557 A/B	1600 Series Call Director Sets and Card Dialers		
502-580-433	1	559 A/B	502-602-100	2	1630, 1631, and 1632-Type
502-580-436	3	529B and 529BM	502-602-101	1	1634, 1635, 1636, 1637, 1638, and 1639-Type
502-580-437	2	525A/B	502-602-120	1	1660 and 1663-Type
502-580-438	8	Service — 526A/B and 526AM/BM — Connections	502-602-121	1	1662 and 1664-Type
Addendum	1		2600 Series Call Director Sets and Card Dialers		
502-580-455	3	570	502-603-100	5	2630-, 2631-, and 2632-Type — Identification
502-580-460	4	503B and 503CM	502-603-101	8	2634-, 2635-, 2636-, 2637-, 2638-, 2639-, 2682-, and 2683-Type — Identification
502-580-461	2	513B and 513BM	502-603-120	3	2660 and 2663-Type
502-580-463	1	516B	502-603-121	2	2660A1M
1500 Series			502-603-130	2	2662 and 2664-Type
502-581-400	2	1500M	502-603-131	2	2662A1M
502-581-401	2	1500S	502-610/619 Service Practices		
502-581-402	2	1500Y	600 Series Call Director Sets		
502-581-403	2	1514B	502-610-400	1	608 and 618-Type
2500 Series			502-610-401	2	609-Type
502-582-400	6	Service — 2500M, 2500MM, and 2500 MMG — Connections			
502-582-402	5	2500S and 2500SM			
502-582-403	5	Service — 2500Y, 2500YM, and 2500YMG — Connections			
502-582-404	7	Service — 2514B, 2514BM, and 2514BMG — Connections			
Addendum	2				
502-582-415	7	2526B, 2526BM, and 2526BMG Telephone Sets — Connections			

Number	Issue	Subject
Addendum	1	
502-610-402	1	617-Type
502-610-403	1	621-Type
502-610-404	1	622-Type
502-610-405	1	625A1
502-610-406	2	630A, B, C, D, and 631A, B, C, D
502-610-407	8	630DA, 630DAM, 630DAMS1, 631DA, 631DAM, and 631DAMS1 — Connections
502-610-408	1	632-Type
Addendum	1	
502-610-409	2	634A, B, C, D and 635A, C, D
502-610-410	2	636A, B, C and 637A, B, C, D
502-610-411	1	638 and 639-Type
502-610-412	6	682AA, 682AAM, 682AAMS, 683AA, 683AAM, and 683AAMS — Connection and Maintenance
502-610-413	2	637EA13 and 637EAM13
502-610-417	6	634DA, 634DAM, 634DAMS, 635DA, 635DAM, and 635DAMS — Connections and Maintenance
502-610-418	8	Service 636CA, 636CAM, 636CAMS, 637DA, 637DAM, and 637DAMS Telephone Sets — Connections and Maintenance
502-610-419	5	638CA, 638CAM, 638CAMS, 639DA, 639DAM, and 639DAMS — Connections and Maintenance

1600 Series Call Director Sets

502-611-400	1	1630- and 1631-Type
502-611-401	1	1632-Type
502-611-402	1	1634 and 1635-Type
502-611-403	1	1636 and 1637-Type
Addendum	1	
502-611-404	1	1638C and 1639D

2600 Series Call Director Sets

502-612-400	3	2630D and 2631D
502-612-401	7	2630- and 2631-Type — Connections and Maintenance
502-612-402	1	2632-Type
502-612-403	2	2634D and 2635D

Number	Issue	Subject
502-612-404	1	2636 and 2637-Type
Addendum	1	
502-612-405	1	2638C and 2639D
502-612-409	6	2634- and 2635-Type — Connections and Maintenance
502-612-410	7	Service — 2636- and 2637-Type Telephone Sets — Connections and Maintenance
502-612-411	5	2638- and 2639-Type — Connections and Maintenance
502-612-425	6	2682- and 2683-Type — Connections and Maintenance

600 Series Card Dialers

502-617-400	3	660-Type
502-617-401	1	661-Type
Addendum	1	
502-617-402	2	662-Type
502-617-403	2	663-Type
502-617-404	2	664-Type
502-617-405	1	660A1M
502-617-406	1	662A1M

1600 Series Card Dialers

502-618-400	1	1660-Type
502-618-402	1	1662-Type
502-618-403	1	1663-Type
502-618-404	1	1664-Type

2600 Series Card Dialers

502-619-400	2	2660-Type
502-619-402	2	2662-Type
502-619-403	1	2663A1
502-619-404	2	2664-Type
502-619-405	2	2660A1M
502-619-406	2	2662A1M

502-650 Call-A-Matic® Telephone Sets

Addendum	1	
502-650-100	2	1671A-Type — Identification, Installation, Operation, Maintenance, and Connections
502-690-100	1	F-58554
502-690-101	1	F-58555 — Identification, Installation, Connections, and Maintenance

Number	Issue	Subject	Number	Issue	Subject
502-7 Telephone Sets — 700, 1700, 2700 Series			502-705-102	2	752 and 754-Type
502-700/707 Reference Practices			502-705-103	1	753-Type
750, 1750, and 2750 Series			1750 Series		
502-700-102	1	Common Installation and Maintenance Information	502-706-100	1	1750-Type
700 Series			502-706-101	1	1751-Type
502-701-100	9	Reference — 702B and 702BM Telephone Sets — Identification, Installation, Connections, and Maintenance	502-706-102	1	1752-Type
Addendum	1		502-706-103	1	1753-Type
502-701-101	3	References — 712B and 712BM Telephone Sets	2750 Series		
Addendum	1		502-707-100	5	Reference — 2750-Type Telephone Sets
502-701-103	5	References — 701D, 702D, 711B, 713B, and 713BM Telephone Sets — Identification, Installation, Maintenance, and Connections	502-707-101	3	Reference — 2751-Type Telephone Sets
1700 Series			502-707-102	4	2752- and 2754-Type Telephone Sets — Identification
502-702-100	1	1702B	502-707-103	1	2753-Type
502-702-101	1	1712B	502-721/729 700, 1700, 2700 Service Practices		
502-702-103	2	1702D and 1713B	502-721-401	3	701B
2700 Series			Addendum	2	
Addendum	1		502-721-402	7	702B and 702BM — Connections
502-703-100	8	Reference 2702B, 2702BM, and 2702BMG Telephone Sets — Identification, Installation, Maintenance, and Connections	502-722-401	3	1702B
502-703-101	6	Reference — 2712B and 2712BM — Identification, Installation, Maintenance, and Connections	502-723-401	10	2702B, 2702BM, and 2702BMG Telephone Sets — Connections
502-703-103	5	2702D, 2702DM, 2713B, and 2713BM — Identification, Installation, Maintenance, and Connections	502-724-401	4	712B and 712BM
750 Series			502-725-401	2	1712B
502-705-100	4	750-Type	502-726-401	5	2712B and 2712BM
502-705-101	2	Reference — 751-Type Telephone Sets	502-727-401	2	701D
			502-727-402	7	702D
			502-727-403	2	711B
			502-727-404	6	Service — 713B and 713BM — Connections
			502-728-401	4	1702D
			502-728-402	2	1713B
			502-729-401	6	2702D and 2702DM
			502-729-402	6	2713B and 2713BM — Connections
			502-730/741 750, 1750, 2750 Service Practices		
			502-730-401	5	750-Type
			502-731-401	2	1750A/B

Number	Issue	Subject
502-732-401	7	Service 2750A, 2750B, 2750AM, 2750BM, 2750AMG, and 2750BMG Telephone Sets — Connections
502-733-401	3	Service — 751-Type Telephone Sets
502-734-401	2	1751C and D
502-735-401	4	Service — 2751-Type Telephone Sets — Connections
502-736-401	2	752-Type
502-736-402	2	754-Type
Addendum	1	
502-737-401	1	1752-Type
502-738-401	4	2752-Type
502-738-402	4	2754-Type
502-739-401	2	753A and B
502-740-401	2	1753A and B
502-741-401	2	2753A and B

502-750 755 and 758 Series

Reference

502-750-105	3	755A and 755AM
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Service

502-750-405	3	755A and 755AM
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Division 503**Modular Station Sets****503-0 Index****503-1 General Information and Telephone Sets — User Manuals (Owner & Reference)****503-2 Design Line® Telephone****503-3 Telephone Sets — 0- AND 1-Button; Desk, Wall and Panel Types****503-4 Electronic Telephone Sets****503-5 Telephone Sets — Automatic Dialers****503-6 Telephone Sets — 6-Button; Desk, Wall, and Panel Types****503-7 Telephone Sets — 10- AND 20-Button; Desk and Wall Types****503-8 Wireless/Cordless Telephones**

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503-000-000	92	Numerical Index — Division 503 — Modular Station Sets
503-1 General Information and Telephone Sets — User Manuals (Owner & Reference)		
503-100-100	5	Telephone Sets — Modular Type
503-100-110	3	Telephone Set Bases — Kit Plan — Identification, Installation, Connections, and Maintenance
503-100-120	4	581A Telephone Set Bases
503-100-129	1	2991A/B-, 2992A-, and 2993A-Type Multibutton Electronic Telephone (MET) Sets
503-100-130	5	2991C/D-, 2992C-, 2993C-, and 2994C-Type Multibutton Electronic Telephone (MET) Sets — General Description

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503-200-100	5	900A, 900B, 2900A, and 2900B-Type Telephone Sets — Identification, Installation, and Connections
503-200-101	3	910A and 2910A — Identification, Installation, and Connections
503-200-102	1	902A1 and 2902A1
503-200-103	6	930A-, 930B-, 2930A-, 2930B-, and 2931B-Type Telephone Sets — Identification, Installation, and Connections
503-200-104	4	940-Type Telephone Sets — Identification, Installation, and Connections
503-200-105	1	Telephone Sets — 911A1 and 2911A1
503-200-106	6	921A, 921B, 2921A and 2921B — Telephone Sets — Identification, Installation, and Connections
503-200-107	4	881A100, 881B100, 881C100, 881A101, 881B101, 881C101, 881B110, 881C110, 2881A100, 2881B100, 2881C100, 2881A101, 2881B101, 2881C101, 2881B110, and 2881C110 Telephone Sets — Identification, Installation, and Connections
503-200-108	3	881A102, 881B102, 881A103, 881B103, 881A104 and 881B104
503-200-109	3	881A105, 881A106, 881A107, 881A108, 881B105, 881B106, 881B107, 881C105, 881C107, and 881C108 Telephone Sets — Identification, Installation, and Connections
503-200-110	2	882A200 Telephone Sets
503-200-111	2	881B109, 881C109, 2881B109, and 2881C109
503-200-112	2	Telephone Sets — 881C111 and 2881C111
503-200-113	2	D-180574 Telephone Set
503-200-114	2	950A- and 2950A-Type Telephone Sets — Identification, Installation, Connections, and Maintenance

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503-200-116	2	CS952A1-03 Telephone Set — Identification, Mounting, Connections, and Maintenance
503-200-117	1	CS2881CG113 Telephone Set — Identification, Connections, and Maintenance
503-200-118	3	CS2903AG1-58 and CS2903AG2-58 Telephone Sets — Identification and Maintenance
503-200-119	1	CS881C100, CS881C101, CS2881CG100, and CS2881CG101 Telephone Sets — Identification, Connections, and Maintenance
503-200-120	1	CS881C102, CS881C103, and CS881C104 Telephone Sets — Identification, Connections, and Maintenance
503-200-121	1	CS881C105, CS881C107, CS881C108, and CS2881CG112 Telephone Sets — Identification, Connections, and Maintenance
503-200-122	1	CS881C109 and CS2881CG109 Telephone Sets — Identification, Connections, and Maintenance
503-200-123	1	CS881C111 and CS2881CG111 Telephone Set — Identification, Connections, and Maintenance
503-200-124	1	CS882B200 Telephone Set — Identification, Connections, and Maintenance
503-200-125	1	CS900B-, CS953A-, CS2900BG-, and CS2953AG-Type Telephone Sets — Identification, Connections, and Maintenance
503-200-126	1	CS902A1 and CS2902AG1 Telephone Set — Identification, Connections, and Maintenance
503-200-127	1	CS910A10, CS910A11, CS2910AG10, CS2910AG11, and CS2883AG300 Telephone Sets — Identification, Connections, and Maintenance
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Number	Issue	Subject
503-200-129	1	CS940- and CS2940-Type Telephone Sets — Identification, Connections, and Maintenance
503-200-130	1	CS950A- and CS2950A-Type Telephone Sets — Identification, Connections, and Maintenance
503-200-131	1	CS951A1-03 and CS2951AG1-03 Telephone Sets — Identification, Connections, and Maintenance
503-200-132	1	CS2941AG1 Telephone Set — Identification, Connections, and Maintenance
503-200-133	2	CS2954AG1-58 Telephone Set — Identification and Maintenance
503-200-134	2	CS2905AG1-58 Telephone Set — Identification and Maintenance
503-200-135	1	CS2884AG100 Telephone Set — Identification, Connections, and Maintenance
503-200-144	1	CS2942A1G-03 Telephone Set — Identification, Connections, and Maintenance

503-3 Telephone Sets — 0- AND 1-Button; Desk, Wall, and Panel Types

503-300-100	5	870A1M and 870A2M Touch-A-Matic® 32 Telephone Set — Identification, Installation, Connections, Operation, and Maintenance
503-300-101	5	2870A1M and 2870A2M TOUCH-A-MATIC 32 Telephone Set — Identification, Installation, Connections, Operation and Maintenance
503-301-100	5	960A01M — Touch-A-Matic 16 Telephone Set — Identification, Installation, Connections, Operation, and Maintenance
503-301-101	5	2960A01M — TOUCH-A-MATIC 16 Telephone Set — Identification, Installation, Connections, Operations, and Maintenance

Number	Issue	Subject	Number	Issue	Subject
503-4 Electronic Telephone Sets			503-402-110 IS 1		
503-400-100	2	5001T01A Touch-A-Matic Telephone Set, S Series — Identification, Installation, Connections, Operation, and Maintenance	700 Series Telephones		
503-400-200	2	5011T01A Touch-A-Matic Telephone Set, S Series — Identification, Installation, Connections, Operation, and Maintenance	503-404-010	1	Using the Feature Telephone 700 with Centrex Services
Addendum IS	1		503-404-020	1	Using the Speakerphone 720 and Two-Line Speakerphone 722 with Centrex Services
503-401-100 IS	1	7101A01A Telephone Set — Identification, Installation, Operation, and Maintenance	503-404-030	1	Using the Two-Line Speakerphone 732 with Centrex Services
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503-401-110 IS	1	7103A01A Telephone Set — Identification, Installation, Operation, and Maintenance	GENESIS® Telesystem		
503-401-111 IS	1	Z7103A01C Telephone Set — Identification, Installation, Operation, and Maintenance	503-450-101	1	CS5061U01A-148 Telephone Set Description GENESIS® Telesystem Identification, Installation, Connections, and Maintenance
Addendum IS	1		503-450-103	1	CS300A1 Circuit Module (Custom Calling Convenience Cartridge) GENESIS® Telesystem Identification, Installation, and Maintenance
503-401-200 IS	1	7203H01A Multifunction Electronic Telephone Set (MFET) — Identification, Installation, Operation, and Maintenance	503-5 Telephone Sets — Automatic Dialers		
503-401-205 IS	1	Z7203M01A Multifunction Electronic Telephone (MFET) — Identification, Installation, Operation, and Maintenance	503-550-101	4	2671B1M — Call-A-Matic — Identification, Assembly, Connections, Operation, and Maintenance
Addendum IS	1		503-6 Telephone Sets — 6-Button; Desk, Wall, and Panel Types		
503-401-210 IS	1	7205H01A Multifunction Electronic Telephone Set (MFET) — Identification, Installation, Operation, and Maintenance	503-601-101	10	851- and 2851-Type — Identification, Installation, Connections, and Maintenance
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503-401-300 IS	1	7403D01A Multifunction Digital Telephone Set (MFDI) — Identification, Installation, Operation, and Maintenance			
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503-401-310 IS	1	7405D01A Multifunction Digital Telephone Set (MFDI) — Identification, Installation, Operation, and Maintenance			
503-402-100 IS	1	Z7303S01B Multifunction Analog Telephone Set (MFAT) — Identification, Installation, Operation, and Maintenance			

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503-603-102	4	872A1M Touch-A-Matic Telephone Set — Identification, Installation, Connections, Operations, and Maintenance
503-603-120	3	575AM and 2575AM — Identification, Installation, Connections, and Maintenance
503-603-130	2	853AM and 2853AM — Identification, Installation, Connections, and Maintenance

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503-801 9000 Series Wireless/Cordless Telephones		
503-801-100	1	MDC 9000 Business Cordless Telephone Quick Reference
503-801-101	1	MDC 9000 Business Cordless Telephone Installation

503-7 Telephone Sets— 10- AND 20-Button; Desk and Wall Types

503-701-100	2	F-59796, F-59797, F-59798, F-59799, F-60208, F-60209, F-60210, and F-60211 (Touch-A-Matic Repertory Dialer)
503-701-101	10	830- and 2830-Type — Identification, Installation, Maintenance, and Connections
503-701-102	5	852A, 852AM, 2852A, and 2852AM — Identification, Installation, Connections, and Maintenance
503-701-110	6	832- and 2832-Type — Identification, Installation, Connections, and Maintenance
503-702-101	10	831- and 2831-Type Telephone Sets — Identification, Installation, Maintenance, and Connections
503-702-110	6	833- and 2833-Type — Identification, Installation, Connections, and Maintenance

503-8 Wireless/Cordless Telephones

503-800 Sales and Marketing

■ 503-800-100	1	AT&T Transtalk 9000 Wireless System Marketing and Sales Guide
■ 503-800-101	1	AT&T Multiline Digital Cordless Business Marketing and Sales Guide

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504-000-000	73	Numerical Index — Division 504 — Selector Consoles, Telephone Consoles, and Apparatus Units
504-1 Selector Consoles		
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504-110-101	4	1A1- and 1A2-Types — Identification, Installation, and Maintenance
504-2 Telephone Consoles		
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504-210-201	8	1- Through 6-, 10- Through 12-, and 14- Through 16-Type — Apparatus Units — 12-, 14-, 31- and 32-Type — Installation and Maintenance
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504-211-101	8	1- and 2-Type — Identification
504-212-101	6	3- and 4-Type — Identification and Selection
504-213-101	5	5- and 6-Type — Identification
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504-215-101	1	8A and 9A Types — Identification and Assembly of Parts
504-215-402	2	9A Type — Connections
504-216-101	7	10-, 11-, and 12-Type — 12- and 14-, 31-, and 32-Type — Apparatus Units — Identification — Customer Equipment

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504-218-101	1	12A1
504-220-101	4	14- and 15-Type — Identification
504-220-102	4	16-Type — Identification
504-220-121	3	21-, 41-, and 51-Types — Identification
504-220-122	2	22- and 32-Types — Identification
504-220-123	6	23-, 43-, 53-, 63-, and 83-Types — Identification
504-220-124	5	24-, 34-, and 54-Type — Identification
504-220-125	2	45-Type — Identification
504-220-126	1	26-, 46-, and 56-Types — Identification
504-220-127	4	27- and 47-Types — Identification
504-220-128	3	28- and 48-Types — Identification
504-220-129	4	29-Type — Identification
504-220-133	3	60-Type — Identification
504-220-150	2	120-Type — Identification
504-220-151	2	121-, 131-, and 151-Types — Identification
504-220-152	1	132- and 152-Types — Identification
504-220-155	1	155-Type — Identification
504-225-100	2	Identification — 500-Type and 103A1 Display Unit

Division 506**Small Business Systems And Station Equipment —
Public Telephone Sets****506-0 Indexes 506****506-1 General Information****-100 Coin Telephone Stations — General****-101 Coin Telephone Stations Security****-110 Public Telephone Sales and Marketing****506-4 Coin Telephone Sets****506-5 Coinless Telephone Sets****506-9 Public Service Maintenance Check**

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506-100-100	1	Public Services Station — Bond- ing and Grounding
506-100-101	3	Coin and Coinless Public Tele- phone Set Backboards — Identif- ication and Installation
506-100-103	4	Tools, Gauges, and Materials — Identification and Use
506-100-105	3	Coin Level Detector — Identifica- tion, Installation, Connections, Operation, and Maintenance
506-100-107	1	Extended Network Interface for Customer Premise Equipment on Semipublic Coin Lines — Instal- lation, Testing, and Maintenance
506-100-108	2	Manual Extension Station Ser- vice on Semi- Public Coin Lines Connected to Coin Telephone Sets
506-100-110	2	Coin Hopper Vane Replacement

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506-100-120	2	1C/2C-Type Coin Telephone Set — Detailed Description
506-100-130	3	Coin Test Line Circuit

506-101 Coin Telephone Stations Security

506-101-100	3	Security Devices Reference
506-101-400	2	Security Devices Service

506-110 Public Telephone Sales and Marketing**Brochures**

506-110-001	1	Standard Coin Telephone Set (1D2)
506-110-002	1	1D2C6 Customer Maintained Coin Set
506-110-003	1	Loud Button Retrofit Kit
506-110-004	1	22B Electronic Coin Chute
506-110-005	1	11B Coinless Telephone

506-3 Coin Telephone Sets

Addendum	1	
506-328-200	2	2A-Type — Installation and Maintenance

506-4 Coin Telephone Sets

506-410-400	8	1C-, 1D-, 1E-, 2C-, and 2D-Type — Identification, Installation, and Maintenance
506-410-401	3	1D/2D-Type — (DTF Only) — Identification
▲506-410-402	3	1D/2D Type, Installation, Conver- sion, Maintenance, and Connec- tions (DTF Only)
506-410-403	1	3A2 Type and AE1 Type Mount- ing — Identification, Installation, Operation Tests, Maintenance, and Connections

506-5 Coinless Telephone Sets

Addendum	1	
506-500-100	4	10A, 10B, and 20A Type and KS-22284 Backboard — Identifi- cation, Installation, Tests, Maintenance, and Connections

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506-500-101	1	2960B01-50 Coinless Telephone Set — Identification, Installation, Connection, Maintenance, and Conversion
506-500-112	1	11A Type — Service Manual

506-9 Public Service Maintenance Check

506-900-503	5	Public Services Maintenance Check
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Division 508**Public Telephone Enclosures and Miscellaneous Accessories****508-0 Indexes****508-1 General****508-2 Enclosures — Indoor****508-3 Enclosures — Indoor-Outdoor****508-4 Enclosures — Outdoor****508-7 Directory Tables, Cabinets, Shelves, Hangers, Fasteners, and Binders****508-8 Miscellaneous Accessories**

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508-0 Indexes		
508-000-000	15	Numerical Index — Division 508 — Public Telephone Enclosures and Miscellaneous Accessories

508-1 General

508-100-100	5	Grounding and Wiring Requirements
508-100-101	2	Public Telephone Enclosures — Cleaning

508-2 Enclosures — Indoor

508-200-100	1	Booths — 5, 6, 10 and 11 Types
508-201-100	1	Booth — KS-19340 Wood
508-202-100	1	Booths — KS-19206 Curved Door
508-203-100	1	KS-20630 Booth
508-204-100	1	Booth — KS-19442 Deluxe Glass
508-225-110	1	KS-22235 Econoshelf — Identification, Installation, and Maintenance
508-250-100	1	Coin Telephone Shelves — 19- and 20- Type

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508-251-100	1	Coin Telephone Shelf — KS-19267
Addendum	1	
508-252-100	1	Coin Telephone Shelf — KS-20194
508-253-100	4	KS-19945 Small Talk Public Services Telephone Shelf — Identification, Installation, and Maintenance
508-254-100	4	KS-21428 Phonecart — Identification, Installation, Operation Tests, Maintenance, and Connections
508-255-100	3	KS-21571 Deluxe Wedge Public Telephone Shelf — Identification, Installation, and Maintenance
Addendum	1	
508-257-100	4	KS-21977 Clear View Coin Telephone Mounting — Identification, Installation, and Maintenance
508-259-100	1	KS-22081 Cluster Mounting — Identification, Installation, and Maintenance
508-261-100	1	KS-22665 Stylistic Public Telephone Enclosure — Identification, Installation, and Maintenance

508-3 Enclosures — Indoor-Outdoor

508-300-100	1	KS-16797 Universal
508-301-100	3	KS-19425 Universal II Indoor-Outdoor Booth — Identification, Installation, and Maintenance
508-303-100	1	KS-22677 Corral Rail — Identification, Installation, Maintenance, and Connections
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508-304-100	1	KS-22642 Silencer — Identification, Installation, and Maintenance
Addendum	1	
508-353-100	1	Directory Alcove — KS-16361

508-4 Enclosures — Outdoor

508-400-100	1	Booth — 9-Type
508-401-100	2	Booth — KS-14611 Airlight — Identification, Installation, Maintenance, and Conversion

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508-402-100	4	KS-19580 Airlight II and IIA Telephone Booths — Identification, Installation, and Maintenance
508-403-100	2	KS-21716 Airlight III Telephone Booth — Identification, Installation, and Maintenance
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508-430-100	1	KS-20255 Telephone Kiosk (Diamond Kiosk)
508-450-100	1	Walk-Up, Drive-Up — KS-16705 Mounting
508-451-100	2	Walk-Up, Drive-Up — KS-19426 Mounting
508-452-100	7	KS-20842 SENTRY® Public Telephone Enclosure — Single and Double — Identification and Installation
508-452-101	1	KS-20842 SENTRY Public Telephone Enclosure — Cluster Arrangement — Identification and Installation
508-452-102	1	KS-20842 SENTRY Public Telephone Enclosure — Maintenance
508-452-103	2	KS-20842 SENTRY Public Telephone Enclosure — Miscellaneous Apparatus — Identification and Installation

508-7 Directory Tables, Cabinets, Shelves, Hangers, Fasteners, and Binders

508-710-100	4	Directory, Tables, Cabinets, and Shelves — Identification and Installation
508-710-101	4	Directory Hangers, Fasteners, and Binders — Identification and Installation
508-710-102	6	KS-20030 Directory Hangers and KS-21435 Directory Facility — Identification, Installation, and Maintenance

Number	Issue	Subject
508-8 Miscellaneous Accessories		
508-809-100	3	Foundation and Associated Apparatus — Identification and Installation — KS- 21976
508-810-202	8	Public Phone Signs — Illuminated Types — Identification and Installation
508-810-205	8	Nonilluminated Type Phone Signs — Identification and Installation
508-811-100	1	KS-19928 Card Frame — Identification and Installation
508-815-100	1	Light Fixtures — Booth and Directory — 2 and 4 Types
508-820-100	4	KS-19207 Light and Blower Unit — Identification, Installation, and Maintenance
508-825-100	7	KS-19261 Type Light Control Units — Identification and Installation

Division 510**Station Sets and Coin Collectors — Local Battery and Magneto****510-0 Indexes****510-1 Station Sets — Local Battery, Subscriber Sets — Local Battery and Battery Supply Filter****510-2 Coin Collectors — Local Battery, Subscriber Sets — Local Battery Coin Collectors****510-3 Station Sets — Magneto and Subscriber Sets — Magneto****510-4 Coin Collectors — Magneto and Subscriber Sets — Magneto Coin Collector****510-8 Magneto Sets — Special Usage**

Number	Issue	Subject
510-0 Indexes		
510-000-000	7	Numerical Index — Division 510 — Station Sets and Coin Collectors — Local Battery and Magneto

510-1 Station Sets — Local Battery, Subscriber Sets — Local Battery and Battery Supply Filter

510-100-100	1	Station Sets — Local Battery — Selection for General Use
510-100-180	1	Battery Supply Filter
510-110-100	1	Subscriber Sets — Local Battery — Connections — General
510-110-400	1	Subscriber Sets — 634BB — Local Battery — Connections
510-110-401	1	Subscriber Sets — 634Y — Local Battery — Connections
510-110-402	2	Subscriber Sets — 634YD — Local Battery — Connections
510-110-403	2	Subscriber Sets — 634YDT — Local Battery — Connections
510-110-405	2	Subscriber Sets — 634YT — Local Battery — Connections
510-120-100	1	Hand Telephone Sets — 200 Series — Local Battery — Connections — General

Number	Issue	Subject
510-120-400	1	Hand Telephone Sets — 201A, B, C, D — Local Battery — Connections
510-120-401	1	Hand Telephone Sets — 202E, F, G, H — Local Battery — Connections
510-120-402	1	Hand Telephone Sets — 206A, B, C, D — Local Battery — Connections
510-120-403	1	Hand Telephone Sets — 207A, B, C, D — Local Battery — Connections
510-120-404	1	Hand Telephone Sets — 211E, F, G, H — Local Battery — Connections
510-120-405	1	Hand Telephone Sets — 212L — Local Battery — Connections
510-120-406	1	Hand Telephone Sets — 213A, B, C, E — Local Battery — Connections
510-120-407	1	Hand Telephone Sets — 215A, B, C, D — Local Battery — Connections
510-130-400	1	Telephone Sets — 307A, C — Local Battery — Connections
510-130-401	2	Telephone Sets — 309A, C — Local Battery — Connections
510-130-402	1	Telephone Sets — 357A, C — Local Battery — Connections

510-2 Coin Collectors — Local Battery, Subscriber Sets — Local Battery Coin Collectors

510-200-100	1	Coin Station Sets — Local Battery — Selection
510-205-400	1	Subscriber Sets — 634YD — Local Battery — Used With Coin Collectors — Connections
510-205-401	1	Subscriber Sets — 6344E — Local Battery — Connections
510-210-400	1	Coin Collectors — Prepay — 155CL, DL, GL, HL — Local Battery — Connections
510-210-401	1	Coin Collectors — Prepay — 166CL, DL, GL, HL — Local Battery — Connections
510-210-402	1	Coin Collectors — Prepay — 174CL, DL, GL, HL — Local Battery — Connections
510-210-403	1	Coin Collectors — Prepay — 176CL, DL, GL, HL — Local Battery — Connections

Number	Issue	Subject	Number	Issue	Subject
510-210-404	1	Coin Collectors — Prepay — 191CL, DL, GL, HL — Local Battery — Connections	510-310-404	2	Subscriber Sets — 400CD — Magneto — Used With Hand Telephone Sets — Connections
510-210-420	1	Coin Collectors — Postpay — 150K; 162A, B, C, D — Manual — Local Battery — Connections	510-310-405	1	Subscriber Sets — 415E — Magneto — Connections
510-210-421	1	Coin Collectors — Postpay — 152C, D; 164C, D — Manual — Local Battery — Connections	510-310-406	2	Subscriber Sets — 415H, CD — Magneto — Used With Hand Telephone Sets — Connections
510-210-422	1	Coin Collectors — Postpay — 182C, D — Manual — Local Battery — Connections	510-320-400	1	Hand Telephone Sets — Magneto — Connections — General
510-215-400	1	Coin Collectors — Postpay — 158GL, HL; 168GL, HL — Community Dial Office Service — Local Battery — Connections	510-320-401	1	Hand Telephone Sets — 201A — Magneto — Connections
510-215-401	1	Coin Collectors — Postpay — 177GL, HL; 178GL, HL — Community Dial Office Service — Local Battery — Connections	510-320-402	1	Hand Telephone Sets — 202H — Magneto — Connections
510-215-402	1	Coin Collectors — Postpay — 193GL, HL — Community Dial Office Service — Local Battery — Connections	510-320-403	1	Hand Telephone Sets — 211E — Magneto — Connections
510-3 Station Sets — Magneto and Subscriber Sets — Magneto			510-320-404	1	Hand Telephone Sets — 213E — Magneto — Connections
510-310-100	1	Station Sets — Magneto — Western Electric Company — Identification and Assembly of Parts	510-320-405	1	Hand Telephone Sets — 215A — Magneto — Connections
510-310-180	1	Station Sets — Magneto — Selection for General Use	510-330-400	1	Telephone Sets — 307A — Magneto — Connections
510-310-200	1	Station Sets — Magneto — Western Electric Company — Installation	510-330-401	1	Telephone Sets — 309A — Magneto — Connections
510-310-300	1	Station Sets — Magneto — Subscriber Sets — Magneto — Maintenance	510-330-402	1	Telephone Sets — 357A — Magneto — Connections
510-310-400	1	Subscriber Sets — Ringers Only — Nonpolarized — Magneto — Connections	510-4 Coin Collectors — Magneto and Subscriber Sets — Magneto Coin Collector		
510-310-401	1	Subscriber Sets — Magneto — Connections — General	510-410-180	1	Coin Station Sets — Magneto — Selection
510-310-402	1	Subscriber Sets — 299F, D-176680 — Magneto — Connections	510-410-400	1	Subscriber Sets — 400A and K — Magneto — Used With Coin Collectors — Connections
510-310-403	2	Subscriber Sets — 400A and K — Magneto — Used With Hand Telephone Sets — Connections	510-410-401	1	Subscriber Sets — 400CD — Magneto — Used With Coin Collectors — Connections
			510-410-402	1	Subscriber Sets — 415H and CD — Magneto — Used With Coin Collectors — Connections
			510-420-400	1	Coin Collectors — Postpay — 150K, L; 162A, B, C, D — Manual — Magneto — Connections
			510-420-401	1	Coin Collectors — Postpay — 152C, D; 164C, D — Manual — Magneto — Connections
			510-420-402	1	Coin Collectors — Postpay — 182C, D — Manual — Magneto — Connections

Number	Issue	Subject
510-8 Magneto Sets — Special Usage		
510-810-100	5	Telephone Sets — 331-Type — Portable
510-820-100	2	Telephone Set — F-50682 — Ground Observer's Telephone
510-830-100	1	Telephone Set, KS-19148, List 1 — Mine Station, Nonexplosive Atmosphere — Magneto

Division 512**Automatic Dialers, Station Keys, Key Equipment
Interphone Systems, Modular Units, Speakerphone
Systems, and Conference Sets****512-0 Indexes****512-1 Automatic Dialers****512-2 Station Keys****512-3 Key Equipment****512-5 Interphone Systems****512-6 Speakerphones, Speakerphone Systems, and
Conference Sets****512-7 Speakerphone System 4-Type**

Number	Issue	Subject
512-0 Indexes		
512-000-000	42	Index — Division 512 — Automatic Dialers, Station Keys, Key Equipment — Interphone Systems, Modular Units, and Speakerphone Systems
512-1 Automatic Dialers		
512-110-100	1	Telerapid Automatic Dialers — TR350 and 125 Types
Addendum	1	
512-115-100	4	KS-16844 RAPIDIAL* — Identification, Installation, Operation, Connections, and Maintenance
512-120-101	3	F-56105 Telephone Set Using KS-16844 RAPIDIAL — Identification, Operation, Installation, and Connections
512-120-102	2	F-56105 Telephone Set for Howard Johnson Motor Hotel Chain — Identification

Number	Issue	Subject
512-120-103	2	F-56105 Telephone Set for Imperial House 400 Motor Hotel Chain — Identification
512-125-100	2	KS-19594 Dialer Description and Operation
512-125-200	2	KS-19594 Dialer Installation
512-125-300	3	KS-19594 Dialer — Maintenance
512-125-400	6	KS-19594 Dialer — Telephone Sets Equipped With Rotary Dials — Connections
512-125-410	3	KS-19594 Dialer — Telephone Sets Equipped With TOUCH-TONE® Dials — Connections
512-125-430	2	KS-19594 Dialer — Switchboard and Miscellaneous Key Equipment — Connections
Addendum	1	
512-126-100	1	F-56503 Type Telephone Set Using KS-19594 Dialer Identification, Operation, Installation, Connections, and Maintenance
512-199-100	1	Repertory Dial — Dialer, MITRE No. 5 System — Identification, Installation, Connections, Operations and Maintenance

512-2 Station Keys

Addendum	1	
512-210-101	4	6017-, 6026-, KS-21254, and KS-21776 Type Separately Mounted Keys — Identification, Installation, and Connections
512-210-102	1	Separately Mounted Keys, Nonilluminated Pushbutton — 6021-, 6022-, 6023-, 6027-, and 6028-Types — Identification, Installation, and Connections
512-210-103	6	6040-, 6041-, 6050-, and 6051-Type Separately Mounted Keys — Identification, Installation, and Connections
512-215-100	1	6030A Key for Customers With Impaired Hearing
512-220-100	7	549- and 551-Type Pushbutton Keys — Identification, Installation, Maintenance, and Connections
512-230-100	9	Modular Keys, Lamp Sockets, and Transmitters (KS-Type Connector Equipped)

* RAPIDIAL is a registered trademark of McGraw-Edison Co.

Number	Issue	Subject	Number	Issue	Subject
512-230-101	9	Modular Keys, Lamp Sockets, and Transmitters (Terminal Plug Receptacle Equipped) — Identification, Installation, and Maintenance	512-312-100	2	2A and 2B — Identification
512-230-102	1	Modular Units — Transmitters and Speakerphone Controls	512-312-400	2	2A and 2B — Connections
512-230-103	2	Modular Units — Flashing and Release Keys	512-314-100	4	4A — Identification, Installation and Maintenance
512-230-104	1	Multiline Conferencing (Key Conversion or Replacement)	512-314-400	11	4A — Common Battery Talking — Common Battery Signaling — Connections
512-240-100	6	Key Mountings — 400-, 1400-, and 2400- Series — 30, 60, 90, and 120 Line Sizes — Identification and Selection	512-314-401	4	4A — Local Battery Talking — Common Battery Signaling — Connections
Addendum	1		512-316-100	2	5A and 5B — Identification
512-240-101	4	Key Mountings — 400-, 1400-, and 2400- Series — 6, 12, and 18 Line Sizes — Identification and Selections	512-316-200	2	5A and 5B — Installation and Maintenance
512-240-200	9	Key Mountings — 400-, 1400-, and 2400- Series — 30, 60, 90, and 120 Line Sizes — Installation and Maintenance	512-316-400	3	5A and 5B — Connections
512-240-201	5	400-, 1400-, and 2400-Series Key Mountings — 6, 12, and 18 Line Sizes — Installation and Maintenance	512-330-100	1	100 — Identification
512-240-400	6	Key Mountings — 400-, 1400-, and 2400- Series — 30, 60, 90, and 120 Line Sizes — Connections	512-330-200	1	100 — Installation
512-240-401	4	400-, 1400-, and 2400-Series Key Mountings — 6, 12, and 18 Line Sizes — Connections	512-330-300	1	100 — Maintenance
512-270-100	2	700-Type Modular Station Apparatus — Identification	512-330-400	1	100 — Connections
512-270-200	3	700-Type Modular Station Apparatus — Assembly and Installation	512-332-100	2	101A and 101B — Identification
512-270-300	4	Modular Station Apparatus — 700-Type — Maintenance	512-332-200	1	101A and 101B — Installation
			512-332-300	3	101A and 101B — Maintenance
			512-332-400	1	101A and 101B — Connections
			512-334-100	1	102A — Description and Use
			512-336-100	2	103A — Secretarial Answering Service
			512-344-100	1	111A — Description and Use
512-3 Key Equipment			512-5 Interphone Systems		
512-310-400	1	1A — Common Battery — Connections	1A Home Interphone Systems		
512-310-401	1	1A — (Local Battery Talking — Common Battery Signaling) — Connections	512-510-100	5	1A Home
			512-510-200	8	1A Home
			512-510-401	3	1A Home — 511-Type Telephone Sets — Connections and Maintenance
			512-510-403	1	1A Home — 558-Type Telephone Sets — Connections and Maintenance
			512-510-405	2	1A Home — 711B Telephone Set — Connections and Maintenance
			512-510-406	4	1A Home — 712B Telephone Set
			512-510-408	2	1A Home — 751-Type Telephone Sets — Connections and Maintenance
			512-510-410	3	1A Home — 752-Type Telephone Set — Connections and Maintenance

Number	Issue	Subject
512-510-412	2	1A Home — 754-Type Telephone Set — Connections and Maintenance
512-510-421	1	1A (Home) — 1511-Type Telephone Sets — Connections and Maintenance
512-510-423	1	1A Home — 1558D Telephone Set — Connections and Maintenance
512-510-426	2	1A Home — 1712B Telephone Set — Connections and Maintenance
512-510-428	2	1A Home — 1751-Type Telephone Sets — Connections and Maintenance
512-510-430	3	1A Home — 1752-Type Telephone Set — Connections and Maintenance
512-510-441	3	1A Home — 2511F/H Telephone Set — Connections and Maintenance
512-510-443	2	1A Home — 2558D Telephone Set — Connections and Maintenance
512-510-446	1	1A (Home) — 2712B Telephone Sets — Connections and Maintenance
512-510-448	2	1A Home — 2751-Type Telephone Sets — Connections and Maintenance
512-510-450	2	1A Home — 2752-Type Telephone Sets — Connections and Maintenance
512-510-452	3	1A Home — 2754-Type Telephone Sets — Connections and Maintenance

2A Farm Interphone Systems

512-515-100	5	2A Farm
512-515-200	6	2A Farm
512-515-402	1	2A Farm — 511C/D and 511F/H Telephone Sets — Connections and Maintenance
512-515-404	1	2A Farm — 558C/D and 558F Telephone Sets — Connections and Maintenance
512-515-407	1	2A Farm — 711B Telephone Set — Connections and Maintenance

Number	Issue	Subject
512-515-408	1	2A Farm — 712B Telephone Set — Connections and Maintenance
512-515-412	1	2A Farm — 1511D and 1511F/H Telephone Sets — Connections and Maintenance
512-515-414	1	2A Farm — 1558D Telephone Set — Connections and Maintenance
512-515-418	1	2A Farm — 1712B Telephone Set — Connections and Maintenance
512-515-422	2	2A Farm — 2511F/H Telephone Sets — Connections and Maintenance
512-515-424	1	2A Farm — 2558D Telephone Set — Connections and Maintenance
512-515-428	1	2A Farm — 2712B Telephone Set — Connections and Maintenance

Apartment Door Answering

512-520-100	6	2755A and 2755AM Apartment Door Answering Telephone Sets — Identification, Installation, and Operation
512-520-400	5	2755-Type Apartment Door Answering Telephone Sets — Connections, Maintenance, and Operation

Intercommunicating Systems

512-530-100	1	Intercommunicating Systems — School to Home — Identification
512-530-200	2	Intercommunicating Systems — School to Home — Installation, Maintenance, and Connections
512-531-100	3	KS-19120 Intercommunicating System — School to Home — Identification
512-531-200	6	KS-19120 Intercommunication System — School to Home — Installation, Connections, and Maintenance

Number	Issue	Subject	Number	Issue	Subject
2A Communication System			512-620-407	4	Speakerphone System — 3-Type — 211- Type and 2211P Hand Telephone Set — Connections and Maintenance
512-534-100	5	2A Communication System — (Business Interphone) — Identification, Installation, and Operation	512-620-410	3	Speakerphone System — 3-Type — 500R/S, 1500S, and 2500S Telephone Set — Connections
512-534-400	5	2A Communication System (Business Interphone)	512-620-415	4	Speakerphone System — 3-Type — 511-, 1511-, and 2511-Type Telephone Sets — Connections and Maintenance
3A Communication System			512-620-418	4	Speakerphone System — 3-Type — 558-, 1558-, and 2558-Type Telephone Sets — Connections and Maintenance
512-535-100	5	3A Communication System — (Hospital Interphone) — Identification	512-620-420	4	Speakerphone Systems — 3-Type — 565-, 1565-, and 2565-Type Telephone Sets — Connections
512-535-200	3	3A Communication System — (Hospital Interphone) — Equipment Cabinet — Installation, Connections, and Maintenance	512-620-426	3	Speakerphone System — 3-Type — 566- Type Telephone Sets — Connections
512-535-201	4	3A Communication System — (Hospital Interphone) Control Console	512-620-430	2	Speakerphone Systems — 3-Type — 568HAA and 2568HAA Telephone Sets — Connections and Maintenance
512-535-202	5	3A Communication System — (Hospital Interphone) Patient Telephone Set — Installation, Connections, and Maintenance	512-620-440	5	630-, 631-, 1630-, 1631-, 2630-, and 2631- Type Telephone Sets — Connections — Speakerphone System — 3-Type
512-535-300	2	3A Communication System — (Hospital Interphone) — Method of Operation	512-620-442	3	Speakerphone System — 3-Type — 632-, 1632-, and 2632-Type Telephone Sets — Connections and Maintenance
512-6 Speakerphone and Conference Sets			512-620-444	2	Speakerphone System — 3-Type — 634-, 635-, 1634-, 2634-, and 2635-Type Telephone Sets — Connections
1A and 1A1 Speakerphone Systems			512-620-450	2	Speakerphone System — 3-Type — 682AA, 683AA, 2682AA, and 2683AA Telephone Sets — Connections
512-610-100	2	1A and 1A1 Speakerphone Systems — Identification	512-620-460	3	Speakerphone System — 3-Type — 660A1 Telephone Set — Connections and Maintenance
512-610-101	2	1A and 1A1 Speakerphone Systems — Operation	512-620-461	1	Speakerphone System — 3 Type — 661- Type Telephone Set — Connections
512-610-200	1	1A and 1A1 Speakerphone Systems — Installation and Maintenance	512-620-462	3	Speakerphone System — 3-Type — 662- Type Telephone Set — Connections and Maintenance
512-610-400	2	1A and 1A1 Speakerphone Systems — Connections			
3-Type Speakerphone Systems					
512-620-100	7	Speakerphone System — 3-Type Description			
512-620-403	3	Speakerphone Systems — 3A — CALL DIRECTOR® — Connections			
512-620-406	2	Speakerphone Systems — 3 Type — Speakerphone Conference Systems			

Number	Issue	Subject	Number	Issue	Subject
512-620-471	2	Speakerphone System — 3-Type — 701B, 702B, 1702B, and 2702-Type Telephone Sets — Connections and Maintenance	512-630-401	2	KS-19134, List 1 Conference Set — Connections
512-620-474	3	Speakerphone System — 3-Type — 711B, 712B, 712BM, 1712B, 2712B, and 2712BM Telephone Sets — Connections and Maintenance	512-7 Speakerphone System 4A-Type		
512-620-480	3	Speakerphone System — 3-Type — 752-, 1752-, and 2752-Type Telephone Sets — Connections and Maintenance	Addendum	1	
512-620-485	2	Speakerphone Systems — 3-Type — 830-, 831-, 2830-, and 2831-Type Telephone Sets — Connections and Maintenance	512-700-100	5	4A Speakerphone Components — Identification, Installation, Operation, and Maintenance
512-620-487	2	Speakerphone Systems — 3-Type — 832-, 2832-, 833-, and 2833-Type Telephone Sets — Connections	512-710-400	3	Speakerphone System — 4A — 211PR Hand Telephone Set — Connections
512-620-495	3	Speakerphone System — 3-Type — 851- and 2851-Type Telephone Sets — Connection and Maintenance	512-710-405	4	4A — 500S, 500SM, 2500S, and 2500SM Telephone Sets — Connections
512-621-460	1	Speakerphone System — 3-Type — 1660- Type Telephone Sets — Connections and Maintenance	512-710-410	6	511- and 2511-Type Telephone Sets — Connections
512-621-462	2	Speakerphone System — 3-Type — 1662- Type Telephone Set — Connections and Maintenance	512-710-412	5	558D, 558F, 558FM, 2558D, and 2558DM Telephone Sets — Connections
512-622-460	2	Speakerphone System — 3-Type — 2660- Type Telephone Sets — Connections and Maintenance	512-720-405	5	565- and 2565-Type Plug-Ended Telephone Sets — Connections
512-622-462	3	Speakerphone System — 3-Type — 2662- Type Telephone Set — Connections and Maintenance	512-720-406	3	566MD and 566MDM Telephone Set — Connections — Speakerphone System — 4A
Conference Sets			512-730-400	5	630-, 631-, 632-, 634-, 635-, 2630-, 2631-, 2632-, 2634-, and 2635-Type Telephone Sets — Connections
512-630-101	3	KS-19134, List 1 Conference Set — Identification	512-730-450	5	660A1, 2660A1, and 2660A1M Telephone Sets — Connections
512-630-110	1	50A Conference Set — Identification, Installation, Connections, Operation, and Maintenance	512-730-455	3	662- and 2662-Type Telephone Sets — Connections
512-630-111	3	50A1 Conference Set — Identification, Installation, Connections, Operation, and Maintenance	512-730-460	4	682-, 683-, 2682-, and 2683-Type Telephone Sets — Connections
512-630-201	3	KS-19134, List 1 Conference Set — Installation and Maintenance	512-740-405	3	702B, 702BM, 2702B, and 2702BM Telephone Sets — Connections — Speakerphone System — 4A
			512-740-410	6	711B, 712B, 712BM, 2712B, and 2712BM Telephone Sets — Connections
			512-740-470	6	830-, 831-, 2830-, and 2831-Type Telephone Sets — Connections
			512-740-471	4	832-, 833-, 2832-, and 2833-Type Telephone Sets — Connections
			512-740-480	4	851- and 2851-Type Telephone Sets — Connections

Number	Issue	Subject
512-740-481	2	852- and 2852-Type Telephone Sets — Connections
512-750-100	1	Telehelper — Identification, Installation, Connection, Operation, and Maintenance

Division 514**Telephone Answering Sets and Systems And Announcement Sets and Systems****514-0 Indexes****514-1 DC-AC Inverter, Heater Base, and Telephone Answering Sets and Systems****514-2 Announcement and Reporting Sets****514-6 Announcement Systems — Station Control Apparatus**

Number	Issue	Subject
514-0 Indexes		
514-000-000	40	Numerical Index — Division 514 — Telephone Answering and Announcement Sets and Systems
514-1 DC-AC Inverter, Heater Base, and Telephone Answering Sets and Systems		
514-112-100	2	KS-15662 DC-AC Inverter — For Use with Telephone Answering Sets
514-114-100	1	KS-14782 Heater Base — For Use with 1A, 1AA, 1B, and 1BA Telephone Answering Set

Telephone Answering Sets

514-118-100	1	1A and 1AA — Description
514-118-200	1	1A and 1AA — Installation
514-118-300	1	1A and 1AA — Maintenance
514-118-400	1	1A — Station Connections
514-118-401	1	1AA — Station Connections
514-120-100	1	1B and 1BA — Identification and Assembly of Parts
514-120-101	1	1B and 1BA — Operation
514-120-200	1	1B and 1BA — Installation
514-120-300	1	1B and 1BA — Maintenance
514-120-301	1	1B and 1BA — Requirements and Adjustments

Number	Issue	Subject
514-120-400	3	1B and 1BA — Connections
514-124-100	1	2A — Identification and Assembly of Parts
514-124-101	2	2A — Operation
514-124-200	1	2A — Installation
514-124-300	1	2A — Maintenance
514-124-301	1	2A — Requirements and Adjustments
514-124-400	1	2A — Connections
514-126-100	1	2AB — Identification
514-126-200	1	2AB — Installation and Maintenance
514-126-400	2	2AB — Connections
514-140-100	1	KS-14580 — (Peatrophone) — Description and Installation
514-140-300	1	KS-14580 — (Peatrophone) — Maintenance for Serial No. 101 to 501 Inclusive
514-140-301	1	KS-14580 — (Peatrophone) — Maintenance for Serial No. 502 and Higher
514-140-400	1	KS-14580 — (Peatrophone) — Station Connections
514-145-100	1	KS-16378 — Identification and Assembly of Parts
514-145-101	2	KS-16378 — Operation
514-145-200	1	KS-16378 — Installation
514-145-300	3	KS-16378 — Maintenance
514-145-301	2	KS-16378 — Mechanical Adjustments
514-145-400	2	KS-16378 — Connections
514-150-100	3	KS-16923, List 1 — Identification and Assembly of Parts
514-150-101	2	KS-16923, List 1 — Operation
514-150-200	3	KS-16923, List 1 — Installation and Connections
514-150-300	3	KS-16923, List 1 — Mechanical Adjustments and Maintenance
514-155-100	6	KS-19245, Lists 1, 13, 24, and 26 — Identification, Installation, Operation, and Connections
Addendum	2	
514-155-300	3	KS-19245, List 1 — Mechanical Adjustment and Maintenance
514-155-301	4	KS-19245, Lists 13, 24, and 26 Telephone Answering Sets — Maintenance
514-156-100	2	The AutoMatic TelePhone*

Number	Issue	Subject
514-156-105	1	Telehelper Answering Machine — Description — Telephone Answer and Record Device Sets

514-2 Announcement and Reporting Sets

514-210-100	6	KS-16765, Lists 1, 2, 11, and 12 Announcement Sets — Identifi- cation and Maintenance
514-210-200	5	KS-16765, List 1, 2, 11, and 12 Announcement Sets — Installa- tion, Connections and Operation
514-230-100	4	1A Telephone Reporting Set — Identification, Installation/Connections, Test, and Maintenance
514-230-101	1	1A Telephone Reporting Set — Detailed Description
514-230-102	2	62A Control Unit — Identification, Installation, and Connections

**514-6 Announcement Systems — Station Control Ap-
paratus**

■ 514-600-100	1	AT&T Digital Announcer — Re- quirements and Tools
Addendum	1	
514-610-100	2	8A — Using KS-16765, L1 An- nouncement Set or 2-Type Tele- phone Answering Set
514-615-100	3	8A and 9A — Identification, Ins- tallation, Connections, and Maintenance
514-615-200	2	8A and 9A — Installation, Con- nections, Line-Up, and Mainte- nance
514-615-300	1	8A and 9A — Operating Pro- cedures for Single Channel Ser- vice
514-615-301	1	8A and 9A — Operating Pro- cedures for Dual Channel Ser- vice
514-616-100	1	AT&T Digital Announcer Installa- tion and User Guide

Division 518**Key Telephone Systems, Communications Systems,
and Switching System No. 400****518-0 Index and General Key Telephone System Information**

-000 Index

-015 Common Equipment

-010 Key Telephone Systems — General Information

518-1 1A, 1A1 Key Telephone Systems

-112 1A Key Telephone System

-114 1A1 Key Telephone System

518-2 1A2 Key Telephone System**518-3 Key Telephone Units Common To Several Systems**

-322 PARTNER MAIL®

518-4 6A, 6B Key Telephone Systems and Communications Systems

-410 6A Key Telephone System

-411 6B Key Telephone System

-450 Packaged Communication Systems (4A, 7A, 14A, 21A)

-451 HORIZON® Communications System

-455 PARTNER® Communication System

518-5 2A, 2B Key Telephone Systems**518-6 MERLIN®****518-7 Switching System No. 400****518-8 Special Communications Systems**

-810 Paging Systems

Number	Issue	Subject
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518-0 Index and General Key Telephone System Information**518-000 Index**

518-000-000	84	Numerical Index — Division 518 — Key Telephone Systems, Communications Systems, and Switching System No. 400 (5-95)
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Number	Issue	Subject
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518-010 Key Telephone Systems — General Information

518-010-101	2	Centralized Key Telephone Installations
518-010-105	3	Grounding and Special Protection Requirements — Description
518-010-106	3	Power Unit Selection
518-010-107	1	Reserve Power — 47C Power Unit
518-010-108	5	Common Audible Signaling
518-010-109	2	Voice Station Signaling on Manual Intercoms — Identification, Installation, and Maintenance
518-010-110	1	2A1 Matrix Block — Identification, Installation, Connection, and Maintenance
Addendum	1	
518-010-111	2	Message Waiting Consoles Used With 1A, 1A1, or 1A2
518-010-115	2	Hands-Free Answering on Intercom — 1A1, 1A2, 6A and 6B Key Telephone Systems
518-010-116	2	Paging Adapter Circuit — 278A Adapter
518-010-117	1	337A Paging Adapter — Identification, Installation, Corrections, Operation, and Maintenance
518-010-130	7/91	Roadrunner Source Book for EKTS — Guide for Sun Computers'

NOTE: This book is included in 501-501-000 Document Set

518-015 Common Equipment

518-015-101	1	AT&T RDC II User Manual
518-015-102	9/93	AT&T RLX 246 User Manual
■ 518-015-103	1	Voice Compression Multiplexer Sales Training Video

518-1 1A, 1A1 Key Telephone Systems**518-112 1A Key Telephone System**

Reference		
Addendum	2	
518-112-105	1	Reference

Number	Issue	Subject
Service		
518-112-420	1	50-Type Packaged Unit
518-112-421	2	Tie Line and Control Services
518-112-422	1	Intercom Services

518-114 1A1 Key Telephone System

Reference		
518-114-105	2	Identification and Arrangements
518-114-108	2	Installation and Maintenance
518-114-110	4	Key Telephone Units
Addendum	1	
518-114-115	1	Packaged Key Telephone Units
518-114-116	2	Touch-Tone Adapters
518-114-120	1	Key Service Units
518-114-417	2	Signal Key and Buzzer Circuits — Connection Data

Service		
518-114-425	3	Key Telephone Units
518-114-430	1	200F, G, and K Packaged Key Telephone Units
Addendum	1	
518-114-431	3	200H Packaged Units
518-114-432	1	Key Service Units

518-2 1A2 Key Telephone System

Reference		
518-215-100	7	Identification and Arrangements

Service		
518-215-400	8	Key Telephone Units — Identification Line Services
518-215-401	4	1A2 Key Telephone System — Auxiliary Line Services
518-215-402	6	400-Series Key Telephone Units for Intercom Services — Description
518-215-403	2	Control Services
518-215-404	2	501- and 502-Type Key Service Units — Identification, Installation, Connection, and Maintenance
Addendum	2	
518-215-405	7	Service — 513-, 514-, and 515-Type Key Service Units — Identification, Connection, and Maintenance

Addendum	1	
518-215-407	2	Service — Key Service Units 550- and 551-Type — Identification, Installation, Connection and Maintenance
518-215-410	9	583- and 584-Type Panels — Identification, Installation, Connections, and Maintenance
Addendum	1	
518-215-417	7	Service — 597- and 598-Type Panels — Identification, Installation, and Connections
518-215-418	2	Panels — 601-, 602-, and 603-Type
518-215-419	6	620A-Type, 641A, and 642A Modular Panels — Identification, Installation, Connections, and Maintenance
Addendum	1	
518-215-420	6	69B, D, and G Apparatus Mountings — Identification, Installation, and Connection
518-215-421	3	626A Modular Panel
518-215-422	4	Service — 110A Apparatus Mounting
518-215-424	2	630-Type Key Service Panel and 113-Type Connecting Unit — Identification, Installation, and Connections
518-215-425	2	593-Type Key Service Unit — Identification and Installation

518-3 Key Telephone Units Common To Several Systems

518-300-103	1	DC Lamp Resistance Circuits — Connections
518-300-413	4	259-Type — Identification
518-300-416	1	271A Key Telephone Unit — Identification
518-300-417	1	272A Key Telephone Unit — Identification
518-310-105	1	228A and 265A Key Telephone Units — Identification
518-310-400	1	Universal Line Unit — Key Telephone Systems 1A, 1A1 — Key Equipments 100, 101A, 101B, 102A — Using 213B Key Telephone Unit

Number	Issue	Subject	Number	Issue	Subject
518-310-401	2	227A (MD) and 227B Key Telephone Units — Audible and Visual Signaling — Identification and Connections	518-450 Packaged Communication Systems (4A, 7A, 14A, 21A)		
518-310-403	5	232-Type Key Telephone Units (Interrupter) — Identification and Connections	Addendum	1	
518-310-405	5	Station Line Concentrators 235- and 236-Type Key Telephone Units — Identification and Connections	518-450-100	5	7A Communication System — COM KEY® Key Telephone System — Description, Ordering Information, and Operation
518-310-407	8	237-Type — Identification, Operation, and Connections	■▲518-450-101	2	7A Communication System (COM KEY 718) Installation and Maintenance
518-322 PARTNER Mail ®			518-450-102	4	14A Communication System — (COM KEY 1434) — Identification, Installation, Connection, Operation, and Maintenance — Customer Equipment
518-322-102	1	PARTNER Mail® — Installation	518-450-103	1	COM KEY Arrangement Using 580A KSU and 832 or 2832-Type
518-322-103	1	PARTNER Mail — Quick Reference	Addendum	1	
518-4 6A, 6B Key Telephone Systems and Communications Systems			518-450-105	2	4A Communication System — COM KEY 416
518-410 6A Key Telephone System			518-450-106	4	4A Communication System— Description, Ordering Information, and Operation — COM KEY 416 Key Telephone System
Addendum	2		■ 518-450-107	2	4A Communication System (COM KEY 416) — Installation and Maintenance
518-410-100	6	Identification and Installation	Addendum	1	
518-410-300	3	Selector Only Arrangement — Maintenance	518-450-110	3	21A Communication System — Descriptive and Ordering Information (COM KEY 2152 Key Telephone System)
518-410-301	3	Single-Talking Link Arrangement — Maintenance	■ 518-450-111	3	21A Communication System — (COM KEY 2152) — Installation and Test
518-410-302	3	2-Talking Link Arrangement — Maintenance	518-451 HORIZON® Communications System		
Addendum	1		518-451-001	1	Business Services Design Engineering — Traffic Measurements
518-410-400	6	Selector Only — Connections	■ 518-451-002	1	Business Services Traffic Engineering
Addendum	1		518-451-010	2	Labor Time Reporting for HORIZON — Communication System to Track Costs
518-410-401	6	Single Talking Link — Connections	■▲518-451-100	8	Communications System (32A)
518-410-402	8	Two-Talking Link — Connections	518-451-103	2	Changing 16A System to 32A System — Procedures
518-410-403	1	Holding Arrangement for 6A Stations — Using 1A or 1A1 Line and Signaling Circuits			
518-411 6B Key Telephone System					
518-411-100	3	DIALOG® Intercom System — Description, Installation, Connection, Operation, and Maintenance			

Number	Issue	Subject	Number	Issue	Subject
518-451-104	2	Converting Feature Package A+ to Type B Common Equipment — Procedures	518-451-119	1	Feature Package A+ — Music-on-Hold Feature
518-451-105	6	System Description and Preinstallation Information — Feature Package A+	518-451-120	4	Dial Dictation Access Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-106	1	Converting Feature Package A+, Type B, or B+ Common Equipment to Type E Common Equipment — Procedure — (32A)	518-451-121	3	Per Call Ringer Cutoff and Distinctive Alert Features — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-107	1	Converting Feature Package A+ to B+ Common Equipment — Procedures	518-451-122	3	Distinctive Permanent Signal Treatment Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-108	1	Converting Type B Common Equipment to Type B+ Common Equipment — Procedure	518-451-123	3	External Alert Access Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-109	1	Converting Type B+ or Type E Common — Equipment to Type E+ Common Equipment — Procedure	518-451-124	1	Feature Package A+ — Through Dialing Feature
518-451-110	6	Intradivisional Alphanumeric Index — Feature Documents	518-451-125	1	Feature Package A+ — Hold Feature and Hold and Conference Release on Abandon Feature
518-451-111	2	Feature Package A+ — Attendant Station Selector Console Feature	518-451-126	2	Toll Restriction Feature — Description — Feature Package A+
518-451-112	1	Feature Package A+ — Automatic Intercom With Station Busy and Station DSS with Station Busy Features	518-451-127	4	Line Status Indication and I-Use Indication Features — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-113	1	Feature Package A+ — Recall Button Feature	518-451-129	3	Loudspeaker Paging Access Feature — Description — Feature Package A+
518-451-114	2	Feature Package A+ — Call Coverage, Call Coverage — Ring Options, and Timing — Option for Send Ring on Don't Answer Features	518-451-130	3	Manual Exclusion Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-115	3	Call Waiting Indication and Abbreviated Ring Features — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)	518-451-132	3	Manual Signaling Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-116	7	Customer Access Unit Feature — Description — Feature Package A+, Type B, B+, D, E, E+ Common Equipment — (32A)	518-451-133	3	Touch-Tone Service to Dial Pulse Conversion Feature — Description
518-451-117	2	Feature Package A+ — Central Answering Position, Supplementary Answering Position, System Alarm Indications, and Associated Answering Position Features	518-451-134	3	Feature Package A+ — Night Service — Answer Any Station Feature
518-451-118	2	Feature Package A+ — CO-ICM Conference (CO-CO Conference) Feature			

Number	Issue	Subject	Number	Issue	Subject
518-451-135	5	Extended Station Capability and Out-of- Building Stations Features — Description — Feature Package A+	518-451-206	2	Call Management System Description and Preinstallation Information — Type D Common Equipment — Call Management System (32A)
518-451-136	3	System Access — Originate Only Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)	518-451-207	3	Call Management System — Maintenance Support — Type D Common Equipment
518-451-137	1	Feature Package A+ — Outward Restriction Feature	518-451-208	2	Communications System — System Description and Preinstallation Information — Type E and Type E+ Common Equipment — (32A)
518-451-138	2	Feature Package A+ — Personal Line Access Feature	518-451-211	4	Attendant Station Selector Console Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-139	2	Feature Package A+ — Pooled Facilities — Button Access and Facilities Busy Indication Features	518-451-212	4	Automatic Intercom With Station Busy Indication and Station Direct — Station Selection With Station Busy Indication Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-140	1	Feature Package A+ — Pooled Facilities — Dial Access Feature	518-451-213	5	Recall Button Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-141	4	Power Failure Transfer Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment	518-451-214	5	Call Coverage, Call Coverage— Ring Options, and Timing — Option for Send Ring on Don't Answer Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-142	4	Feature Package A+ — Tielines to Other PBX's Feature — (32A)	518-451-217	5	Central Answering Position, Supplementary Answering Position, System Alarm Indications, and Associated Answering Position Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-143	1	Feature Package A+ — Prime Line Preference, Ringing Line Preference, and Preselection Feature	518-451-218	5	CO-ICM Conference (CO-CO Conference) and Trunk-to-Trunk Conference Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-145	3	Touch-Tone Calling and Rotary Calling Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)	518-451-219	4	Music-on-Hold Access Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-146	1	Feature Package A+ — Station-to-Station Calling, Dial Access to Attendant, and Immediate Ringing Features	518-451-224	4	Through Dialing Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-147	1	Feature Package A+ — Station Message Waiting Feature			
518-451-148	1	Feature Package A+ — Station Call Transfer Feature			
518-451-150	3	Intercept Treatment With Reorder Tone Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)			
518-451-205	4	System Description and Preinstallation Information — Type B and Type B+ Common Equipment — (32A)			

Number	Issue	Subject	Number	Issue	Subject
518-451-225	4	Hold Feature, Hold and Conference Release on Abandon, and Abandon Call Search Features — Description — Type B, B+, D, or E Common Equipment — (32A)	518-451-242	5	Tielines to Other PBX's Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-226	5	Toll Restriction Feature — Description — Type B, B+, D, or E Common Equipment — (32A)	518-451-243	4	Prime Line Preference, Ringing Line Preference, and Preselection Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-228	5	Call Pickup Feature — Description — Type B, B+, D, or E Common Equipment — (32A)	518-451-244	1	Flexible Numbering Plan and Personal Dial — Code Plan Features — Description — Type E+ Common Equipment
518-451-229	3	Loudspeaker Paging Access Feature — Description — Type B, B+, or D Common Equipment — (32A)	518-451-246	6	Station-to-Station Calling, Dial Access to Attendant, and Immediate Ringing Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-231	4	Station Hunting Feature — Description — Type B, B+, D, or E Common Equipment — (32A)	518-451-247	4	Station Message Waiting Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-233	3	Touch-Tone Service to Dial Pulse Service Conversion Feature — Description — Type B, B+, D, or E Common Equipment — (32A)	518-451-248	4	Station Call Transfer Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-234	4	Night Service—Answer Any Station and Night Service Features — Description — Type B, B+, D, or E Common Equipment — (32A)	518-451-249	4	Flexible DSS/Out Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-235	6	Extended Station Capability and Out-of- Building Stations Features — Description — Type B, B+, D, or E Common Equipment — (32A)	518-451-250	1	Station Message Detail Recording Feature — Description — Type E+ Common Equipment
518-451-237	4	Outward Restriction Feature — Description — Type B, B+, D, or E Common Equipment — (32A)	518-451-251	5	Direct Group Calling Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-238	4	Personal Line Access Feature — Description — Type B, B+, D, or E Common Equipment — (32A)	518-451-253	5	Busy Lamp Field Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-239	4	Pooled Facilities—Button Access and Facilities Busy Indication Features — Description — Type B, B+, D, or E Common Equipment — (32A)	518-451-254	3	Call Park Feature — (Call Parking/Meet- Me- Conferencing/Call Transferring) — Description — Type B+, D, or E Common Equipment
518-451-240	4	Pooled Facilities—Dial Access Feature — Description — Type B, B+, D, or E Common Equipment — (32A)	518-451-255	1	Loudspeaker Paging Access Feature — Description — Type E Common Equipment — (32A)
518-451-241	1	Direct Inward Dialing Feature — Description — Type E+ Common Equipment — (32A)	518-451-256	1	Flexible Night Service — Description — Type E Common Equipment — (32A)
			518-451-257	1	In Button, After Call Work Button, Customer Work States, and Associated — Agent Position Features — Description — Type D Common Equipment — (32A)

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518-451-258	1	Delayed Announcement Feature — Description — Type D Common Equipment — (32A)	518-451-507	1	System Description and Preinstallation — Type C Common Equipment
518-451-260	1	Service Observing Feature — Description — Type D Common Equipment — (32A)	518-451-508	1	Converting to Type B+ Common Equipment — Procedures
518-451-261	1	Call Transfer to Split Feature — Description — Type D Common Equipment — (32A)	518-451-510	3	Intradivisional Alphanumeric Index — Feature Documents
518-451-262	1	Code Entry and Trouble Reporting Feature — Description — Type D Common Equipment — (32A)	518-451-511	4	Attendant Station Selector Console Feature — Description — Type B or B+ Common Equipment
518-451-263	1	Assistance Feature — Description — Type D Common Equipment — (32A)	518-451-512	2	Automatic Intercom With Station Busy Indication and Station Direct Station Selection With Station Busy Indication Features — Description
518-451-264	2	Agent Log-In/Log-Out and Personal Dial — Code Calling Features — Description — Type D Common Equipment — (32A)	518-451-513	1	Recall Button Feature
518-451-265	2	Alternate Traffic Routing—Intraflow and Alternate Traffic Routing—Interflow Features — Description — Type D Common Equipment — (32A)	518-451-514	3	Call Coverage, Call Coverage — Ring Options, and Timing Option for Send Ring on Don't Answer Features — Description
518-451-266	3	Supervisor Hierarchy, Split Group Assignment and Combined Split Features — Description — Type D Common Equipment — (32A)	518-451-515	1	Call Waiting Indication and Abbreviated Ring Features
518-451-268	2	Agent Performance, Exception Reporting, Service Quality, Specific Tabulation, Trouble Log, and Trunk Usage Features — Description — Type D Common Equipment — (32A)	518-451-516	2	Customer Access Unit Feature — Description
518-451-300	6	Maintenance Support — Feature Package A+ or Type B, B+, E, or E+ Common Equipment — (32A)	518-451-517	2	Central Answering Position, Supplementary Answering Position, System Alarm Indications, and Associated Answering Position Features — Description
518-451-301	1	Feature Package A+ — Maintenance Support	518-451-518	2	CO-ICM Conference (CO-CO Conference) Feature — Description
HORIZON Communications System VS (16A)			518-451-519	1	Music-on-Hold Access Feature
▲518-451-500	4	HORIZON Common System Vs 16A	518-451-520	2	Dial Dictation Access Feature — Description
518-451-505	2	System Description and Preinstallation Information — Type B or B+ Common Equipment	518-451-521	1	Per Call Ringer Cutoff and Distinctive Alert Feature
518-451-506	5	Maintenance Support — Type B, B+, or C Common Equipment	518-451-522	1	Distinctive Permanent Signal Treatment Feature
			518-451-523	3	External Alert Access Feature — Description
			518-451-524	2	Through Dialing Feature — Description
			518-451-525	2	Hold Feature and Hold and Conference Release on Abandon Feature — Description
			518-451-526	3	Toll Restrictive Feature — Description
			518-451-527	2	Line Status Indication and I-Use Indication Features — Description

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518-451-528	3	Call Pickup Feature — Description
518-451-529	3	Loudspeaker Paging Access Feature — Description
518-451-530	1	Manual Exclusion Feature
518-451-531	2	Station Hunting Feature — Description
518-451-532	2	Manual Signaling Feature — Description — VS (16A)
518-451-533	3	Touch-Tone Service to Dial Pulse Service Conversion Feature — Description
518-451-534	2	Night Service — Answer Any Station Feature — Description
518-451-535	4	Extended Station Capability and Out-of- Building Stations Features — Description
518-451-536	1	System Access — Originate Only Feature
518-451-537	2	Outward Restriction Feature — Description
518-451-538	2	Personal Line Access Feature — Description
518-451-539	2	Pooled Facilities — Button Access and Facilities Busy Indication Features — Description
518-451-540	2	Pooled Facilities — Dial Access Feature — Description
518-451-541	2	Power Failure Transfer Feature — Description
518-451-542	3	Tielines to Other PBX's Feature — Description
518-451-543	1	Prime Line Preference Ringing Line Preference, and Preselection Features
518-451-545	2	Touch-Tone Calling Feature
518-451-546	2	Station-to-Station Calling, Dial Access to Attendant, and Immediate Ringing Features — Description
518-451-547	2	Station Message Waiting Feature — Description
518-451-548	2	Station Call Transfer Feature — Description
518-451-549	2	Flexible DSS/Out Feature — Description
518-451-550	1	Intercept Treatment With Reorder Tone Feature
518-451-551	3	Direct Group Calling Feature — Description

Number	Issue	Subject
518-451-553	2	Busy Lamp Field Feature — Description
518-451-554	1	Call Park Feature — (Call Parking/Meet- Me-Conferencing/Call Transferring) Description — Type B+ Common Equipment
518-451-555	1	Station Call and Charge Registers, Station Check-In/Check-Out, and System Rate of Charge Features — Description — Type C Common Equipment
518-451-556	1	Attendant Message Waiting Feature — Description

518-453 SPIRIT® Communication System

■ 518-453-130	7/91	Roadrunner Source Book — SPIRIT® Guide for SUN* Computers NOTE: This book is included in 501-501-000 Document Set
518-453-710	1	SPIRIT Attendant User Guide
518-453-711	1	SPIRIT Attendant Installer's Guide
518-453-712	1	SPIRIT Attendant Interface Owner's Manual

518-455 PARTNER® Communication System

518-455-014	1	Using PARTNER, PARTNER PLUS, and PARTNER II with Centrex Services
518-455-016	1	Page Pac† PARTNER — Installation Guide
518-455-017	1	Page Pac PARTNER — Programming Guide
■ 518-455-040	1	MLS 6 Telephone Button Label (100 per package)
■ 518-455-041	1	MLS 12 Telephone Button Label (100 per package)
■ 518-455-042	1	MLS 18D Telephone Button Label (100 per package)
■ 518-455-043	1	MLS 34D Telephone Button Label (100 per package)
■ 518-455-044	1	MLS CA24 DSS Telephone Button Label (100 per package)

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Number	Issue	Subject	Number	Issue	Subject
518-455-045	1	MLS Series Telephone Tray Cards (7-94)	PARTNER Plus		
518-455-050	1	PARTNER Remote Administration Unit Installation And Use	518-455-204	1	Using PARTNER PLUS in Centrex Mode (Quick Reference Card)
■ 518-455-051	3/94	PARTNER Battery Backup Apparatus Installation Instructions	518-455-210	1	PARTNER PLUS Installation and User Guide
■ 518-455-060	1	PARTNER MLS-6 Phone Photos (25/pkg)	518-455-210EE	1	PARTNER PLUS Installation and User Guide (Eastern Europe)
■ 518-455-061	1	PARTNER MLS-12 Phone Photos (25/pkg)	518-455-212	1	PARTNER PLUS Communication System R3 Programming and Use
■ 518-455-062	1	PARTNER MLS-12D Phone Photos (25/pkg)	518-455-213	1	PARTNER PLUS R3 Installation and Ordering Guide
■ 518-455-063	1	PARTNER MLS-18D Phone Photos (25/pkg)	518-455-214	1	PARTNER PLUS R3 System Planner
■ 518-455-064	1	PARTNER MLS-34D Phone Photos (25/pkg)	518-455-215	1	PARTNER PLUS R3.1 Installation and Ordering Guide
PARTNER			518-455-216	1	PARTNER PLUS R3.1 MLS Series Telephone Quick Reference
518-455-110	1	PARTNER Installation and User Guide	518-455-216SP	1	PARTNER PLUS R3.1 MLS Series Telephone Quick Reference (Spanish)
518-455-110EE	1	PARTNER Installation and User Guide (Eastern Europe)	518-455-217	1	PARTNER PLUS R3.1 Programming and Use
518-455-110HU	1	PARTNER Installation and User Guide R2 (Hungarian)	518-455-217SP	1	PARTNER PLUS R3.1 Programming and Use (Spanish)
518-455-112	1	PARTNER R3 Installation and User Guide	518-455-218	1	PARTNER PLUS R3.1 Installation
518-455-113	1	PARTNER R4.0 Installation and Use	518-455-220	2	PARTNER PLUS Release 2 12D Overlay for Use with MLS 12 Button Telephones
518-455-114	1	PARTNER R4.0 Quick Reference for MLS Series Telephones	518-455-221	1	PARTNER PLUS Release 2 34D Overlay for Use with MLS 34 Button Telephones
518-455-130	1	Roadrunner Source Book for PARTNER/PARTNER PLUS NOTE: This book is included in 501-501-000 Document Set	518-455-222	1	PARTNER PLUS R4.0 Installation (8-94)
518-455-150	1	PARTNER Quick Reference Card	518-455-224	1	PARTNER PLUS R4.0 Programming and Use (8-94)
518-455-150EE	1	PARTNER Quick Reference (Eastern Europe)	518-455-250	1	PARTNER PLUS Quick Reference and User Guide
518-455-150SPD	1	PARTNER Quick Reference (Spanish R2)	518-455-250EE	1	PARTNER PLUS Quick Reference Guide (Eastern Europe)
518-455-152	1	PARTNER R3 User Quick Reference Card	518-455-250SP	1	PARTNER PLUS Quick Reference Guide (Spanish R2)
518-455-170	1	PARTNER Installation and Use (Eastern Europe)	518-455-252	1	Using PARTNER PLUS Communication System R3 Quick Reference Card
518-455-170EE	1	PARTNER Programming and Use (9-94)	■ 518-455-265	1	PARTNER 48/PLUS Programming and Use Guide (United Kingdom)
518-455-171	1	PARTNER Quick Reference (Eastern Europe)			
518-455-172EE	1	PARTNER Installation (9-94)			

Number	Issue	Subject	Number	Issue	Subject
518-455-266	1	PARTNER 48/PLUS Quick Reference for use with MLS Series Telephones (United Kingdom)	518-455-321	1	PARTNER II R1 34D Overlay
518-455-268	1	PARTNER 48/PLUS System Planner (U.K.)	518-455-325	1	PARTNER II R4.0 Installation (8-94)
518-455-270	1	PARTNER 48/PLUS Installation and Use Guide (Eastern Europe)	518-455-326	1	PARTNER II R4.0 Programming and Use (8-94)
518-455-270EE	1	PARTNER 48/PLUS Programming and Use Guide (9-94)	518-455-327	1	PARTNER II R4.0 Quick Reference for Use with MLS-Series Telephones (8-94)
518-455-271	1	PARTNER 48/PLUS Quick Reference for use with MLS Series Telephones (Eastern Europe)	518-455-328	1	PARTNER II R4.0 System Planner
518-455-272	1	PARTNER 48/PLUS System Planner R3.1 (Eastern Europe)	518-455-330	1	PARTNER II Centrex R1.0 — Parts, Tools, Test Equipment
518-455-273EE	1	PARTNER 48/PLUS Installation Guide (9-94)	518-455-351SP	1	PARTNER II Programming Quice Reference (Spanish)
			518-455-710	1	Partner Plus Attendant Installation and User
			518-455-910	1	Partner Customer Testimonial Video
PARTNER II			518-5 2A, 2B Key Telephone Systems		
518-455-305	1	PARTNER II R1 User's Quick Reference Card (MLS Telephone)	518-500-020IS	1	Merlin 1030/70 Installation Guide (9-84)
518-455-305SP	1	PARTNER II R1 User's Quick Reference Card (MLS Telephone) (Spanish)	518-510-100	1	Identification
518-455-306	1	PARTNER II R3 User's Quick Reference Card (MLS Telephone)	518-510-200	1	Installation and Maintenance
			518-510-400	1	Connections
			518-6 MERLIN®		
518-455-310	2	PARTNER II R1 Installation and User Guide	518-600-000IS	5	MERLIN 206/410 — Installation Guide
518-455-311	1	PARTNER II R3 Programming and User Guide	Addendum	1	
518-455-313	1	PARTNER II Installation Quick Reference Card	518-600-004	1	MERLIN Plus — R1: Installation Guide
518-455-315	1	PARTNER II R3 System Planner	518-600-005	1	MERLIN II — R1: Installation Guide
518-455-316	1	PARTNER II R3.1 MLS Series Telephone Quick Reference	518-600-006	1	MERLIN II — R1: Installation Manual
518-455-316SP	1	PARTNER II R3.1 MLS Series Telephone Quick Reference (Spanish)	518-600-008	1	MERLIN Plus — R2: Installation Manual
518-455-317	1	PARTNER II R3.1 Programming and Use	518-600-009	1	MERLIN II — FM2: Installation and Administration Guide
518-455-317SP	1	PARTNER II R3.1 Programming and Use (Spanish)	518-600-010IS	3	MERLIN 820 — Installation Guide
518-455-318	1	PARTNER II R3.1 Installation	518-600-011IS	1	MERLIN 820 — Service and Maintenance Manual
518-455-319	2	PARTNER II/PLUS R3.1 System Planner	518-600-012IS	1	MERLIN 206/410/820 — Service and Maintenance Manual
518-455-320	2	PARTNER II R1 12D Overlay			

Number	Issue	Subject	Number	Issue	Subject
518-600-016	1	MERLIN II — FM3, Installation, Administration, and Maintenance Guide	518-601 Merlin® Plus		
518-600-017	1	MERLIN II ATTENDANT — Installation, Administration, and Maintenance Guide	518-601-100	1	AT&T Merlin® Identifier Installation and Administration
518-600-021IS	1	MERLIN Models 1030/3070 — Service and Maintenance Manual	518-601-101	1	AT&T Merlin Identifier User — Quick Reference Card
518-600-025IS	1	MERLIN Models 1030/3070 Feature Module 3 — Supplement to Installation Guide	518-7 Switching System No. 400		
518-600-031	1	MERLIN UPAM-K Installation Manual	518-710-100	5	Identification
518-600-038	2	MERLIN II, Release 3 — Data Communications Guide	518-710-200	5	Installation
518-600-039	2	MERLIN II, Feature Module 2 — Data Communications Guide	518-710-400	5	J53035A, Lists 1 and 2 Cabinet Assemblies — Method of Connecting
518-600-040	1	MERLIN II R1 — Data Communications Guide	518-710-401	3	Method of Connecting — J53035A, Lists 3, 4, 8, and 9 Cabinet Assemblies
518-600-041	1	MERLIN Plus Attendant User Guide	518-710-402	3	J53035A, Lists 10 and 11 Cabinet Assemblies — Method of Connecting
518-600-042	1	MERLIN Plus Attendant Installers Guide	518-710-500	1	Alarm Circuit — Operation Tests
518-600-101SP	1	PARTNER Customization Chart (Spanish)	518-710-501	1	Key Telephone Line and Add-On Circuit — Operation Tests
518-600-106SP	1	PARTNER Programming Reference (Spanish)	518-710-502	1	Line, Link, and Marker Circuits — Operation Tests
518-600-107SP	1	PARTNER Programming Kit Release 2 (Spanish)	518-710-503	1	Junctor Circuits — Operation Tests
518-600-108SP	1	PARTNER Specification TBL (Spanish)	518-710-504	1	Dial Pulse Register Circuits — Operation Tests
518-600-110	1	Order Form GBS118 FM	518-710-505	1	Busy-Tone Trunk — Operation Tests
■ 518-600-130	7/91	Roadrunner Source Book for MERLIN 206/410/820 NOTE: This book is included in 501-501-000 Document Set	518-710-506	1	Call Progress Indicator Set — Operating Methods
■ 518-600-131	7/91	Roadrunner Source Book for MERLIN 1003/3070 NOTE: This book is included in 501-501-000 Document Set	518-710-507	1	Touch-Tone Calling — Operation Tests
■ 518-600-132	7/91	Roadrunner Source Book for MERLIN Plus/3070 NOTE: This book is included in 501-501-000 Document Set	518-8 Special Communications Systems		
518-600-133	11/91	Roadrunner Source Book for MERLIN II NOTE: This book is included in 501-501-000 Document Set	518-810 Paging Systems		
518-600-140	1	MERLIN II INNMANAGER*(Rg — Guest Relations System	■ 518-810-130	7/91	Roadrunner Source Book for Page Pac/3070 NOTE: This book is included in 501-501-000 Document Set

Division 529**Station Apparatus and Equipment Intended Solely for Specially-Engineered Lines — Not for General Telephone Use****529-0 Index****529-1 Telephone Set Components, Adjuncts, and Subscriber Sets****529-3 Business Sets****529-2 Telephone Sets****529-4 Consoles**

Number	Issue	Subject
529-0 Index		
529-000-000	44	Numerical Index — Division 529 — Station Apparatus and Equipment — Intended Solely for Specially-Engineered Lines — Not for General Telephone Use

529-1 Telephone Set Components, Adjuncts, and Subscriber Sets

❶	529-100-110	3	Handsets — G10-Type
❶	529-110-106	1	Subscriber Sets — 696A — Identification
❶	529-110-107	1	Subscriber Sets — 697A — Identification
❶	529-110-406	1	Subscriber Sets — 696A — Connections
❶	529-110-407	1	Subscriber Sets — 697A — Connections
❶	529-111-101	1	Ringer — R1A — Identification, Installation, Connections, and Maintenance
❶	529-111-102	1	D-18014 Kit of Parts
❶	529-120-106	3	Station Dials — 66 and 67 Types — Identification, Installation, Connections, and Maintenance
❶	529-120-112	1	Station Dial — 1008B-Type — Identification and Connections
❶	529-120-116	1	Station Dials — 1066-Type — Identification, Installation, and Connections

Number	Issue	Subject
❶ 529-122-101	3	Switch 270-Type — Identification, Installation, Connections, and Maintenance
❶ 529-130-100	1	KS-20161 and KS-20162 — Identification, Installation, Connections, and Maintenance
❶ 529-140-100	1	KS-22811L1 Voice Communication Module — Identification, Installation, Connections, Operation, and Maintenance

529-2 Telephone Sets

❶	529-202-102	1	222A — Identification, Installation, and Maintenance
❶	529-202-402	1	222A — Connections
❶	529-205-100	2	500AB and 500ABM — Identification, Installation, and Maintenance
❶	529-205-110	1	597AR — Identification and Connections
❶	529-205-134	2	568HN, 568HS, and 568HSM
❶	529-205-148	1	596E — Identification, Installation, Connections, and Maintenance
❶	529-205-400	2	500AB and 500ABM — Connections
❶	529-205-468	4	568HN, 568HS, and 568HSM — Connections
❶	529-206-122	2	643A3 — Identification, Installation, and Maintenance
❶	529-206-140	3	680- and 681-Type — Identification, Installation, Connections, and Maintenance
❶	529-206-443	1	643A3 — Connections
❶	529-225-102	4	2504B and 2504BM — Identification, Installation, Connections, and Maintenance
❶	529-225-125	2	2550 and 2551 Types — Identification, Installation, Connections, and Maintenance
❶	529-225-130	1	2554BF — Identification, Installation, Connections, and Maintenance
❶	529-225-134	4	2568-Type Telephone Sets
❶	529-226-113	1	2626A1 — Identification, Installation, Operation, Connections, and Maintenance
❶	529-226-142	2	2684- and 2685-Type

	Number	Issue	Subject
❶	529-227-107	1	2714A — Identification, Installation, and Maintenance
❶	529-227-414	1	2714A — Connections
❶	529-235-102	2	3504B/C — Identification, Installation, Connections, and Maintenance
❶	529-235-134	5	3568-Type Telephone Sets
❶	529-236-120	6	3640- and 3641-Types Telephone Set — Identification, Installation, Connections, and Maintenance
	Addendum	1	
❶	529-236-133	2	3666A1-Type — Identification, Installation, Operation, Connections, and Maintenance

529-3 Business Sets

529-301 Analog Business Sets

- 529-301-100 1 Talking Page Book — Analog

529-302 Digital Business Sets

- 529-302-100 1 Talking Page Book — Digital

529-4 Consoles

- ❶ 529-401-105 1 Selector Consoles — 5A1 — Identification
- ❶ 529-401-405 1 Selector Console — 5A1 — Connections

Division 530

Consumer Products

530-0 Index, Common Documents

530-1 Telephones

-151 Video Telephones

Number	Issue	Subject
530-0 Index, Common Documents		
530-000-000	2	Numerical Index — Division 530 — Consumer Products

530-1 Telephones

530-151 Video Telephones

530-151-002	1	Introducing the AT&T 2500 Videophone (Brochure)
530-151-003	1	Videophone 2500 Fact Sheet

Division 533**Large Business Systems (Private Branch Exchanges)
— Customer Premises Systems and Customer Services Provided by ESS™ Switches****533-0 Index, Common Documents****-099 Customer Information Releases (CIRs)****533-1 Attendant Services****533-2 ACD Services**

- 200 Phase 1 ACD-ESS™ Customer Premises Equipment — 60A CPS, 90A CPS, and 90B CPS
- 205 60B Customer Premises System — Phase 2 ACD-ESS
- 210 AEMIS (ACD-ESS Management Information System) — Phase 2
- 211 ACD-ESS 12A CIS (Customer Information System) — Phase 2

533-3 Hotel/Motel Services**533-4 ERS (Emergency Reporting Services)**

- 400 E911 System Answering Point
- 401 E9-1-1 CALL-STALKER® Service
- 402 5ESS® E 9-1-1 Service
- 409 Customized Public Safety Systems

533-5 Network Control Services

- 500 CNCCS (Customer Network Control Center System)
- 501 SDN (Software Defined Network)

533-6 Applications Processor Services

- 600/605 Advanced Communications Package
- 615 BCP (Basic Communication Package)
- 620 Application Processor Translators
- 622 CDRP (Call Detail Recording Platform)

533-7 ISDN (Integrated Systems Digital Network)

- 533-700 ISDN — Applications
- 533-705 ISDN — 5ESS Interface

533-9 Miscellaneous Services

Number	Issue	Subject
533-0 Index, Common Documents		
533-000-000	63	Numerical Index — Division 533 — Customer Premises Systems and Customer Services Provided by ESS™ Switches (5-95)
533-000-001	19	Interdivisional Alphanumeric Index — ESS-Provided Services
533-099 Customer Information Releases (CIRs)		
533-099-002TD	1	Simplex Voiceband Digital Interface Specification, Switching Systems
533-099-003NP	1	3A Simplified Message Service Interface Translator Available for 5ESS® Switch, Switching Systems
533-099-004NP	1	Advance Communications Package (ACP) New Feature
533-099-005NP	1	AT&T's Basic Communications Package (BCP) Connects to Northern Telecom's DMS* 100 Switch, Switching Systems
533-099-006 NP	1	Advanced Communications Package Central Office-Based Capability (CO-ACP), Switching Systems
533-099-007 MG	1	Spaces Exchange Service for Translator Equipment (SES-AP), Switching Systems
533-099-008 MR	1	3A Simplified Service Interface (SMSI) Class "A" Change Notice (CN) for Inter Switch Voice Messaging (ISVM), Switching Systems
533-099-009IR	1	Local Area Signaling Services (LASS) Protocol for Analog Calling Name Delivery (ACND), Switching Systems
533-099-010NP	1	AT&T Basic Communications Package (BCP)-Version 4 Introduces the Interface to AT&T PBX Switches and the Common Record Format, Switching Systems

* DMS is a registered trademark of Northern Telecom, Inc.

Number	Issue	Subject
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533-1 Attendant Services

533-100-101	1	50A — Attendant and Station Equipment — Method of Operation
❶ 533-100-601	1	50A — Business Services — Traffic Engineering
▲533-101-000	2	50B — Installation, Test, and Maintenance
533-101-100	3	50B — Theory of Operation and Descriptive Information
533-101-200	2	50B — Identification
533-101-300	2	50B — Preinstallation
533-110-100	1	51A — Installation and Connections for Centrex CO Service — 1 and 1A ESS Switches
533-110-101	1	51A — Attendant and Station Equipment — Method of Operation — 1 and 1A ESS Switches
533-110-102	1	51A — Attendant and Station Equipment — Method of Operations — 2 ESS Switch
533-110-105	1	51A — Centrex Data Link and Console Demand Exercise — Fault Location Procedures — 2 ESS Switch
533-110-106	1	51A — Centralized Attendant System — Method of Operation — 1 and 1A ESS Switches
533-110-107	1	51A — Centrex Data Link and Console Demand Exercise — Fault Location Procedures — 1 and 1A ESS Switches
533-110-108	1	51A — Console Control Cabinet — Trouble Locating Procedure — 1 and 2 ESS Switches
❶ 533-110-601	1	51A — Business Services — Traffic Engineering

533-2 ACD Services**533-200 Phase 1 ACD-ESS Customer Premises Equipment — 60A CPS, 90A CPS, and 90B CPS**

533-200-100	1	Descriptive and Theory of Operation
533-200-200	1	Identification
533-200-300	1	Preinstallation
533-200-601	1	Traffic Engineering

Number	Issue	Subject
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533-205 60B Customer Premises System — Phase 2 ACD- ESS

▲533-205-000	4	Installation, Test, and Maintenance
533-205-100	2	Theory of Operation and Descriptive
533-205-200	3	Identification
533-205-300	3	Preinstallation
533-205-600	1	Traffic Measurements
❶ 533-205-601	1	Traffic Engineering

533-210 AEMIS (ACD-ESS Management Information System) — Phase 2

▲533-210-000	3	Installation, Test, and Maintenance
533-210-100	3	Descriptive
533-210-200	3	Identification
533-210-300	3	Preinstallation
533-210-601	2	Traffic Engineering

533-211 ACD-ESS 12A CIS (Customer Information System) — Phase 2

533-211-100	2	Descriptive
533-211-200	2	Identification
533-211-300	2	Preinstallation
533-211-600	1	Traffic Engineering

533-3 Hotel/Motel Services

533-300-100	1	90A — For ESS™ Message Register Service — Operation and Descriptive
533-300-200	1	90A — For ESS Message Register Service — Identification and Preinstallation
▲533-305-000	1	90B Customer Premises System
▲533-310-000	1	90A — For Use With ACD Functional Group Administration

533-4 ERS (Emergency Reporting Services)**533-400 E911 System Answering Point**

▲533-400-001	1	Installation Test Maintenance
533-400-101	2	System Description

Number	Issue	Subject	Number	Issue	Subject
533-400-301	2	Preinstallation and Planning	533-401-319	1	CallStalker 9-1-1 Fault Tolerant/Automatic Location Identification (FT/ALI) System User's Guide
533-401 E9-1-1 CALL-STALKER® Service			533-401-331	1.1	CALL-STALKER 9-1-1 Fault Resistant Database Management System (FR/DBMS) — Clerical Reference Manual
533-401-010	7	E9-1-1 Automatic Location Identification (ALI) Database Management System (DMS) Planning Guide	533-401-335	1	CALL-STALKER 9-1-1 Fault Resistant Database Management System (FR/DBMS) — ARCS Feature Package Administrator Guide
533-401-015	9	E9-1-1 Automatic Location Identification (ALI) Database Management System (DMS) Administrator's Manual	533-401-350	1	ISDN Total Digital PSAP User's Guide (3-95)
533-401-020	1	E911 Marketing Folder With 4 Fact Sheets	533-401-351	1	ISDN Total Digital PSAP Installation Guide (3-95)
533-401-021	1	ALIVE (Fact Sheet)	533-401-501	3	CALL-STALKER System Installation Manual
533-401-022	1	ALI/DMS (Fact Sheet)	533-401-503	3.2	CALL-STALKER E9-1-1 System Enhanced PSAP Integrated Controller (EPIC) 1A2/Inband Service Manual Large and Mini EPIC
533-401-023	1	Intelligent PSAP (Fact Sheet)	533-402 5ESS E 9-1-1 Service		
533-401-026	1	CALL-STALKER Mini EPIC	533-402-120	1	5ESS Switch Enhanced 911: Network Architecture, Service Considerations, and Transitioning Guide (10-92)
533-401-301	7	E9-1-1 Automatic Location Identification (ALI) Database Management System (DMS) Operations Manual	533-402-201	1	Enhanced 9-1-1 Service Adjunct (ESA) Operations and Maintenance Guide Release 2
533-401-303	2	CALL-STALKER E9-1-1 Telecommunicator's Guide	Addendum	1.1	
533-401-307	9	E9-1-1 Automatic Location Identification (ALI) Database Management System (DMS) User's Manual	533-402-202	1	Enhanced 9-1-1 Service Adjunct (ESA) Input Command and Output Message Reference Manual Release 2
533-401-310	1	CALL-STALKER IMRS User Guide	533-402-203	2	Enhanced 9-1-1 Service Adjunct (ESA) Site Preparation Guide Release 2
533-401-312	2	CALL-STALKER PC ALI/DBMS User's Guide	Addendum	1.1	
533-401-313	1	CALL-STALKER ISDN PSAP System Installation Guide	533-402-204	1	Enhanced 9-1-1 Service Adjunct (ESA) Error Message Reference Manual Release 2
533-401-314	3.1	CALL-STALKER Intelligent PSAP Display (IPD) Installation and Maintenance Guide	533-409 Customized Public Safety Systems		
533-401-315	3.1	CALL-STALKER E9-1-1 Intelligent PSAP Display (IPD) User's Guide	■ 533-409-100	1	Public Safety Systems — Chicago O'Hare Communications Center — Interface Control Document
533-401-316	1	CALL-STALKER ISDN PSAP Operation and Administration Guide			
533-401-317	1.2	CALL-STALKER 9-1-1 Fault Tolerant Automatic Location Identification (FT/ALI) System with Distribution Devices			
533-401-318	1	CallStalker 9-1-1 Fault Tolerant/Automatic Location Identification (FT/ALI) System Operation, Administration and Maintenance Guide			

Number	Issue	Subject	Number	Issue	Subject
533-5 Network Control Services					
533-500 CNCCS (Customer Network Control Center System)					
533-500-100	3	21A Customer Information System (CIS) — Descriptive	■ 533-501-029	1	AT&T SDN Billing Edge Desktop Analysis Software Report Reference Manual (5-94)
533-500-101	2	21B Customer Information System (CIS) — Descriptive	■ 533-501-030	1	SRS Software Documentation Guide (5-94)
533-500-200	3	21A Customer Information System (CIS) — Identification	■ 533-501-031	1	SRS Documentation Only (5-94)
533-500-201	2	21B Customer Information System (CIS) — Identification	533-501-032	1	AT&T SDN Billing Edge for Windows On-Line Help Manual (5-94)
533-500-300	3	Preinstallation	■ 533-501-033	6/94	SDN Intrastate/Intralatta Sales Kit
533-500-301	2	21B Customer Information System (CIS) — Preinstallation	■ 533-501-035	1	AT&T SDN OneNet Billing Reference Manual
			■ 533-501-036	9/94	AT&T SDN OneNet Billing Call Detail Tape Guide (Outbound - SDN)
533-501 SDN (Software Defined Network)			■ 533-501-037	1	AT&T SDN OneNet Call Detail Tape Documentation (Inbound - 800) (8-94)
533-501-010	1	SDN Express Connect — Sales Kit	■ 533-501-038	3/95	AT&T SDN OneNet Invoice Tape Documentation (3-95)
Addendum	1		■ Addendum	1	
533-501-011	1	SDN Network Management — Sales Kit	■ 533-501-039	1	AT&T SDN Billing Edge Report Reference Manual for OneNet (8-94)
533-501-012	1	SDN Office On the Move — Sales Kit	533-501-040	9/94	AT&T SDN OneNet Billing Edge Desktop Analysis Software for Windows Online Help Guide
533-501-013	1	SDN Access — Sales Kit	533-501-042	1	SDN OneNet Call Tape Matrix (5-95)
533-501-014	1	SDN Billing — Sales Kit	Addendum	2	
533-501-015	1	SDN Security — Sales Kit	■ 533-501-100	11	SDN Service — Management Systems — User's Guide
533-501-016	1	SDDN Item Sales Kit	■▲Addendum	1	
533-501-017	1	SDN International — Sales Kits	533-501-105	2.2	ACCUMASTER® Services Workstation SDN — Information/Management User Guide
Addendum	5/93		■▲Addendum	1	
533-501-018	1	SDN Service and Support Sales Kit	① 533-501-110	4.2	SDN Customer Traffic Data Report
533-501-019	1	Introduction to Your New SDN Bill	533-501-113	1	SDN Installation Updates — Administrator's Reference Guide
Addendum	1		533-501-120	4.3	SDN Direct Access Trunk Test System — User Guide
■④533-501-020	2	Touring SDN Network Management (3 1/2" Diskette)	■ 533-501-130	1	SDN Authorization CD Management System User Guide
533-501-025	12/93	SDN The Best in Business Outbounding Networking Services	Addendum	3	
533-501-026	12/93	Small or Large Sales Kit	■ 533-501-131	2.1	ACCUMASTER Service Workstation
■ 533-501-027	3.0	AT&T SDN Customer Direct/NAS User's Guide Release 3.0			
■ 533-501-028	1994	AT&T SDN Billing Edge Desktop Analysis Software for Windows Package NOTE: Includes CD-ROM, 533-501-029, and Quick Start Guide			

Number	Issue	Subject	Number	Issue	Subject
■ Addendum	1		533-501-224	5/95	AT&T VTNS Invoice Tape Documentation
■ 533-501-132	2.2	SDN Planning and Configuration	533-501-225	5/95	AT&T VTNS Call Detail Tape Documentation (SDN)
■ 533-501-140	2	SDN Information and Management System Training Program	533-501-226	5/95	AT&T VTNS Call Detail Tape Documentation (800)
533-501-145	1	SDN Information and Management System — Customer Access Guide			
533-501-150	2.1	SDN Network Remote Access Monitoring System			
■ Addendum	1/95				
533-501-160	9	SDN Customer Network Administration Reports — Users Guide			
533-501-163	1	SDN User's Application Guide			
533-501-164	6/94	AT&T SDN Billing Call Detail Magnetic Tape Guide Documentation			
■ Addendum	1/95				
■ 533-501-165	9	SDN Customer Network Administration Reports (CNAR) System — AT&T User's Guide			
533-501-166	3/95	AT&T SDN Invoice Magnetic Tape Guide Documentation			
533-501-168	1	SDN OneNet Call Tape Matrix (5-95)			
533-501-171	6/93	SDN NRA Plus Order Forms Used With Methods and Procedures			
533-501-201	2	ATT VTNS (Virtual Telecommunications Network Service) Getting Started Package			
533-501-203	1	Dialing Instructions for Calling Card Services			
■ Addendum	1				
533-501-210	3	ACCUMASTER Services Workstation			
533-501-211	3	SDN Network Manager Rel. 3.0 Installation Guide			
533-501-220	5/95	AT&T VTNS Billing Reference Manual			
533-501-221	5/95	AT&T VTNS Billing Edge Desktop Analysis Software for Windows VTNS Software Package			
533-501-222	5/95	AT&T VTNS Billing Edge Desktop Analysis Software for Windows VTNS Report Reference Guide			
533-501-223	5/95	AT&T VTNS Billing Edge Desktop Analysis Software for Windows VTNS On-line Help Guide			

533-6 Applications Processor Services

533-600/605 Advanced Communications Packages

① 533-600-120	2	Administration Manual
533-600-505	1	Customer Message Center System — User Guide
533-600-515	1	Customer Station Rearrangements — User Guide
① 533-600-535	1	Facilities Management System User Guide
① 533-600-565	1	Electronic Directory Service — User Guide
① 533-603-001	1	System Administration
① 533-603-002	1	Business Customer Administration
① 533-603-003	1	Advanced Station Message Detail Reporting — User Guide
① 533-603-007	1	Facilities Management System — User Guide
① 533-603-008	1	Traffic Data System — User Guide
① 533-603-009	1	Automatic Circuit Assurance — User Guide
533-603-010	1	Directory Data Base Administration
533-604-002	2	Business Customer Administration
533-604-003	2	Advanced Station Message Detail Reporting — User Guide
533-604-007	1	Facilities Management System — User Guide
533-604-009	1	Automatic Circuit Assurance — User Guide
533-604-011	2	Documentation Guide
533-604-100	2	ACP Information Guide
533-604-130	2	ACP Quick Reference Guide
533-605-130	2	ACP Quick Reference Guide
533-605-201	1	A Guide to INGRES
533-605-202	1	INGRES/FORMS: Visual-Forms-Editor (VIFRED) — User's Guide

Number	Issue	Subject	Number	Issue	Subject
533-605-203	1	INGRES/FORMS: Report-By-Forms — User Guide	ACP Version 7		
533-605-206	2	3A SMSI Translator — User Guide	Addendum	1	
533-605-301	1	System Administration	533-605-501	1	Advanced Communications Package Administration (9-92)
533-605-304	1	Customer Message Service System — User Guide	533-605-502	1	Advanced Communications Package Business Customer Administration
533-605-307	1	ACP Facilities Management System — User Guide V5	533-605-503	1	Advanced Station Message Detail Reporting
533-605-308	1	Traffic Data System — User Guide	Addendum	1	
533-605-311	1	Documentation Guide	533-605-504	1	ACP Customer Message Service System (9-92)
533-605-314	1	Centralized Message Detail Recording — User Guide	Addendum	1	
533-605-315	1	User Application Interface — User Guide	533-605-505	1	Electronic Directory Service (9-92)
ACP Version 6			533-605-506	1	Advanced Communications Package Error Reference Manual
533-605-402	1	Advanced Communications Package Business Customer Administration	533-605-507	1	Facilities Management System
533-605-404	1	Customer Message Service System	533-605-510	1	Directory Database Administration
533-605-405	1	Electronic Directory Service	Addendum	1	
533-605-406	1	Advanced Communications Package Error Reference Manual	533-605-512	1	Operations, Recovery & Maintenance (12-92)
533-605-407	1	Facilities Management System	Addendum	1	
533-605-408	1	ACP Traffic Data System User Guide	533-605-514	1	ACP Customer Message Detail Recording (9-92)
533-605-411	1	ACP Documentation Guide	533-605-516	1	Advanced Station Message Detail Reporting Central Office Application
533-605-412	2	ACP Program Operations, Recovery & Maintenance Guide V6	Addendum	1	
533-605-413	1	Advanced Communications Package Telecommunications Resource Management Package User Guide	533-605-517	1	Electronic Directory Service Central Office Application (9-92)
533-605-414	1	Centralized Message Detail Record	533-605-518	1	Business Customer Administration Central Office Application
533-605-420	1	Traffic Engineering Data (TED) Automatic Circuit Assurance (ACA)	533-605-519	1	Directory Database Administration Central Office Application
533-605-450	1	Advanced Communications Package (ACP) System Description and Product Specification Version 6	533-605-520	1	Traffic Engineering Data (TED) Automatic Circuit Assurance (ACA)
533-605-451	1	Advanced Communications Package (ACP) System Product Specification	533-605-521	1	CMSS Attendant Quick Reference Guide
			533-605-522	1	ACP General Section with Binder and Tabs for -502, 503, 504, 505, 507, 510, 514, 516, 517, 518, 519, 520, 521, & 523
			533-605-523	1	Directory Database Information

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		533-615-006	1	Dial-Up Traffic Data — User's Guide
533-605-525	1	Advanced Communications Package — Telecommunications Resource Management System — User Guide	533-615-010	1	Documentation Guide
533-605-526	1	Advanced Communications Package — Telecommunications Resource Management Package — Administrator Guide	BCP Version 2		
533-605-527	1	Advanced Communications Package — Terms Information Guide	533-615-101	1	Administration and Maintenance Guide
533-605-528	1	Advanced Communications Package — Telecommunications Resource Management System Implementation Guide Information Guide	533-615-102	2	Information Guide
533-605-531	1	Basic Customer Message Service (BCMS)— Quick Reference	533-615-105	1	Installation Guide
533-605-532	1	Electronic Directory Service — Central Office Quick Reference	533-615-106	1	Dial-in User's Guide
Addendum	1		533-615-109	1	System Description and Product Specification
533-605-550	1	Advanced Communications Package System Description (9-92)	533-615-110	1	Documentation Guide
Addendum	1		533-615-201	1	Administration and Maintenance Guide
533-605-551	1	Advanced Communications Package— Product Specification (9-92)	533-615-203	1	Output Specification
533-610 ACP Versions 5 and 6 — Central Office Application			533-615-209	1	System Description and Product Specification
533-610-402	1	Business Customer Administration Central Office Application	533-615-250	1	BCP Applications Processor Interface Translator
533-610-403	1	Advanced Station Message Detail Reporting Central Office Application	533-615-300	1	BCP Operations Manual
533-610-405	1	Electronic Directory Service Central Office Application	533-615-301	1	BCP Administrator's Guide
533-610-410	1	Directory Database Administration Central Office Application	533-615-303	1	BCP Output Specification
533-615 BCP (Basic Communications Package)			533-615-304	1	BCP Site Preparation Guide
BCP Version 1			533-615-305	1	BCP Installer's Guide
533-615-001	1	Administration and Maintenance Guide	533-615-306	1	BCP Dial-In User's Guide
533-615-004	1	Site Preparation Guide	533-615-309	1	BCP Product Specification
■ 533-615-005	1	Installation Guide	533-615-310	1	BCP Documentation Guide
			533-615-311	1	BCP System Description
			533-615-312	1	BCP Hardware Configuration
			533-615-313	1	BCP Traffic Surveillance User's Guide
			533-615-320	5/91	BCP Operators Manual (Binder Only)
			533-615-400	1	BCP Binder and Text includes: -401, 403, 404, 405, 406, 409, 410, 411, 412, 413, 420
			533-615-401	1	BCP Administrator Guide
			533-615-403	1	BCP Output Specification
			533-615-404	1	BCP Site Preparation Guide
			533-615-405	1	BCP Installers Guide
			533-615-406	1	BCP Dial-N Users Guide
			533-615-409	1	BCP Product Specification
			533-615-410	1	BCP Documentation Guide
			533-615-411	1	BCP System Description
			533-615-412	1	BCP Hardware Configuration Guide

Number	Issue	Subject	Number	Issue	Subject
533-615-413	1	BCP Traffic Surveillance User's Guide	533-7 ISDN (Integrated Systems Digital Network)		
533-615-420	1	BCP Operators Manual (Binder Only)	533-700 ISDN — Applications		
533-620 AP Translators			533-700-100	7	Customer Premises Equipment (CPE) Planning Guide (3-94)
533-620-110	4	3A Simplified Message Service Interface (SMSI) Translator Universal Design User's Manual (8-92)	533-700-105	6	Custom Integrated Services Digital Network — Services and Capabilities Planning (7-92)
533-620-120	2	BCP API Translator Universal Design User's Guide	Addendum	2	
533-620-130	3	5ESS Switch Message Detail Recording Translator (MDR) Translator Universal Design User's Guide (11/93)	533-700-106	2	5ESS Switch National ISDN Services and Capabilities Planning for 5E8 Software (1-93)
533-620-140	2	Property Management Interface Translator (PMIT) Translator Universal Design User's Manual	533-700-115	3	Custom ISDN Terminal User Guide
533-620-150	1	SCA Translator Universal Design User's Manual	533-700-116	1	National Integrated Services Digital Network — Customer Premises Basic Features (11-92)
533-620-160	1	Micro Electronic Directory System (MEDS) Translator Universal Design User's Guide	533-700-120	1	Network Termination Type 1 — NT1-200 Series — User's Manual
533-620-161	1	Micro Electronic Directory System (MEDS) — Quick Reference Guide"	533-700-200	4	ISDN Attendant Console — Administration Manual (6-92)
533-620-165	1	SIMUNET™ Switched DS1 System — Operations Guide (12-92)	533-700-210	4	Attendant Console — User Operation (6-92)
533-620-170	2	Translation Language PL1 Processor User's Guide (2-95)	533-700-300	1	Integrated Services Digital Network — Digital Multi-Button Key Service — Planning 6500 Sets
533-620-180	1	Message Detail Recording (MDR) Translator — Models: MDR Plus/MDR JR User's Guide (4-95)	533-700-310	1	National and Custom ISDN Feature Comparison Guide
533-620-190	1	Public Safety ALI Translator (PSAT) (3-95)	533-700-400	2	ISDN Troubleshooting Guide
533-622 CDRP (Call Detail Recording Platform)			■ 533-700-500	1	AT&T ISDN Client Software Profile Version 2.0
533-622-101	1	CDRP Input Commands Guide Note: To order call 614-764-5767	■ 533-700-501	1	AT&T ISDN Client Software Profile Version 3.0
533-622-102	1	CDRP Operations, Administration, and Maintenance Guide Note: To order call 614-764-5767	533-705 ISDN — 5ESS Interface		
533-622-103	1	CDRP Output Messages Guide Note: To order call 614-764-5767	533-705-101	1	5ESS® Switch MDR Translator
533-622-104	1	CDRP Task Oriented Practices Note: To order call 614-764-5767	Addendum	2	
			533-705-200	2	Integrated Services Digital Network (ISDN) Application Programming Interface — Programmer's Reference Manual (7-92)

Number	Issue	Subject
533-9 Miscellaneous Services		
533-900-100	1	91A — Description, Identification, Preinstallation, Installation, and Maintenance
533-901-100	1	93A Customer Premises System — Description
533-901-200	1	93A Customer Premises System — Identification and Preinstallation

Division 534
**Sections Applying to More Than One PBX Series
500, 600, 700, and 800 Series
Manual and Dial PBX**
534-0 Indexes and Equipment Test List**534-3 Manual and Dial PBX****534-4 Manual PBX Switchboards****534-5 Ancillary Equipment Miscellaneous****534-6 Automatic Number Identification (ANI) Equipment**

Number	Issue	Subject
534-0 Indexes and Equipment Test List		
534-000-000	48	Numerical Index — Division 534 — Sections Applying to More Than One PBX Series — 500, 600, 700, and 800 Series — Manual and Dial PBX
534-001-010	4	Business Systems — Analysis and Maintenance Plan (BSAMP)
534-001-011	2	ETL
534-3 Manual and Dial PBX		
534-360 Power Equipment Inspections		
534-360-535	1	Fuses and Fuse Panels — Inspections
534-360-630	1	Power Panels — Tests and Inspections
534-362 Range Charts — PBX Trunk and Station Conductor Loop		
534-362-151	2	Connected to No. 1 Crossbar Central Office Having 1300-Ohm Subscriber Conductor Loop — 400-Ohm Talking Battery Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 48V (Floating)

Number	Issue	Subject
534-362-152	3	Connected to No. 1 Crossbar Central Offices Having 1300-Ohm Subscriber Conductor Loop — 520-Ohm Talking Battery Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 48V (Floating)
534-362-153	1	Connected to Panel Central Offices Having 1300-Ohm Subscriber Conductor Loop — 140-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 48V (Floating)
534-362-154	1	Connected to Panel Central Offices Having 785-Ohm Subscriber Conductor Loop — 50-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 24.5V (Floating)
534-362-155	1	Connected to Panel Central Offices Having 635-Ohm Subscriber Conductor Loop — 50-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 21V (Floating)
534-362-156	2	Connected to No. 5 Crossbar Central Offices Having 1360-Ohm Subscriber Conductor Loop — 400-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 48V (Floating)
534-362-157	2	Connected to No. 5 Crossbar Central Offices Having 1430-Ohm Subscriber Conductor Loop — 400-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) Office Voltage of 48V (Floating)

Number	Issue	Subject	Number	Issue	Subject
534-362-158	2	Connected to Step-by-Step Line Finder Central Offices Having 885-Ohm Subscriber Conductor Loop — 400-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88 VAC Component) — Office Voltage of 48V (Floating)	534-364-211	2	Tie Trunk J58824BC and J58824BY (SD- 65718-01) — Identification and General Installation Procedures — PBX Systems
534-362-159	2	Connected to Step-By-Step Line Finder Central Offices Having 1300-Ohm Subscriber Conductor Loop — 400-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 48V (Floating)	534-364-212	1	J59204 Electronic Tie Trunk (ETT) SD-1E500-01, SD-1E500-02 — Identification, Installation, and Connections — PBX Systems
534-362-160	2	Connected to No. 1 ESS™ Central Offices Having 1360-Ohm Subscriber Conductor Loop — 388- to 461-OHM Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 48V (Floating)	534-364-300	1	J59204 Electronic Tie Trunk (SD-1E500-01 and SD-1E500-02) Trouble-Locating Procedures and Diagnostic Tests — PBX Systems
534-364 Tie Trunks			534-364-501	1	Tie Trunk Circuits SD-65718-01, SD-65718-02, and SD-66799-01 — Pulsing Tests and Requirements Using Pulse Repeating Test Set SD-31667-01 (J34720A) and Pulsing Test Set SD-31481-01 (J34717A) — SXS and Crossbar-Type PBX
534-364-100	2	HJ12 Repeater SD-1E501-01 — Description and Tests — For Use With Electronic Tie Trunk (ETT) SD-1E500-01 and SD-1E500-02	534-364-502	1	Tie Trunk Circuits SD-65718-01, SD-65718-02, and SD-66799-01 — Pulsing Tests and Requirements — Using 2B-1 Signaling Test Set SD-56134-02 (J64730B and Associated Pulse Repeating Adapter SD-56134-02 (J64730D) — Step-by-Step and Crossbar-Type PBX
534-364-180	3	HJ12 Repeater (SD-1E501-01) — Method for Generating Prescription Settings for Equalization and Gain When Used With Another HJ12 Repeater or Metallic Facility Terminal Repeater — Nonloaded and Loaded Cable Facilities	534-366 Touch-Tone Calling Equipment		
534-364-181	2	HJ12 Repeater (SD-1E501-01) Method for Generating Prescription Settings for Equalization and Gain When Used With V4 Repeater or Other Cable Terminating Equipment Which Uses V4 Equalization Techniques for Nonloaded Cable Facility	534-366-210	2	Local Touch-Tone Conversion Equipment J58847N-1 — Identification, Installation, and Connections — Manual and Crossbar Type PBX's
534-364-210	3	J58824CF (SD-65718-02) — Identification and General Installation Procedures — PBX Systems	534-366-211	2	Centralized Touch-Tone Conversion Equipment J99322 — Identification, Installation, and Connections — PBX Systems
			534-366-212	1	Link Access Touch-Tone Calling Using Link Circuit (SD-5E071-01) With Manual, 756A, 757A, 770A, 800A, 801A and 812A PBXs — Identification, Installation, Connections and Operation Tests

Number	Issue	Subject
534-366-501	2	Local Touch-Tone Calling Equipment — Operation Tests — Using Solid State Converter and Receiver Test Set Circuit SD-66890-01 (J58847M) — Manual, Crossbar, and Electronic PBX Systems
534-366-502	2	Centralized Touch-Tone Calling Converter Equipment — Operation Tests — Using Solid State Converter and Receiver Test Set Circuit SD-66890-01 (J58847M) — PBX Systems

534-367 Environmental Systems

Addendum	1	
534-367-201	2	ED-1E267 — PBX Filter-Ventilator System — Identification, Installation, and Maintenance

534-4 Manual PBX Switchboards**534-400 General**

534-400-110	1	Fundamental Circuit and Operating Features — Common Manual PBX Switchboards
534-400-565	3	General Inspection

534-405 Attendant Circuits

534-405-665	1	Attendant Telephone and Dialing Circuit — Tests and Inspections — 550B, 550C, 550SC, 551A, 551B, 551D, — 552A, 552B, 552D, 552E, 600C, 605A, and 700C PBX
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534-413 Blind Attendant or Visually Impaired Equipment

534-413-210	2	Blind Attendant Equipment — Lamp Signal Detector SD-65930-01 and Associated Equipment — Identification and Installation Nonmultiple PBX Switchboards
534-413-211	1	Visually Impaired Attendant Service — 990A Light Sensor and 87A Control Unit Used With PBX Consoles — Description, Installation, and Method of Operation

Number	Issue	Subject
534-413-501	1	Blind Attendant Equipment Using Lamp Signal Detector Circuit SD-65930-01 — Operation Test Nonmultiple PBX Switchboards
534-413-502	1	Visually Impaired Attendant Service — 990A Light Sensor and 87A Control Unit Used With PBX Consoles — Maintenance and Trouble Locating Procedures

534-420 Manual Conference Circuits

534-420-210	5	With Voice Repeater SD-65719-01 — Installation — 550B, 550C, 550SC, 551A, 551B, 551D, 552A, 552B, 552D, 552E, 555, 556A, 605A, 606B, 607A, 607B, 608A, and 608D PBX
534-420-220	2	With Voice Amplifier SD-65738-01 — Installation — 552A, 552B, 552D, 552E, 556A, 605A, 606B, 607A, 607B, 608A, 608B, and 608D PBX Switchboards
534-420-510	5	Without Voice Repeater or With Voice Repeater SD-65719-01 — Operation Tests — 550, 551, 552, 555, 556A, 557A, 600, 605, 607, 608A, and 608D PBX Switchboards
534-420-511	3	With Voice Repeater SD-65719-01 — Overall Transmission Tests — 550, 551, 552, 555, 556A, 557A, 600, 605, 606, 607, and 608A PBXs
534-420-520	2	With Voice Amplifier SD-65738-01 — Transmission and Operation Tests — 552A, 552B, 552D, 552E, 556A, 605A, 606B, 607A, 607B, 608A, and 608D PBX Switchboards

534-430 Cord Circuits

534-430-520	4	Manual Tests — 550C, 550SC, 551A, 551B, 551D, 552A, 552B, 552D, 552E, 600C, 605A, and 700C PBX
534-430-525	3	Operation Tests — Using PBX Cord Circuit Test Set J54703A — 550C, 550SC, 551A, 551B, 551D, 552A, 552B, 552D, 552E, 600C, 604C, 605A, and 700C PBX

Number	Issue	Subject
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534-5 Ancillary Equipment Miscellaneous**534-500 Miscellaneous**

534-500-201	2	Plastic Bulletin Holders — Installation — 550, 551, 552, 555, 556, 600, 605, and 606 PBX
534-500-207	4	9A Handset Hangers — Identification and Installation — Non-multiple PBX Switchboards
534-500-214	1	Plugshelf Facing Caps — Installation — 551, 552, 605, and 607 PBX

534-555 Station Line Circuit (Extension Lines)

534-555-530	2	Dial Extension Lines — Jack Circuit Tests — 552A, 552D, and 605A PBX
534-555-600	3	Manual Extension Lines — Relay, Jack, and Lamp Circuit Tests — 552A, 552D, and 605A PBX

534-565 Trunks

534-565-100	3	Loudspeaker Paging Trunk SD-66883-01 — Identification, Installation, and Connections — 608-, 701-, 711-, and 740- Type PBX
Addendum	1	
534-565-200	1	Remote Access Unit — SD-1E502-01 — Description, Installation, and Maintenance Information
534-565-500	3	Attendant Trunks — Jack, Lamp, and Register Circuit Tests — 552A, 552D, 605A, 607A, and 607B PBX

Number	Issue	Subject
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534-565-505	4	Attendant Central Office Trunks — Operation Tests — 552A, 552D, and 605A PBX
534-565-512	1	Manual PBX Access Line Circuit SD-1E046-01 — In-Service Tests — 551A, 551B, 552A, 552B, 552D, 552E, 555, 556A, 605A, 608A, 608B, and 608D PBX
534-565-565	3	Intercepting Trunks — Jack and Lamp Circuit Tests — 552A, 552D, and 605A PBX
534-565-620	3	Outgoing Tandem Trunks — For Official PBX Service — Operation Tests — 552A, 552B, 552D, 552E, 605A, 606A, 606B, 607A, 607B, 608A, 608D, and 700C PBXs
534-565-665	2	Trunk Circuits — For Use With 508A PBX — Operation Tests — 551A, 551B, 551D, 552A, 552B, 552D, 552E, 556A, or 605A PBX

534-6 Automatic Number Identification (ANI) Equipment

534-600-301	1	(SD-1E505-01) — Troubleshooting Information Using Test Set J59204AJ — 770A, 801A, and 812A PBX's
534-600-501	1	(SD-1E505-01) — Verification Procedures and Operation Tests of ANI Alarm and Message Registers — 770A, 801A, and 812A PBX's

Division 536**500 Series PBX**

536-0 Indexes, 505-, 506-, and 507-Type PBX, and Equipment Test Lists

536-4 No. 550 Series PBX — Sections Applying To More Than One Type

536-5 No. 550-, 552-, 555-, 556-, 557- AND 558-Type PBX

Number	Issue	Subject
536-0 Indexes, 505-, 506- and 507-Type PBX, and Equipment Test Lists		
536-000-000	27	Numerical Index — Division 536 — 500 Series PBX
536-001-011	2	ETL
536-050 No. 505B, 505C, 506A, and 506B PBX		
536-050-210	2	Installation
536-050-230	1	Tests and Inspections at Time of Installation
536-050-511	2	Circuit Tests
536-050-800	2	Modification for Anti-Sidetone Connections
536-070 No. 507A and 507B PBX		
536-070-001	1	Business Services Engineering
536-070-210	3	Installation
536-070-230	1	Tests and Inspections at Time of Installation
536-070-511	2	Circuit Tests
536-070-512	1	Manual PBX Access Line Circuit SD-66918-01 — In-Service Tests

No. 508A PBX For Dispatching Service — See Division 473

No. 520-Type PBX For Emergency Reporting — See Division 473

536-4 No. 550 Series PBX — Sections Applying To More Than One Type

536-490-110	1	Signal Cabinet for Touch Operation — General Description — 550- and 551- Type PBX
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Number	Issue	Subject
536-490-200	4	Preparation for Installing — 550B, 550C, 550SC, 551A, 551B, 552B, 555, 556A, 557A, or 557B PBX
536-490-210	4	Installation — 551A, 551B, and 552B PBX
536-490-230	3	Tests and Inspections at Time of Installation — 550- and 551- Type PBX
536-490-507	3	Attendant Telephone and Dial Circuits — Tests and Inspections — 555, 556A, and 557A PBX
536-490-525	3	Cord Circuits — Manual Tests — 555, 556A, and 557A PBX
536-490-600	5	Miscellaneous Circuits — Ringing, Battery, Auxiliary Signal, Grouping, Fuse, and Power Alarms — Tests and Inspections — 550B, 550C, 550SC, 551A, 551B, 551D, 555, 556A, and 557A PBX
536-490-660	3	Extension Lines — Relay, Jack, and Lamp Circuit Tests — 550B, 550C, 550SC, 551A, 551B, 551D, and 555 PBX
536-490-665	5	Central Office Trunks — Operation Tests — 550B, 550C, 550SC, 551A, 551B, 551D, 555, 556A, and 557A PBX
536-490-666	2	Tie Trunk Circuits — Outgoing Manual and Dial Repeating — Incoming Manual or Dial Selected — Operation Tests — 555 and 557A PBX
536-490-667	2	Ringdown and Automatic Tie Trunk Circuits — Operation Tests — 555 and 557A PBX

536-5 No. 550-, 552-, 555-, 556-, 557-, and 558-Type PBX

536-500 No. 550-Type PBX

536-500-210	4	Installation — 550B, 550C, and 550SC PBX
536-500-522	1	Cord Circuits — Operation Tests — 550B PBX

536-510 No. 551A PBX

536-510-400	1	Blind Attendant Equipment — Lamp Signal Detector SD-65930-01 and Associated Equipment Connections — 551A PBX
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Number	Issue	Subject
536-520 No. 552-Type PBX		
❶ 536-520-001	1	Business Services Engineering — 552A, 552B, 552D, and 552E PBX
536-520-110	1	General Description — 552B and 552E PBX
536-520-400	1	Blind Attendant Equipment — Lamp Signal Detector SD-65930-01 and Associated Equipment Connections — 552A, B, D, E PBX
536-520-600	3	Miscellaneous Circuits — Ringing, Battery, Auxiliary Signal, Night Alarm, and Fuse Alarm — Tests and Inspections — 552A and 552D PBX

536-550 No. 555 PBX

❶ 536-550-001	1	Business Services Engineering
536-550-110	1	General Description
536-550-210	4	Installation
536-550-230	2	Tests and Inspections at Time of Installation
536-550-400	1	Blind Attendant Equipment — Lamp Signal Detector SD-65930-01 and Associated Equipment Connections — 555 PBX

536-551 Specially Modified 555 PBX

536-551-210	2	Specially Modified 555 PBX Equipped for Autovon and Radio Circuits — Identification, Installation, Connections, and Tests
536-551-212	1	Specially Modified 555 PBX (Civil Disturbance Package) Equipped for Autovon and Radio Circuits — Identification, Installation, and Connections

Number	Issue	Subject
536-559 No. 556A PBX		
❶ 536-559-001	1	Business Services Engineering
536-560 Modified PBX for Handicapped		
Addendum	1	
536-560-210	4	Identification, Installation, and Connections — (Manual Auxiliary for 756A PBX) — 556A PBX
536-560-230	1	Tests and Inspections at Time of Installation — (Manual Auxiliary for 756A PBX)
536-560-400	1	Blind Attendant Equipment — Lamp Signal Detector SD-65930-01 and Associated Equipment Connections — 556A PBX
536-560-660	1	Station Line Circuits — Operation Tests

536-580 558A PBX

❶ 536-580-001	1	Business Services Engineering
Addendum	1	
536-580-210	2	Identification, Installation, Connections, Inspection, Tests, and Method of Operation

536-590 559A Communication Package

❶ 536-590-210	3	Identification, Installation, Connections, Tests, and Inspections
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Division 538**600 Series PBX****538-0 Index, 600 Series PBX, and Equipment Test List****-040 No. 605A PBX****-050 No. 606 and 607-Type PBX — Sections Applying to More Than One Type****-060 No. 606-Type PBX****-070 No. 607-Type PBX****-080/086 No. 608A, 608B and 608D Type PBX**

Number	Issue	Subject
538-0 Index, 600 Series PBX, and Equipment Test List		
538-000-000	33	Numerical Index — Division 538 — 600 Series PBX
538-001-011	2	ETL
538-002-600	1	Miscellaneous Circuits — Ringing, Battery, Auxiliary Signal, Night Alarm and Fuse Alarm — Tests and Inspections
538-002-660	1	Extension Lines — Relay, Jack, and Lamp Circuit Tests
538-002-665	1	Central Office Trunks — Operation Tests
538-040 No. 605A PBX		
❶ 538-040-001	1	Business Services Engineering
538-040-110	1	General Description
538-040-600	2	Miscellaneous Circuits — Generator, Night Alarm, Fuse Alarm, and Battery Cutoff — Tests and Inspections
538-040-660	2	Extension Lines — Convertible to Dial Line Circuit — Relay, Jack, and Lamp Circuit Tests
538-050 No. 606 and 607-Type PBX — Sections Applying to More Than One Type		
538-050-505	3	Attendant Telephone and Dialing Circuit — Tests and Inspections — 606B and 607A PBX
538-050-524	3	Cord Circuits — Operation Tests — 606B and 607A PBX

Number	Issue	Subject
538-050-660	1	Station Line Circuits — Manual and Dial — Operation Tests — 606B, 607A and 607B PBX
538-050-665	3	Incoming, Outgoing, Two-Way Central Office and Local Trunks — Operation Tests — 606A, 607A and 607B PBX
538-050-667	3	Tie Trunks — Operation Tests — 606A, 607A and 607B PBX

538-060 No. 606-Type PBX

538-060-505	2	Attendant Telephone and Dialing Circuit — Tests and Inspections — 606A PBX
538-060-523	3	Cord Circuits — Operation Tests — 606A PBX
538-060-600	2	Miscellaneous Circuits — Position Grouping, Auxiliary Signal, Night Alarm, Peg Count, and Supervisor Circuit — Tests and Inspections — 606A PBX
538-060-660	3	Station Line Circuits — Operation Tests — 606A PBX
538-060-665	3	Trunks to Attendant Connectors — Including Tests of Attendant Connectors — Operation Tests — 606A or 606B PBX

538-070 No. 607-Type PBX

❶ 538-070-001	1	Business Services Engineering — 607 PBX
538-070-505	1	Attendant Telephone and Dialing Circuit — Tests and Inspections — 607B PBX
538-070-525	1	Cord Circuits — Operation Tests — 607B PBX
538-070-526	1	Manual PBX Access Line Circuit SD-1E047-01 — In-Service Tests — 607A and 607B PBX
538-070-600	1	Miscellaneous Circuits — Position Grouping, Night Alarm, Peg Count, Service Assistant Telephone, Test Cord, Calling Signal, and Lamp Battery Cutoff — Operation Tests — 607A and 607B PBX

Number	Issue	Subject	Number	Issue	Subject
538-080/086 No. 608A, 608B and 608D Type PBX			538-080-600	2	Miscellaneous Circuits — Battery Cut-Off Generator Supply, Auxiliary Signal, Alarms, Peg Count, and Page Key — Operation Tests — 608A and 608B PBX
① 538-080-001	1	Business Services Engineering — 608A PBX	538-080-660	1	Station Line Circuits — Operation Tests — 608A PBX
538-080-210	3	Manual, Nonmultiple 608A PBX Arranged for Plug-In Feeder Cables — Identification, Installation, and Connections	538-080-665	2	Attendant and Intercepting Trunks — Jack, Lamp and Register Circuit Tests — 608-Type PBX With Direct Trunk Termination
538-080-211	1	Manual Conference Connection Circuit SD-65872-01 Using Conference Bridge Circuit With Transistorized Amplifiers for Four or Six Simultaneous Connections SD-96595-01 — Identification, Installation, Connection, and Operational Check — 608D PBX	538-080-667	2	Central Office and Tie Trunks — Operation Tests — 608-Type PBX With Direct Trunk Termination
538-080-212	1	Identification — Installation and Connections (Manual Auxiliary for 701PK PBX) 608A PBX	① 538-081-215	1	Identification, Installation, and Connections — 756A, 757A, and 800A Dial PBXs
538-080-230	2	Tests and Inspections at Time of Installation — 608-Type PBX	538-082-524	1	Cord Circuit SD-65832-01 — Position Circuit SD-65833-01 — Operation Tests — Using PBX Cord Circuit Test Set SD-66484-01 (J54703A) — 608B PBX Switchboard
538-080-400	1	Blind Attendant Equipment — Lamp Signal Detector SD-65930-01 and Associated Equipment Connections — 608A, 608D PBX	538-085-210	3	Manual, Nonmultiple 608D PBX — Arranged for Plug-In Feeder Cables — Identification, Installation, and Connections
538-080-512	2	Attendant Loop Circuit SD-65830-01 — Arranged for Inward Dialing — Operation Tests Using Jack Mounting ED-60613-30, G3 and G4 — 608B and 608D PBX Switchboard	538-085-212	2	Manual Auxiliary for 701PK PBX — Identification, Installation, and Connections — 608D Switchboard
538-080-523	2	Cord Circuit SD-66720-01 — Position Circuit SD-66721-01 — Manual Tests — Manual or Dial Auxiliary — 608A PBX	538-085-213	2	Manual Auxiliary for 701B PBX — Identification, Installation, and Connections — 608D Switchboard
538-080-524	3	Cord Circuit SD-66720-01 — Position Circuit SD-66721-01 — Operation Tests — Using PBX Cord Circuit Test Set SD-66484-01 (J54703A) — Manual or Dial Auxiliary — 608A PBX	538-085-215	2	Identification, Installation, and Connections for 608D Switchboard Used as Attendant Position With 756A and 757A Dial PBXs
538-080-528	2	Cord Circuit ES-65841-01 — Position Circuit ES-65840-01 — Position "TOUCH-TONE®" Calling Circuit ES-65842-01 — Operation Tests — Using PBX Cord Circuit Test Set SD-66484-01 (J54703A) — 608A Switchboard — Arranged for Customer Group Service — No. 5 Centrex	538-085-523	2	Cord Circuit and Position Circuit — Manual Tests — 608D PBX
			538-085-524	2	Cord Circuit SD-67034-01 — Position Circuit SD-67037-01 — Operation Tests — Using PBX Cord Circuit Test Set SD-66484-01 (J54703A) — Manual or Dial Auxiliary — 608D PBX

Number	Issue	Subject
538-085-600	1	Miscellaneous Circuits — Battery Cutoff, Generator Supply, Auxiliary Signal — Alarms and Peg Count — Operation Tests — 608D PBX
538-086-524	1	Cord Circuit SD-67035-01 — Position Circuit SD-67037-01 — Operation Tests — Using PBX Cord Circuit Test Set SD-66484-01 (J54703A) — 608D PBX Switchboard

Division 540**Sections Applying to More Than One 700 Series PBX Including CENTREX CU, Attendant Equipment For CENTREX CO, And Touch-Tone Calling****540-0 Indexes and General Information****540-1 Sections Applying To More Than One 700 Series Step-By-Step PBX****540-3 Sections Applying To More Than One 700 Series Step-By-Step and Crossbar Type PBX****540-5 Sections Applying To Centrex Equipment and Circuits****540-7 Sections Applying To Step-By-Step PBX Equipment and Circuits Associated With Touch-Tone Calling**

Number	Issue	Subject
540-000-000	88	Numerical Index — Division 540 — Sections Applying to More Than One 700 Series PBX — Including Centrex CU, Attendant Equipment for Centrex CO, and Touch-Tone Calling
540-001-011	3	ETL — More Than One 700 Series Step- by-Step PBX — More Than One 700 Series Step-by-Step and Crossbar PBX
540-001-013	4	ETL — Step-by-Step Centrex CU and Optional Service Features — Step-by-Step PBX Equipment and Circuits Associated With Touch-Tone Calling
540-010-300	2	Trouble-Locating Information — 700-Type — Step-by-Step PBXs
540-101-500	1	Call-Thru Test — Using Automatic Call- Thru Test Set SD-32522 (J34728)
540-105-301	3	Equipment and Circuits — Method of Taking Out of Service 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 740A, 740AX, 740B, 740C and 740E PBX
540-107-300	2	Attendant Equipment — 101-Type Key Equipment — Method of Operation — 701A, 701B, and 740E PBX
540-107-301	2	Attendant Equipment — 6-Button Key Telephone Set — Method of Operation — 701A, 701B, and 740E PBX
540-107-302	2	Attendant Equipment — 5- or 6-Type Telephone Consoles — Method of Operation — 701A, 701B and 740E PBX
540-110-501	1	Station Message Register Pulse Circuit SD-66915-01 and Station Message Register Surcharge Circuit SD-66922-01 — Operation Tests — 701B, 711B, 701PK, 740E PBX
540-113-501	1	Station Direct Station Selection Circuit SD-66856-01 — Operation Tests 701A, 701B, 711A, 711B, 740E PBX
540-115-501	2	Line Finders — Operation Tests — Using Test Set SD-90416-01 (J94704A) — 701A, 701B, 701PK, 702A, 711A, 711B, 740A, 740AX, 740B, and 740C PBX
540-117-501	1	Line Finders and 3-Wire Trunk Finders — Operation Tests — Using Test Set SD-66073-01 (J54701B) — 701A, 701B, 701PK, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C and 740E PBX
540-117-503	1	Line Finders and 3-Wire Trunk Finders — Group and Chain Circuit Test and Make- Busy from Circuit Beyond — 701A, 701B, 701PK, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C and 740E PBX
540-120-503	2	Selectors — Pulsing Tests — Using Pulsing Test Set SD-31481-01 (J3417A) — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK and 740E PBX

Number	Issue	Subject	Number	Issue	Subject
540-120-505	2	Selectors — B Relay Timing Test — Using Relay Timing Test Set SD-90418-01 (J94713A) — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, and 740E PBX	540-134-501	2	Selectors, Connectors, and Selector- Connectors — Cut-In and Release Tests — Using Dial Hand Test Set — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C and 740E PBX
540-120-507	2	Selectors — Rotary and C Relay Timing Tests — Using Relay Timing Test Set SD-90418-01 (J94713A) — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK and 740E PBX	540-134-701	2	Selectors, Connectors, and Selector- Connectors — Correction of Pulsing Failures — Using Pulsing Test Set SD-31481-01 (J34717A) — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C, and 740E PBX
540-120-509	2	Selectors — Operation Tests — Using Test Set SD-66073-01 (J54701B) — 701A, 701B, 701PK, 711A, 711B, 711PK, and 740E PBX	540-140-503	2	Selectors and Selector-Connectors — Rotary Test — Using Dial Hand Test Set — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C, and 740E PBX
540-120-511	2	Selectors — Operation Tests — Using Test Set SD-90416-01 (J94704A) — 701A, 701B, 701PK, 702A, 711A, 711B, and 711PK PBX	540-140-505	2	Selectors and Selector-Connectors — Rotary Test — Using 40C Test Set — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C, and 740E PBX
Addendum	1		540-143-504	2	Connectors and Selector-Connectors — Pulsing Tests — Using Pulsing Test Set SD-31481-01 (J34717A) — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C, and 740E PBX
540-125-505	2	Connectors — Operation Tests — Using Test Set SD-66073-01 (J54701B) — 701A, 701B, 701PK, 711A, 711B, 711PK and 740E PBX	540-143-507	3	Connectors and Selector-Connectors, B, C, and E Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A) — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C, and 740E PBX
540-125-507	2	Connectors — Operation Tests — Using Test Set SD-90416-01 (J94704A) — 701A, 701B, 701PK, 702A, 711A, 711B, and 711PK PBX	540-155-501	1	5-Wire Rotary Out-Trunk Switch — SD-30891-01 Arranged for Preselection — Operation Test Using Dial H and Test Set — Step-by-Step PBXs
540-128-501	1	Selector-Connector SD-65721-01 — Restricted Service Tests — 701A, 701B, 711A, 711B, and 740E PBX			
540-128-502	1	Selector — Incoming First or Outgoing SD-65950-01 — Arranged for Digit Restriction or Digit Absorption — Operation Test — 700-Type PBX			
540-128-503	1	Selector-Connectors — Operation Tests — Using Test Set SD-66073-01 (J54701B) or SD-90416-01 (J94704A) — 701A, 701B, 711A, 711B, 740A, 740AX, 740B, 740C, and 740E PBX			

Number	Issue	Subject	Number	Issue	Subject
540-169-501	2	Trunks — Continuity and Polarity Tests from Selector Levels 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C and 740E PBX	540-510-500	3	Call Distribution Circuit SD-65811-01 — Individual or Multi-customer — Alarms — Operation Tests
540-172-501	1	Trunks and Tie Trunks — Operation Tests from Selector Levels — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C, and 740E PBX	Addendum	1	
540-175-501	3	Intercepting, Tone, and Announcement Trunks — Operation Tests — 700C, 701A, 701B, 701PK, 702A, and 740E PBX	540-510-501	1	Alarms — Call Distribution Circuit SD-65829-01 — Operation Tests
540-182-501	1	Dial Conference Circuit SD-66461-01 — Operation Tests — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740B, and 740E PBX	540-510-502	1	Alarms — Call Distribution Circuit SD-65829-01 — Operation Tests
540-188-501	2	Auxiliary Line Circuits SD-65799-01, SD-66604-02, and SD-66604-01 (A&M) — Operation Tests — 700-Type Step-by-Step PBXs	540-511-501	2	Attendant-Controlled Dial Conference Connecting Circuit SD-65897-01 For Use With Telephone Console and Transistorized Conference Circuit SD-96595-01 Arranged For A Maximum of Five Simultaneous Connections — Operation Tests — 701B PBX
540-3 Sections Applying To More Than One 700 Series Step-By-Step and Crossbar Type PBX			Addendum	1	
540-310-501	1	PBX Access Line Circuit SD-5E000-01 — Operational Tests — Step-by-Step Type PBX	540-511-510	2	Station Controlled Dial Conference Connecting Circuit SD-66857-01 Arranged for Use With Transistorized Conference Amplifier Circuit SD-96595-01 With A Maximum of Six Simultaneous Connections — Operation Tests — 701A, 701B, 711A, Or 711B PBX
540-5 Sections Applying To Centrex Equipment and Circuits			540-514-501	1	Night Service Circuit SD-65894-01 — Operation Tests — 701B PBX
Step-by-Step PBX Centrex CU and Optional Service Features			540-515-501	2	Night Closing and Alarm Circuit SD-65898-01 — For Use With 1- or 2-Type Telephone Console or Supervisory Cabinet — Operation Tests — 701B PBX
❶ 540-500-001	1	Business Services Engineering — 701B and 711B PBX	540-516-300	3	Call Transfer — Individual Method of Operation — 701B PBX
540-507-300	4	Attendant Telephone Consoles With Direct Trunk Termination — Method of Operation — Step-by-Step Type PBX	540-517-501	1	Calls Waiting Signal Circuit SD-65845-01 — Operation Test — Step-by-Step PBX
540-507-301	3	Attendant Telephone Consoles With Switched Loop — Method of Operation	540-518-300	2	Automatic Number Identification Circuit SD-1E007-01 — General Maintenance Procedures — Step-by-Step Type PBX
			540-518-302	2	Automatic Number Identification Circuit SD-1E007-01 — Trouble Locating Procedures — Using Test Set J58853J (SD- 1E056-01) and 716C Test Receiver — Step-by-Step Type PBX

Number	Issue	Subject	Number	Issue	Subject
540-518-303	3	Automatic Number Identification Circuit SD-1E007-01 — Trouble Locating Procedures — Using Test Set J58853J (SD- 1E056-01) — and TEKTRONIX* Oscilloscope Model 221T (Type 453 or 453A) Step-by- Step Type PBX	540-540-503	4	Trunk Circuits SD-65808-01, SD-65823-01, SD-65825-01, and SD-65846-01 Arranged for Key Termination Operation Tests — Step-by-Step Type PBX
Addendum	1		540-540-504	1	2-Way Position Trunk SD-65818-01 — For Use With Attendant Telephone Set With or Without Night Service — Operation Tests — 701B PBX
540-518-304	1	Automatic Number Identification Circuit SD-1E007-01 — Verification Procedures — Using Test Set J58853J (SD-1E056-01) — Step-by-Step Type PBX	540-540-505	1	Attendant Trunk Circuit SD-65793-01 — Operation Tests — 700C, 701A, 701B, 702A, or 740E PBX
Addendum	1		540-540-506	2	Incoming Trunk Circuit SD-65792-01 — Operation Tests — 700C, 701A, 701B, or 702A PBX
540-518-305	2	Automatic Number Identification Circuit SD-1E007-01 — Manual Verification Procedures — Step-by-Step Type PBX	540-540-507	2	Incoming Trunk Circuit SD-5E004-01 — Operation Tests — Step-by-Step Type PBX
540-518-306	1	Automatic Number Identification Circuit — SD-1E007-01 — Verification Procedures Using Test Set J59204AJ (SD- 1E506-01)	540-540-508	2	Two-Way Trunk Circuit SD-5E005-01 — Operation Tests — 701B PBX
540-518-501	2	Automatic Number Identification Circuit SD-1E007-01 — Alarms and Registers — Operation Tests — Step-by-Step Type PBX	540-540-509	2	2-Way Central Office Trunk Circuits SD-65895-01 and SD-5E045-01 — Key Terminated — For Use With Telephone Console — Operation Tests — Step-by- Step Type PBX
540-521-501	2	Finder Circuits 100-Point 4-, 6-, and 8-Wire SD-65906-01, SD-65953-01, SD-65954-01, SD-65955-01 — Operation Tests	540-540-510	2	2-Way Central Office Trunk Circuit SD-5E006-01 — Operation Tests — Step- by-Step PBX
540-530-501	4	Call Distribution Circuit SD-65811-01 — Individual or Multi-customer — Circuit Tests	540-540-512	1	Digit Counter Circuit SD-5E057-01 — Operation Tests — 701B
540-530-502	1	Call Distribution Circuit SD-65829-01 — Circuit Tests	540-540-513	1	Two-Way Trunk Circuit SD-5E028-01 — Operation Tests — 701A or 701B
540-540-500	1	Attendant Trunk SD-65815-01 — Operation Test — 701B PBX	540-560-501	3	Register Senders SD-65816-01 (A&M) and SD-65816-02 and Sender Links SD-65820-01 — Operation Tests — Using Sender Test Circuit SD-65827-01 — Step-by-Step Type PBX
540-540-501	3	Incoming Trunk SD-65812-01 — Arranged for Call Distribution Termination With Telephone Console — Operations Tests — 701B PBX	540-570-501	3	Attendant Loop Circuit SD-65813-01 and Position Circuit SD-65814-01 — Operation Tests Using Jack Mounting ED-60613-30, Group 5 — Step-by-Step Type PBX
540-540-502	2	2-Way Central Office Trunk SD-65850-01 — Arranged for Call Distributor Termination With Telephone Console — Operation Test	540-570-502	1	Attendant Loop Circuit SD-65830-01 — Operation Tests — Using Jack Mounting ED-60613-30, G3

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Number	Issue	Subject	Number	Issue	Subject
540-575 No. 5 Crossbar Centrex CO (Attendant Equipment Only)			540-7 Sections Applying To Step-By-Step PBX Equipment and Circuits Associated With Touch-Tone Calling		
Addendum	1		540-702-501	5	TOUCH-TONE Calling Receiver SD-67027-01, SD-98148-01, or SD-1C586-01, — Converter SD-66892-01 or SD-1E504-01, — Interface Circuit SD-66886-01 or SD-1E054-01, — and Trunk Finder Circuit SD-65906-01 — Operation Tests — Using J58847M Test Set SD-66890-01 — Step-by-Step PBX Systems
540-575-301	4	1- and 2-Type Telephone Console With Fixed Loop Termination — Method of Operation — Arranged for Phase III Centrex			
Addendum	1		540-702-502	1	Common Group "TOUCH-TONE" Calling Equipment With Crossbar — Link Access — Operation Tests — Step-by-Step Systems
540-575-302	4	1- and 2-Type Telephone Console With Switched Loop Termination — Method of Operation — Arranged for Phase III Centrex			
540-575-311	2	1- and 2-Type Telephone Console With Fixed Loop Termination — Method of Operation — Arranged for Phase II Centrex			
540-575-312	1	1- and 2-Type Telephone Console With Switched Loop Termination — Method of Operation — Arranged for Phase II Centrex			
540-575-321	2	Attendant Equipment — 1-, 2-, and 9A-Type Telephone Console and 622- Type Telephone Set — With Fixed Loop Termination — Method of Operation — Arranged for Phase I Centrex			
540-575-322	1	Attendant Equipment — 1-, 2-, and 9A-Type Telephone Console and 622- Type Telephone Set — With Switched Loop Termination — Method of Operation — Arranged for Phase I Centrex			
540-580 Customer Premises Systems					
540-580-101	3	50A — Identification, Installation, Connections and Installation Tests			
540-580-301	1	50A — Attendant and Station Equipment — Method of Operation			
540-580-302	2	50A — Trouble-Locating Procedures			

Division 541

700C and 710C PBX

541-0 Index 700C and 710C PBX, and Equipment Test List

Number	Issue	Subject
541-0 Index 700C and 710C PBX, and Equipment Test List		
541-000-000	6	Numerical Index — Division 541 — 700C and 710C PBX
541-001-011	1	ETL
700C And 710C PBX — (Manual Switchboard And Dial Equipment)		
541-002-501	2	Alarms — Operation Tests
700C And 710C PBX — (Dial Equipment)		
541-003-520	2	Connectors — Operation Tests
541-003-591	2	Line Switches and Master Switches — Operation Tests
700C PBX — (Manual Switchboard)		
541-004-600	1	Miscellaneous Circuits — Gen- erator, Battery, Auxiliary Signal, Night Alarm and Fuse Alarm — Tests and Inspections
541-004-659	1	Manual Extension Lines — Re- lay, Jack, and Lamp Circuit Tests
541-004-665	1	Attendant Trunks — Jack and Lamp Circuit Tests
541-004-666	1	Attendant Central Office Trunks — Relay, Jack, and Lamp Circuit Tests
541-004-667	1	Combination Central Office Trunks — Relay, Jack, and Lamp Circuit Tests
541-004-668	1	Intercepting Trunks — Jack and Lamp Circuit Tests

Division 542**701- and 711-Type PBX****542-0 Index, 701- AND 711-Type PBX, and Equipment Test List****542-1 Sections Applying To Station Line Circuits**

Number	Issue	Subject
542-015-205	1	Incoming Selector and Dial Repeating Tie Trunk Module — Connections — 701PK PBX
542-015-209	1	Service Options — Method of Providing — 701PK PBX
542-015-210	1	Tests and Inspections at Time of Installation — 701PK PBX
542-015-501	1	Alarms — Operations Tests — 701PK PBX

Number	Issue	Subject
542-0 Index, 701- and 711-Type PBX, and Equipment Test List		
542-000-000	19	Numerical Index — Division 542 — 701- and 711-Type PBX
542-001-011	1	ETL
❶ 542-010-001	1	Business Services Engineering — 701A and 711A PBX
❶ 542-010-002	1	Business Services Engineering — 701B and 711B PBX
542-010-110	2	General Description — 701A and 711A PBX
542-010-310	2	Alarms — Method of Tracing — 701A and 711A PBX
542-010-500	3	Alarms — Operation Tests — 701A and 711A PBX
542-010-501	4	Alarms — Operation Tests — 701B and 711B PBX
542-010-503	1	Power Failure Transfer Circuit — Operation Tests — 701B PBX Systems
542-011-501	1	Attendant Direct Station Selection Circuit SD-66865-01 When Used With 1- and 2-Type Telephone Console — Operation Test — 701A or 701B PBX
❶ 542-015-001	1	Business Services Engineering — 701PK and 711PK PBX
Addendum	1	
542-015-201	1	Switching Cabinets — Identification and Installation — 701PK PBX
542-015-203	1	Basic and Supplementary Modules — Connections — 701PK PBX
542-015-204	1	Heavy Traffic Module — Connections — 701PK PBX

542-1 Sections Applying To Station Line Circuits

542-108-100	1	Station Restriction Circuit SD-5E012-01 and Station Restriction Control Circuit SD-5E034-01 Installation, Connection, and Operation Tests 710A and 701B PBX
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Division 543

702A PBX

543-0 Index, 702A PBX, and Equipment Test List

-000 Index and ETL

-020 702A PBX

Number	Issue	Subject
543-000 Index and ETL		
543-000-000	6	Numerical Index — Division 543 — 702A PBX
543-001-011	1	ETL
543-020 702A PBX		
543-020-310	2	Alarms — Method of Tracing
543-020-500	3	Alarms — Operation Tests
543-020-520	3	Attendant 3-Wire Connectors — SD-66663-01 and SD-66664-01 — Operation Tests
543-020-521	3	Attendant 3-Wire Connectors — SD-66643-01 and SD-66644-01 — Operation Tests
543-020-590	1	Line Finders — Operation Tests
543-020-655	1	Selectors and Connectors — Operation Tests — Using Test Set SD-90210-01

Division 546

740-Type PBX

546-0 Index and Equipment Test List**546-4 740-Type PBX**

Number	Issue	Subject
546-0 Index and Equipment Test List		
546-000-000	9	Numerical Index — Division 546 — 740-Type PBX
546-001-011	1	ETL
546-4 740-Type PBX		
546-400 740A, 740B, and 740AX PBXs		
546-400-110	1	General Description — 740A and 740B PBX
546-400-111	1	General Description — 740C PBX
546-400-310	2	Alarms — Method of Tracing
546-400-500	3	Alarms — Operation Tests
546-400-655	4	Selector-Connectors — Opera- tion Tests — Using Dial Hand Test Set
Addendum	1	
546-400-665	2	Central Office Trunks and Tie Trunks — Operation Tests — 740A, 740B, and 740C PBX
Addendum	1	
546-400-666	1	Central Office Trunks and Tie Trunks — Operation Tests — 740AX PBX
546-404 740E PBX		
❶ 546-404-001	1	Business Services Engineering
546-404-311	1	Alarms — Method of Tracing
546-404-501	3	Alarms — Operation Tests

Division 548

750A PBX

548-0 Indexes and Equipment Test List

548-5 No. 750A PBX

Number	Issue	Subject
548-0 Indexes and Equipment Test List		
548-000-000	4	Numerical Index — Division 548 — 750A PBX
548-001-011	1	ETL
548-5 No. 750A PBX		
548-500-110	1	General Description
548-500-200	2	Preparation for Installing
548-500-210	3	Installation
548-500-230	3	Tests and Inspections at Time of Installation
548-500-310	2	Alarms — Method of Tracing
548-500-320	3	Method of Taking Equipment and Circuits Out of Service
548-500-500	4	Alarms — Operation Tests
548-500-590	2	Link Circuits — Operation Tests
548-500-665	3	Trunks — Operation Tests

Division 550

755A PBX

550-0 Indexes and Equipment**550-5 No. 755A PBX**

Number	Issue	Subject
550-0 Indexes and Equipment Test List		
550-000-000	4	Numerical Index — Division 550 — 755A PBX
550-001-011	1	ETL
550-5 No. 755A PBX		
550-550-110	1	General Description
550-550-210	4	Installation
550-550-230	2	Tests and Inspections at Time of Installation
550-550-500	2	Alarms — Operation Tests
550-550-590	2	Link and Link Allotter Circuits — Operation Tests
550-550-665	1	Trunks — Operation Tests

Division 551**756A, 757A, 758A, 758B, 758C, 761, and 770 PBX****551-0 Index and Equipment Test List****551-1 No. 756A PBX****551-2 No. 757A PBX****551-4 No. 758A, 758B, AND 758A/B PBX****551-5 No. 758C PBX****551-7 No. 761 AND 770 PBX**

Number	Issue	Subject
551-0 Index and Equipment Test List		
551-000-000	47	Numerical Index — Division 551 — 756A, 757A, 758A, 758B, 758C, 761, and 770 PBX
551-001-011	3	ETL — 756A PBX
551-001-012	3	ETL — 757A PBX
551-001-014	2	ETL — 758A and 758B PBX
551-001-015	2	ETL — 758C PBX
551-001-017	4	ETL — 761 and 770 PBX
551-010-300	2	Trouble-Locating Information — 757A PBX
551-010-301	2	Trouble-Locating Information — 756A PBX
551-010-302	1	Trouble-Locating Information — 761-Type PBX
551-1 No. 756A PBX		
● 551-100-001	1	Business Services Engineering
● 551-100-005	1	Business Services Administration
▲ 551-100-100	2	756A PBX
□▲ 551-100-101	1	Repair NOTE: Information now in 551-100-100
551-100-210	5	Switching Cabinets — Identification and Installation
551-100-211	7	Crown, House and Feeder, and Supplementary Cables — Method of Connecting to PBX

Number	Issue	Subject
551-100-212	3	House and Feeder Cables — From Modules 1 and 2 — Method of Connecting to Cross-Connecting Terminal
551-103-210	4	Supplementary House and Feeder Cable — Direct Station Selection by Attendant and Single-Digit Dialing — Method of Connecting to Cross-Connecting Terminal
551-103-211	5	Supplementary House and Feeder Cables — 556A Switchboard — Method of Connecting to Cross-Connecting Terminal
551-103-212	1	608A or 608D Switchboard Connections
551-104-210	2	Direct Station Selection by Stations — Identification, Installation, and Connections
Addendum	2	
551-107-210	2	Touch-Tone Calling — Identification, Installation, and Connections
551-110-210	2	Message Waiting Service — Connections
551-111-210	2	Inward Restriction SD-5E003-01 Identification — Installation and Connections
551-115-210	3	3- and 22-Type Telephone Console — Connections
551-117-210	4	4- and 32-Type Telephone Console — Connections
551-124-210	1	700-Type Attendant Modular Station Apparatus — Connections
551-129-210	3	565GBR Telephone Set — Installation and Connections
551-129-211	5	565GK, 1565GK (MD), and 2565GK Key Telephone Sets — Installation and Connections
551-131-210	1	Station Dial Transfer Trunk Circuit — Identification, Installation, and Connections
551-135-210	3	Conference Equipment — Identification, Installation, and Connections
551-137-210	2	External Traffic Register Cabinet — Identification, Installation, and Connection
551-139-210	3	Station Message Register Pulse and Surcharge Circuit SD-5E021-01 — Identification, Installation, and Connections

Number	Issue	Subject	Number	Issue	Subject
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551-144-210	5	Miscellaneous Equipment — (Tie Trunks, Loudspeaker Paging Trunk, Recorded Telephone Dictation Trunk, 3A Code Call Unit, Busy Verification Auxiliary Trunk, and Auxiliary Position Circuit for Remote Trunk Answer From any Station) — Installation Information	551-175-501	2	Station Dial Transfer Controller Circuit SD-66909-01 and Transfer Trunks SD-66921-01 — Operation Tests
551-147-210	5	Service Options — Method of Providing	551-176-501	2	Dial Conference Circuit — Meet-Me Type SD-65745-01 — Operation Tests
Addendum	1		551-177-501	2	Station Controlled Dial Conference Trunk Circuit — Operation Test
551-150-209	1	Test Facilities and Test Calls — Method of Operation	551-178-501	1	Dial Conference Trunk Circuit — Attendant Controlled Type SD-66908-01 — Operation and Transmission Test
551-150-210	3	Tests and Inspections at Time of Installation	551-179-501	2	Traffic and Trouble Registers — Operation Tests
551-153-501	4	Alarm and Transfer Circuit — Circuit Tests	551-180-501	1	Station Message Register Pulse and Surcharge Circuit SD-5E021-01 — Operation Tests
Addendum	1		551-182-501	2	Attendant Trunks — Operation Tests
551-155-501	2	Marker Alarms — Circuit Tests	551-185-501	1	Busy Tone Trunk — Operation Tests
Addendum	1		551-188-501	3	2-Way Central Office Trunk (SD-65752-01) — Operation Tests
551-160-301	1	Attendant Equipment — 700- or 701-Type Modular Station Unit — Method of Operation	551-191-501	3	Loudspeaker Paging Trunk SD-65747-01 — Operation Tests
551-160-302	4	Attendant Equipment — 3-, 4-, 22-, and 32-Type Telephone Consoles — Method of Operation	551-194-501	1	Tie Trunks SD-65755-01 — Circuit Tests
Addendum	1		551-195-501	1	Tie Trunks — SD-65756-01 — Operation Tests
551-160-310	1	Attendant Equipment — 6-Button Key Telephone Set — Method of Operation			
551-166-501	2	Auxiliary Position Circuit for Remote Trunk Answering (SD-66910-01) — Operation Tests	551-2 No. 757A PBX		
Addendum	1		● 551-200-001	1	Business Services Engineering
551-168-501	3	Dial Pulse Register Circuit — Circuit Tests	551-200-210	5	Switching Cabinets — Identification and Installation
551-170-501	2	Line, Link and Marker Circuits — Circuit Test	551-201-210	4	Cabinet 0 — House and Feeder Cables — Method of Connecting Cabinet 0 to Switching Cabinets
551-173-501	2	Junctor Circuits — Operation Tests	551-203-210	6	Crown Cables — Method of Connecting to PBX
551-174-210	1	Traffic Measurement System No. 1A — Remote Scanner and Encoder — Connections	551-206-200	1	House and Feeder Cables — Station Line Circuits — Method of Connecting PBX to Cross-Connecting Terminal
551-174-501	1	Traffic Measurement System No. 1A — Remote Scanner and Encoder — Circuit Tests			

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Addendum	2		551-230-210	1	Direct Station Selection by Stations — Identification, Installation and Connections
551-206-215	3	House and Feeder Cables — Attendant Telephone Console — Position No. 1 — Direct Trunk Termination — Method of Connecting PBX to Cross-Connecting Terminal	Addendum	2	
551-206-220	4	House and Feeder Cables — Attendant Telephone Consoles 1-3 — Switched Loop Termination — Method of Connecting PBX to Cross-Connecting Terminal	551-231-210	3	Call Transfer-Individual Equipment Required to Provide Controller Unit Mounted in Auxiliary Cabinet ED-1E037-70 — Identification, Installation, and Connections
551-206-225	1	House and Feeder Cables — Multiple Attendant Telephone Consoles — 1-Type Selector Console Direct Trunk Termination Method of Connecting PBX to Cross-Connecting Terminal	Addendum	1	
551-206-230	2	House and Feeder Cables — Selector Consoles — DSS by Attendant — Method of Connecting PBX to Cross-Connecting Terminal	551-231-211	2	Call Transfer — Individual Equipment Required to Provide Controller Unit Mounted in Power Cabinet J86808 — Identification, Installation, and Connections
551-210-210	2	23-, 43- and 53-Type Telephone Consoles — Connections	Addendum	1	
Addendum	1		551-232-210	3	Touch-Tone Calling Equipment — Identification, Installation, and Connections
551-216-210	4	1- and 2-Type Telephone Consoles — Direct Trunk Termination — Connections	551-233-210	2	Station Message Register Service — Equipment Required to Provide Identification, Installation, and Connections
551-216-215	4	1- and 2-Type (A and M) Telephone Consoles — Switched Loop Operation — Connections	551-234-210	5	Trunks and Feature Units — Identification, Installation, and Connections
Addendum	1		Addendum	1	
551-216-220	1	Attendant Equipment — Multiple Attendant 1- and 2-Type Telephone Consoles — 1-Type Selector Console — Direct Trunk Termination Method of Connecting Consoles to Cross-Connecting Terminals	551-234-211	2	Auxiliary Position Circuit SD-66874-01 (Trunk Answer Any Station) — Non- Plug-In Arrangement — Identification, Installation, and Connections
551-224-210	3	1-Type Selector Consoles — Direct Station Selection — Connections	551-234-212	1	Auxiliary Incoming Trunk Circuit SD-66896-01 — Identification, Installation, and Connections
551-228-210	1	Manual Switchboard Arrangement — Identification Installations, and Connections	551-234-213	1	Message Waiting Service — Connections
			551-234-214	3	Paging Trunk Unit J58838CM (SD- 66762-01) — Identification, Installation, and Connections
			Addendum	1	
			551-234-215	1	Auxiliary Position Circuit SD-66874-01 — (Trunk Answer Any Station) — Plug-in Arrangement — Identification, Installation, and Connections

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551-234-216	1	Incoming Call Identification and Trunk Group Busy Lamp Feature — Identification, Installation, and Connections	551-258-305	2	Automatic Number Identification Circuit SD-1E007-01 — Manual Verification Procedures
551-234-218	2	Common Control Switching Arrangement — Identification, Installation, and Connections	551-258-501	2	Automatic Number Identification Circuit SD-1E007-01 — Alarms and Registers — Operation Tests
551-235-210	3	Conference Equipment — Identification, Installation, and Connections	551-260-301	5	Attendant Equipment — Single Telephone Console With Direct Trunk Termination — Method of Operation
551-236-210	2	Automatic Number Identification Equipment J58853, SD-1E007-01 — Identification, Installation, and Connections	551-260-302	5	Attendant Equipment — Telephone Consoles With Switched Loop Operation — Method of Operation
551-237-210	3	External Traffic Register Cabinet J58857 (SD-5E010-01) — Identification, Installation, and Connections	551-260-303	2	Attendant Equipment — Multiple Telephone Consoles With Direct Trunk Termination — Method of Operation
551-242-210	7	Service Options — Method of Providing	Addendum	1	
551-244-201	1	Fully Restricted Station Feature — Identification, Installation, and Connections	551-263-501	2	Attendant Link, Loop, and Controller Circuit SD-66737-01 — Operation Tests — Incoming Call Identification and Trunk Group Busy Circuit Tests
551-245-201	3	Tests and Inspections at Time of Installation	551-265-501	1	Direct Station Selection Circuit — Operation Tests
551-252-501	1	Station Message Register Pulse Circuit SD-66894-01 — Message Register Circuit SD-65852-01 — Operation Tests	551-266-501	1	Incoming Register Link Circuit — Operation Tests
551-253-501	6	Alarm, Transfer, and Traffic Register Circuit SD-66734-01 — Operation Tests	551-267-501	3	Incoming Dial Pulse Register SD-66739-01 — Circuit Tests
551-255-501	5	Marker Alarms — Operation Tests	551-268-501	3	Originating Registers — Operation Tests
551-258-300	1	Automatic Number Identification Circuit SD-1E007-01 — General Maintenance Procedures	551-270-501	3	Line, Link and Marker Circuit SD-66733-01 — Operation Tests
551-258-302	2	Automatic Number Identification Circuit SD-1E007-01 — Trouble Locating Procedures — Using Test Set J58853J (SD-1E056-01) and 716C Test Receiver	551-272-301	2	Marker Call Progress Indicator — Method of Operation, Recording and Analysis of Lamp Displays
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551-258-303	2	Automatic Number Identification Circuit SD-1E007-01 — Trouble Locating Procedures — Using Test Set J58853J (SD-1E056-01) and Tektronix Oscilloscope Model 221T (Type 453)	551-272-501	1	Call Progress Indicator — Operation Tests
551-258-304	2	Automatic Number Identification Circuit SD-1E007-01 — Verification Procedures Using Test Set J58853J (SD-1E056-01)	551-273-501	1	Junctor Circuits — Operation Tests
			551-274-210	1	Traffic Measurement System No. 1A — Remote Scanner and Encoder Connections
			551-274-501	1	Traffic Measurement System No. 1A — Remote Scanner and Encoder Connections — Circuit Tests

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551-275-501	1	Dial Conference Trunk Circuit Meet-Me Type SD-66761-01(MD) — Operation and Transmission Tests	551-294-501	3	Auxiliary Tie Trunk Circuit SD-66765-01 — Operation Tests
551-275-502	2	Dial Conference Trunk Circuit Station Controlled Type SD-66880-01 — Operation and Transmission Tests	551-295-501	1	Auxiliary Incoming Trunk Circuits SD-66896-01 For E and M Lead Signaling — Operation Tests
551-275-503	2	Attendant Controlled Dial Conference Trunk Circuit SD-66881-01 — Operation and Transmission Tests	551-296-501	1	Ringdown Tie Trunk — Operation Tests
551-276-501	2	Paging Trunk SD-66762-01 — Operation Tests	① 551-297-501	1	Circuits Associated With 608-Type Switchboard — Operation Tests
551-277-501	1	Executive Trunk Circuit SD-1E000-01 With Ringback and Camp-on Tone Signal — Operation Tests	551-4 No. 758A, 758B, AND 758A/B PBX		
551-279-501	2	Station Dial Transfer Controller Circuit SD-66753-01 and Transfer Trunk Circuit SD-66752-01 — Operation Tests	551-400 No. 758A PBX		
551-280-501	1	Station Restriction Control Circuit SD-5E034-01 — Station Restriction Circuit SD-5E015-01 — Operation Tests	551-410-500	1	Alarms — Operation Tests
① 551-281-501	4	Auxiliary Position Circuit SD-66874-01 (Trunk Answer from any Station) — Operation Tests	551-411-300	1	Console Circuit SD-65925-01 — Method of Operation
551-285-501	2	Busy Tone Trunks — Operation Tests	551-414-500	1	Line Pickup Circuit SD-65916-01 — Operation Tests
Addendum	1		551-415-500	1	Auxiliary Trunk Circuit SD-67075-01 — Circuit Tests
551-287-501	1	Two-Way Trunk Circuit SD-5E041-01 (A&M) for use with CCSA — Operation Tests	551-416-500	1	Flutter-Flash Lamp Signal Supply Circuit SD-67076-01 — Operation Tests
551-290-501	2	Direct Inward Dialing Trunks SD-66741-01 and SD-1E004-01 — Crossbar Offices — Operation Tests	551-420) No. 758B PBX [5]51-440)		
551-290-502	2	Direct Inward Dialing Trunk Circuit SD-5E046-01 or SD-5E047-01 — Operation Tests	551-424-501	1	Alarms — Operation Tests
551-291-501	2	Direct Inward Dialing Trunks SD-66740-01 and SD-1E003-01 — Step-by-Step Offices — Operation Tests	551-430-501	2	Dial Line Circuit SD-66797-01 — Operation Tests
551-292-501	1	Outgoing Trunk to Toll Operator — Operation Test	551-434-501	1	Touch-Tone Trunk Finder SD-67020-01 — Operation Tests
			551-436-501	1	Touch-Tone to Dial Pulse Converter Circuit SD-67016-01 — TOUCH-TONE Receiver SD-98148-01 — Operation Tests Using Converter Circuit J58839N (SD-67017-01)
			551-438-501	1	Timing Circuit SD-67015-01 — Operation Tests
			551-442-501	1	Busy Tone Trunk SD-65919-01 — Operation Tests

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551-454-501	1	Marker Circuit SD-65912-01 — Circuit Tests	Addendum	1	
551-456-501	1	Link and Select Magnet Connector Circuit SD-65913-01 — Operation Tests	551-512-300	4	Call Progress Indicator SD-67058-01 — Method of Operation
551-458-501	1	Dial Pulse Register Circuit — Circuit Tests	551-512-301	5	Decoder — Marker Trouble Indication Record — (See Section
551-464-501	1	Interrupter Circuit SD-65923-01 — Operation Tests — 758A and 758B PBX	551-512-500	2	Call Progress Indicating Circuit SD-67058-01 — Operation Tests
551-466-501	1	Traffic and Trouble Registers — Operation Tests — 758A and 758B PBX	Addendum	1	
551-470 No. 758A/B PBX			551-518-500	2	Register-Sender SD-67045-01 (A&M Only) — Register Sender SD-67077-01 — Operation Tests Using Register-Sender Test Set SD-67049-01 (J58845M)
❶ 551-470-300	1	Console Circuit SD-65925-01 — Method of Operation	❶ 551-518-502	1	Register-Sender SD-67090-01 — Operation Tests Using Register-Sender Test Set SD-67092-01 (J58845M)
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❶ 551-470-500	1	Alarms — Operation Tests	551-522-500	3	Link and Connector Circuit SD-67041-01 or SD-67109-01 — Operation Tests
551-470-501	1	Dial or Manual Line Circuit SD-67114-01 — Operation Test	551-524-500	3	Marker Circuit SD-67043-01 or SD-67101-01 — Decoder Circuit SD-67044-01 or SD-67102-01 Using Register-Sender Test Set SD-67049-01 (J58845M) or Register-Sender Test Set SD-67092-01 (J58845M) and Call Progress Indicator SD-67058-01 — Operation Tests
❶ 551-470-502	1	Marker Circuit SD-65912-01 — Circuit Tests	551-526-500	1	Precedence Circuit SD-67100-01 — Operation Tests
❶ 551-470-503	1	Link and Select Magnet Connector Circuit SD-65913-01 — Operation Tests	551-527-500	1	Announcement Trunk Circuit SD-67093-01 — Operation Test
❶ 551-470-504	1	Dial Pulse Register Circuit — Circuit Tests	551-528-500	3	1000-Hertz Supply, Interrupter, and Distributing Circuit SD-67069-01 or SD-67108-01 — Operation Tests
551-470-505	1	Flutter-Flash Lamp Signal Supply Circuit SD-67076-01 — Operation Tests	551-530-500	2	Plant and Traffic Register Circuit SD-67059-01 — Operation Tests
❶ 551-470-506	1	Busy-Tone Trunks SD-65919-01 — Operation Test	551-531-500	2	Flutter-Flash Lamp Signal Supply Circuit SD-67076-01 — Operation Tests
551-470-507	1	Interrupter Circuit SD-65923-01 — Operation Tests			
❶ 551-470-508	1	Traffic and Trouble Registers — Operation Test — Switching System			
551-5 No. 758C PBX					
❶ 551-510-001	1	Business Services Engineering			
Addendum	1				
551-510-500	4	Alarms — Operation Tests			
551-511-300	2	Console Circuit SD-65925-01 — Method of Operation			

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● 551-533-500	2	4-Wire Station Line Circuit SD-67053-01 — Operation Tests	551-561-500	2	Digital Line Circuit (SD-73095-01), Digital Test Line Circuit (SD-73099-01), and Dial Tone Speed Measuring Circuit (SD-73103-01) — Operation Tests — For Switched Digital Data System (SDDS)
551-533-501	2	4-Wire Station Line Circuit SD-67067-01, SD-67067-02, SD-67087-01, and SD-67095-01 — Operation Tests	551-562-500	2	Digital Trunk Circuit (SD-73096-01) — Operation Tests — 758C Switching System for Switched Digital Data System (SDDS)
551-534-500	1	Line Pickup Circuit SD-65916-01 — Operation Tests	551-563-305	1	Digital Register-Sender Interface Unit SD-73101-01 — Method of Operation for Switched Digital Data System (SDDS)
551-537-500	1	Incoming Trunk Circuit — SD-67042-01 — Operation Tests	551-563-500	2	Digital Register-Sender — Operation Test — Used With Switched Digital Data System (SDDS)
551-540-500	1	Preemption and Continuity Test Trunk SD-67054-01 — Operation Tests	551-564-500	1	Plant and Traffic Register Circuit SD-67059-01 — Operation Tests — Used With Switched Digital Data System (SDDS)
551-541-500	1	Outgoing Dial Trunk Circuit SD-67051-01 — Operation Tests	551-566-305	1	Decoder Marker Test Circuit SD-67118-01 When Used With the 758C Switching System Arranged for Switched Digital Data System — Description and Method of Operation
551-542-500	1	Auxiliary Trunk Circuit SD-67075-01 — Circuit Tests	551-566-500	1	Operational Test of Decoder-Marker Circuits — SD-67102-01 and SD-67101-01 Used Decoder-Marker Test Circuit SD-67118-01 When Used With the 758C Switching System Arranged as a Switch Digital Data System
551-545-500	2	2-Way 4-Wire Tie Trunk Circuit SD-67050-01 — Tests	551-566-502	1	Decoder-Marker Connector Circuit — SD-67106-01 — Operation Tests — Used With Switched Digital Data System (SDDS)
551-546-500	2	2-Way Tie Trunk Circuit SD-67068-01 and SD-67088-01 — Operation Tests	551-567-500	1	Link and Connector Circuit SD-67109-01 — Operation Test — 758C Switching System Used With Switched Digital Data System (SDDS)
551-548-500	1	No-Test Connector Trunk Circuit SD-67064-01 Operation Tests			
551-549-500	1	Tone Trunk Circuit SD-67052-01 — Operation Test			
551-550-500	1	Touch-Tone Test Line Circuit SD-67083-01 — Operation Tests			
551-551-500	1	Secure Voice AUTOVON Trunk Circuit SD-67085-01 — Preemption Signaling Circuit Test Using Preempt-Precedence Test Set SD-69550-01 (J53042A)			
551-560-100	1	Billing Information Transmitter (BIT), BIT Performance Monitor and Load Detection Circuit — Description and Method of Operation — 758C Switching System Used With Switched Digital Data System (SDDS)			
551-560-300	1	Billing Information Transmitter (BIT), BIT Performance Monitor and Load Detection Circuit — Maintenance Procedures — 758C Switching System Used With Switched Digital Data System (SDDS)			

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551-569-500	1	Alarms — Operation Tests — Switched Digital Data System (SDDS)	① 551-770-004	1	Business Services Engineering
551-7 No. 761 and 770 PBX			① 551-770-005	1	Business Services Administration
551-700-210	4	Switching Cabinet — Identification, Installation, Connections — 761A	551-770-200	6	Switching Cabinets — Installation and Connections — Tests and Inspections at Time of Installation — 770A PBX
Addendum	1		551-770-201	4	Service Options — Method of Providing — 770A PBX
551-702-210	1	Attendant and Station Equipment — Identification, Installation, Connections — 761A PBX	551-770-202	1	Preinstallation Information — 770A PBX
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551-716-301	2	Attendant and Station Equipment — Method of Operation	551-770-302	8	770A PBX — Attendant and Station Equipment — Switched Loop — Method of Operation
551-720-210	3	Switching Cabinet — Identification, Installation, and Connections	551-770-303	1	Test Facilities and Test Calls — Method of Operation — 770A PBX
551-722-210	2	Attendant and Station Equipment — Identification, Installation, and Connections	551-770-304	1	770A PBX AUTOVON Option — Method of Operation
551-728-210	4	761B PBX — Service Options — Method of Providing	551-770-305	1	770A PBX — Centralized Attendant Service — Method of Operation
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553-205-202	2	Auxiliary Equipment — Identification, Installation, and Connections for Use With 805A PBX per J58873A, List 1	553-212-501	1	Loudspeaker Paging Trunk Circuit (SD- 65747-01) — Operation Tests
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554-106-300	3	Energy Communications Service Adjunct (ECSA)
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■ 554-111-002	1	Business Services Engineering — Basic Equipment
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■ 554-111-004	1	Business Services Engineering — System Operation
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■ 554-111-006	1	Business Services Engineering
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■ 554-111-105	1	General Software Description and Call Processing Maintenance — Support Information
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554-191-115	3	Attendant Direct Station Selection With Busy Lamp Field and Busy Lamp Field Features	554-191-135	3	Code Calling Access Feature
554-191-116	1	Attendant Lockout and Privacy Lockout Features	554-191-136	6	Centralized Attendant Service With Separate Attendant Concentrator
554-191-117	1	Attendant Transfer — All Calls	Addendum	2	
554-191-118	5	PBX Line Access and Personal Central Office Line Features	554-191-137	3	Code Restriction and Toll Restriction
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554-191-120	2	Controlled Restriction — Features for Feature Package No. 9	554-191-138	3	Controlled Restriction Features (Except for Feature Package 9)
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554-191-122	4	Automatic Identified Outward Dialing (AIOD) Feature	554-191-140	2	Line Ringing, Common Audible Ringing, Abbreviated and Delayed Ringing, Ringing Transfer, and Station Ringer Cutoff
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554-191-152	3	Foreign Exchange (FX) — Central Office (CO) — Access Feature	554-191-174	3	Message Waiting
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554-191-169	5	Customer Administration Center System Feature	554-191-193	2	Recall Dial Tone and Recall Button Features
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554-191-200	2	Two-Party Hold on Console and Serial Call Features	554-191-225	2	Trunk Group Busy Indicators on Attendant Position and Trunk Group Warning Indicators on Attendant Position Features
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Division 555

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555-006-102	1	CDRP Installation — Quick Reference	555-006-701	1	Station Message — Detail Recording (SMDR)
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555-006-110	1	Call Detail Recording Utility	555-006-703	1	CAS Windows Demo Kit (Floppy Disk)
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555-006-511	1	Cost Allocator V2 Rating II Module Enhanced	555-015-119	1	5201A Speakerphone — Installation Wiring
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555-015-122	1	7406 B15 Wall Kit — Installation Instructions	555-016 PC/PBX (Personal Computer/PBX)		
555-015-131	2	8102 and 8110 Telephones \m User's Manual	555-016-101	4	PC/PBX Platform — Installation and Reference
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555-015-140	1	7402 Plus Voice Terminal — Installation Instructions	555-016-103	1	PC/ISDN Interface Software
555-015-150	1	3530D FAX Installation, Maintenance, and Testing Manual	555-016-201	1	Connection R3 — Installation and Maintenance
555-015-151	1	FAX 3500D/3520D Installation and Maintenance	555-016-709	1	7401D Telephone PC/PBX Connection
555-015-152	1	FAX 3500D/3520D Field	555-016-711	1	PC6300 — Quick Guide
555-015-160	1	DEFINITY CALLMASTER® II — Voice Terminal User and Installation Instructions	555-016-713	1	Asynchronous Terminal Emulation — Quick Guide
555-015-161	2	DEFINITY CALLMASTER II Instructions for Programming	555-016-715	1	Connection Release 3.0 Set Package
555-015-164	2	8403, 8410, and 8434 Voice Terminal Installation Instruction (for install, switch administration, and program options)	555-016-720	1	AT&T PC/PBX with Fast Call User's Guide
555-015-168	1	DEFINITY CALLMASTER® II & III — Voice Terminal User and Installation Instructions (8-94)	555-016-761	1	Office-By-Touch — Electronic Document Communications — User's Guide
555-015-169	1	DEFINITY CALLMASTER® II & III — Voice Terminal Instructions for Programming Options (8-94)	555-017 3B2 System		
555-015-176	1	5202A Speakerphone Installation — Instructions and User's Guide	555-017-101	2	DCP — Installation and Administration
555-015-201	6	DEFINITY Communications System and System 75, System 75XE, and System 85 — Terminals and Adjuncts — Reference Manual	555-020 Data Modules		
555-015-711	1	7404D Voice Terminal — User's Manual	555-020-101	1	Installing the 7400A or Z7500A Data Module in a Z77A Data Mounting — Instructions
555-015-712	2	7404D Messaging Cartridge — User's Manual	555-020-706	2	7400A Data Module — User's Manual
555-015-716	4	CALLMASTER Digital Voice Terminal — User's Guide	Addendum	2	
555-015-724	1	8403/10/34/34DX Installation	555-020-707	1	7400B — User's Guide
555-015-750	1	3530D FAX — User's Guide	Addendum	1	
555-015-780	1	QUORUM Conference Room System II — User's Guide	555-020-708	2	7400A Data Module — Modem Pool — Installation Guide
			555-020-711	1	Definity® High Speed Link User Manual (3-27-92)
			555-021 ISDN (Integrated Services Digital Network) Terminal Equipment		
			555-021-101	3	Terminal Installation and Test

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555-021-102	1	Installing the 7500A or Z7500A Data Module in a (Z)77A Data Mounting	■ Addendum	9/91	
555-021-103	2	D-Kit for EPROM Replacement, 7505, 7506, and 7507 Terminals — Installation Instructions	555-021-723	1	7A Direct Interface Unit for OSPS Applications
Addendum	1		555-021-724	1	9A Direct Intelligent Interface 2 (DII2) — User Guide
555-021-501	1	ISDN 7506/7507 CPE Terminal Administration Guide for Standard ISDN-1	555-021-728	1	ISDN 8503T Voice Terminal Feature Package 3 — Users Manual
555-021-702	1	7507 Display Terminal — User's Manual	555-021-729	1	SDN Administration FP3 User's Manual (2-21-92)
555-021-703	2	7500 Data Module — User's Manual	555-021-730	2	ISDN 8500 Series Display Terminal User Manual
555-021-704	1	7514 Voice and Data Terminal — User's Manual	555-021-731	1	ISDN 7505 Modular Terminal and ISDN 7506 Display Terminal — User's Manual (6-92)
555-021-705	1	6504 Key Telephone — User's Manual	555-021-732	1	ISDN 7507 Display Terminal User's Manual FP3
555-021-706	1	6508 Key Telephone — User's Manual	555-021-733	1	Integrated Services Attendant Console Model 311A User Guide (6-92)
555-021-707	1	Asynchronous Data Module for 7505/7506/7507 — Quick Reference Guide	555-021-734	1	National Integrated Services Digital Network (ISDN-2) 7506/7507 User's Manual With Standard ISDN-1 (1-93)
555-021-708	2	Asynchronous Data Module for 7505/7506/7507 Voice Terminals — User's Manual	555-021-735	1	ISDN 8510T Voice Terminal Soft Keys — Quick Reference Guide
555-021-709	1	Using the Display on Your 7500 Data Module	555-021-736	1	ISDN 8510T Voice Terminal Feature Package 3 — User's Manual (1-93)
555-021-710	2	310A1-A Attendant Console — User's Manual	555-021-740	1	PACKIT/6 ISDN PAD User's Guide
555-021-711	2	6504A/T — User's Manual	555-021-744	1	PACKIT/6 ISDN PAD Feature Release 2 Quick Reference Guide
555-021-712	2	ISDN 6508 Display Terminal — User's Manual	555-021-746	2	PACKIT/6 & PACKIT/30 ISDN PAD Feature Release 3 — Installation, Administration, and Maintenance
555-021-714	2	7505/7506 Voice Terminal User's Guide	555-021-747	1	PACKIT/6 & PACKIT/30 ISDN PAD Feature Release 3 — User's Guide Guide
555-021-715	1	7507D Voice Terminal — User's Guide	555-021-750	1	7500 Series Voice Terminal — Installation (BCS/ET Course #VT800)
555-021-716	1	7505/7506/7507 — FP2 Asynchronous Data Module — User's Manual	555-021-751	1	7500 Series Voice Terminal - Maintenance (BCS/ET Course VT801)
Addendum	1		555-021-758	1	ISDN 8520T Voice/Data Terminal FP3 User Manual
555-021-717	1	ISDN 7500B Data Module — User's Manual			
555-021-718	1	7505/7506/7507 Asynchronous Data Module Feature Package 2 — Quick Reference Guide			
555-021-719	1	ISDN 7500B Data Module — Quick Reference Guide			
555-021-720	6/88	7A Direct Interface Unit — User's Manual			

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555-021-759	1	ISDN 10 Voice Terminal FP3 User Guide	Addendum	2	
555-021-760	3	AT&T ExpressRoute Digital Adapter 1000/2000 Feature Release 6.0 Technical Reference	555-025-901	2	Connectivity Certification — Multivendor Configuration (Binder)
555-021-762	1	AT&T ExpressRoute Digital Adapter 1000/2000 Feature Release 6.0 User's Guide	555-027 Group Video and Multipoint Control Unit		
555-021-775	1	ISDN 10 Voice Terminal Installation Guide	555-027-711	1	Group Video Installation and Test
555-025 System 75 and System 85 Network and Data Services			555-027-712	1	Group Video Maintenance
Addendum	1		555-027-713	1	Group Video User's Manual
555-025-101	4	DEFINITY Communications System and System 75 and System 85 — DSI/DMT/ISDN-PRI Reference	555-027-714	1	Group Video Quick Reference
555-025-102	1	DEFINITY ISDN Basic Rate Interface— Technical Reference	555-027-721	3	Multipoint Control Unit System Description
555-025-103	1	DEFINITY Communications System DS1/CEPT1/ISDN PRI Reference	555-027-725	3	Multipoint Control Unit Reservations Agent Manual
555-025-107	1	DEFINITY G2.2 and 3V2 DS1/CEPT1/ISDN PRI Reference	555-027-727	3	Multipoint Control Unit System Administration and Reports
555-025-201	4	AT&T Network and Data Connectivity	555-030 3270 Data Modules		
Addendum	2		Addendum	1	
555-025-203	1	Adjunct/Switch Application	555-030-701	1	3270 Data Module — User's Manual
555-025-204	3.2	DMI Specification Issue 3.2	Addendum	1	
555-025-205	1	System 75 and System 85 Application Notes — Trunk Signaling and Transmission	555-030-702	1	3270A Data Module — User's Guide
Addendum	1		Addendum	1	
555-025-301	1	Network Connectivity — The Integration of Voice and Data	555-030-703	1	3270T Data Module — User's Guide
555-025-400	2	Remote Port Security Device — User's Manual	Addendum	1	
555-025-600	3	BCS Products Security Handbook	555-030-704	1	3270 Data Module — User's Manual
555-025-601	2	BCS Products Security Kit	Addendum	1	
555-025-704	2	AT&T System 25, System 75, and DIMENSION® PBX 400/600/2000 — AUTOVON Operations	555-030-705	1	3270T Data Module
			555-030-706	2	ISDN 7506 Integrated Data Module — Reference Manual
			555-030-707	2	ISDN 3270 Coax Data Module — Reference Manual
			555-030-708	2	ISDN 3270 Integrated Data Module — Quick Reference Card
			555-030-709	2	ISDN 3270 Coax Data Module — Quick Reference Card
			555-030-710	2	ISDN 3270 CDM/7506 IDM ASCII Emulation Keyboard Mapping — User Card

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555-035 Implementation Guidelines for Communications System			555-035-807	1	DEFINITY Communications System — Generic 2 and System 85 — Call Vectoring— Application Notes
555-035-010	1	DEFINITY Communications System Overview — Course #VT700	555-035-808	1	DEFINITY Communications System and System 75 and System 85 — Call Centers— Application Notes
Addendum	1		555-035-809	1	DEFINITY Communications System and System 75 and System 85 — Used as a D4/MUX or ISDN Controller— Application Notes
555-035-100	1	System Installation Quality Guide	555-035-810	1	DEFINITY World Class Routing— Application Notes
555-035-105	1	System 75 XE Upgrade to DEFINITY Generic 2 (Video)	555-037-202	1	System 85 R2V4 DSI Port to 4ESS™ With ACCUNET® Switched 56 Service
555-035-202	1	Cross-Product Applications — System 75/System 85, and ISN Applications Guide	555-037-203	1	System 85 R2V4 to 4ESS™ With MEGACOM® & MEGACOM 800
555-035-203	2	AT&T 7400B Data Module — PC Applications Guide	555-037-204	1	System 75 R1V3 to 4ESS With ACUNET Switched 56 Service
555-035-301	4	Enhanced Power System Product Manual	555-037-205	1	System 75 R1V3 to 4ESS With MEGACOM® & MEGACOM 800 Service
555-035-501	3	DEFINITY Communications System and System 85 HOME AGENT Application, Installation, and Operation	555-037-206	1	System 85 R2V4 to System 75 R1V3 Via DSI Tie Trunk
555-035-705	3	DEFINITY Communications System and System 85 HOME AGENT Application — Home Agent's Instructions	555-037-207	1	System 75 Data Line DLC to ISN AIM
555-035-706	3	DEFINITY 85 HOME AGENT Summary of Commands	555-037-208	1	System 85 R2V3 & R2V4 to 3B2 With 3B2 CMS
555-035-751	3	DEFINITY Communications System and System 85 HOME AGENT Application — Trainer's/Supervisor's Guide	555-037-209	1	System 75 to 3B2/600 With CSM V4
555-035-801	1	DEFINITY Communications System and System 75/85 — Facsimile Applications — Application Notes	555-037-210	1	System 85 to AUDIX®
555-035-802	1	DEFINITY System 85 Call-By-Call Service Selection Application Notes	555-037-211	1	System 75 R1V3 to 3B2 With 3B CMS
555-035-803	1	DEFINITY Communications System and System 75/85 — Hands-Free Applications — Application Notes	555-037-212	1	System 75 to 3B2/600 With CMS
555-035-804	1	DEFINITY Communications System — Video Teleconferencing — Application Notes	555-037-213	1	System 75 to AUDIX
555-035-805	1	DEFINITY Communications System — ISDN-PRI — Application Notes	555-037-214	1	System 85 R2V4 to 740 Multiplexer
555-035-806	2	DEFINITY Communications System and System 85 — MPDM V.35 Bit-Inversion Cable — Application Notes	555-037-215	1	System 85 R2V4 to 551 CSU
			555-037-216	1	System 85 R2V4 to DR34N Microwave
			555-037-217	1	System 75 RN3 to 740 Multiplexer
			555-037-218	1	System 75 R1V3 to 551 CSU
			555-037-219	1	System 75 R1V3 to DR23 Microwave
			555-037-220	1	ISN Fiber Interface Module to ISN FIM

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555-037-221	1	ISN Trunk Interface Module to ISN TIM	555-1 System 85 and DEFINITY Generic 2 Communication System		
555-037-222	1	3B2/600 to 94A LSU With CSM V4	555-101 Release 2 Versions 1 and 2		
555-037-223	1	3B2/600 to 93B Poller CMDR With CSM V4	■ 555-100-130	1	Roadrunner Source Book — System 85 Note: Replaced by 555-230-130
555-037-224	1	3B2 to Printers and Terminal with CSM R1V2, V4	555-101-107	3	Versions 1 and 2 — Feature Translations — Service Manual
555-037-225	1	551 CSU to Local Exchange T1 Facility	Addendum	1	
555-037-226	1	DPII 740/741 ACCULINK® Multiplexer to DATAPHONE® II	555-101-108	2	Versions 1 and 2 — Maintenance — Service Manual
555-037-227	1	DPII 740/741 Multiplexer to DPII 740/741 Multiplexer	555-101-114	2	Version 2 — X-Ray Tests — Service Manual
555-037-228	1	DPII 740/741 Multiplexer to DATAPHONE II 745 Multiplexer	555-101-411	1.7	Change Description R2V2 1.1
555-037-229	1	DPII 740/741 ACCULINK® Multiplexer to D4 Channel Bank	555-101-413	1.3	Change Description R2V2 1.3
555-037-230	1	DPII 741 Multiplexer to DPII 2656 DSU	555-101-414	1.4	Change Description R2V2 1.4
555-037-231	1	DPII 745 Multiplexer to DPII 745 Multiplexer	555-101-415	1.5	Change Description R2V2 1.5
555-037-232	1	System 85 R2V4 to 4ESS Via ISDN Primary Rate Interface (PRI) Access	555-101-417	1	Change Description R2V2 Issue 1.7
555-037-233	1	System 85 R2V4 to DEFINITY Generic 1.1 Via ISDN PRI	555-101-418	1	Change Description R2V2 Issue 1.8
555-037-234	1	DEFINITY Generic 1.1 to 4ESS VIA ISDN PRI Access	555-102 Release 2 Versions 1, 2, and 3		
555-037-235	1	DEFINITY Generic 2 to 4ESS VIA ISDN PRI Access	555-102-105	1	X-Ray Tests — Service Manual — R2V3
555-037-236	1	System 85 R2V4 to ESF T1 CSU	555-102-107	2	Feature Translations — Service Manual — R2V3
555-037-237	1	ESF T1 CSU to T1 Facility	555-102-108	2	Maintenance — Service Manual — R2V3
555-037-238	1	DEFINITY Generic 1 & 2 Product Interfaces REF DCS	555-102-201	1	System Description — Reference Manual
555-037-299	4	DEFINITY Generic 1 & 2 Index Product Interfaces Reference Series	555-102-301	1	Features — Reference Manual
555-045 Universal Turret/Universal Turret "PLUS"			555-102-411	1.1	Change Description (Delta Document) — R2V3 Issue 1.1
555-045-601	1	Turret VX Series — Planning and Configuration Guide	555-102-412	1.2	Change Description R2V2 1.2
Addendum	1		555-102-413	1.3	Change Description R2V3 1.3
555-045-901	1	Turret VX Series — Marketing Guide	555-102-414	1.4	Change Description R2V3 1.4
			555-102-415	1.5	Change Description R2V3 1.5
			555-102-416	1.6	Change Description R2V3 1.6
			555-102-501	1	SMT Administration Management — User's Guide — R2V3
			555-102-502	2	Traffic Data Analysis Guide
			□ Addendum	1	
			□ 555-102-503	1	PBX Traffic Analysis — Trunking Tables NOTE: Replaced by 555-104-503

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555-102-603	1	Equipment Room Floor Plans and Specifications — Planning Manual — R2	555-104 DEFINITY Communications System And System 85 Generic 2.1		
555-102-621	1	System 85 Customer Mechanized Interface Implementation	555-104-010	1	DEFINITY Generic 2 Documentation Guide
555-102-751	1	Feature Facts	555-104-020	1	Introduction to AT&T System 85-R2V5
555-103 Release 2 Versions 1, 2, 3, and 4			■ 555-104-104	3	DEFINITY Generic 2 Installation (2 Vols.)
555-103-021	2	Reliability and Maintenance	555-104-111	2	DEFINITY Generic 2 Upgrades
555-103-102	1	Reliability and Maintenance	555-104-120	1	Electrical Protection, Grounding, and Exposure List
555-103-108	1	Maintenance (R2V4)	555-104-203	1	Pocket Reference
555-103-109	1	System Tests (R2V1 — R2V4)	555-104-411	10/89	DEFINITY Communications Systems — Change Description — Generic 2.1 Issue 1.1 — Incremental Issue
555-103-120	1	Electrical Protection, Grounding, and Exposure Checklist	555-104-412	1/90	DEFINITY Communications Systems — Change Description — Generic 2.1 Issue 1.2 — Incremental Issue
555-103-412	1.2	System 85 Change Description R2V4	● 555-104-420	2.0	DEFINITY Communications System — Change Description — Generic 2.1
555-103-413	10/89	System 85 Change Description R2V4 Issue 1.3	555-104-421	2.1	DEFINITY Communications System — Change Description — Generic 2.1 Issue 2.1
555-103-420	1/90	System 85 Change Description R2V4 Issue 2.0	555-104-430	1	DEFINITY Communications System — Change Description — Generic 2.1 Issue 3.0
555-103-421	2.2	System 85 Change Description R2V4 Issue 2.2 — Incremental Issue	555-104-431	1	DEFINITY Communications System — Change Description — Generic 2.1 Issue 3.01
555-103-501	2	SMT Administration Management (R2V4)	555-104-433	1	DEFINITY Communications System — Change Description — Generic 2.1 Issue 3.03
Addendum	2		555-104-480	2	DEFINITY Communications System — Software Changes — Generic 2.1 Issue 2.0
555-103-502	1	Traffic Data Analysis Guide	555-104-481	1/91	DEFINITY Communications System — Generic 2.1 Issue 3 Letter
555-103-506	2	Administration Procedures (R2V4)	555-104-482	1	DEFINITY Communications System — Generic 2 Issue 2/3 Job Aid
555-103-507	1	System 85 Administration Procedures	555-104-483	1	DEFINITY Communications System — Change Description — Generic 2.2 Issue 2
555-103-508	1	System 85 R2V4N Transition Guide	Addendum	2	
555-103-509	1	System 85 R2V4N Supplement to Administration of Features and Hardware	555-104-502	1	Traffic Analysis Measurements (R2V5)
555-103-521	1	DCIU (Data Communications Interface Unit) — Application Notes			
555-103-522	1	EIA (Electronic Industries Association) EIA Port Administration Notes			
555-103-523	1	CALLMASTER Digital Voice Terminal — Application Notes			
555-103-614	1	Input Guide			
555-103-621	2	Customer Mechanized Interface			
555-103-901	1	Provisioning Manual			
555-103-920	1	Electronic Library Performance Aid			

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555-104-503	1	Traffic Tables	555-104-724	1	DEFINITY SYSTEM 85 7402 + Voice Terminal — User's Guide
555-104-504	1	Traffic Theory	555-104-730	1	Attendant Console — User's Guide
555-104-505	3	DEFINITY Manager II Operation (3-6-92)	555-104-732	1	Voice Terminal Operation
Addendum	1		555-104-740	1	DEFINITY SYSTEM G2 and 85 7401+ Voice Terminal — User's Guide
555-104-506	2	Administration Procedures	555-104-741	1	7406 Plus Voice Terminal — User's Guide
Addendum	1		555-104-742	1	DEFINITY Generic 2 and System 85 7407 Plus Voice Terminal — User Guide
555-104-507	2	DEFINITY Generic 2 Administration of Features and Hardware	555-104-743	1	7410 Plus Voice Terminal — User's Guide
555-104-508	--	Basic Traffic Analysis	555-104-744	1	DEFINITY Communications System Generic 2 and System 85—7444 Voice Terminal User's Guide
555-104-520	1	DEFINITY Generic 2.1 Precedence Calling Autovon Access	555-104-746	1	DEFINITY Generic 2 & 85 8102 & 8110 Telephone User Guide
555-104-535	1	DEFINITY Manager II Command Summary	555-104-748	1	8102 and 8110 Telephone — User's Guide
555-104-536	1	Basic Traffic Analysis	555-104-761	1	DEFINITY G2 and System 85 8403 Voice Terminal User Guide (9-93)
555-104-603	1	Equipment Room Floor Plans and Specifications	555-104-762	1	DEFINITY G2 and System 85 8403 Quick Reference Guide (9-93)
555-104-621	1	Customer Mechanized Interface — User's Guide	555-104-763	1	DEFINITY G2 and System 85 8410 Voice Terminal User Guide (1/94)
555-104-630	2	DEFINITY Generic 2 Wiring	555-104-764	1	DEFINITY G2 and System 85 8410 Voice Terminal Quick Reference Guide (12/93)
555-104-702	2	DEFINITY Generic 2 7406D Voice Terminal — User's Guide	555-104-765	1	DEFINITY G2 and System 85 8434 Voice Terminal User Guide (5/94)
555-104-705	2	DEFINITY Generic 2 7407D Voice Terminal — User's Guide	555-104-766	1	DEFINITY G2 and System 85 8434 Voice Terminal Quick Reference Guide (4/94)
555-104-706	2	DEFINITY Generic 2 2500 Telephone — User's Guide	555-104-767	1	DEFINITY G2 and System 85 8434DX Voice Terminal User Guide
555-104-709	3	7434D Voice Terminal — User's Guide	555-104-768	1	DEFINITY G2 and System 85 8434DX Voice Terminal Quick Reference Guide
555-104-712	1	7401D Voice Terminal — User's Guide			
555-104-715	3	7102A Voice Terminal — User's Guide			
555-104-716	2	7410D Voice Terminal — User's Guide			
555-104-717	2	DEFINITY Generic 2 and 85 YMGK Telephone Set — User's Guide			
555-104-718	1	S201A and S202A Speakerphones — User's Guide			
555-104-719	2	ISDN 7505, 7506, and 7507 Terminal — User's Guide			
555-104-721	2	DEFINITY Generic 2 and System 85 7406 BIS Voice Terminal User Guide (4-90)			
● 555-104-723	1	DEFINITY Communications System Generic 2 and System 85 Enhanced 7407D (7407D02C) — Voice Terminal User's Guide			

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555-105 DEFINITY Communications System Generic 2.2			Addendum	1	
555-105-117	1	DEFINITY G2 Maintenance Procedures	555-200-111	2	75XE Wiring Guide — Service Manual
555-105-118	1	DEFINITY G2 Maintenance Repair	555-200-112	1	Wiring — Pocket Reference
555-105-201	1	DEFINITY G2 System Description	555-200-120	1	Electrical Protection Grounding, and Exposure Checklist
Addendum	1		■ 555-200-130	7/91	Roadrunner Source Book — System 75 Note: Replaced by 555-230-130
555-105-301	1	DEFINITY G2 Feature Description	System/Feature Descriptions		
555-105-401	1	DEFINITY G3 V2 Issue 4.5 Change Description	555-200-200	5	System 75 — System Description — Reference Manual
Addendum	1		■ Addendum	2	
555-105-506	1	DEFINITY G2.2 Administration Procedure	555-200-201	6	DEFINITY Communications System — Generic 1 — Feature Description — Reference Manual
Addendum	1		Addendum	1	
555-105-507	1	DEFINITY G2 Administration Feature and Hardware	555-200-202	7	AT&T DEFINITY Generic 1 and System 75 — Pocket Reference
Addendum	1		555-200-497	2	System 75 — Enhanced — R1V3
555-105-531	1	DEFINITY G2 World Class Routing Implementation	555-200-498	1	New and Enhanced Features — R1V2
555-105-713	1	DEFINITY G2 System 85 Automatic Call Distribution	Addendum	1	
555-105-714	1	DEFINITY G2 and 85 ACD Supervisor Instructions	555-200-499	5	DEFINITY Communications System Generic 1 — Administration and Measurements Reports
555-2 System 75, 75XE, and DEFINITY Communications System Generic 1, 2, 3			Addendum	1	
555-200 System 75 Release 1 — General Information			555-200-500	5	Definity G1 and System 75/75XE — Administration and Measurements Reports
Introduction			555-200-501	1	System 75 R1 V3N North American Number Plan (NANP) (Description (7-93))
555-200-024	2	Introduction to DEFINITY Communications System — Generic 1	555-200-502	1	DEFINITY Communications Systems R1.1n North American Number Plan (NANP) — Description and Administration (7-93)
555-200-026	1	Introduction to DEFINITY Communications System — Generic 1 — Hospitality Services	555-200-553	1	Management Fundamentals 3
Installation/Test/Maintenance/Source			555-200-555	1	System 75 — System Management Fundamentals — Data Management
Addendum	1		Planning		
555-200-104	5	System 75 — Installation and Test — Service Manual, R1V1, 2, 3	555-200-600	5	DEFINITY Communications System Generic 1 and System 75 — Planning/ Configuration Manual
555-200-105	5	System 75 — Maintenance Service Manual			
555-200-106	5	Service Manual — Upgrades and Additions			

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555-200-650	1	Implementation Manual — R1V1	555-200-727	4	System 75 — 7401D Voice Terminal — User's Guide
555-200-651	3	Implementation Manual — R1V2	555-200-728	4	System 75 — 7102A Voice Terminal — User's Instructions
555-200-652	3	System 75 — Implementation Manual — R1V3	555-200-731	1	Customer Troubleshooting Guide
555-200-660	2	Traffic Data Analysis Guide — R1V3	555-200-732	3	System 75 — 7410D Voice Terminal — User's Guide
Peripherals Operation			555-200-733	3	System 75 — 7434D Voice Terminal — User's Guide
Addendum	1		555-200-734	1	YMGK Telephone — User's Guide
555-200-700	5	DEFINITY Communications Systems — Generic 1 Console Operation — User's Guide	555-200-735	1	DEFINITY Generic 1 and System 75 S201A/S202A Telephone
555-200-701	5	DEFINITY Communications System — Generic 1 and System 75 — Voice Terminal Operations — User's Guide	555-200-737	1	System 75 — 7406BIS Voice Terminal — User's Guide
555-200-702	5	System 75 — 2500 Telephone Set and 2500 Telephone Set With Message Waiting and Recall — User Instructions	555-200-738	1	System 75 — Enhanced 7407D (7407DOZC) Voice Terminal — User's Guide
555-200-704	2	System 75 — 7403D and 7405D Voice Terminals — User's Instructions	555-200-739	1	
555-200-705	1	LWC Voiced and Message Retrieval — User Instructions	555-200-751	1	DEFINITY Communications System Generic 1 — 7313H, 7314H, 7315H, 7316H and 7317H — Voice Terminal User's Guide
555-200-706	4	7303S and 7305S Voice Terminals — User's Instructions	555-200-755	1	5201A and 5202A Speakerphones — User's Guide
555-200-708	1	S101A and S102A Speakerphones — User Instructions	555-200-901	--	System 75 V3N Documentation
Addendum	1		555-200-902	--	System 75XE V3N Documentation
555-200-709	1	7101A Voice Terminal — User Instructions	555-200-925	1	Property Management System — DEFINITY — Generic 1 and System 75 — Interface Specification
555-200-712	1	Digital Display Module — User Instructions	555-200-930	1	Hard Patch Feature Specification and Procedural Issues — DEFINITY Communications System Generic 1
Addendum	1		555-201 System 75XE		
555-200-715	1	7404D Voice Terminal — User Instructions	Addendum	1	
555-200-716	4	7407D Voice Terminal — User Instructions	555-201-106	1	Upgrades & Additions
Addendum	1		555-201-130	9/91	Roadrunner Source Book — System 75XE Note: Replaced by 555-230-130
555-200-717	1	7103A Voice Terminal (Programmable) — User Instructions	555-201-200	3	System Description
555-200-719	3	7406D LCDT Voice Terminals — User's Guide	555-201-201	1	Netware PBX DRI INT
555-200-722	2	Automatic Call Distribution — Agent Instructions	555-201-202	1	Netware API
555-200-723	2	Hospitality Operations — User's Guide	555-201-203	1	Netware DEF
555-200-724	2	Automatic Call Distribution — Supervisor Instructions	555-201-205	1	Netware TRB
			555-201-501	1	Passageway Telephone Services Network Managers Guide (7-94)

Number	Issue	Subject	Number	Issue	Subject
555-201-502	1	Passageway Definity Network Manager Guide (7-94)	555-204-590	1	DEFINITY G3i Global System Reports Supplements
555-201-701	1	Netware SIM	Addendum	3	
555-201-702	1	Passageway Telephone Services Network User Guide (7-94)	555-204-654	2	Implementation — Generic 1.1
555-204 DEFINITY Communications System Generic 1			555-204-716	1	7407D Voice Terminal — User's Guide
Addendum	1		555-204-719	2	7406D Voice Terminal — User's Guide
555-204-105	6	DEFINITY G1 and 3 Maintenance Packet Bus Supplement (7-93)	555-204-727	2	7401D Voice Terminal — User's Guide
Addendum	2		555-204-728	3	7102A Voice Terminal — User's Guide
555-204-106	2	Upgrades and Additions	555-204-732	2	7410D Voice Terminal — User's Guide
Addendum	1		555-204-733	1	7434D Voice Terminal — User's Guide
555-204-190	1	DEFINITY G2i Global Upgrades and Additions	555-204-734	1	DEFINITY Generic 1 2500 YMGK Telephone User Guide
555-204-411	1	Change Description — Software — Issue 1.0 to 1.1	555-204-737	1	7406B15 Voice Terminal — User's Guide
555-204-412	1	Software Changes for Generic 1.1 — Issue 1.1 to 1.2	555-204-738	1	Enhanced 7407D (7407DOZC) Voice Terminal — User's Guide
555-204-413	1	Software Changes for Generic 1.1 — Issue 2.0 to Issue 3.0	555-204-740	2	7401 Plus Voice Terminal — User's Guide
555-204-414	1	Software Changes for G1.1 — Issue 3.0 to Issue 3.1	555-204-742	1	7407 Plus Voice Terminal — User's Guide
555-204-415	1	Software Changes for Generic 1.1 — Issue 3.1 to Issue 4.0	555-204-750	1	DEFINITY Generic 1 7505, 7506, and 7507 Voice Terminal User Guide
555-204-416	1	Software Changes for Generic 1.1 — Issue 4.0 to Issue 5.0	555-209 System 75 Application Notes		
555-204-417	1	Software Changes for Generic 1.1 — Issue 5.0 to 5.1	555-209-002	1	Network Services
555-204-418	1	Software Changes for Generic 1.1 — Issue 5.1 to 6.0	555-209-003	2	Distributed Communications System
555-204-419	1	Software Changes for Generic 1.1 — Issue 6.0 to 6.1	555-209-004	1	Bridging
555-204-420	1	Software Changes for Generic 1.1 — Issue 6.1 to Issue 7.0	555-209-006	3	7406D Voice Terminal
555-204-421	1	DEFINITY Software Changes for Generic 1 Issue 7.1	555-209-007	1	Modem Pooling
555-204-422	1	DEFINITY Software Changes for Generic 1 Issue 7.2	555-209-008	2	TN-726 Data Line Circuit Pack
555-204-440	2	International DEFINITY Generic 1 Supplemental Information	555-209-010	1	CALLMASTER™ Digital Voice Terminal
Addendum	1		555-209-011	1	7401D Voice Terminal
555-204-498	1	Enhancements	555-209-012	1	7434D Voice Terminal
555-204-499	1	Capabilities	555-209-013	1	Automatic Call Distribution
555-204-510	1	DEFINITY System Reports G1 and G3i (1-31-92)	555-209-014	1	Outgoing Call Management
			555-209-017	1	System 75 RIV2 and RIV3 7400B Data Module

Number	Issue	Subject	Number	Issue	Subject
555-230 DEFINITY Communications System Generic 1 and Generic 3			Addendum	1	
555-230-021	1	DEFINITY Introduction to Hospitality (1-30-92)	555-230-206	2	DEFINITY Generic 3 System Description and Specifications
555-230-023	1	An Introduction to DEFINITY Communications System Generic 3 V2	■ 555-230-220	3	DEFINITY Generic 3 CALLVISO TM ASAI Technical Reference
Addendum	1		■ 555-230-221	3	DEFINITY Generic 3 CALLVISO TM ASAI Protocol Reference
555-230-104	4	DEFINITY G1 and G3 — Installation and Test (6-93)	Addendum	1	
Addendum	1		555-230-222	3	DEFINITY Generic 3 CALLVISO TM ASAI Planning Guide
555-230-105	3	DEFINITY Communications System Generic 3 Maintenance (2 Volumes)	555-230-230	1	DEFINITY Communications System Generic 3 V2 Wideband Technical Reference (7-93)
555-230-106	1	DEFINITY Communications System Generic 3r Upgrades and Additions	555-230-250	1	DEFINITY Communications System Enhancements Addendum to Generic 3 V2 July 1993 (10-18)
Addendum	1		555-230-430	1	DEFINITY Software Changes for Generic 3i — Issue 1.0 to 2.0
555-230-107	1	DEFINITY Communications System Generic 3 V1.1 and V2 Upgrades and Generiac 3 Additions — Volume 1 and 2 (6-93)	555-230-431	1	DEFINITY Software Changes for Generic 3i — Issue 2.0 thru 4.0
■ 555-230-130	4/93	Roadrunner Source Book — DEFINITY Note: This replaces 555-200-130 (System 75), 555-201-130 (System 75XE), and 555-100-130 (System 85)	555-230-432	1	DEFINITY Software Changes for Generic 3i — Issue 4.0 thru 6.0
555-230-193	1	DEFINITY Generic 1&2&3 V1&2 Integrated CSU Module Installation and Operation (12-93)	555-230-433	1	DEFINITY Software Changes for Generic 3i — Issue 7.0
Addendum	3		555-230-434	1	DEFINITY Software Changes for Generic 3 V1.2
555-230-200	3	DEFINITY Communications System Generics 1 and 3 System Description and Specifications	555-230-435	1	DEFINITY Software Changes for Generic 3 — Issue 2.1
Addendum	4		555-230-436	1	DEFINITY Software Changes for Generic 3 V7.1
555-230-201	3	DEFINITY Generics 1 and 3i Feature Description	555-230-452	1	DEFINITY G3R DG3R01.05.4.00.0 Change Description
555-230-202	1	DEFINITY Generics 1 and 3 Pocket Reference	555-230-453	1	DEFINITY G3R DG3R01.06.7.00.0 Change Description
555-230-203	1	DEFINITY Communications System Generic 3i — Global Feature Description (12-92)	555-230-455	1	DEFINITY G3R (DG3R01.08.5.00.0) Change Description
Addendum	2		555-230-456	3/94	DEFINITY G3V3 Issue 1 Change Description
555-230-204	1	DEFINITY Generic 3 Feature Description	555-230-458	1	DEFINITY G3V3 Issue 2 Change Description (9-94)
555-230-205	1	DEFINITY Generics 1 and 3i Feature Description	555-230-459	1	DEFINITY G3V2 Issue 5.3 Change Description
			555-230-460	1	DEFINITY G3V3 Issue 3.0 Change Description
			555-230-496	1	DEFINITY G3V2 Capabilities

Number	Issue	Subject	Number	Issue	Subject
555-230-498	1	DEFINITY G3 Transition Reference	Addendum	2	Update to Version 3
555-230-499	1	DEFINITY Generic 3 Capabilities	555-230-653	1	DEFINITY Communications System Generic 3 Version 2 Implementation
Addendum	2				
555-230-500	1	DEFINITY Generics 1 and 3 System Management	555-230-653B	2	DEFINITY Communications System Generic 3 Version 2 Implementation Blank Forms
555-230-510	2	DEFINITY Communications System Generic 3r System Reports	555-230-662	1	DEFINITY Front End Dimension System
Addendum	2		555-230-700	2	DEFINITY Console Operations G1 and G3 (1-31-92)
555-230-511	1	DEFINITY Communications System G3V2 Traffic Report	555-230-701	1	DEFINITY Voice Terminal Operation G1 and G3 (1-31-92)
Addendum	1		555-230-702	1	DEFINITY G1 and G3 2500 Telephone User Guide
555-230-520	3	DEFINITY G3 Call Vectoring Guide	Addendum	1	
555-230-590	1	DEFINITY G3I Global System Management Supplement	555-230-704	3	DEFINITY G3 Basic Call Management System (BCMS) Operations
555-230-591	1	DEFINITY G3I Global Call Vectoring Guide Supplement	Addendum	2	
555-230-600	2	DEFINITY Generics 1 and 3 Planning Configuration	555-230-715	1	Integrated Solutions-III System Manager's Guide for DEFINITY (6-93)
555-230-601	2	DEFINITY Generic 3 Planning and Configuration	555-230-716	2	Integrated Solutions-III Installation and Maintenance for DEFINITY
555-230-620	1	DEFINITY Communications System Generic 3r Transition Reference	555-230-722	3	DEFINITY Automatic Call Distribution Automatic Call Distribution Agent Instructions
555-230-621	1	DEFINITY Communications System G2 to G3V2 Transition Reference	555-230-723	2	DEFINITY Hospitality Operations G1 and G3
555-230-630	1	DEFINITY Communications System Generic 1 and Generic 3 Main Distribution Field Design (4-3-92)	555-230-724	2	DEFINITY Automatic Call Distribution (ACD) Supervisor Instructions
555-230-635	1	DEFINITY Communications System G3V2 to G3V3 Transition Reference	555-230-730	1	DEFINITY G1,2,&3 System 75/85 Voice Terminal Quick Reference Guide
Addendum	3		555-230-741	1	DEFINITY G1&3 System 75 7406 Plus Voice Terminal User Guide
555-230-650	1	DEFINITY Implementation Guide (1-31-92)	555-230-743	1	DEFINITY G1&3 System 75 7410 Plus Voice Terminal User Guide
555-230-650B	1	DEFINITY Generic 3 Implementation Forms	555-230-744	1	DEFINITY Generics 1 and 3 System 75 7444 Voice Terminal User Guide
555-230-651	2	DEFINITY Communications System Generic 3r Implementation	555-230-746	2	DEFINITY Generics 1 and 3 System 75 8102 and 8110 Voice Terminal User Guide
555-230-651B	2	DEFINITY Communications System Generic 3r Implementation Form	555-230-747	2	DEFINITY Generic 1 and 3 8503 Voice Terminal User Guide
555-230-652	1	DEFINITY G3I Global Implementation Manual (12-92)			
555-230-652B	1	DEFINITY G3I Global Implementation Forms (12-92)			

Number	Issue	Subject	Number	Issue	Subject
555-230-748	1	DEFINITY Generic 1 and Generic 3 ISDN 8510t Voice Terminal Users Guide	555-230-784	1	8434 Voice Terminal User Guide - EUFR
555-230-750	3	DEFINITY Voice Terminal Docu-Master Kit	555-230-785	1	8434 Voice Terminal User Guide - EUSP
555-230-760	1	DEFINITY G1&3 System 75 7402 Plus Voice Terminal User Guide	555-230-790	1	DEFINITY G3I Global Console Operations Supplement
555-230-761	1	DEFINITY G1&3 System 75 8403 Voice Terminal User Guide	555-230-792	1	CALLMASTER II & III Quick Reference - German
555-230-762	2	DEFINITY G1, G3, and System 75 8403 Quick Reference Guide (10-5-93)	555-230-794	1	CALLMASTER II & III Quick Reference - EUROSP
555-230-763	1	DEFINITY G1&3 8410 Voice Terminal User Guide	4555-230-800	2	Advanced Browser-Windows (Diskett package)
555-230-764	1	DEFINITY G1&3 and System 75 8410 Voice Terminal Quick Reference Guide	4555-230-801	2	EDS DEFINITY G3V3 Basic Offering (CD-ROM) (8-93)
555-230-765	1	DEFINITY G1&3 System 75 8434 Voice Terminal User Guide (5-94)	4555-230-802	2	DEFINITY G3 Administration (CD-ROM) (6-94)
555-230-766	1	DEFINITY G1&3 System 75 8434 Voice Terminal Quick Reference Guide (4-94)	4555-230-803	2	DEFINITY G3 Network (CD-ROM)
555-230-767	1	DEFINITY G1&3 System 75 8520T Voice Terminal User Guide (11-93)	4555-230-804	2	DEFINITY G3 Maintenance (CD-ROM)
555-230-768	1	DEFINITY G1, G2, G3, System 75, 85 MDW 9000 Wireless Telephone User Guide (5-94)	4555-230-810	1	Advanced Browser-UNIX® (Diskett package)
555-230-769	1	DEFINITY G1, G2, G3, System 75, 85 MDC 9000 Cordless Telephone User Guide (5-94)	555-230-851	1	8403 Voice Terminal User Guide - SPAN
555-230-773	1	DEFINITY G1, G3, System 75, G2, System 85 8101, 8102, 8110 Voice Terminal Quick Reference Guide (12-93)	555-230-853	1	8410 Voice Terminal User Guide - LATA
555-230-777	1	8403 Voice Terminal User Guide - German	555-230-855	1	8434 Voice Terminal User Guide - LATA
555-230-778	1	8403 Voice Terminal User Guide - EUFR	555-230-856	1	Definity G1 & G3 System 75 8434DX Voice Terminal
555-230-779	1	8403 Voice Terminal User Guide - EUSP	555-230-860	1	ACD Agent Manual - FRCANADA
555-230-780	1	8410 Voice Terminal User Guide	555-230-861	1	ACD Agent Manual - LASPANISH
555-230-781	1	8410 Voice Terminal User Guide - EUFR	555-230-862	1	ACD Supervisor Manual - FRCANADA
555-230-782	1	8410 Voice Terminal User Guide - EUSP	555-230-863	1	ACD Supervisor Manual - LATINSPAN
555-230-783	1	8434 Voice Terminal User Guide - German	555-230-865	1	CALLMASTER II & III - LASPAN
			555-230-990	--	DEFINITY G3I Kit
			555-230-991	--	DEFINITY G3R Kit
			555-230-992	--	DEFINITY Maintenance Load G3VS/S/I V1 to G3VS/S/I V1.1
			555-230-993	--	DEFINITY Maintenance Load G3R V1 to G3R V1.1
			555-230-999	2	GBCS Electronic Documentation Brochure

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Number	Issue	Subject
555-245-201	1	ISDN GTWY Planning Application Development

555-3 ISN (Information Systems Network)**Introduction**

555-300-020	3	An Introduction to ISN
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Installation/Maintenance

555-300-102	1	DUB/BI Installation Maintenance — Service Manual
Addendum	1	
555-300-111	2	STARWAN® System Installation V.7.0 (and 4.2.4)
555-300-112	2	STARWAN System Maintenance V.7.0 (and 4.2.4)

System Features

555-300-210	2	STARWAN System Reference V.7.0 (and 4.2.4) Reference Manual
555-300-230	1	STARWAN ISN Site Log
555-300-303	1	ISN 3.3 Release — Guide
555-300-400	1	Application Notes
555-300-401	1	ISN 4.1 Release Guide

System Management

555-300-500	1	System Management Manual — R1V2
555-300-501	2	STARWAN System Administration V.7.0 (and 4.2.4)
555-300-502	1	StarKeeper® 1.1
555-300-503	2	STARWAN System Administration Quick Reference V.7.0 (and 4.2.4)
555-300-510	1	Administration Guide DECNET* Bridge (R1V4)
555-300-511	2	Administration Guide — VAX* VMS Host Mux Interface Software (R1V4)
555-300-550	1	Information Screen
555-300-570	1	International Supplement
555-300-571	1	ISN IP Router User Guide
555-300-572	1	ISN TCP/IP Terminal Server User Guide

Number	Issue	Subject
555-300-574	2	ISN4.2 — Release Guide
555-300-577	1	ISN Interworking Guide

Planning

555-300-600	2	STARWAN Planning Manual — R1V3 V.7.0 (and 4.2.4)
555-300-650	1	Implementation Guide — R1V3.2

System Access R1V3

555-300-700	3	STARWAN User Instructions V.7.0 (and 4.2.4) System Access
555-300-701	2	Quick Reference Card
555-300-750	2	STARWAN — Information Systems Network (ISN) — Master Index V7.0 (and V4.2 Series)

StarKeeper® Network Management System (NMS)

555-300-811	3.2	System Operation and Maintenance Guide
555-300-840	3.2	Input/Output Messages Manual
555-300-860	3.2	Quick Reference Guide
555-300-870	--	StarKeeper Phantom Number to Order 555-300-8XX Series
555-300-915	1	Frame Relay Alternative (Commcode 106752850) (3-92)

555-4 Premises Distribution System**555-400 Introduction/Applications****Introduction**

555-400-013	1	Distribution Technical Brochure (12-90)
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Dialing Procedures

□ 555-400-601	2	SYSTIMAX® Requirements Survey Note: Replaced by 461-115-008
555-400-602	2	SYSTIMAX Design Guide
555-400-701	1	Dialing Procedures for EIA Port Board or Data Line Unit With an ADU — User Reference Card — System 75/85

555-401 SYSTIMAX Data Units/Adapters

□ 555-401-100	2	SYSTIMAX PDS Administration Manual Note: Replaced by 461-115-006
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Number	Issue	Subject
555-401-702	2	Multiple Asynchronous Data Unit (MADU) — User Manual
555-401-703	7	SYSTIMAX PDS Z3B1 Synchronous Data Unit (SDU) — Product Manual
555-401-710	6	Premises Distribution System — 365A Adapter Product Manual
555-401-713	2	SYSTIMAX PDS 369A Matching Adapter Production Manual

555-5 System 25**Introductory and Source Information**

■ 555-500-130	7/91	Roadrunner Source Book — System 25
■ 555-500-432	1	MERLIN LEGEND® Marketing and Sales

555-509 Application Notes

555-509-002	1	Application Notes
555-509-030	1	General Dial Up Modem
555-509-035	1	AT&T 2424B Modem
555-509-036	1	Dataphone® 212A Modem
555-509-037	1	AT&T 3B2 Auto Dial
555-509-038	1	AT&T 4425 Modem
555-509-050	1	Apple* Modem 300/1200
555-509-051	1	Hayes Smartmodem 1200
555-509-052	1	Microcom† SX/1200
555-509-055	1	Qubie 212E/1200 Modem
555-509-060	1	Application Notes
555-509-065	1	AT&T TTY Data Term
555-509-070	1	Adds Viewpoint Data
555-509-071	1	Administration Data Display
555-509-073	1	Concept (DH5-108)
555-509-074	1	Data Med Elite 1521
555-509-075	1	Hazeltine (1510)
555-509-076	1	HP Data Terminals
555-509-077	1	Application Note
555-509-150	1	Application Notes
555-509-310	1	System 25 Paging System Application Notes

* Apple is a registered trademark of Apple Computer, Inc.

† Microcom is a registered trademark of Microcom Systems, Inc.

Number	Issue	Subject
555-509-401	1	System 25 Basic Trunking
555-509-404	1	System 25 Using RIMS to Administer
555-509-406	1	System 25 Behind Centrex
555-509-408	1	System 25 Using the Automated Attendant to Assist the Regular Attendant

555-520 System 25 R1V2**Installation/Test/Maintenance**

555-520-011	1	System 25 Customer Training Study Guide
555-520-013	1	System 25 Customer Training Upgrade
555-520-021	1	An Introduction to AT&T System 25
555-520-100	1	Installation and Test Manual
555-520-105	2	Maintenance Manual

References

555-520-200	1	Reference Manual — R1V2
555-520-205	1	New Capabilities Manual — R1V2

Administration

555-520-500	1	Administration Manual — R1V2
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Planning/Administration

555-520-600	1	Planning Manual
555-520-662	1	Administration Records

Peripherals Operation

555-520-702	1	Single Line Terminal — User Guide
555-520-703	1	Multiline Terminal — User Guide
555-520-704	2	Data Features — User Reference Guide
555-520-707	1	Multiline Single
555-520-708	1	Starlan Network Access
555-520-709	1	Cam User Guide
555-520-710	1	Terminal Operations Manual

555-530 System 25 R2V1

555-530-011	1	System 25 Customer Training Super Pack
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Number	Issue	Subject	Number	Issue	Subject
555-530-014	1	Training Release 2 — Customer Guide	555-540 System 25 R3		
555-530-016	2	Training Release 2 — Instructor's Guide	555-540-011	1	Customer Training Package Containing 11 Different System 25 Documents (5-90)
555-530-018	1	Product Brief — Release 2	555-540-013	1	R2 to R3 Upgrade Super Pack (5-90)
555-530-103	1	Installation and Maintenance Manual	■ 555-540-014	1	Customer Training Study Guide (11-89)
555-530-200	1	Reference Manual — R2V1	■ 555-540-016	1	Instruction Guide (11-89)
555-530-205	1	New Capabilities Manual — R2V1	Addendum	1	
555-530-500	1	Administration Manual — R2V1	● 555-540-103	2	Installation and Maintenance Manual R3
555-530-510	1	Advanced Administration User Guide — R2V1	Addendum	1	
555-530-620	1	Implementation Records	555-540-200	1	Reference Manual (9-89)
555-530-650	1	Implementation Manual and Administration Records	555-540-300	1	System 25 R3C3V Upgrade Package (9-93)
555-530-701	1	Attend Cons User's Guide	Addendum	1	
555-530-702	1	Single Line Terminal — User's Guide	555-540-500	1	Administration Release 3 Manual (8-89)
555-530-703	1	Multiline Terminal User's Guide	555-540-650	10/89	Administration/Implementation Manual (9-89)
555-530-705	1	Training R2 Display CD/PK	555-540-701	1	Direct Trunk Attendant Console User Guide (6-89)
555-530-706	1	SW LP AH User's Guide	555-540-702	1	Direct Trunk Attendant Console User Guide (6-89)
555-530-710	1	Terminal Operations Manual	555-540-703	1	Multiline Terminal User Guide (6-89)
555-530-713	1	Single Line Overlay 25/PK	555-540-706	1	Switched Loop Attendant User Guide (6-89)
555-530-715	2	Integrated Solution User's Guide	555-540-711	1	Cordless Telephone User Guide (6-89)
555-530-716	1	System 25 Guide to the Automated Attendant	555-540-715	1	Integrated Solution II User Guide (8-93)
555-530-717	1	Remote Access CD; 50 P/PK	Addendum	1	
555-532 System 25 CMS			555-540-716	1	Integrated Solution III System 25 R3V3 — Installation and Maintenance Manual
555-532-001	1	Focus 25	Addendum	1	
555-532-110	1	System 25 CMS System Manual (Text and Tabs Only)	555-540-717	1	Integrated Solution III System 25 R3V3 — Manager's Guide
555-532-504	1	CMS Installation and Startup	555-6 MERLIN LEGEND®		
555-532-506	1	Agent CD/10 P/Pkg CMS Planning Guide	555-600 Index and General System Information		
555-532-650	1	System 25 CMS Planning Guide	555-600-010	1	MERLIN LEGEND R2 Integrated Solution III System Manager's Guide
555-535 System 25 Focus					
555-535-002	1	System 25 Focus Release 2			
555-535-005	1	System 25 Focus December 1989			
555-535-007	1	System 25 Focus August 1991			

Number	Issue	Subject	Number	Issue	Subject
555-600-130	1	MERLIN LEGEND Feature Module (FM) ISDN/Digital	555-600-724	1	AUDIX Voicepower System User's Guide (10/P/PK)
Salesware			555-600-725	1	AUDIX Voicepower Switch — for MERLIN LEGEND
■ 555-600-201	1	MERLIN LEGEND Folder/Photo Presentation Package	555-600-726	1	MERLIN LEGEND Issue II System Manager's Guide
■ 555-600-204	1	MERLIN LEGEND Cordless	555-600-727	1	AUDIX VOC Power Planning Guide — Parts, Tools, Test Equipment
■ 555-600-205	1	MERLIN LEGEND Family Photo	555-600-728	1	AUDIX VOC Power AA System Manager Guide — Parts, Tools, Test Equipment
■ 555-600-206	1	MERLIN LEGEND MLX Telephone Photo	555-600-729	1	AUDIX VOC Power AA Installation and Maintenance Guide
■ 555-600-207	1	MERLIN LEGEND MLX 10D Photo	555-600-733	1	MERLIN LEGEND Application Notes Fax
■ 555-600-208	1	MERLIN LEGEND MLX 20L Photo	555-600-734	1	MERLIN LEGEND Applications Notes CENTREX
■ 555-600-209	1	MERLIN LEGEND MLX 28D Photo	555-600-736	1	MERLIN LEGEND Applications Notes Basic Trunking Concepts
■ 555-600-210	1	MERLIN LEGEND PFC Photo	555-600-739	1	MERLIN LEGEND Applications Notes Back Up for Night Service
555-600-211	1	MERLIN LEGEND Communications System Poster (5/P/tube)	555-601-010	2	MERLIN LEGEND R2.0 Integrated Solution III — Manager's Guide
Addendum	1		555-601-010A	1	Integrated Solution III System Manager Update
555-600-212	1	MERLIN LEGEND R3 Sales Guide (7-94)	Addendum	1	
Addendum	1		555-601-011	3	MERLIN LEGEND R2.0 Integrated Solution III — Installation and Maintenance
555-600-629	1	AUDIX VOICEPOWER® Switch — Update Booklet	555-601-100	1	MERLIN LEGEND FAX Attendant System — Manager's Guide R2.0
555-600-710	1	MERLIN LEGEND ATND System Managers Guide	555-601-100A	1	MERLIN LEGEND FAX Attendant System — Manager's Guide R2.0 Update
555-600-710FR	1	MERLIN Attendant French— System Administration	555-601-101	1	MERLIN LEGEND FAX Attendant System — User's Guide R2.0
555-600-710SP	1	MERLIN Attendant Spanish— System Administration	555-601-110	1	MERLIN LEGEND Basic Rate Interface (BRI) Access Button Quick Reference Card
555-600-711	1	MERLIN LEGEND Attendant Installer's Guide	555-601-111	1	MERLIN LEGEND BRI Supplemental Reference Guide
555-600-711FR	1	MERLIN LEGEND Attendant French— Installation Guide	555-601-112	1	MERLIN LEGEND BRI Provisioning Guide and Planning Forms
555-600-711SP	1	MERLIN LEGEND Attendant Spanish— Installation Guide	555-601-113	1	Vistion Personal Video 1200/1300 System Application Note
555-600-712	1	MERLIN LEGEND Attendant — Planning Forms			
555-600-720	1	MERLIN LEGEND Issue II Installation and Maintenance Guide			
■ Addendum	1				
■ 555-600-721	1	AUDIX Voicepower Planning Guide and Forms			
555-600-722	1	AUDIX Voicepower Installation Guide			
555-600-723	1	AUDIX Voicepower System — Manager's Guide			

Number	Issue	Subject	Number	Issue	Subject
555-601-200	1	AUDIX Voicepower Manager Guide	555-610-120FR	1	MERLIN LEGEND R1.0 French Analog Multiline Telephone User's Guide
555-601-200A	1	AUDIX Voicepower Manager Guide Update	555-610-120SP	1	MERLIN LEGEND R1.0 Spanish Analog Multiline Telephone User's Guide
555-601-200B	1	AUDIX Voicepower Manager Guide Update	555-610-121	1	MERLIN LEGEND R1.0 Single-Line Telephones User's Guide
555-601-201	1	AUDIX Voicepower User's Guide	555-610-121FR	1	MERLIN LEGEND R1.0 French Singleline Telephone User's Guide
555-601-202	1	AUDIX Voicepower R2.1.1 AT&T Fax Attendant System®	555-610-121SP	1	MERLIN LEGEND R1.0 Spanish Singleline Telephone User's Guide
555-601-202A	1	AUDIX Voicepower/Fax Attendant Planning Update	555-610-122	1	MERLIN LEGEND R1.0 MLX-10D, MLX-28D, and MLX-20L Digital/ISDN Display Telephones User's Guide
555-601-202B	1	AUDIX Voicepower/Fax Attendant Planning Update	555-610-122FR	1	MERLIN LEGEND R1.0 French Display User's Guide
555-601-203	1	AUDIX Voicepower FAX Attendant planning forms	555-610-122SP	1	MERLIN LEGEND R1.0 Spanish Display User's Guide
555-601-204	1	AUDIX Voicepower Installation and Maintenance Guide R2.1.1 (MERLIN LEGEND)	555-610-123	1	MERLIN LEGEND R1.0 MLX-10 Digital/ISDN Non-Display Telephone User's Guide
555-610 MERLIN LEGEND® R1.0/1.1			555-610-123FR	1	MERLIN LEGEND R1.0 French Multiplexer 10 Non-Display User's Guide
■ 555-610-000	1	MERLIN LEGEND System Manager's Slipcase NOTE: Slipcase/ Contains 2 Forms Pocket Folders, (1) 555-610-110, (1) 555-610-111, and (1) 555-610-119	555-610-123SP	1	MERLIN LEGEND R1.0 Spanish Multiplexer 10 Non-Display User's Guide
555-610-001	1	MERLIN New System Without ATL Sales Release 1.1	555-610-124	1	MERLIN LEGEND User Cards for MLX-10 and MLX-10D Telephones (5 Card Set)
555-610-110	1	MERLIN LEGEND R1.0 System Reference Manual	555-610-125	1	MERLIN LEGEND User Cards for MLX-28D and MLX-20L Telephones (4 Card Set)
555-610-111	1	MERLIN LEGEND R1.0 System Program Manager	555-610-126	1	MERLIN LEGEND R1.1 Release Notes — Analog Multiline User Guide
555-610-112	1	MERLIN LEGEND R1.0 Key System Planning	555-610-127	1	MERLIN LEGEND R1.1 Release Notes — Single Line Telephones User Guide
555-610-113	1	MERLIN LEGEND R1.0 PBX System Planning	555-610-128	1	MERLIN LEGEND R1.1 Release Notes — MLX-10D, MLX-20L, MLX-28D Display User's Guide
555-610-114	1	MERLIN LEGEND R1.0 Data Guide	555-610-129	1	MERLIN LEGEND R1.1 Release Notes — MLX-10 Non Display User's Guide
555-610-116	1	MERLIN LEGEND R1.0 Key System — Planning Forms	555-610-130	1	MERLIN LEGEND R1.0 Calling Group Supervisor's Guide
555-610-117	1	MERLIN LEGEND R1.0 PBX System — Planning Forms			
555-610-118	1	MERLIN LEGEND R1.0 Data Planning — Forms			
555-610-119	1	MERLIN LEGEND R1.1 Release Notes — Installation Guide			
555-610-120	1	MERLIN LEGEND R1.0 Analog Multiline Telephone User's Guide			

Number	Issue	Subject	Number	Issue	Subject
555-610-130FR	1	MERLIN LEGEND R1.0 French Calling Group Supervisor's Guide	■ 555-610-143	1	MERLIN LEGEND MLX-20L Button Labels NOTE: Replaced by 555-620-154
555-610-130SP	1	MERLIN LEGEND R1.0 Spanish Calling Group Supervisor's Guide	555-610-151FR	1	MERLIN LEGEND R1.1 French Quick Reference Card
555-610-131	1	MERLIN LEGEND R1.0 Analog Direct Line Consoles Operator Guide	555-610-151SP	1	MERLIN LEGEND R1.1 Spanish Quick Reference Card
555-610-131FR	1	MERLIN LEGEND R1.0 French Analog Direct Line Consoles Operator Guide	555-610-152FR	1	MERLIN LEGEND R1.1 French Single-Line Quick Reference Card
555-610-131SP	1	MERLIN LEGEND R1.0 Spanish Analog Direct Line Consoles Operator Guide	555-610-152SP	1	MERLIN LEGEND R1.1 Spanish Single-Line Quick Reference Card
555-610-132	1	MERLIN LEGEND R1.0 MLX Direct Line Console Operator Guide	555-610-154FR	1	MERLIN LEGEND R1.1 French Analog (BIS) Quick Reference Card
555-610-132FR	1	MERLIN LEGEND R1.0 French MLX Direct Line Console Operator Guide	555-610-154SP	1	MERLIN LEGEND R1.1 Spanish Analog (BIS) Quick Reference Card
555-610-132SP	1	MERLIN LEGEND R1.0 Spanish MLX Direct Line Console Operator Guide	555-610-155FR	1	MERLIN LEGEND R1.1 French Analog DL Console Quick Reference Card
555-610-133	1	MERLIN LEGEND R1.0 Queued Call Console Operator Guide	555-610-155SP	1	MERLIN LEGEND R1.1 Spanish Analog DL Console Quick Reference Card
555-610-133FR	1	MERLIN LEGEND R1.0 French Queued Call Console Operator Guide	555-610-156FR	1	MERLIN LEGEND R1.1 French MLX Non-Display Quick Reference Card
555-610-133SP	1	MERLIN LEGEND R1.0 Spanish Queued Call Console Operator Guide	555-610-156SP	1	MERLIN LEGEND R1.1 Spanish MLX Non-Display Quick Reference Card
555-610-134	1	MERLIN LEGEND R1.1 Calling Group Release Notes	555-610-157FR	1	MERLIN LEGEND R1.1 French MLX Display Quick Reference Card
■ 555-610-135	1	MERLIN LEGEND R1.1 Analog Direct-Line Release Notes	555-610-157SP	1	MERLIN LEGEND R1.1 Spanish MLX Display Quick Reference Card
555-610-136	1	MERLIN LEGEND R1.1 MLX Direct-Line Release Notes	555-610-158FR	1	MERLIN LEGEND R1.1 French Analog Cordless Quick Reference Card
555-610-137	1	MERLIN LEGEND R1.1 MLX Queued Call Console Release Notes	555-610-158SP	1	MERLIN LEGEND R1.1 Spanish Analog Cordless Quick Reference Card
555-610-140	1	MERLIN LEGEND R1.0 Installation Program and Maintenance Guide	555-610-159FR	1	MERLIN LEGEND R1.1 French MLX DL Console Quick Reference Card
555-610-141	1	MERLIN LEGEND R1.0 Pocket Reference	555-610-159SP	1	MERLIN LEGEND R1.1 Spanish MLX DL Console Quick Reference Card
■ 555-610-142	1	MERLIN LEGEND MLX-10-10D Button Labels NOTE: Replaced by 555-620-154			

Number	Issue	Subject	Number	Issue	Subject
555-610-160	1	MERLIN LEGEND R1.1 MLC-5 Cordless Telephone Quick Reference Guide	555-611-129	1	MERLIN LEGEND MLX-10 R1.2i Non-Display Phone User's Guide
555-610-161	1	MERLIN LEGEND R1.1 Analog (BIS) Multi-Line Quick Reference	555-611-134	1	MERLIN LEGEND Calling R1.2i Group Supervisor's Guide
555-610-162	1	MERLIN LEGEND R1.1 MLX Display Quick Reference Card	555-611-135	1	MERLIN LEGEND Analog R1.2i Direct Line Operator's Guide
555-610-163	1	MERLIN LEGEND R1.1 MLX Non-Display Quick Reference	555-611-136	1	MERLIN LEGEND MLX R1.2i Direct-Line Consoles Operator's Guide
555-610-167	1	MERLIN LEGEND R1.1 Single-Line Telephone Quick Reference Card	555-611-137	1	MERLIN LEGEND MLX R1.2i Queued Call Console Operator Guide
555-610-170	1	MERLIN LEGEND R1.1 Calling Group Quick Reference Card	555-611 MERLIN LEGEND® R1.3i (International)		
555-610-172	1	MERLIN LEGEND R1.1 MLX Direct-Line Console Quick Reference Card	555-612-111	1	MERLIN LEGEND R1.3i System Programming
555-610-175	1	MERLIN LEGEND R1.1 Analog (BIS) Direct-Line Console Quick Reference Card	555-612-113	1	MERLIN LEGEND R1.3i System Planning
555-610-177	1	MERLIN Legend R1.1 MLX Queued Call Console Quick Reference Card	555-612-117	1	MERLIN LEGEND R1.3i System Planning Forms
555-610-179	1	MERLIN LEGEND MLX-10D Display Cards (5 Card Set)	555-612-119	1	MERLIN LEGEND R1.3i System Reference
555-610-180	1	MERLIN LEGEND MLX-20L and -28D Display Cards	555-612-120	1	MERLIN LEGEND R1.3i Documentation Diskettes
555-610-710FR	1	MERLIN LEGEND R1.1 French MERLIN ATTENDANT Administration	555-612-127	1	MERLIN LEGEND R1.3i Single-Line Telephones User's Guide
555-610-710SP	1	MERLIN LEGEND R1.1 Spanish MERLIN ATTENDANT Administration	555-612-128	1	MLX-20L Display Telephone User's Guide
555-610-711FR	1	MERLIN LEGEND R1.1 French MERLIN ATTENDANT Installation	555-612-129	1	MERLIN LEGEND R1.3i Non-Display Telephones User's Guide
555-610-711SP	1	MERLIN LEGEND R1.1 Spanish MERLIN ATTENDANT Installation	555-612-134	1	MERLIN LEGEND R1.3i Calling Group Supervisor's Guide
555-611 MERLIN LEGEND® R1.2i (International)			555-612-136	1	MERLIN LEGEND R1.3i MLX Direct-Line Consoles Operator's Guide
555-611-119	1	MERLIN LEGEND R1.2i Notes	555-612-137	1	MERLIN LEGEND R1.3i MLX Queued Call Console Operator Guide
555-611-126	1	MERLIN LEGEND Analog R1.2i Multiline Phone User Guide	555-612-140	1	MERLIN LEGEND R1.3i IP&M
555-611-127	1	MERLIN LEGEND SL R1.2i Telephone User's Guide	555-612-141	1	MERLIN LEGEND R1.3i Installation Program and Maintenance Guide
555-611-128	1	MERLIN LEGEND R1.2i MLX-10D -28D -20L Display Telephone User Guide	555-620 MERLIN LEGEND® R2.0		
			555-620-001	2	MERLIN LEGEND II New System Sales W/O ATL Sets
			555-620-002	2	MERLIN LEGEND II New System Sales W/ATL Sets and Upgrades

Number	Issue	Subject	Number	Issue	Subject
555-620-003	1	MERLIN LEGEND 2.1 Communications System Release Notes	555-620-132	1	MERLIN LEGEND R2.0 Analog Direct-Line Console Operator's Guide
555-620-110	1	MERLIN LEGEND Feature Reference R2	555-620-133	1	MERLIN LEGEND R2.0 Analog Direct-Line Operator's Quick Reference Card
555-620-111	1	MERLIN LEGEND System Programming R2.0	555-620-134	1	MERLIN LEGEND R2.0 MLX Direct-Line Console Operator's Guide
555-620-112	1	MERLIN LEGEND R2.0 System Planning (Includes Forms)	555-620-135	1	MERLIN LEGEND R2.0 MLX Direct-Line Console Operator's Quick Reference Card
555-620-113	1	MERLIN LEGEND R2.0 Planning Forms	555-620-136	1	MERLIN LEGEND R2.0 MLX Queued Call Console Operators Guide
555-620-114	1	MERLIN LEGEND System Overview R2.0	555-620-137	1	MERLIN LEGEND R2.0 MLX Queued Call Console Operators Quick Reference
555-620-115	1	MERLIN LEGEND R2.0 Equipment and Operations Reference	555-620-140	1	MERLIN LEGEND R2.0 Installation Programming and Maintenance (IP&M) Binder
555-620-116	1	MERLIN LEGEND R2.0 Reference PCK Reference	555-620-141	1	MERLIN LEGEND R2.0 Installation
555-620-120	1	MERLIN LEGEND R2.0 Analog Multiline Telephone User Guide	555-620-142	1	MERLIN LEGEND R2.0 SPM System Programming and Maintenance
555-620-121	1	MERLIN LEGEND R2.0 Analog Multiline Telephone User Quick Reference	555-620-143	1	MERLIN LEGEND R2.0 Maintenance and Troubleshooting
555-620-122	1	MERLIN LEGEND R2.0 MLX-10D, MLX-28D, MLX-20L Display Telephones User's Guide	555-620-144	1	MERLIN LEGEND R2.0 Programming Summary
555-620-122SP	1	MERLIN LEGEND R2.0 MLX-10D, MLX-28D, MLX-20L Display Telephones User's Guide	555-620-150	1	MERLIN LEGEND R2.0 MLX-10D Display User Tray Cards (set of 6)
555-620-123	1	MERLIN LEGEND R2.0 MLX-10D, MLX-28D, MLX-20L Display Telephones Quick Reference	555-620-151	1	MERLIN LEGEND R2.0 MLX-10 Non Display User Tray Cards (set of 6)
555-620-124	1	MERLIN LEGEND R2.0 MLX-10 Non-Display Telephone User's Guide	555-620-152	1	MERLIN LEGEND R2.0 MLX-20L and MLX-28D User Tray Cards (set of 5)
555-620-125	1	MERLIN LEGEND R2.0 MLX-10 Non-Display Telephone Quick Reference Guide	555-620-153	1	Button Label MLX Telephones
555-620-126	1	MERLIN LEGEND R2.0 Single-Line Telephones User's Guide	555-620-154	1	Universal MLX Button Label
555-620-127	1	MERLIN LEGEND R2.0 Single-Line Telephones Quick Reference	555-621-101	1	MERLIN LEGEND Optical Isolation System
555-620-128	1	MERLIN LEGEND R2.0 MLC-5 Cordless Telephone Quick Reference	555-621-102	1	MERLIN LEGEND Secure Communications System Supplemental Reference
555-620-129	1	MERLIN LEGEND R2.0 Data User's Guide			
555-620-130	1	MERLIN LEGEND R2.0 Calling Group Supervisor's Guide			
555-620-131	1	MERLIN LEGEND R2.0 Calling Group Supervisor's Quick Reference Guide			
			555-630 MERLIN LEGEND® R3.0		
			555-630-110	1	MERLIN LEGEND R3.0 Feature Reference (8-94)

Number	Issue	Subject	Number	Issue	Subject
555-630-111	1	MERLIN LEGEND R3.0 System Programming (8-94)	555-630-153	1	MERLIN LEGEND MLX-20L/MLX-28D User Tray Cards (3.0) (set of 5)
555-630-112	1	MERLIN LEGEND R3.0 System Planning/Security (Includes Forms) (8-94)			
555-630-113	1	MERLIN LEGEND R3.0 System Planning Forms (8-94)			
555-630-115	1	MERLIN LEGEND R3.0 Equipment and Operations Reference (8-94)			
555-630-116	1	MERLIN LEGEND R3.0 Pocket Reference (8-94)			
555-630-117	1	MERLIN LEGEND R3.0 Introduction (8-94)			
555-630-118	1	MERLIN LEGEND R3.0 System Manager's Guide (8-94)			
555-630-120	1	MERLIN LEGEND R3.0 Analog Multiline Telephones User's Guide (8-94)			
555-630-122	1	MERLIN LEGEND R3.0 MLX Display Telephones User's Guide (8-94)			
555-630-124	1	MERLIN LEGEND R3.0 MLX Non-Display Telephone User's Guide (8-94)			
555-630-126	1	MERLIN LEGEND R3.0 Single-Line Telephone User's Guide (8-94)			
555-630-129	1	MERLIN LEGEND R3.0 Data User's Guide (8-94)			
555-630-130	1	MERLIN LEGEND R3.0 Calling Group Supervisor's Guide (8-94)			
555-630-132	1	MERLIN LEGEND R3.0 Analog Direct-Line Consoles Operator's Guide (8-94)			
555-630-134	1	MERLIN LEGEND R3.0 MLX Direct-Line Consoles Operator's Guide (8-94)			
555-630-136	1	MERLIN LEGEND R3.0 MLX Queued Call Consoles Operator's Guide (8-94)			
555-630-138	1	MERLIN LEGEND R3.0 MDC-9000 and MDW-9000 User's Guide (8-94)			
555-630-140	1	MERLIN LEGEND R3.0 Installation, Programming, and Maintenance (8-94)			
555-630-150	1	MERLIN LEGEND MLX-10D User Tray Cards (3.0) (set of 6)			
555-630-151	1	MERLIN LEGEND MLX-10 User Tray Cards (3.0) (set of 6)			

Division 560**Data System Products, Cross-Product, Product Independent, *UNIX** Microsystems, and Computer Systems**

Number	Issue	Subject
560-099-007IR	1	AT&T 615 Color Multitasking Terminal (CMT)

560-0 Index and CIRs**-000 Index****-099 Customer Information Releases (CIRs)****560-2 PCs and Workstations****-201 PassageWay™****560-3 Computer Systems****560-321 STAR SERVER™ FT (Fault Tolerant)****560-4 UNIX****-407 Application Development Software****560-5 Multimedia Products****-501 Network Interface Devices**

Number	Issue	Subject
560-0 Index and CIRs		
560-000 Index		
560-000-000	13	Data System Products, Cross-Product, Product Independent, UNIX Microsystems, and Computer Systems (5-95)
560-099 Customer Information Releases (CIRs)		
560-099-001IR	2	AT&T 6386 Workgroup System
560-099-002IR	3/88	AT&T Sun Micro Systems Announce View Computing Platform
560-099-003IR	8/88	AT&T Announces Plans for UNIX System V Release 4.0
560-099-004IR	12/88	New Software Release Enhances AT&T 6500 MCS Functionality
560-099-005IR	9/88	Data Systems 3B2
560-099-006IR	12/88	AOE: A Framework for the Future

* UNIX is a registered trademark of Novell, Inc.

Number	Issue	Subject
560-2 PCs and Workstations		
560-201 PassageWay™		
560-201-010	1	PassageWay Direct Connect Solutions Guide
□ 560-201-012	1	PassageWay Telephony Services Marketing and Sales Guide
□ 560-201-013	3/94	PassageWay Telephony Services Announcement Training Video
560-201-014	6-94	PassageWay Telephony Services Netware® Information Package
560-201-015	6-94	PassageWay Telephony Services Netware® Video
□ 560-201-016	--	PassageWay Telephony Services Netware® Package. Includes 560-201-014 and -015
□ 560-201-017	6-94	PassageWay Telephony Services Netware® Customized Video
560-201-018	7-94	Fast Call for PassageWay Sales Video
560-201-019	4/95	PassageWay Telephony Services Customer Testimonial Video
560-201-020	4/95	PassageWay Telephony Services R2.0 Business TV Announcement
■ 560-201-100	4/95	PassageWay Telephony Services Solution Glossary
■ 560-201-101	2	PassageWay — MERLIN LEGEND R2.0 — User's Guide
560-201-102	1	AT&T PassageWay Solution User's Guide for DEFINITY Communications System
Addendum	1	
560-201-103	1	AT&T PassageWay Solution User's Guide for PARTNER Communications System

560-3 Computer Systems**560-321 Star Server™ FT (Fault Tolerant)****Hardware Documents**

560-321-051	--	STAR SERVER FT IDS Online Documentation Version B00 Release 6.1.0
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560-321-053	--	STAR SERVER FT Rel. 3 IDS Online Documentation Version B10 (Kit 3) Release 6.1.0
560-321-110	1	STAR SERVER FT Central Office, Supplement to the Site Selection, Planning and Installation Guide

STAR SERVER Hardware Documents

560-321-310	4	STAR SERVER Fault Tolerant Helix Services Guide Release 3
560-321-311	1	STAR SERVER Fault Tolerant Helix Technical Description Release 3
Revision 1	10/93	
560-321-312	3	STAR SERVER Fault Tolerant Release 3 Central Office Hardware Installation Guide
560-321-313	3	STAR SERVER Fault Tolerant Release 3 Hardware Installation Guide (12-94)
560-321-314	2	STAR SERVER Fault Tolerant Helix Site Preparation Guide Release 3

STAR SERVER Software Documents

560-321-401	1	STAR SERVER Fault Tolerant System Monitor Administrator's Guide
560-321-402	1	STAR SERVER Fault Tolerant System Monitor Product Description
560-321-405	2	STAR SERVER Fault Tolerant UNIX System V Release 4.0 Administrator's Reference Manual (12-94)
560-321-406	1	Administrator's Reference Manual Vol. 2
560-321-408	2	STAR SERVER Fault Tolerant UNIX System V Release 4.0 User's Reference Manual (12-94)
560-321-409	1	STAR SERVER Fault Tolerant UNIX SVR4.0 User's Reference Manual Vol. 2
560-321-411	2	STAR SERVER Fault Tolerant UNIX System V Release 4.0 Programmer's Reference Manual Vol. 1 (12-94)
560-321-412	2	STAR SERVER Fault Tolerant UNIX System V Release 4.0 Programmer's Reference Manual Vol. 2 (12-94)

Number	Issue	Subject	Number	Issue	Subject
560-321-413	2	STAR SERVER Fault Tolerant UNIX System V Release 4.0 Programmer's Reference Manual Vol. 3 (12-94)	Revision 1	1/94	
Revision 1	12/93		560-321-436	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Network Administrator's Guide
560-321-414	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Administrator's Guide — User Services	560-321-438	1	Performance Aid (Artwork for On-Line Kit)
560-321-415	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Administrator's Guide — Machine Management	560-321-440	1	Non Stop WX Guide to MNLS
560-321-416	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Administration Data Management	Revision 2	12/93	
560-321-417	3	STAR SERVER Fault Tolerant UNIX 4.0 Maintenance and Diagnostic Tools Guide (12-94)	560-321-442	2	STAR SERVER Fault Tolerant Release 3 Visual Administrator's Guide
560-321-418	4	STAR SERVER Fault Tolerant UNIX System V Release 4.0 Systems Software Installation Guide	560-321-444	1	Read Me First Kit Letter
560-321-420	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Programmer's Guide — Networking Interfaces	560-4 UNIX		
560-321-422	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Programmer's Guide — STREAMS	560-407 Application Development Software		
560-321-423	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Programmer's Guide — C Language Programming Tools	560-407-150	2	AT&T Master Controller III User's Guide
560-321-424	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Programmer's Guide — POSIX Conformance	560-407-151	1	Master Controller III Diagnostic Program User's Guide
560-321-425	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Programmer's Guide — Character User Interface	560-5 Multimedia Products		
560-321-426	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Programmer's Guide — System and Application Tools	560-501 Network Interface Devices		
560-321-430	1	STAR SERVER UNIX SVR 4.0 DDI/DKI Reference Manual	560-501-100	1	AT&T EMMI™ Multimedia Interface User's Guide (1-95)
560-321-433	1	STAR SERVER Fault Tolerant UNIX SVR4.0 User's Guide Vol. 1			
560-321-434	1	STAR SERVER Fault Tolerant UNIX SVR4.0 User's Guide Vol. 2			

Division 570**Teletypewriter General Information — Miscellaneous Apparatus and Auxiliary Equipment****570-0 Indexes and General Information****570-1 Converters, Station****570-2 Miscellaneous Apparatus****570-3 Auxiliary Equipment**

Number	Issue	Subject
570-0 Indexes and General Information		
570-000 Indexes		
570-000-000	74	Numerical Index — Division 570 — Teletypewriter General Information — Miscellaneous Apparatus and Auxiliary Equipment
Addendum	1	
570-000-003	1	Master Cross Reference Index of Part Numbers and Associated 9-Digit Sections
570-001 Teletypewriter Station Space Requirements		
570-001-010	3	Teletypewriter Station Space Requirements
570-002 Preparation of Teletypewriter Apparatus for Installation		
570-002-010	4	Preparation of Teletypewriter Apparatus for Installation
570-003 Power Supply for Teletypewriter Apparatus		
570-003-010	7	Electrical Service for Teletypewriter Apparatus
570-004 Teletypewriter Apparatus — Station Maintenance and General Requirements		
570-004-700	5	General Requirements — Requirements and Adjustments
570-004-701	8	General Requirements — Lubrication

Number	Issue	Subject
570-004-702	1	General Requirements — Disassembly and Reassembly
570-004-703	6	General Requirements — Cleaning
570-004-704	5	General Requirements — Retouching and Refinishing

570-005 Teletypewriter Tools and Maintenance Supplies

570-005-100	8	Teletypewriter Tools and Maintenance Supplies
570-005-800	6	Teletypewriter Maintenance Tools

570-006 Teletypewriter Station Tests

570-006-500	5	Orientation and Distortion Tests
570-006-501	3	Local Receiving Tolerance Tests Using Portable Equipment for Test Signals and Test Current

570-007 Teletypewriter Station Trouble Analysis Plans

570-007-010	2	Teletypewriter and Data Station Visit Analysis Plan — Visit Ticket E-5549
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570-008 Information on Stationery for Teletypewriters

570-008-010	11	Information on Stationery for Teletypewriters and DA-TASPEED® Terminals
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570-009 Remote Signal Bell and Teletypewriter Installations Involving Explosive Atmospheres

570-009-100	1	Description
570-009-200	1	Installation

570-010 Radio Induction Suppression Filters — General Requirements

570-010-100	6	List of Available Radio Induction Suppression Filters
570-010-200	4	Installation of Radio Frequency Induction Suppression Filters on Teletypewriters and Associated Equipment — General Instructions

Number	Issue	Subject	Number	Issue	Subject
570-011 Teletypewriter Selecting Codes			570-201 SOTUS — Sequential Selector and Selector Panel		
570-011-100	3	Teletypewriter Selecting Codes	570-201-100	1	Description and Principles of Operation
570-011-101	2	Eight Level Data Interchange Code — Four-Row Keyboard	570-201-101	1	BS6 Sequential Selector — Description and Principles of Operation
570-012 Teletypewriter Apparatus — Speed Regulation			570-201-400	3	Wiring Diagram
570-012-100	4	Teletypewriter Apparatus — Speed Regulation	570-201-500	1	Maintenance Inspection and Tests
570-013 List of TELETYPE® Corporation "S" Specifications and Bulletins — Teletypewriter Apparatus			570-201-700	6	Requirements and Adjustments
570-013-010	27	List of "S" Specifications — Teletypewriter Apparatus	570-201-701	1	Lubrication
570-013-011	14	List of Teletype Corporation Parts Bulletins	570-202 Codomat Equipment		
570-014 Teletypewriter Station Records			570-202-400	1	1LA Codomat and 1LA Codomat Cabinet — Wiring Diagram
570-014-001	2	Stunt Box Record Forms — Responsibility and Use	570-202-700	1	1LA Codomat and 1LA Codomat Cabinet — Requirements and Adjustments
570-015 Designation of Station and Loops			570-202-701	1	1LA Codomat and 1LA Codomat Cabinet — Lubrication
570-015-101	1	Private Line Services-Teletypewriter	570-203 Timers		
570-020 Type Pallets for Models 28, 35 and 37 Teletypewriter Sets			570-203-400	1	1LA and 1LB Timer — Wiring Diagram
570-020-800	3	Type Pallets for Models 28, 35, and 37 Teletypewriter Sets	570-203-700	1	1LA and 1LB Timer — Requirements and Adjustments
570-020-801	2	Keytops for Models 37, CDT and DATASPEED® Printer — Terminals	570-204 Cam-Operated Distributors		
570-2 Miscellaneous Apparatus			570-204-700	1	Requirements and Adjustments
570-200 Multiple Transmitter Units and Bases			570-204-701	1	Lubrication
570-200-100	1	Description	570-220 Motors and Motor Units		
570-200-400	1	Wiring Diagram	570-220-100	4	Motor Units — Description and Principles of Operation
570-200-700	1	Requirements and Adjustments	570-220-400	3	Wiring Diagram
570-200-701	1	Lubrication	570-220-700	5	Requirements and Adjustments
			570-220-701	5	Lubrication
			570-220-702	3	Motor Units — Disassembly and Reassembly
			570-220-800	5	Motor Unit (MU, LMU, and YMU) — Parts

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570-221 Cabinets and Tables		
570-221-101	1	1A Typing Reperator Cabinet — Description
570-221-400	3	100 Type Cabinets — Wiring Diagram
570-221-700	1	100 Type Cabinets — Requirements and Adjustments
570-221-701	1	100 Type Cabinets — Lubrication
570-221-702	1	100 Type Cabinets — Cleaning

570-223 Tape Preparation Arrangements

570-223-100	2	Keyboard Tape Punch and Keyboard Typing Tape Punch (Off-Line) — Description and Principles of Operation
570-223-700	2	Keyboard Tape Punch and Keyboard Typing Tape Punch (Off-Line) — Adjustments
570-223-800	2	Keyboard Tape Punch (LKPE), Keyboard Typing Tape Punch (LKTP) and Cover (LKPC) Off-Line — Parts
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570-224 Selector Magnet Driver

570-224-100	1	TP177010 Selector Magnet Driver — Description and Principles of Operation
570-224-200	1	TP177010 Selector Magnet Driver — Installation
570-224-300	1	TP177010 Selector Magnet Driver — Servicing
570-224-400	1	TP177010 Selector Magnet Driver — Wiring Diagram
570-224-800	1	TP177010 Selector Magnet Driver — Parts

570-3 Auxiliary Equipment**570-300 Tape Splicers**

570-300-100	1	1A Tape Splicer — Description and Operation
570-300-101	1	28A Tape Splicer — Description and Operation
570-300-401	1	28A Tape Splicer — Wiring Diagram

Number	Issue	Subject
570-300-700	1	1A Tape Splicer — Requirements and Adjustments
570-300-704	1	28A Tape Splicer — Requirements and Adjustments
570-300-705	1	28A Tape Splicer — Lubrication
570-300-800	1	1A Tape Splicer — Parts
570-300-801	1	28 Tape Splicer (LTS) — Illustrated Parts Breakdown

570-301 Winders, Unwinders, and Rewinders

570-301-100	1	Tape Winders — Motor Driven — 1A, 2A, 3A, and 4A — Description and Operation
570-301-101	1	Tape Winders — Motor Driven — TW200 and TW201 — Description and Operation
570-301-110	1	Tape Winders — Spring Driven — Description
570-301-111	1	Tape Unwinders and Rewinder — Description
570-301-120	1	Paper Winders — 15 Type — Description
570-301-220	1	Paper Winders — 15 Type — Installation
570-301-420	1	Paper Winders — 15 Type — Wiring Diagrams
570-301-421	1	Paper Winders — 1A-Wiring Diagram
Appendix 1	2	Paper Winders — 1A-Wiring Diagram
570-301-700	1	Tape Winders — Motor Driven — 1A, 2A, 3A, and 4A — Requirements and Adjustments
570-301-701	1	Tape Winders — Motor Driven — 1A, 2A, 3A, and 4A — Lubrication
570-301-703	1	Tape Winders — Motor Driven — TW200 and TW201 — Requirements and Adjustments
570-301-704	1	Tape Winders — Motor Driven — TW200 and TW201 — Lubrication
570-301-705	3	1A Paper Winder
570-301-720	1	Paper Winders — 15 Type — Requirements and Adjustments
570-301-721	1	Paper Winders — 15 Type — Lubrication
570-301-800	4	Tape Winders (TW) and Unwind Reels — Parts

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570-301-803	2	Paper Winder (PW) — Parts	570-303-201	1	128B2 Teletypewriter Subscriber Set — Installation
570-302 Auxiliary Power Equipment			570-303-202	3	128B2 Teletypewriter Subscriber Set — Installation of Radio Induction Suppressors
570-302-100	1	Rectifiers for Teletypewriter Station Apparatus — Description	570-303-203	5	130-Type Teletypewriter Subscriber Set for Customer-Owned Terminals — Installation
570-302-101	5	Fusetrons for Teletypewriter Apparatus — Description	570-303-204	1	131B2 Teletypewriter Subscriber Set — Installation
570-302-102	1	Time Switches for Teletypewriter Stations — Description	570-303-205	1	63-C-1 Telegraph Loop Switchboard — Installation
570-302-103	1	Teletypewriter Control Relays — Description	570-303-208	1	1043A Filter for Station End of 62.5 MA DC — Electronic Data Loop — Installation
570-302-200	1	Rectifiers for Teletypewriter Station Apparatus — Installation	570-303-401	1	128B2 Teletypewriter Subscriber Set — Wiring Diagram
570-302-202	1	Time Switches for Teletypewriter Stations — Installation	570-303-405	1	63-C-1 Telegraph Loop Switchboard — Wiring
570-302-204	4	122A Filter for Power Leads of Teletypewriter Sets — Installation	570-303-407	1	150-Type Wave Shaping Sets — Line Terminating Arrangements
570-302-302	1	Time Switches for Teletypewriter Stations — Operating Methods	570-303-503	4	130-Type Teletypewriter Subscriber Set — Tests and Adjustments
570-302-400	1	Rectifiers for Teletypewriter Station Apparatus — Wiring Diagram	570-303-504	1	131B2 Teletypewriter Subscriber Set — Tests
570-302-700	1	Rectifiers for Teletypewriter Station Apparatus — Requirements and Adjustments	570-303-706	1	Line Relays — Requirements and Adjustments
570-302-702	1	Time Switches for Teletypewriter Stations — Requirements and Adjustments	570-305 Word Counters		
570-302-703	1	Teletypewriter Control Relays — Requirements and Adjustments	570-305-101	1	WC-6A Word Counter — Description and Principles of Operation
570-303 Auxiliary Line Equipment			570-305-400	1	WM200 Word Counter — Wiring Diagram
570-303-101	1	128B2 Teletypewriter Subscriber Set — Description and Theory of Operation	570-305-401	1	WC-6A Word Counter — Wiring Diagram
570-303-103	4	130-Type Teletypewriter Subscriber Set — Description	570-305-700	1	WM200 Word Counter — Requirements and Adjustments
570-303-104	1	131B2 Teletypewriter Subscriber Set — Description and Principles of Operation	570-305-701	1	WM200 Word Counter — Lubrication
570-303-105	1	63-C-1 Telegraph Loop Switchboard — Description	570-305-704	1	WC-6A Word Counter — Requirements and Adjustments
570-303-106	1	Line Relays — Description	570-305-705	1	WC-6A Word Counter — Lubrication
570-303-107	1	150-Type Wave Shaping Sets — Description	570-305-800	1	WM200 Word Counter — Operates at 60, 75, or 100 WPM
570-303-108	1	1043A Filter for Station End of 62.5 MA DC — Electronic Data Loop — Description			

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570-306 Miscellaneous Equipment		
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570-306-200	2	Static Eliminators — Installation
570-306-201	4	Installation of Radio Frequency Induction Suppression Filters for Equipment Containing Miscel- laneous Relays or Mechanically or Manually Operated Contacts
570-306-700	2	Plugs and Sockets — H. B. Jones — Requirements and Ad- justments
570-307 Pushbutton Data Generator		
□ 570-307-800	1	(PBDG) — Parts

Division 573**28-Type Teletypewriters****573-0 Indexes and General Information 28-Type****573-6 Radio Frequency Interference (RFI) Suppression**

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573-000-000	77	Numerical Index — Division 573 — 28-Type Teletypewriters
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573-010-500	2	Maintenance Inspections and Tests
573-1 28-Type		
573-100 28 Keyboard Send-Receive and Receiving Only Teletypewriter Set (KSR and RO)		
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573-100-100	1	Description
573-100-201	2	28 Wall Mounted Keyboard Send and Receive and Receive-Only Teletypewriter (KSR and RO) — Installation
573-100-702	1	Disassembly and Reassembly
573-100-800	1	28 Page Printer Set Modification Kits (KSR/RO)
573-100-801	1	Keytops for Model 28 Teletypewriter Sets
573-101 28 Automatic Send-Receive Teletypewriter Set (ASR)		
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573-101-500	1	Operating Tests

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573-102-100	1	Description
573-102-200	1	Installation
573-102-702	1	Disassembly and Reassembly
573-103 28 Tape Teletypewriter Set		
573-103-400	3	Wiring Diagram
573-104 28 Reperforator-Transmitter Set		
573-104-400	2	Wiring Diagram
573-104-700	1	Requirements and Adjustments
573-104-701	1	Lubrication
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573-105 28 Self-Contained Transmitter-Distributor Set (Single- Contact and Multicontact)		
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573-106-702	3	(Single Contact and Multicontact) — Disassembly and Reassembly
573-108 28 and 35 Multimagnet Nontyping Reperforator Set		
573-108-100	1	Description
573-115 28 Typing Unit		
573-115-100	1	Description and Principles of Operation
573-115-102	1	28 Stuntbox Mechanism and Principles of CDC Assignments on the Broadcast Circuit Associated with a Data Switching System
573-115-103	1	28 Stuntbox — Description and Operating Principles
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573-115-200	2	Installation of Function Parts on a 28 Stuntbox
573-115-400	2	Wiring Diagram

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573-115-701	3	Lubrication	573-119-700	4	28 Nontyping Reperforator Unit — Adjustments
573-115-702	4	Disassembly and Reassembly	573-119-701	2	Lubrication
Appendix 1	4		573-119-702	1	Disassembly and Reassembly
573-115-800	3	(LP) — Parts	Appendix 1	1	
573-116 28 Teletypewriter Base (KSR and RO)			573-119-800	2	(LRPE) — Parts
573-116-100	1	Description and Principles of Operation	573-120 28 Multimagnet Nontyping Reperforator		
573-116-400	2	Wiring Diagrams	573-120-100	1	28 and 35 Multimagnet Nontyping Reperforator — Description and Principles of Operation
573-116-700	6	Adjustments	573-120-400	2	Wiring Diagram
573-116-701	3	Lubrication	573-120-700	3	28 and 35 Multimagnet Nontyping Reperforator — Adjustments
573-116-702	2	Disassembly and Reassembly	573-120-701	3	28 and 35 Multimagnet Nontyping Reperforator — Lubrication
573-116-800	3	28 Send-Receive Keyboard (LK) and 28 Receive-Only Base (LB) Parts	573-120-702	3	28 and 35 Multimagnet Nontyping Reperforator — Disassembly and Reassembly
573-117 28 Perforator-Transmitter Base			573-120-800	1	28 and 35 Multimagnet Nontyping Reperforator (LARP) — Parts
573-117-100	1	Description and Principles of Operation	573-121 28 Typing Reperforator Base (KTR and ROTR)		
573-117-400	6	Wiring Diagram	573-121-100	1	(Receiving Only and Keyboard Send-Receive) — Description and Principles of Operation
573-117-700	4	Requirements and Adjustments	573-121-101	1	28 Auxiliary Typing Reperforator Base for Automatic Send-Receive (ASR) Set — Description
573-117-701	3	Lubrication	573-121-400	2	(Receive-Only and Keyboard Send and Receive) — Wiring Diagram
573-117-702	2	Disassembly and Reassembly	573-121-700	6	28 Reperforator and Tape Printer Bases — Adjustments
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573-117-800	3	28 Automatic Send-Receive Keyboard (LAK) — Parts	573-121-702	1	(Receive Only and Keyboard Send and Receive) — Disassembly and Reassembly
573-118 28 Single Magnet Typing Reperforator			573-121-800	3	28 Receiving-Only Reperforator or Tape Printer Base (LRB) and 28 Receiving-Only Multiple Reperforator Base (LMRB) — Parts
573-118-100	1	Description and Principles of Operation			
573-118-400	2	Wiring Diagrams			
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573-118-701	4	28 Typing Reperforator and Tape Printer — Lubrication			
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573-118-800	2	28 Typing Reperforator (LPR) and 28 Tape Printer (LTP) Parts			
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573-122-700	1	Requirements and Adjustments	573-127-701	1	28B and 28C — Lubrication
573-122-701	1	Lubrication	573-127-702	2	28B and 28C — Disassembly and Reassembly
573-122-800	1	(LTP) — Parts	573-127-703	5	28E and 28H (LXD) — Adjustments
573-123 28 Tape Teletypewriter Base			573-127-704	2	28E and 28H (LXD) — Lubrication
573-123-700	2	28 Typing Reperforator and Tape Printer Keyboards — Adjustments	573-127-705	2	28E and 28H (LXD) — Disassembly and Reassembly
573-123-701	2	28 Typing Reperforator and Tape Printer Keyboards — Lubrication	Addendum	1	
573-123-702	1	28 Typing Reperforator and Tape Printer Keyboards — Disassembly and Reassembly	573-127-706	3	28F, 28G, 28LA, and 28LB — Requirements and Adjustments
573-123-800	2	28 Send-Receive Reperforator Keyboard Base (LTRK) and 28 Send-Receive Tape Printer Keyboard Base (LTPK) — Parts	573-127-707	3	28F, 28G, and 28LB — Lubrication
573-124 28 Tape Teletypewriter Cover			573-127-708	3	28F, 28G, 28LA, and 28LB — Disassembly and Reassembly
573-124-700	1	Requirements and Adjustments	573-127-800	2	(LAXD — Pivoted Head, Multicontact) — Parts
573-124-701	1	Lubrication	573-127-801	2	28 Transmitter (LX) and 28 Transmitter-Distributor (LXD) Unit — Parts
573-125 28 Reperforator-Transmitter Unit			573-127-802	2	28 Two-Shaft Transmitter Distributor (LBXD) — Parts
573-125-400	2	Wiring Diagram	573-127-803	1	28 Transmitter-Distributor (LCXD — Pivoted and Fixed Heads, Multicontact) — Parts
573-125-700	1	Requirements and Adjustments	573-128 Transmitter-Distributor Bases and 28 Transmitter-Distributor Houses		
573-125-701	1	Lubrication	573-128-100	1	28 Transmitter-Distributor Base for the Automatic Send-Receive (ASR) Set — Description
573-125-702	1	Disassembly and Reassembly	573-128-101	1	28 Transmitter Distributor Bases — (Single Mounting and Multiple Mounting) — Description
573-125-800	1	28 and 35 Reperforator Transmitter Base (LRXB) — Parts	573-128-400	1	28 Transmitter-Distributor Base — Wiring Diagram
573-125-801	1	28 and 35 Tape Handling Stand (LTHS) — Parts	573-128-401	1	28 Transmitter-Distributor Housing — Wiring Diagram
573-126 28 Reperforator-Transmitter Adapter Unit			573-128-700	1	28 Transmitter Distributor Bases — (Single Mounting and Multiple Mounting) — Adjustments
573-126-400	2	28A and 28B — Wiring Diagram	573-128-701	1	28 Transmitter Distributor Bases — (Single Mounting and Multiple Mounting) — Lubrication
573-127 28 Transmitter-Distributor Unit			573-128-800	3	28 Transmitter-Distributor Base (LCXB) — Parts
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573-127-400	2	28B and 28C — Wiring Diagram			
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573-129 28 Transmitter-Distributor Base Answer-Back Mechanism		
573-129-700	4	Requirements and Adjustments
573-129-701	2	Lubrication

573-130 28 Transmitter-Distributor Mounting and Cover Assemblies

573-130-400	4	28G and 28H — Wiring Diagram
573-130-800	2	28 Two-Shaft Transmitter Distributor Base (LBXB) and Multiple Transmitter Base (LMXB) — Parts
573-130-801	1	28 Transmitter-Distributor Cover (LBXC) and Cabinet (AC — Table Type) — Parts
573-130-802	2	28 Transmitter or Transmitter-Distributor Base (LXDB) and 28 Multiple Transmitter-Distributor Base (LMXB) — Parts
573-130-803	2	28 Transmitter or Transmitter-Distributor Cover (LXDC) and 28 Table (LT) — Parts

573-131 28 Distributor

573-131-100	1	28 Multiple Wire Distributor — Description and Principles of Operation
573-131-400	5	28 Multiple Wire Distributor — Wiring Diagram
573-131-700	3	Requirements and Adjustments
573-131-701	3	28 Multiple Wire Distributor — Lubrication
573-131-800	2	28 Multiple Wire Distributor (LD) — Parts
573-131-801	2	28 Multiple Wire Distributor — Early Design (LD) — Parts

573-132 28 Sequence Selector Unit and Base

573-132-100	1	28 Sequence Selector — Description and Operating Principles (as used in 83B1 Selective Calling Systems)
573-132-400	2	28 Sequence Selector Unit — Wiring Diagram
573-132-700	4	Requirements and Adjustments
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573-132-800	1	28 Sequence Selector (LS) — Parts
573-132-801	2	28 Sequence Selector Base (LSB) — Parts

573-133 28 Electrical Service Units

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573-133-400	2	Wiring Diagram
573-133-700	2	Adjustments
573-133-701	2	Lubrication
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573-133-800	2	(LESU) — for Keyboard Send-Receive and Receive-Only Sets — Parts
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573-133-801	2	(LESU) for Reperforators — Parts
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573-133-802	3	(LESU) — for Automatic Send-Receive Sets — Parts
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573-133-803	1	(LESU) for Sequence Selector — Parts
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573-133-804	2	(LESU) For Wall Mounted KSR/RO — Parts

573-134 28 Teletypewriter Cabinets

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573-134-101	1	Automatic Send-Receive (ASR) Sets — Description
573-134-400	1	Wiring Diagram
573-134-700	6	For KSR and RO Sets — Adjustments
573-134-701	3	For KSR and RO Sets — Lubrication
573-134-702	2	For KSR and RO Sets — Disassembly and Reassembly
573-134-703	1	28 Cabinet for Automatic Send-Receive — Adjustments
573-134-800	3	28 Console and Table Model Cabinets (LAC) and 28 Table (LT) — Parts

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573-134-802	2	28 Automatic Send-Receive Cabinets (LAAC) — Parts	573-137-800	2	28 and 35 — Parts
573-134-803	1	28 Keyboard With Perforator Cover (LBPC) — Parts	573-138 28 Receiving Selector Unit		
573-134-804	2	28 Wall Mounted Cabinet (LPC) — Parts	573-138-400	1	28A — Wiring Diagram
573-135 28 Typing Reperforator Cabinets, Tables, and Covers			573-138-800	2	28 and 35 (LRS) — Parts
573-135-100	1	Description	573-139 28 Tape Perforator and Typing Tape Perforator (Typing and Nontyping Perforators)		
573-135-400	1	Wiring Diagram	573-139-100	1	Description and Principles of Operation
573-135-700	2	28 Reperforator and Tape Printer Covers — Adjustments	Addendum	2	
573-135-701	2	28 Reperforator and Tape Printer Covers — Lubrication	573-139-700	1	Adjustments
573-135-800	2	28 Receiving-Only Reperforator or Tape Printer Cover (LRC), 28 Send-Receive Reperforator or Tape Printer Cover (LSRC), 28 Reperforator or Tape Printer Table (LT) — Parts	573-139-701	1	Lubrication
573-136 28 Apparatus Cabinets			573-139-702	1	Disassembly and Reassembly
573-136-400	1	Wiring Diagram	573-139-800	2	28 Perforator, Non-typing (LPE) and Typing (LTPE) — Parts
573-136-700	3	Requirements and Adjustments	573-144 28 and 35 Multimagnet Nontyping Reperforator Base		
573-136-701	1	Lubrication	573-144-100	1	Description and Principles of Operation
573-136-800	1	(LBAC) (Receiving, Monitoring and Transmitting-Monitoring) — Parts	573-144-700	1	Adjustments
573-136-801	1	(LBAC) (Transmitting and Transmitting-Monitoring) — Parts	573-144-701	1	Lubrication
573-136-802	1	(LBAC) for Reperforator Transmitter Sets — Parts	573-144-800	2	(LARB) — Parts
573-136-803	2	(LBAC) For Multiple Mounted Page Printers — Parts	573-144-801	1	(LARC) — Parts
573-137 28 Mounting and Cover Assembly			573-145 28 Answer-Back Unit		
573-137-100	1	28 and 35 Base for Receiving Selector and Multiple Wire Distributor — Description	573-145-700	1	28 Answer-Back Unit
573-137-400	3	Wiring Diagram	573-6 Radio Frequency Interference (RFI) Suppression		
573-137-700	1	28 and 35 Base for Receiving Selector and Multiple Wire Distributor — Adjustments	573-610 Typing Units		
			❶ 573-610-100	1	Typing and Nontyping Reperforators — Description and Adjustments
			❶ 573-610-800	2	Parts
			❶ 573-610-801	1	Typing and Non-Typing Reperforator — Parts

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573-611 28 Keyboards and Transmitter Distributors		
● 573-611-100	1	Description
● 573-611-800	2	Features for Low Level Sets — 28 Keyboards and Bases (LK, LTRK, LAK, and LB) — Parts
□● 573-611-801	1	28 Transmitter — Distributor — Parts
573-612 Cabinets		
573-612-100	1	Description
● 573-612-800	2	Features for Low Level Sets — 28 ASR/KSR Cabinet — Parts
573-613 Electrical Service Assemblies		
● 573-613-100	1	Description and Principles of Operation
● 573-613-300	1	Troubleshooting
● 573-613-800	2	Features for Low Level Sets — Electrical Service Assemblies — Parts
● 573-613-801	1	Electrical Service Units — Parts
573-620 Secure Teletypewriter Services		
● 573-620-100	1	Description and Installation
● 573-620-400	1	Wiring Diagram Package
● 573-620-800	1	TP333530 Interface Box Assem- bly for C8M System — Parts

Division 574**Teletypewriter 30 Series and Teleprinters****574-0 Indexes****574-1 Type 33 Equipment****574-2 Type 35 Equipment****574-3 Type 37 Equipment****574-5 Teleprinters**

Number	Issue	Subject
574-0 Indexes		
574-000-000	37	Numerical Index — Division 574 — Teletypewriter 30 Series and Teleprinters
574-010-100	2	33 and 35 Teletypewriter Sets for EIA and Direct Neutral Interface — Description
574-020-800	1	Keytops for Models 33 and 35 Teletypewriter Sets

574-1 Type 33 Equipment**574-100 33 KSR, RO, and ASR**

574-100-101	5	General Description and Operation
574-100-201	5	Installation
574-100-301	1	Teletypewriter Sets for No. 1 ESS™-ADF (ADNET) and 85/86 Data Selective Calling Stations — Troubleshooting
574-100-401	5	Wiring Diagrams
574-100-702	2	Removal and Replacement of Components
574-100-800	2	33 Modification Kits for ASR/KSR/RO Sets

574-121 33 Keyboard

574-121-100	3	Description and Principles of Operation
574-121-700	4	Adjustments

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574-121-701	3	Lubrication
574-121-702	3	Disassembly and Reassembly
574-121-800	6	(UK) — Parts

574-122 33 Typing Unit

574-122-100	3	General Description and Principles of Operation
574-122-700	5	Adjustments
574-122-701	3	Lubrication
574-122-702	4	Disassembly and Reassembly
574-122-800	9	(UP) — Parts

574-123 33 Call Control Unit

574-123-100	2	Description and Principles of Operation
574-123-102	1	UCC29 — For EIA and Direct Neutral Interface — Description and Principles of Operation
574-123-800	7	(UCC) — Parts

574-124 33 Tape Reader

574-124-100	3	General Description and Principles of Operation
574-124-700	4	Adjustments
574-124-701	3	Lubrication
574-124-702	2	Disassembly and Reassembly
574-124-800	6	(UX) — Parts

574-125 33 Tape Punch

574-125-100	3	General Description and Principles of Operation
574-125-700	5	Adjustments
574-125-701	3	Lubrication
574-125-702	2	Disassembly and Reassembly
574-125-800	6	(UPE) — Parts

574-126 33 Cover

574-126-100	1	General Description
574-126-700	2	Adjustments
574-126-701	1	Lubrication
574-126-800	6	33 Cover and Table — Parts

Number	Issue	Subject
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574-2 Type 35 Equipment**574-200 Receiving Only (RO)**

574-200-200	1	Page Printed Set — Installation
574-200-300	1	Teletypewriter Set — Service Maintenance (Troubleshooting)
574-200-400	2	Teletypewriter Set — Functional Diagrams and Connecting Information

574-201 Keyboard Send-Receive (KSR)

574-201-100	5	35 Keyboard Send-Receive (KSR) and Receive-Only (RO) Teletypewriter Sets — Description and Operation
574-201-200	1	35 Send-Receive Page Printer Set — Installation
574-201-300	1	35 Keyboard Send-Receive Teletypewriter Set — Service Maintenance (Troubleshooting)
574-201-400	3	35 Keyboard Send-Receive (KSR) Sets — Actual and Schematic Wiring
Appendix 1	3	35 Keyboard Send-Receive (KSR) Sets — Actual and Schematic Wiring

574-202 Automatic Send-Receive (ASR)

574-202-100	3	35 Automatic Send-Receive Teletypewriter Set — General Description and Operation
❶ 574-202-102	2	(Offline) For Switching System No. 307 — 35 Offline Tape Preparation Set — 34 Offline Tape Preparation Set With Code Converter and Table — General Description and Operation
❶ 574-202-103	2	(Online) For Switching System No. 307 — General Description and Operation
574-202-200	1	35 Automatic Send-Receive Set — Installation
❶ 574-202-202	2	(Offline) For Switching System No. 307 — 35 Offline Tape Preparation Set — 34 Offline Tape Preparation Set With Code Converter and Table — Installation

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❶ 574-202-203	2	(Online) For Switching System No. 307 — Installation
574-202-300	1	35 Automatic Send-Receive Teletypewriter Set — Service Maintenance (Troubleshooting)
❶ 574-202-302	1	(Offline) For Switching System No. 307 — 35 Offline Tape Preparation Set — 34 Offline Tape Preparation Set With Code Converter and Table — Service Maintenance — (Troubleshooting)
❶ 574-202-303	1	(Online) For Switching System No. 307 — Service Maintenance — (Troubleshooting)
574-202-400	3	35 Automatic Send-Receive (ASR) Sets — Actual and Schematic Wiring Diagrams
Appendix 1	3	35 Automatic Send-Receive (ASR) Sets — Actual and Schematic Wiring Diagrams
❶ 574-202-402	1	(Offline) For Switching System No. 307 — 35 Offline Tape Preparation Set — 34 Offline Tape Preparation Set With Code Converter and Table — Schematic Wiring Diagrams
❶ 574-202-403	1	(Online) For Switching System No. 307 — Schematic Wiring Diagram

574-203 Receiving Only Typing Reperforator Set (ROTR)

574-203-100	4	35 Receive-Only Typing Reperforator Sets — Description and Operation
574-203-200	2	35 Receive Only Typing Reperforator Set (ROTR) — Installation
574-203-300	1	35 Receive Only Typing Reperforator Set — Trouble Shooting

574-204 Keyboard Tape Printer (KTP)

574-204-100	3	35 Keyboard Send-Receive Tape Printer Teletypewriter Set — Description and Operation
574-204-200	2	35 Tape Printer Set — Installation
574-204-300	2	35 Keyboard Send-Receive Tape Printer Teletypewriter Set (Troubleshooting)

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574-204-400	1	35 Keyboard Tape Printer Teletypewriter Set — Functional Diagrams	574-221-700	7	35 Keyboard and Base for Keyboard Send-Receive and Receive-Only Sets — Adjustments
Appendix 1	1	35 Keyboard Tape Printer Teletypewriter Set — Functional Diagrams	574-221-701	3	35 Keyboard and Base for Keyboard Send-Receive and Receive-Only Sets — Lubrication
574-205 Transmitter-Distributor Sets			574-221-702	1	35 Keyboard for Keyboard Send-Receive Set — Disassembly and Reassembly
574-205-100	1	35 Transmitter-Distributor Sets — Description	574-221-800	6	35 Send Receive Keyboard (LK) and Receive-Only Base (LB) — Parts
574-206 35 Edge Punched Card Typing Reperforator Send-Receive Set			574-222 Keyboard for ASR Sets		
❶ 574-206-100	2	Description and Principles of Operation	574-222-100	5	35 Keyboard for Automatic Send-Receive Sets — General Description and Principles of Operation
❶ 574-206-200	2	(1A Keyboard Punch) — Installation	574-222-400	3	35 Keyboard for Automatic Send-Receive Sets — Actual Wiring Diagram
❶ 574-206-300	2	(1A Keyboard Punch) — Checkout and Troubleshooting	574-222-700	7	35 Keyboard for Automatic Send-Receiver Sets — Adjustments
574-206-400	1	Wiring Diagrams	574-222-701	4	35 Keyboard for Automatic Send-Receive Sets — Lubrication
❶ 574-206-701	1	(1A Keyboard Punch) — Removal and Replacement of Components	574-222-702	1	35 Keyboard for Automatic Send-Receive Sets — Disassembly and Reassembly
574-220 Typing Unit			574-222-800	5	35 Automatic Send-Receive Keyboard (LAK) — Parts
574-220-100	4	35 Typing Unit — General Description and Principles of Operation	574-223 Transmitter-Distributor Base Assembly		
574-220-400	2	35 Typing Unit — Actual Wiring Diagrams	574-223-100	3	35 Tape Reader Bases (for ASR Sets) — Description and Principles of Operation
574-220-700	9	35 Typing Unit — Adjustments	574-223-101	1	Bases for 35 Transmitter-Distributor Sets — Description and Principles of Operation
574-220-701	5	35 Typing Unit — Lubrication	574-223-400	3	35 Transmitter Distributor Base Assembly — Actual Wiring Diagram
574-220-702	1	35 Typing Unit — Disassembly and Reassembly	574-223-700	3	35 Tape Reader Bases (for ASR Sets) — Adjustments and Lubrication
574-220-800	4	35 Typing Unit (LP) — Parts	574-223-702	1	Bases for 35 Transmitter-Distributor Sets — Adjustments and Lubrication
Appendix 1	4	35 Typing Unit (LP) — Parts			
574-221 Keyboard and Base for KSR and RO Sets					
574-221-100	3	35 Keyboard and Base for Keyboard Send-Receive and Receive-Only Sets — General Description and Principles of Operation			
574-221-400	2	35 Keyboard and Base for Send-Receive and Receive-Only Sets — Actual Wiring Diagrams			

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574-223-800	3	35 Transmitter Distributor Base (LCXB) — Parts	574-226-801	4	35 Electrical Service Unit (LESU) for ASR Sets — Parts
574-223-801	4	35 Transmitter Distributor Base (LXDB) and Cover (LXDC)	574-226-802	3	35 Electrical Service Unit (LESU) (Typing Reperforator) — Parts
574-224 Nontyping Reperforator			574-226-803	1	35 Electrical Service Unit (LESU) Wall Mounted KSR/RO — Parts
574-224-100	3	35 Non-Typing Reperforator — General Description and Principles of Operation	574-227 Call Control Unit		
574-224-700	6	35 Nontyping Reperforator — Adjustments	574-227-100	2	35 Call Control Unit — General Description and Principles of Operation
574-224-701	5	35 Non-Typing Reperforator — Lubrication	574-227-400	3	35 Call Control Unit — Actual Wiring Diagrams
574-224-702	2	35 Non-Typing Reperforator — Disassembly and Reassembly	Appendix 1	3	35 Call Control Unit — Actual Wiring Diagrams
574-224-800	5	35 Non-Typing Reperforator (LRPE) — Parts	574-227-800	3	35 Call Control Unit (LCCU) — Parts
574-225 Transmitter-Distributor			574-228 Cabinet for ASR Sets		
574-225-100	2	35 Transmitter Distributor — General Description and Principles of Operation	574-228-100	3	35 Cabinet for Automatic Send-Receive Sets — General Description and Operation
574-225-400	3	35 Transmitter Distributor — Actual Wiring Diagrams	574-228-700	5	35 Cabinet for Automatic Send-Receive Teletypewriter Set — Adjustments
574-225-700	5	35 Transmitter Distributor — Adjustments	574-228-701	2	35 Cabinet for Automatic Send-Receive Teletypewriter Sets — Lubrication
574-225-701	3	35 Transmitter Distributor — Lubrication	574-228-800	5	35 Automatic Send-Receive Cabinet (LAAC) — ASR — Parts
574-225-702	1	35 Transmitter Distributor — Disassembly and Reassembly	574-229 Cabinet for KSR Sets		
574-225-800	4	35 Transmitter Distributor — (LXD-Single Contact Type) — Parts	574-229-100	3	35 Cabinets for Keyboard Send-Receive and Receive Only Sets — General Description and Operation
574-226 Electrical Service Unit			574-229-700	5	35 Cabinets for Keyboard Send-Receive and Receive-Only Sets — Adjustments
574-226-100	4	35 Electrical Service Unit — General Description and Principles of Operation	574-229-701	3	35 Cabinets for Keyboard Send-Receive and Receive Only Sets — Lubrication
574-226-400	3	35 Electrical Service Unit — Actual Wiring Diagrams	574-229-800	4	35 Console and Table Model (LAC) — KSR/RO — Parts
□● 574-226-401	1	Electrical Facilities Used on Off-line ASR Sets for Switching System No. 307 — Actual Wiring Diagrams	574-229-801	1	35 Wall Mounted Cabinet (LPC) KSR/RO — Parts
574-226-800	4	35 Electrical Service Unit (LESU) for KSR and RO Sets — Parts			

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574-230 Receiving Only Typing Reperforator Cover and Keyboard Tape Printer Cover			574-232-703	1	35 Reperforator Bases — Adjustments
574-230-100	3	35 Keyboard Tape Printer Cover — Description, Adjustments, and Lubrication	574-232-704	1	35 Reperforator Bases — Lubrication
574-230-101	1	35 Receive-Only Typing Reperforator Cover — Description and Adjustments	574-232-800	3	35 Tape Printer Keyboard (LTPK) — Parts
574-230-800	3	35 R-O Reperforator Cover (LRC) and 35 S-R Tape Printer Cover (LSRC) — Parts	574-232-801	3	35 Typing Reperforator Base (LRB) — Parts
574-231 Tape Printer			574-233 Typing Reperforator on ROTR		
574-231-100	4	35 Tape Printer — Description and Principles of Operation	574-233-100	5	35 Typing Reperforator — General Description and Principles of Operation
574-231-401	2	35 Tape Printer — Actual Wiring Diagram	574-233-400	3	35 Typing Reperforator — Actual Wiring Diagrams
574-231-700	5	35 Tape Printer — Adjustments	574-233-700	6	35 Typing Reperforator — Adjustments
574-231-701	3	35 Tape Printer — Lubrication	574-233-701	4	35 Typing Reperforator — Lubrication
574-231-702	2	35 Tape Printer — Disassembly and Reassembly	574-233-702	2	35 Typing Reperforator — Disassembly and Reassembly
574-231-802	1	35 Tape Printer (LTP) — Parts	574-233-800	4	35 Typing Reperforator (LPR) and 35 Tape Printer (LTP) — Parts
574-232 Tape Printer Keyboard and Receive Only Typing Reperforator Base			Appendix 1	4	35 Typing Reperforator (LPR) and 35 Tape Printer (LTP) — Parts
574-232-100	3	35 Tape Printer Keyboard — Description and Principles of Operation	574-234 Receiving Only Reperforator Table		
574-232-101	1	35 Reperforator Bases — Description and Principles of Operation	574-234-100	3	35 Receiving Only Reperforator Table — General Description and Principles of Operation
574-232-401	2	35 Tape Printer Keyboard and 35 Receiving Only Typing Reperforator Base — Actual Wiring Diagrams	574-234-400	2	35 Receiving Only Reperforator Table — Actual Wiring Diagrams
● 574-232-402	1	35 Auxiliary Typing Reperforator Base Used in 35 Automatic Send-Receive Teletypewriter Set — (Online) for Switching System No. 307 — Actual Wiring Diagram	574-234-700	3	35 Receiving Only Reperforator Table — Adjustments
574-232-700	4	35 Tape Printer Keyboard — Adjustments	574-234-701	3	35 Receiving Only Reperforator Table — Lubrication
574-232-701	3	35 Tape Printer Keyboard Lubrication	574-234-800	3	35 Reperforator Table (LT) — Parts
574-232-702	2	35 Tape Printer Keyboard — Disassembly and Reassembly	574-235 Answer-Back Assembly		
			574-235-100	3	28 and 35 Answer-Back Unit — Description and Operation
			574-235-200	1	28 and 35 Answer-Back Unit — Installation
			574-235-400	3	35 Answer-Back Assembly — Actual and Schematic Wiring Diagrams

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574-235-700	6	28 and 35 Answer-Back Unit — Adjustments
574-235-701	5	28 and 35 Answer-Back Unit — Lubrication
574-235-702	1	28 and 35 Answer-Back Unit — Disassembly and Reassembly
574-235-800	4	28 and 35 Answer Back Unit — Parts

574-236 Tape Reader (Parallel Output)

574-236-800	2	35 Transmitter (LX) — Parts
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574-237 Multiple Wire Distributor

574-237-100	2	35 Multiple Wire Distributor — Description and Principles of Operation
574-237-700	2	35 Multiple Wire Distributor — Adjustments
574-237-701	2	35 Multiple Wire Distributor — Lubrication
574-237-800	3	28 and 35 Multiple Wire Distributor (LD) — Parts

574-238 Mechanical Code Converter

❶ 574-238-100	1	For Switching System No. 307 — General Description and Principles of Operation
❶ 574-238-400	1	For Switching System No. 307 — 8-Level Tape to 5-Level Signal — Actual Wiring Diagram
❶ 574-238-700	1	For Switching System No. 307 — Adjustments
❶ 574-238-702	1	For Switching System No. 307 — Disassembly and Reassembly
574-238-800	2	(LXCC) — 8 to 5 Level and Table (LT) — Parts

574-239 Transmitter-Distributor (Multicontact)

574-239-100	3	35 Transmitter-Distributor Unit (Multicontact) — Description and Principles of Operation
574-239-700	2	35 Transmitter-Distributor (Multicontact) — Adjustments
574-239-701	2	35 Transmitter-Distributor Unit (Multicontact) — Lubrication
574-239-702	1	35 Transmitter-Distributor (Multicontact) — Disassembly and Reassembly

Number	Issue	Subject
574-240 Multimagnet Nontyping Reperforator		
574-240-700	1	35 Multimagnet Nontyping Reperforator
574-241 Base for Receiving Selector		
574-241-700	1	35 Base for Receiving Selector and Multiple Wire Distributor

574-242 35 Edge Punched Card Reader (Transmitter Distributor)

❶ 574-242-100	2	Description and Principles of Operation
❶ 574-242-200	2	Installation
574-242-400	1	Wiring Diagrams
❶ 574-242-700	2	Adjustments
❶ 574-242-701	2	Lubrication
❶ 574-242-702	2	Disassembly and Reassembly
❶ 574-242-800	4	(LEXD) — Parts

574-243 35 Edge Punched Card Punch (Keyboard Typing Reperforator)

❶ 574-243-100	2	Description and Principles of Operation
574-243-400	1	1A Card Reperforator — Wiring Diagrams
❶ 574-243-700	3	Adjustments
❶ 574-243-701	2	Lubrication
❶ 574-243-702	2	Disassembly and Reassembly
574-243-800	3	Reperforator (LEPR) — Parts

574-244 35 Edge Punched Card Typing Reperforator Base

❶ 574-244-100	2	Description and Principles of Operation
574-244-400	1	(2A Base) — Wiring Diagrams
❶ 574-244-700	2	Adjustments
❶ 574-244-701	2	Lubrication
❶ 574-244-702	2	Disassembly and Reassembly
574-244-800	3	Reperforator Base (LEPRB) — Parts

Number	Issue	Subject	Number	Issue	Subject
574-245 35 Edge Punched Card Typing Reperforator Cover			574-301-102	1	General Description
❶ 574-245-100	2	General Information	574-301-200	2	Installation
574-245-800	2	Reperforator Cover (LEPRC) — Parts	574-301-400	1	For Switched Network Service — Wiring Diagram and Circuit Descriptions
574-246 35 Edge Punched Card Feeder			574-301-702	1	Component Removal and Replacement
❶ 574-246-200	2	Installation	574-302 37 Automatic Send-Receive Set		
574-246-400	1	Wiring Diagrams	574-302-102	2	General Description
❶ 574-246-700	2	Adjustments	574-302-200	2	Installation
❶ 574-246-701	2	Lubrication	574-302-300	1	For Switched Network Service — Troubleshooting
❶ 574-246-702	2	Disassembly and Reassembly	574-302-301	1	No. 1 ESS-ADF (ADNET) and 85/86 Selective Calling Service — Troubleshooting
❶ 574-246-800	4	Hopper (EPCF) — Parts	574-302-400	1	For Switched Network Service — Wiring Diagram and Circuit Descriptions
574-247 35 Edge Punched Card Tables			574-302-702	1	Component Removal and Replacement
574-247-100	1	(201A Table) — General Information	574-303 37 ROTR Set		
❶ 574-247-101	2	General Information	574-303-100	2	Description and Operation
❶ 574-247-102	1	Equipment Table — General Information	574-303-200	1	Reperforator (ROT) Set — Installation
574-247-400	1	Wiring Diagrams	574-303-300	1	Troubleshooting
❶ 574-247-800	3	(LEPT) — Parts	574-303-702	1	Removal and Replacement of Components
574-3 Type 37 Equipment			574-320 37 Typing Unit		
574-300 37 Receiving-Only Set			574-320-101	2	37P003 and Up — Description and Principles of Operation
574-300-100	1	For DATAPHONE® Service — General Description and Operation	574-320-400	1	Wiring Diagrams
574-300-102	1	General Description	574-320-700	5	Adjustments
574-300-200	2	Installation	574-320-701	3	Lubrication
574-300-301	1	No. 1 ESS-ADF (ADNET) and 85/86 Selective Calling Service — Troubleshooting	Addendum	1	
574-300-400	1	For Switched Network Service — Wiring Diagram and Circuit Descriptions	574-320-703	2	(P003 and Higher) — Adjustments
574-300-702	1	Removal and Replacement of Components	Addendum	1	
574-301 37 Keyboard Send-Receive Set			574-320-704	2	Lubrication
574-301-100	1	For DATAPHONE Service — General Description and Operation	Addendum	1	
			574-320-705	2	Disassembly and Reassembly
			574-320-800	2	(YP) — Parts
			Appendix 1	2	(YP) — Parts

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574-320-801	5	(YP) — (Late Design 37P003 and Up, Wide Platen 37P101 and Up) — Parts	574-325-400	1	Wiring Diagrams
Appendix 1	5	(YP) — (Late Design 37P003 and Up, Wide Platen 37P101 and Up) — Parts	574-325-700	4	Adjustments
574-321 37 Keyboard and Base			574-325-701	3	Lubrication
574-321-101	2	Description and Principles of Operation	574-325-703	1	Adjustments
574-321-400	1	Wiring Diagram	574-325-704	1	Lubrication
574-321-703	2	37 Keyboard — Adjustments	574-325-800	1	Parts
574-321-704	2	37 Keyboard Unit — Lubrication	574-325-801	2	(YAB)
574-321-705	2	37 Keyboard Unit — Disassembly and Reassembly	574-326 37 Teletypewriter Cover		
574-321-801	5	37 Keyboard (YK) — Parts	574-326-101	2	37 Typing Unit Cover and Pan — Description and Operation
574-322 37 Electrical Service Unit			574-326-102	1	37 Receive-Only — Typing Reperforator (ROTR) Cover — Description and Operation, Adjustments and Lubrication
574-322-101	1	Description and Operation	574-326-703	2	37 Typing Unit Cover and Pan — Adjustments
574-322-102	1	YESU 823, 825, 827, 829 — Description and Operation	574-326-704	2	37 Typing Unit Cover and Pan — Lubrication
574-322-104	1	YESU 803, 806, 814, 815, 823, and 826 — Description and Operation	574-326-801	4	37 Page Printer Cover (YPC) — Parts
Addendum	1		574-326-802	2	37 Reperforator Cover (YRC) — Parts
574-322-400	1	Wiring Diagrams	574-327 37 Tape Cabinet (YAC)		
574-322-801	5	(YESU) — Parts	574-327-100	2	Description and Operation
Appendix 1	5	(YESU) — Parts	574-327-700	1	Adjustment
574-323 37 Teletypewriter Table			574-327-701	1	Lubrication
574-323-101	2	Description and Operation	574-327-800	4	Apparatus Parts
574-323-102	1	37 Receive-Only — Typing Reperforator (ROTR) Table — Description, Adjustments, and Lubrication	574-329 Nontyping Reperforator		
574-323-703	2	Adjustments	574-329-100	1	Description and Principles of Operation
574-323-801	5	(YT) — Parts	574-329-101	1	37 — YRPE808 and 809 — Description and Principles of Operation
574-323-802	2	37 Reperforator Table (YT) — Parts	574-329-400	1	37 Reperforators — Wiring Diagrams
574-325 37 Answer-Back Unit			574-329-700	2	37 — Adjustments
574-325-100	2	Description and Principles of Operation	574-329-702	1	Disassembly and Reassembly
574-325-101	1	(Y AB802) Description and Principles of Operation	Addendum	1	
			574-329-703	1	YRPE 808 and 809 — Adjustments
			574-329-704	1	37 — YRPE808 and YRPE809 — Lubrication
			574-329-705	1	37 YRPE808 and 809 — Disassembly and Reassembly

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574-329-800	2	(YRPE) — Parts	574-500-102	2	43 Teleprinter 8-Level Buffered Selected Calling (BSC) Station — General Description
Appendix 1	2	(YRPE) — Parts	574-500-103	2	43 Teleprinter 5-Level Buffered Selective Calling (BSC) Station — General Description
Appendix 2	2	(YRPE) — Parts	① 574-500-150	1	Engineering Specification
574-329-801	3	37 Non-Typing Reperforator (YRPE) (Late Design YRPE 808 and Up)	574-500-200	6	43 Basic Teleprinter — Installation and Removal
Appendix 1	3	37 Non-Typing Reperforator (YRPE) (Late Design YRPE 808 and Up)	574-500-201	2	43 Teleprinter 8-Level Buffered Send/Receive (BSR) Station — Installation and Removal
574-330 37 Reperforator			574-500-202	2	43 Teleprinter 8-Level Buffered Selective Calling (BSC) Station — Installation and Removal
574-330-100	1	Description and Principles of Operation	574-500-203	2	43 Teleprinter 5-Level Buffered Selective Calling (BSC) Station — Installation and Removal
574-330-400	1	Wiring Diagrams	574-500-210	5	43 Teleprinter — Engineering Options
Addendum	1		574-500-300	3	43 Basic KSR Teleprinter — Troubleshooting
574-330-700	2	Adjustments	574-500-301	2	43 Basic RO Teleprinter — Troubleshooting
574-330-701	2	Lubrication	574-500-302	2	43 Teleprinter 8-Level Buffered Send/Receiver (BSR) Station — Troubleshooting
574-330-702	2	Disassembly and Reassembly	574-500-303	1	43 Teleprinter 8-Level Buffered Selective Calling (BSC) Station — Troubleshooting
574-330-800	4	(YPR) — Parts	574-500-304	2	43 Teleprinter 5-Level Buffered Selective Calling (BSC) Station — Troubleshooting
Appendix 1	4	(YPR) — Parts	574-500-400	3	43 Basic Teleprinter — Wiring
574-331 37 Bases			574-500-401	1	43 Buffered KSR Teleprinter — Wiring
574-331-100	2	Typing Unit Base — Description and Operation, Adjustments, Lubrication, and Disassembly and Reassembly	574-500-500	3	43 Basic KSR Teleprinter — Testing
574-331-101	1	Receive-Only Typing Reperforator Base — Description and Operation, Adjustments and Lubrication	574-500-501	2	43 RO Teleprinter — Testing
574-331-400	1	Wiring Diagrams	574-500-502	2	43 Teleprinter 8-Level Buffered Send/Receive (BSR) Station
574-331-800	4	(YB) — Parts	574-500-503	2	43 Teleprinter 8-Level Buffered Selective Calling (BSC) Station — Testing
574-331-801	3	(YRB) — Parts	574-500-504	3	43 Teleprinter 5-Level Buffered Selective Calling (BSC) Station — Testing
574-332 37 Paper Winder			574-500-720	4	43 Teleprinter — Disassembly/Reassembly
574-332-100	1	For Friction Feed Sets			
574-332-400	1	Wiring Diagram			
574-332-800	2	Parts			
574-5 Teleprinters					
574-500 43 KSR Station					
574-500-100	4	43 Teleprinter Basic — General Description			
574-500-101	2	43 Teleprinter 8-Level Buffered Send/Receive (BSR) Station — General Description			

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574-500-750	4	43 Teleprinter — Routine Maintenance	574-504-200	1	Installation and Removal
574-500-800	5	43 Teleprinter — Parts	574-504-300	2	Troubleshooting
574-501 43 Printer			574-504-400	1	Wiring
574-501-300	4	Friction and Sprocket Feed Printer — Troubleshooting	574-504-500	1	Testing
574-501-301	1	43 Tractor Feed Printer — Troubleshooting	574-504-720	1	Disassembly/Reassembly
574-501-400	4	Wiring	574-504-750	1	Routine Maintenance
574-501-700	4	Adjustments and Spring Tensions	574-504-800	1	Parts
574-501-701	1	43-Tractor Feed Printer — Adjustments and Spring Tensions	574-505 43 Teleprinter 5-Level Paper Tape Punch Assembly		
574-501-710	4	Lubrication	574-505-300	1	Punch Assembly — Troubleshooting
574-501-711	1	43 Tractor Feed Printer — Lubrication	574-505-400	1	Wiring
574-501-720	4	43 Friction and Sprocket Feed Printer — Disassembly/Reassembly	574-505-700	1	Adjustments and Spring Tensions
574-501-721	1	43 Tractor Feed Printer — Disassembly/Reassembly	574-505-710	1	Lubrication
574-501-800	4	Parts	574-505-720	1	Disassembly/Reassembly
574-501-801	1	43 Tractor Feed Printer — Parts	574-505-800	1	Parts
574-502 43 Keyboard			574-506 43 Teleprinter 5-Level Paper Tape Reader Assembly		
574-502-300	4	43 Basic Keyboard — Troubleshooting	574-506-300	1	Troubleshooting
574-502-301	1	43 Buffered Keyboard — Troubleshooting	574-506-400	1	Wiring
574-502-400	4	43 Basic Keyboard — Wiring	574-506-700	1	Adjustments and Spring Tensions
574-502-401	1	43 Buffered Operator Console — Wiring	574-506-710	1	Lubrication
574-502-720	5	43 Keyboard — Disassembly/Reassembly	574-506-720	1	Disassembly/Reassembly
574-502-800	5	43 Keyboard — Parts	574-506-800	1	Parts
574-503 Enclosures and Paper Handling			574-507 43 Teleprinter 5-Level Paper Tape Motor Area		
574-503-700	3	43 Enclosures and Paper Handling — Adjustments	574-507-400	1	Wiring
574-503-800	4	43 Enclosures and Paper Handling — Parts	574-507-700	1	Adjustments
574-504 43 Teleprinter 5-Level Paper Tape Unit			574-507-720	1	Disassembly/Reassembly
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			574-508 43 Teleprinter 5-Level Paper Tape Power Supply		
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			574-508-400	1	Wiring
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			574-508-720	1	Disassembly/Reassembly
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574-509-400	1	Wiring
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574-510 43 Teleprinter 5-Level Paper Tape Rear Frame and Miscellaneous		
574-510-400	1	Wiring
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574-550 1000 (KSR/RO)		
574-550-100	1	Description
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Division 578**Miscellaneous Data Terminals****578-0 Indexes****578-1 Communication Display Terminals (CDT)****578-2 Parity Failure Detector****578-3 DATASPEED® Magnetic Tape****578-4 Peripheral Data Terminal Equipment****578-5 Printing Terminals**

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578-1 Communications Display Terminals (CDT)

578-160-100	1	VU SET* DS150A Data Terminal — Description, Installation, and Maintenance
578-160-101	1	VU SET DS150C Data Terminal and Alphanumeric Keyboard — Description and Operation
578-160-102	1	VU SET DS150C Data Terminal — Description, Installation, and Operation
578-160-103	1	VU SET Alphanumeric Keyboard (For Use With VU SET DS150C Data Terminal) — Description, Installation, Operation, and Maintenance
578-160-104	1	VU SET Dual Tone Multi-Frequency (DTMF) System — Description and Operation
578-160-105	1	VU SET DS150C Data Terminal — Maintenance

* VU SET is a registered trademark of Citicorp North America, Inc.

Number Issue Subject

578-3 DATASPEED® Magnetic Tape

578-300-100	4	General Description
578-300-701	3	Cabinets — Adjustments
578-300-702	3	Removal and Replacement of Components
578-300-703	3	Disassembly and Reassembly
578-300-800	4	(DMAC, DMAM, DMT, DME) — Parts

578-4 Peripheral Data Terminal Equipment**578-400 Communications Storage Unit**

578-400-100	2	COMM-STOR* II — Description and Operation
578-400-101	1	COMM-STOR II — Equipped With 8A1/8B1 Protocol Option — Description and Operation
578-400-102	1	COMM-STOR II — Station Message Detail Recording (SMDR) Feature — Description and Operation
578-400-103	1	Line Control Unit (LCU) — Description and Operation — COMM-STOR II — Installation Procedures
578-400-201	1	COMM-STOR II — Installation Procedures for 8A1/8B1 Protocol Option
578-400-202	1	COMM-STOR II Communication Storage Unit — Station Message Detail Recording (SMDR) Feature — Installation Procedures
578-400-203	1	Line Control Unit (LCU) — Installation Procedures — COMM-STOR II Communications Storage Unit
578-400-400	2	COMM-STOR II — Wiring Diagrams
578-400-500	3	COMM-STOR II — Testing and Troubleshooting Procedures
578-400-501	1	COMM-STOR II — Equipped With 8A1/8B1 Protocol Option — Testing and Troubleshooting Procedures

* COMM-STOR is a registered trademark of Sykes Datatronics, Inc.

Number	Issue	Subject
578-400-502	1	COMM-STOR II — Station Message Detail Recording (SMDR) Feature — Testing and Troubleshooting Procedures
578-400-503	1	Line Control Unit (LCU) — Test and Troubleshooting Procedures — COMM-STOR II Communications Storage Unit
578-400-700	2	COMM-STOR II — Disassembly and Reassembly and Parts
578-400-750	2	COMM-STOR II — Routine Maintenance Procedures

Division 579

**Teletypewriter Field Maintenance Practices/ Field
Installation Maintenance Practices**

579-0 Index and General

579-2 Models 33 and 35 Teletypewriters

579-4 Model 37 Teletypewriter

579-5 DATASPEED® Services

Number	Issue	Subject
579-0 Index and General		
579-000-000	19	Numerical Index — Division 579 — Teletypewriter — Field Maintenance Practices/Field Installation Maintenance Practices

579-5 DATASPEED Services

579-504 Magnetic Tape

579-504-350	4	Terminal for DATAPHONE® Service
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579-505 DATASPEED 40

579-505-352	2	Field Installation Maintenance Practice BISP — DATASPEED 40 Terminals FIMP Station Arrangements
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Division 580**Teletypewriter Switching Systems****580-0 General Information, General Instructions, and Indexes 81-Type Teletypewriter Switching Systems****580-3 No. 1 ESS™ ADF — Half Duplex and Full Duplex**

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580-0 General Information, General Instructions, and Indexes		
580-000-000	7	Numerical Index — Division 580 — Teletypewriter Switching Systems
580-1 81-Type Teletypewriter Switching Systems		
580-100-400	2	Tables Used With 81-Type Teletypewriter Switching Systems — Wiring Diagram
580-100-500	3	Outlying Stations — Station Performance Tests
580-101-100	2	81D1 — Description
580-101-101	2	Improvements in 81D1 Teletypewriter Switching System Including 100 Speed Operation — Description
580-101-102	1	81D1 — Sequential Selector Unit — BS6L Mechanical Timer and Function Shaft Cycle Timing
580-101-300	2	81D1 — Instructions for Patching Circuit Units and Machines at Switching Centers
❶ 580-101-400	3	81D1 — Station Control Circuit and SOTUS Unit — Relay Functions
580-101-401	1	81D1 — Switching Center Circuits — Theory Schematics
580-101-402	3	81D1 — BS6L Sequential Selector — SOTUS Lever Arrangement and Assembly
580-101-500	1	81D1 — Testing and Maintenance Procedures

Number	Issue	Subject
580-3 No. 1 ESS™-ADF — Half-Duplex and Full Duplex		

NOTE: (Due to its limited need, 580-3, which is being released on this BSPM, will not be given distribution on standing orders. Locations requiring these sections should place a regular one-time order for them.)

❶ 580-301-100	1	Half-Duplex 100-Word Per Minute Data Station — Using 4-Row Teletypewriters — Description and Operation
❶ 580-301-101	1	Full-Duplex — 100-Word Per Minute Data Station — Using 4-Row Teletypewriters — Description and Operation
❶ 580-301-102	1	Half-Duplex — 150-Word Per Minute Data Station — Using 4-Row Teletypewriters — Description and Operation
❶ 580-301-200	1	Half-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Installation
❶ 580-301-201	1	Full-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Installation
❶ 580-301-202	1	Half-Duplex — 150 Word Per Minute Data Station — Using 4-Row Teletypewriters — Installation
❶ 580-301-300	1	Half-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Maintenance
❶ 580-301-301	1	Full-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Maintenance
❶ 580-301-302	1	Half-Duplex — 150 Word Per Minute Data Station — Using 4-Row Teletypewriters — Maintenance
❶ 580-301-400	1	Half-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Wiring
❶ 580-301-401	1	Full-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Wiring
❶ 580-301-402	1	Half-Duplex — 150 Word Per Minute Data Station — Using 4-Row Teletypewriters — Wiring

Number	Issue	Subject
❶ 580-301-500	1	Half-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Test Procedures
❶ 580-301-501	1	Full-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Test Procedures
❶ 580-301-502	1	Half-Duplex — 150 Word Per Minute Data Station — Using 4-Row Teletypewriters — Test Procedures
❶ 580-301-700	1	Half-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriter — Disassembly and Reassembly
❶ 580-301-701	1	Full-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriter — Disassembly and Reassembly
❶ 580-301-702	1	Half-Duplex — 150 Word Per Minute Data Station Using ASCII Code — Disassembly and Reassembly

Division 581**Teletypewriter Selective Calling Systems****581-0 Index****581-1 Teletypewriter**

- 100 83B Type Teletypewriter Selective Calling System
- 120 8A1 and 8B1 Data Selective Calling System
- 121 8A1 Data Selective Calling System — Line Control
- 122 8A1 and 8B1 Data Selective Calling-Station Sets
- 123 9100 Teletypewriter Selective Calling Stations
- 124 8A1 Selective Calling Systems — 9140 Station Controller
- 125 9100 Teletypewriter Selective Calling Services/Systems Description
- 130 85A Data Selective Calling
- 131 85A1 and 85A2 Data Selective Calling System — Outlying Station
- 136 86 Type Data Selective Calling Service

581-8 Miscellaneous Systems

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581-1 Teletypewriter Selective Calling Systems		
581-100 83B Type Teletypewriter Selective Calling System		
581-100-100	2	83B1 — Description and Operating Principles
581-100-101	1	Pushbutton Calling Circuit for the 83B1 Teletypewriter Selective Calling System — Description and Operating Principles
581-100-102	1	83B2 — Description and Operating Principles
581-100-103	1	83B3 — General Description
581-100-104	1	83B3 — Description of Interface Connection to a Customer-Owned Business Machine

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581-121-200	2	35A Line Controller — Installation
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581-122-400	2	8A1 and 8B1 — Wiring Diagrams
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581-131-101	2	85A2 — 150-Word Per Minute Half-Duplex Operation — Description and Operation
581-131-102	2	Stations Using Data Auxiliary Sets — 820J and 820L Controllers — Description and Operation
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581-131-300	4	85A1 — 100-Word Per Minute Half-Duplex Operation — Maintenance
581-131-301	3	85A2 — 150-Word Per Minute Half-Duplex Operation — Maintenance
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581-136-202	2	86B1 — Full-Duplex — 100-Word Per Minute Data Station — Installation
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Number	Issue	Subject
581-136-302	2	86B1 — Full-Duplex — 100-Word Per Minute Data Station — Maintenance
581-136-303	2	86B2 — Full-Duplex — 150-Word Per Minute Data Station — Maintenance
581-136-500	2	86A1 — 100-Word Per Minute Data Station — Test Procedure
581-136-501	2	86A2 — 150-Word Per Minute Data Station — Test Procedure
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581-136-503	2	86B2 — Full-Duplex — 150-Word Per Minute Data Station — Test Procedures

581-8 Miscellaneous Systems

❶	581-803-500	1	Telegraph — Office Responsibilities — Operating and Testing Procedures for Teletypewriter Circuits Using Fast Interline Non-Printing Activate Control
❶	581-803-501	1	Fast Interline Non-Printing Activate Control (FINAC) Master Station Transmitter Control Arrangement — Description, Operation and Test Procedures
❶	581-803-502	1	Fast Interline Non-Printing Activate Control (FINAC) Outlying Station Control Circuit EA12616 — Description, Operation, and Test Procedures
	581-803-503	1	Fast Interline Non-Printing Activate Control (FINAC) Outlying Station Control Circuit EA12944 — Description, Operation, and Test Procedures

Division 582

Data Communications Equipment Systems, Services, and Components

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- 001 General

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- 100 Types 1 and 2 — DATASPEED® Tape-to-Tape System
- 101 Type 4 — High Speed DX Type Tape Reader
- 102 Type 5 — DATASPEED Tape-to-Tape System

582-2 DATASPEED 40

- 200 Stations
- 210 Printers
- 211 Operator Console — KD and RO
- 212 Cabinets and Facilities
- 213 Display Monitor
- 214 PS101 Power Supply
- 220 Communications Processor

582-3 DATASPEED 45

- 300 4540 Station Arrangements
- 305 E4544LCC Controller
- 306 Printer Types
- 311 Operator Console — 4500 Keyboards — 45K301 Type
- 312 4500 Cabinets, Tables, and Facilities

582-4 Printers/Typewriters

- 403 Printer Types
- 442 620, 621, and 622 Printers
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582-5 PARADYNE® Data Communications Equipment

- 510 Network Access Devices
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- 600 Terminals — Display, Personal, and Multi-Tasking Graphics

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582-000-000	96	Numerical Index — Division 582 — Data Communications Equipment — Systems, Services and Components
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582-001-100	2	EIA Data Terminal Switch Assembly — Description and Principles of Operation
582-001-101	2	Answer-Back for DATASPEED Terminals — Descriptions and Principles of Operation
582-001-200	1	EIA Data Terminal Switch Assembly — Installation
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582-001-202	2	Environmental Enclosures — Installation and Maintenance
582-001-204	1	Noise Reducing Cabinet for DATASPEED Printer Installation, Maintenance, Wiring, and Parts
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582-100 Types 1 and 2 — DATASPEED Tape-to-Tape System		
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582-100-102	1	TP199610 Send-Receive Terminal Modification Kit ("Y" Cable)
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582-100-215	4	Type 1 and Type 2 Tape Senders and Receivers — Installation and Checkout

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582-100-315	4	Type 2 Tape Senders and Receivers — Troubleshooting	582-200-105 IS	3	Asynchronous DATASPEED 4420 KD/KDP Stations — Description and Operation
582-100-415	3	Power Supply 1A for Type 2 Tape Senders and Receivers — Description, Troubleshooting, and Wiring Diagrams	582-200-107 IS	2	Asynchronous DATASPEED 4430 KD Stations — Description and Operation
582-100-515	1	Type 2 Senders and Receivers — Test Procedures — With a DTC Using a DATASPEED Test Set	① 582-200-112	1	Integrated ROP Station Arrangements — Detailed Description
582-100-810	1	High Speed Tape Reader (CX), Cover (CXC), and Base (CXB)	582-200-200	1	DATASPEED 40/0 and 40/1 Sets and Stations — Installation
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582-101-711	1	Lubrication	582-200-202	2	Teletypewriter Compatible DATASPEED 40/2 — Installation
582-101-712	1	Disassembly and Reassembly	582-200-203	1	DATASPEED 40 With 9140 Station Controller — Installation
582-102 Type 5 — DATASPEED Tape-to-Tape System			582-200-204 IS	4	Integrated Asynchronous DATASPEED 40 — Receive-Only Printer Station — Installation
582-102-115	4	Tape Senders 5A and 5C — Description and Operation	582-200-206 IS	3	Asynchronous DATASPEED 4420 KD/KDP Stations — Installation
582-102-120	4	Tape Receiver 5B — Description and Operation	582-200-207 IS	2	Asynchronous DATASPEED 4430 KD Stations — Description and Operation
582-102-215	4	Tape Senders 5A and 5C — Installation and Checkout	582-200-217	1	DATASPEED 40 Noise Reduced Feature for Friction Feed Printer Sets
582-102-220	4	Tape Receiver 5B — Installation and Checkout	Appendix 1	1	DATASPEED 40 Noise Reduced Feature for Friction Feed Printer Sets
582-102-315	4	Tape Senders 5A and 5C — Troubleshooting	582-200-290	2	Station and Component — Installation
582-102-320	4	Tape Receiver 5B — Troubleshooting	582-200-400	1	DATASPEED 40/0 and 40/1 Sets and Stations — Wiring
582-102-720	5	Tape Receiver 5B — Adjustment, Lubrication, Remove, and Replacement of Components	582-200-402	2	Teletypewriter Compatible DATASPEED 40/2 — Wiring Diagrams
582-2 DATASPEED 40			582-200-403	1	DATASPEED 40/3 With 9140 Station Controller — Wiring Diagrams
582-200 Stations			582-200-404 IS	3	Integrated Asynchronous Receive-Only Printer Station — Wiring Diagrams
582-200-001	1	Synchronous DATASPEED 40/4 — System Description	582-200-406 IS	2	Asynchronous DATASPEED 4420 KD/KDP Stations — Wiring Diagrams
582-200-100	1	DATASPEED 40 Station for DATAPHONE® Service — Description	582-200-407 IS	2	Asynchronous DATASPEED 4430 KD Stations — Description and Operation
582-200-102	1	Teletypewriter Compatible DATASPEED 40/2 — Description and Operation	582-200-500	1	DATASPEED 40/0 and 40/1 Sets and Stations — Testing and Troubleshooting
582-200-104 IS	4	Integrated Asynchronous DATASPEED 40 — Receive-Only Printer Station — General Description			

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582-200-503	1	DATASPEED 40 With 9140 Station Controller — Testing and Troubleshooting
582-200-504	2	Integrated Asynchronous Receive-Only Printer (ROP) Station — Testing and Troubleshooting
582-200-506	3	Asynchronous DATASPEED 4420 KD/KDP Stations — Testing and Troubleshooting
582-200-507 IS	2	Asynchronous DATASPEED 4430 KD Stations — Description and Operation
582-200-508	1	DATASPEED 40/3 With 9140 Station Controller and Integrated Receive Only Station Arrangements — Installation Testing Using a 921A Data Test Set, Version 4
582-200-700	1	DATASPEED 40/0 and 40/1 Sets and Stations — Disassembly/Reassembly and Parts
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582-200-702	2	Teletypewriter Compatible DATASPEED 40/2 — Disassembly/Reassembly and Parts
582-200-703	1	9140 Station Controller — Disassembly/Reassembly and Parts
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582-200-706 IS	3	Asynchronous DATASPEED 4420 KD/KDP Stations — Disassembly/Reassembly and Parts
582-200-707 IS	2	Asynchronous DATASPEED 4430 KD Stations — Disassembly/Reassembly and Parts
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582-200-752	2	Teletypewriter Compatible DATASPEED 40/2 — Routine Maintenance
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582-200-754	2	Asynchronous Receive-Only Printer (ROP) — Integrated Controller Station — Routine Maintenance
582-200-755 IS	2	Asynchronous DATASPEED 4420 KD/KDP Stations — Routine Maintenance
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Integrated Synchronous ROP (Receive-Only Printer) Station

582-202-100 IS	3	General Description
582-202-110 IS	3	Detailed Description
582-202-200 IS	3	Installation
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582-210-200	5	Installation
582-210-400	3	Wiring
582-210-500	3	Testing and Troubleshooting
582-210-700	3	Adjustments and Lubrication
582-210-702	3	Disassembly/Reassembly and Parts
582-210-750	2	Routine Maintenance

582-211 Operator Console — KD and RO

582-211-100	3	Description and Operation
582-211-400	2	DATASPEED 40/0 and 40/1 Sets and Stations — Wiring
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582-212 Cabinets and Facilities			582-300-501	1	4540 and 40/4 Mini- and Maxi-Cluster — Bisynchronous Remote — Installation Testing Using a 921A Data Test Set
582-212-400	4	Cabinets — Wiring	582-300-502	1	LCC — Testing and Troubleshooting
582-212-700	4	Cabinets and Facilities — Disassembly/Reassembly, Parts and Adjustments	582-300-503	1	LCC Clustered — Testing and Troubleshooting Using EIA Access Monitor
582-213 Display Monitor			582-300-505	1	Single Display — Testing and Troubleshooting
582-213-100	3	Description and Operation	582-300-700	2	Remote Clustered — Disassembly/ Reassembly and Parts
582-213-400	2	Wiring	582-300-702	1	LCC Clustered — Disassembly/ Reassembly and Parts
582-213-500	3	Testing and Troubleshooting	582-300-705	1	Single Display — Disassembly/ Reassembly and Parts
582-213-700	3	Adjustments and Lubrication	582-300-750	3	Routine Maintenance
582-213-701	3	Disassembly/Reassembly and Parts	582-300-752	1	LCC — Routine Maintenance
582-214 PS101 Power Supply			582-302-030 IS	2	Service Manual — Local Channel Controller DATASPEED 4540LCC
582-214-100	2	Description and Operation	Addendum	1	
582-214-400	1	Power Supply Units — Wiring Diagrams	582-303-030 IS	2	Service Manual
582-214-500	2	Testing and Troubleshooting	Supplement IS	1	
582-214-700	3	Disassembly-Reassembly and Parts	582-303-050 IS	2	Enhanced DATASPEED 4540 Station Arrangement in a SNA/SDLC or a BSC Environment Using the TEKTRONIX* 834 Data Communications Tester
582-220 Communications Processor			582-304-030 IS	1	SSI IRMA Service Manual
582-220-105	1	Maintenance Support Information	582-306/310 Printer Types		
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582-300-150	4	Remote — Description and Operation	582-306-030	4	Service Manual — 6500 Station
582-300-151 IS	2	Remote Clustered Featuring a Touch Screen Terminal	582-306-050 IS	2	On-Line Testing of the 6500 Multi-Function Communication System Using the TEKTRONIX 0834 Data Communications Tester
582-300-152	1	LCC Clustered — Description and Operation	582-306-100	1	General Description
582-300-200	4	Remote Clustered — Installation	582-306-150	1	Engineering Specification
582-300-202	1	LCC Clustered — Installation	582-306-200	2	Installation and Removal
582-300-205	1	Single Display — Installation			
582-300-400	2	Remote Clustered — Wiring Diagram			
582-300-402	1	LCC — Wiring Diagrams			
582-300-405	1	Single Display — Wiring Diagram			
582-300-500	4	Remote Clustered — Testing and Troubleshooting			

* TEKTRONIX is a registered trademark of Tektronix, Inc.

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582-306-300	1	Troubleshooting	445 Printer		
582-306-400	2	Wiring	582-401-030 IS	1	Service Manual
582-306-500	2	Testing	450 Printer		
582-306-700	2	Adjustments	582-402-030 IS	1	Service Manual
582-306-710	1	Disassembly/Reassembly	460 Printer		
582-306-800	1	Parts	582-403-000 IS	1	Model 201 — Job Aid
AP25 Printer			582-403-030 IS	1	Service Manual
582-310-100	1	General Description	582-403-050 IS	1	Model 201 — Testing Printers for EIA On-line Capability Using the TEKTRONIX 834 Data Communications Tester
582-310-200	1	Installation and Removal	470 Series Printer		
582-310-300	2	Troubleshooting	582-404-030 IS	1	Service Manual
582-310-400	1	Wiring	5310 and 5320 Printers		
582-310-500	1	Testing	582-405-000 IS	1	Teleprinter — Job Aid
582-310-700	1	Adjustments, Spring Tensions and Lubrication	582-405-030 IS	4	Service Manual
582-310-710	1	Disassembly/Reassembly	582-405-050	1	Testing Using Portable Equipment
582-310-750	1	Routine Maintenance	582-405-060 IS	1	Remote On-line Testing
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582-311 Operator Console — 4500 Keyboards — 45K301 Type			582-406-030	2	455 Service Manual
582-311-030 IS	1	Service Manual — Local Channel Feature of 6500 Station	457/458 Printer		
582-311-100	1	Description and Operation	582-407-030 IS	1	Service Manual
582-311-400	1	Wiring	435 Plotter		
582-311-500	1	Testing and Troubleshooting	582-408-030 IS	1	Service Manual
582-311-700	1	Disassembly/Reassembly and Parts	455 ASF 580		
582-312 4500 Cabinets, Tables, and Facilities			582-409-030 IS	1	455 ASF 580 Service Manual (3-85)
582-312-400	2	Cabinets — Wiring	478 and 479 Printers		
582-312-700	3	Cabinets, Tables, and Facilities — Disassembly/Reassembly, Parts, and Adjustments	582-410-000 IS	1	Job Aid
582-314-030	1	6500 Station Generic 3.1 Service Manual (9-88)	582-410-030 IS	2	Service Manual
582-4 Printers			447 Printer		
582-400/419 Printer Types			582-411-030	1	Service Manual
443 Printer			AT&T Model 7500S Electronic Typewriter		
582-400-000 IS	1	Model 106 — Job Aid	582-412-030 IS	1	Service Manual
582-400-030 IS	1	Service Manual			

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582-413-030 IS	1	Service Manual	582-440-030	B	AT&T 580 Printer Service Manual
AT&T 495 Laser Printer			582-442 620, 621, and 622 Printers		
582-414-030 IS	1	Service Manual	582-442-100	1	AT&T 620, 621, and 622 Printer User Manual
5310T and 478T Printers			Addendum	1	
582-415-030 IS	2	Service Manual	582-442-101	1	AT&T 620, 621, and 622 Printer Service Manual
5305 Printer			582-442-102	1	AT&T 620, 621, and 622 Printer Coax Manual
582-418-030 IS	1	Service Manual	582-442-103	1	AT&T 620, 621, and 622 Printer Twinax Manual
582-418-031	1	Service Manual Supplement	582-445 602 Dot Matrix Printer		
6571 and 6572 Printers			582-445-100	1	602 Dot Matrix Printer User Guide
582-419-030 IS	2	Service Manual	582-445-101	1	602 Dot Matrix Printer Service Manual
577 Printer			582-5 PARADYNE® Data Communications Equipment		
Addendum	1		582-510 Network Access Devices		
582-420-030	2	Printer 442/444/446 — Service Manual	582-510-100	3	ACCULINK® Access Controller Reference Guide Revision 2.2
582-420-034	1	Printer 577 — Service Manual	582-510-102	3.0	ACCULINK® Access Controller Model AAC/F Reference Guide Release 3.0
582-420-035	1	Printer 577 — Users Manual	582-6 DATASPEED 44		
582-420-036	1	Printer 577 — Coax Printer Supplemental Users Manual	582-600/624 Terminals — Display, Personal, and Multi-Tasking Graphics		
AT&T Application Printers			4410 Display Terminal		
582-421-100	1	Call Accounting Terminal Printer— Installation Guide	582-600-030 IS	1	Service Manual
582-421-105	1	AT&T Application Printer— Installation Guide	582-600-050 IS	2	Testing the Terminal for On Line Capability Using the TEKTRONIX 834 Data Communications Tester and the GN Navtel* Supercheck
582-421-106	1	Applications Printer (Wide Carriage) Installation Guide			
593 Laser Printer					
582-425-030	2	Service Manual			
595 Laser Printer					
582-426-030	1	AT&T 595 Laser Printer Service Manual			
570 Printer					
582-430-030	2	AT&T 570 Printer Service Manual			

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4415 Display Terminal		
582-601-030 IS	1	Service Manual
582-601-050 IS	1	Testing the Terminal for On-Line Capability Using the TEKTRONIX 834 Data Communications Tester and the Navtel Supercheck
4430 KD Stations On-Line		
582-603-030	1	AT&T Personal Terminal — 510A Service Manual
582-603-050 IS	1	Capability Testing Using the TEKTRONIX 834 Data Communications Tester
AT&T 510 Personal Terminal		
Addendum IS	1	
582-604-030 IS	1	Service Manual
513 BCT (Business Communications Terminal)		
582-605-030 IS	1	Service Manual
515 BCT (Business Communication Terminal)		
582-606-030 IS	2	Service Manual
500 BCT (Business Communications Terminal)		
582-607-030 IS	1	Service Manual
Dataspeed 4410 Display Terminal		
582-608-030 IS	1	With Optional Integrated Modem — Service Manual
4425 Display Terminal		
582-609-030 IS	1	Service Manual
582-609-050 IS	1	Testing the Terminal for On-Line Capability Using the TEKTRONIX 834 Data Communications Tester and the Navtel Supercheck
610/615 Terminals		
582-610-000 IS	2	Job Aid
582-610-030 IS	3	Service Manual
505 Personal Terminal		
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582-614-030 IS	1	Service Manual
5620 Terminal		
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605 Business Communications Terminal		
582-618-000	1	Job Aid
582-618-030 IS	1	Service Manual
620 Multi-Tasking Graphics Terminal		
582-620-000 IS	1	Job Aid
582-620-030 IS	1	Service Manual
510D-R2 Terminal		
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630 Multi-Tasking Graphics Terminal		
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582-630-030 IS	1	Service Manual

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582-900-101	4	Station Arrangement Identification
582-900-110	4	Description and Principles of Operation
582-900-200	4	Installation
582-900-300	4	Checkout and Troubleshooting
582-900-500	1	Test Procedures
582-900-501	1	Test Procedures With a DTC Using a DATASPEED Test Set
582-900-700	4	Tape Transport — Adjustments and Lubrication

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582-901-002 IS	1	Installation, Testing and Routine Maintenance
582-901-003 IS	1	Troubleshooting, Disassembly/Reassembly and Parts, and Adjustments

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582-901-102 IS	2	Installation, Testing and Routine Maintenance
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* UNIX is a registered trademark of Novell, Inc.

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585-223-415	6/93	DEFINITY Manager IV 2.2 Issue 2.0 Delta	585-225-604	1	Trouble Tracker Asynchronous Notification Protocol
585-223-416	4/94	DEFINITY Manager IV 2.2 Issue 3.0 Delta	585-225-702	1	Facilities Tracker RIV2 — Operations Manual
585-223-417	8/94	DEFINITY Manager IV 2.2 Issue 4.0 Delta	585-225-703	3	ACCUMASTER Trouble Tracker — Operations Manual (2-94)
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① 585-223-701	3	DEFINITY Manager IV — Terminal Change Management Operations	585-228-105	8/92	IASW AT&T Ticket Manager Installation Guide Release 1.0
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585-228-203	3/94	OCDD Technical Reference R1.5	Addendum	1/94	
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585-228-605	12/92	OCDD/RT R1.0 Planning and Configuration On-Line Call Detail Data/Real Time Planning and Configuration	585-228-751	R3.0	OCDD (On-Line Call Detail Data) Audio Learning System (contains a job aid, demo diskettes, and audio tape)
■ Addendum	3		585-228-753	1	CTM/RT Student Guide
585-228-701	1	ACCUMASTER Service Workstation R1 Using SMW	Ⓢ585-228-754	7/93	800 Service Monitor Demo Floppies Release C (2.0)
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585-228-712	1	QUICAP (Quick Call Attempt Profile) User's Guide R1.0	585-228-759	11/93	IASW Platform Manager Training Guide
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585-229-106	1	One Vision DEFINITY G3 Star Sent	585-230-031	3	Introduction to ACCUMASTER Integrator
585-229-107	1	One Vision DEFINITY G3 Prox-agen	585-230-032	1	Introduction to ACCUMASTER Integrator Release 3.0
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585-229-206	3	DEFINITY Communications System Generic 3 Management Applications— Connectivity and Installation (7-94)	Addendum	1	
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585-229-209	2	DEFINITY Communications System Generic 3 Management Applications UNIX Customer Quick Guide	■ 585-230-203	1	ACCUMASTER Automation Programmers Reference Manual Release 2
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585-229-610	1	DEFINITY G3 Management Application Planning and Implementation	585-230-206	1	ACCUMASTER Integrator Automation Programmer's Reference Guide
Addendum	1		585-230-207	1	ACCUMASTER Integrator File Import Programmer's Reference Guide Release 3.0
585-229-703	2	DEFINITY G1 and 3 System 75 Button	585-230-208	1	ACCUMASTER Integrator Technical Reference Guide Release 3.0
585-229-704	1	DEFINITY Label Mstr Oper 4.0	585-230-220	1	DEFINITY CallVisor™ ASAI Technical Reference G3 (1-31-92)
585-229-751	2	System Administration Using the DEFINITY Communications System Generic 3 Management Applications Release 2.0	585-230-221	1	DEFINITY CallVisor ASAI Protocol Reference G3 (1-31-92)
Addendum	1		585-230-222	1	DEFINITY G3 CallVisor ASAI Planning Guide (2-21-92)
585-229-752	1	System Administration Using the DEFINITY Communications System Generic 3 Management Applications Release 2.1 (Provisioning)	585-230-301	1	AT&T - IBM Interoperability Agreement
			■ 585-230-500	1	DEFINITY System Management Generic 1 and Generic 3 (1-31-92)
			■ 585-230-501	2	ACCUMASTER Integrator — Systems Administration Guide R2

Number	Issue	Subject
■ Addendum	2	
■ 585-230-502	1	ACCUMASTER Integrator — Network Administration Guide
585-230-503	1	ACCUMASTER Integrator — Network Administration Guide Release 3.0
585-230-504	1	ACCUMASTER Integrator — System Administration Guide Release 3.0
585-230-520	1	DEFINITY Call Vectoring Guide (2-21-92)
585-230-600	1	DEFINITY Planning and Configuration Generic 1 and Generic 3 (1-31-92)
Addendum	2	
585-230-601	2	ACCUMASTER Integrator — Planning and Configuration Guide
585-230-602	1	ACCUMASTER Integrator — Planning and Configuration Guide Release 3.0
585-230-701	1	ACCUMASTER Integrator — User Interface Reference Card
585-230-702	1	ACCUMASTER Integrator — User's Reference Card Release 3.0
Addendum	1	
585-230-716	1	ACCUMASTER Integrator — User's Guide
■ Addendum	1	
■ 585-230-717	1	ACCUMASTER User Guide Release 2
585-230-718	1	ACCUMASTER Integrator — User's Guide Release 3.0
585-230-721	1	ACCUMASTER Integrator — Getting Started Guide
585-230-722	1	ACCUMASTER Integrator — Keyboard Map Flipchart
Addendum	1	
585-230-723	1	ACCUMASTER Integrator — Data Collection Guide Release 2
585-230-724	1	ACCUMASTER Integrator — Data Collection Guide Release 3.0

585-231 Call Attempt Data Collection Services

Revision R7.0	1/95	
585-231-201	1	Call Attempt Data Collection Services/Real Time Technical Reference Release 6.0 (1-94)

Number	Issue	Subject
Addendum	6/93	
■ 585-231-202	10/92	QUICAP (Quick Call Attempt Profile) Technical Reference Release 2.1 Call Attempt Data/Real Time Central Systems Operations Administration and Maintenance
■ Addendum	9/93	
585-231-601	1	Call Attempt Data/Real Time Planning and Configuration
Addendum	10/94	
585-231-701	7/93	Call Attempt Manager/Real Time — User and Administration Guide (10-92)
Addendum	10/94	
585-231-702	1	Call Attempt Manager/Real Time Installation (10-92)
Addendum	R6.2	
■ 585-231-703	1	Call Attempt Data/Real Time User Guide and Job Aid
■ 585-231-704	10/92	Call Attempt Manager/Real Time Workcenter Supplement
585-231-750	12/92	Call Attempt Manager/Real Time Student Guide

585-234 ACCUMASTER Network Services

Addendum	11/94	
585-234-105	12/93	ACCUMASTER Ticket Manager — User Guide Release 1.5
■ 585-234-106	11/94	ACCUMASTER Ticket Manager

585-235 ACCUMASTER Services PC

Addendum	2/94	
585-235-701	2/94	IASPC Platform Manager User Guide Inbound Accumaster Services Personal Computer Platform Manager User Guide Release 2.0
Addendum	2/94	
585-235-702	2/94	IASPC On-Line Call Detail Manager User Guide Inbound ACCUMASTER Services Personal Computer Release 1.0
585-235-706	R2.3	ACCUMASTER Services Personal Computer Online Call Detail Manager (ASPCODM) Student Guide

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585-241 Outbound Call Management (OCM)			585-247-122	1	Hacker Tracker/Integrated Solution CAS — User Guide
585-241-102	1	OCM Installation Guide — G1	585-247-201	1	Call Accounting Terminal (Basic) Installation and Use (MERLIN® Plus, MERLIN LEGEND®, MERLIN II, SPIRIT® 2448)
585-241-104	1	OCM Maintenance Guide	585-247-202	1	Call Accounting Terminal (Basic) Installation and User (PARTNER II)
585-241-501	1	OCM Administration Guide — ADCC — G1	585-247-203	1	Call Accounting Terminal Plus/Business Installation and Use (MERLIN II, MERLIN Plus, MERLIN LEGEND, PARTNER® II, SPIRIT 2448)
585-241-502	1	OCM Administration Guide — ADCC — M1	585-247-204	1	Call Accounting Terminal Plus/Hospitality Installation and Use (MERLIN II, MERLIN Plus, MERLIN LEGEND, SPIRIT 2448, PARTNER II)
585-241-503	1	OCM Administration Guide — CONVERSANT	585-247-205	1	Call Accounting Terminal Plus CAT Watch Dog — Installation and Use
585-241-602	1	OCM Site Preparation — Generic 1	585-249 MERLIN LEGEND®		
585-241-702	1	OCM Agent's Guide	585-249-710	1	MERLIN LEGEND Applications
Addendum	1		585-3 Voice Messaging Systems		
585-241-703	1	OCM Supervisor's Guide	585-300 AUDIX (Audio Information Exchange) General		
585-245 ISDN Gateway			585-300-010	5	AUDIX Documentation Guide (11-93)
585-245-101	1	ISDN Gateway Installation and Maintenance Guide	585-300-011	4	DEFINITY AUDIX System R1.0 Documentation Guide
585-245-201	1	ISDN Gateway Planning and Application Development	585-300-050	1	AUDIX Training Tape
585-246 CALLVISOR™			585-300-109	4	DEFINITY AUDIX System R1.0 Installation Checklist
585-246-205	2	CALLVISOR ASAI Installation/Reference	585-300-110	4	DEFINITY AUDIX System R1.0 Maintenance
585-247 Call Accounting Systems (CAS)			585-300-111	5	DEFINITY AUDIX System R1.0 Installation
585-247-010	1	MERLIN® Site Installation and Implementation Guide — Integrated Solution II	585-300-205	5	DEFINITY AUDIX System R1.0 System Description
585-247-050	1	MERLIN LEGEND® Integrated Solution II — Planning Guide and Forms	585-300-206	3	DEFINITY AUDIX System R1.0 Feature Descriptions
585-247-051	1	MERLIN CAS Integrated Solution II — Forms	585-300-207	2	DEFINITY AUDIX System R1.0 Forms Reference
585-247-070	1	AUDIX® CAS (Call Accounting System) User Guide — E Central Systems Operations Administration and Maintenance	585-300-210	1	DEFINITY AUDIX System R3.0 Forms Reference
585-247-071	1	CAS Reference Card			
585-247-110	10/91	CAS Plus — V3 Installation			
585-247-111	1	CAS Plus — V3 Administration and Operations Guide			
585-247-117	1	CAS Plus — V3 Quick Reference Card			
585-247-120	1	CAS Integrated Solution — User Guide			

Number	Issue	Subject	Number	Issue	Subject
585-300-211	1	DEFINITY AUDIX System R3.1 Screens Reference	585-300-543	1	DEFINITY AUDIX System 3.1 Announcement INT 3.2 - French
585-300-401	1	DEFINITY AUDIX System R1.0 to R2.0 Change Description	585-300-544	1	DEFINITY AUDIX System 3.1 Announcement INT 3.2 - Polish
585-300-402	1	DEFINITY AUDIX System R2.0 to R3.0 Change Description	585-300-545	1	DEFINITY AUDIX System Announcement INT - German
585-300-404	1	DEFINITY AUDIX System R3.0 to R3.1 Change Description	585-300-546	1	DEFINITY AUDIX System 3.1 Announcement INT 3.2 - Japanese
585-300-507	4	DEFINITY AUDIX System R1.0 Administration	585-300-701	2	A Portable Guide to DEFINITY AUDIX Voice Messaging
585-300-509	4	Switch Administration for DEFINITY AUDIX System R1.0	585-300-702	3	DEFINITY AUDIX Voice Messaging Quick Reference (10-93)
585-300-512	5	AMIS Analog Networking and Message Delivery for DEFINITY AUDIX System (1-94)	585-300-703	4	DEFINITY AUDIX Voice Messaging Subscriber Document artwork
585-300-516	2	DEFINITY AUDIX R1.0 Announcement Customization	585-300-704	2	DEFINITY AUDIX Voice Messaging Wallet Card
585-300-526	1	DEFINITY AUDIX System Announcement Customization - U.S. English TDD	585-300-705	4	Multiple Personal Greetings Quick Reference
585-300-527	1	DEFINITY AUDIX System Announcement Customization - U.S. English	585-300-706	1	DEFINITY AUDIX Outcalling Quick Reference (8-94)
585-300-528	1	DEFINITY AUDIX System Announcement Customization - Latin Spanish	585-300-902	1	Application Notes
585-300-529	1	DEFINITY AUDIX System Announcement Customization - Canadian French	■ 585-300-903	4	AUDIX Networking Implementation Guide
585-300-530	1	DEFINITY AUDIX System Announcement Customization - British English	■ 585-300-904	5	Planning for DEFINITY AUDIX System R1.0
585-300-535	1	DEFINITY AUDIX System Announcement INT - US English	585-300-905	1	Multiple Personal Greetings Quick Reference
585-300-536	1	DEFINITY AUDIX System 123 Announcement INT - US English	585-302 AUDIX R1V2-R1V3		
585-300-537	1	DEFINITY AUDIX System Announcement INT - British English	585-302-105	1	Installation
585-300-538	1	DEFINITY AUDIX System Announcement INT - Canadian French	585-302-107	5	Upgrade Instructions for R1V1 1:4 to R1V2 2:0
585-300-539	1	DEFINITY AUDIX System Announcement INT - Latin Spanish	585-302-108	13	AUDIX R1V7 Upgrade Instructions
585-300-540	1	DEFINITY AUDIX System 3.1 TDD Announcement INT 3.2 - US English	Addendum	2	
585-300-541	1	DEFINITY AUDIX System 3.1 Announcement INT 3.2 - Dutch	585-302-501	2	Enhanced Administrators Manual
585-300-542	1	DEFINITY AUDIX System 3.1 Announcement INT 3.2 - Portuguese	585-302-502	10	AUDIX Administration and Data Acquisition Package (1/94)
			585-302-504	4/89	Stella Business Graphics
			585-302-701	2	Enhanced — User Guide
			585-302-702	2	Enhanced — Quick Reference Guide
			585-302-703	2	Enhanced — Wallet Card

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585-304 AUDIX Enhanced III			585-305-532	1	AUDIX Announcement Customization — Standard User (10-93)
Addendum	1		585-305-533	1	AUDIX Announcement Customization — Traditional User (10-93)/
585-304-106	1	Enhanced III — Maintenance	585-305-702	2	A Portable Guide to AUDIX Release 1 Version 5
Addendum	2		585-305-703	2	AUDIX Voice Messaging Wallet Card
585-304-202	1	Enhanced III — Forms Reference	585-305-707	2	AUDIX Voice Messaging Quick Reference
585-304-203	3	AUDIX Integration Package for the SL-1 Switch: Administration and Reference	585-305-708	2	Quick Reference Artwork
585-304-204	3	AUDIX Integration Package for the DMS- 100: Administration and Reference	585-305-709	1	A Portable Guide to AUDIX Voice Messaging
Addendum	1		585-305-710	1	AUDIX Voice Messaging Quick Reference
585-304-501	1	Enhanced III — Administration	585-305-711	2	AUDIX Voice Messaging Subscriber Artwork — Includes Masters for Quick Reference, Wallet Card and M. P. Greetings
585-304-701	1	User Guide	585-305-712	1	AUDIX Voice Messaging Wallet Card
585-304-702	2	A Portable Guide to AUDIX — Enhanced III	585-305-713	1	AUDIX Multiple Personal Greetings Quick Reference
585-304-703	1	AUDIX III Wallet Card	585-305-714	1	AUDIX Voice Messaging Quick Reference (10-93)
585-304-704	1	AUDIX Enhanced III User's Reference	585-305-715	1	A Portable Guide to AUDIX Voice Messaging (9-93)
585-304-705	2	Business Card Sticker	585-305-716	1	AUDIX Voice Messaging Subscriber Artwork Package — Traditional User (10-93)
585-304-706	1	Business Card Artwork	585-305-717	1	AUDIX Voice Messaging Wallet Card (9-93)
585-305 AUDIX Release 1 Version 5			585-305-718	1	Voice Messaging Subscriber Artwork Package Standard
585-305-105	4	AUDIX R1V6 Installation	585-306-402	1	AUDIX R1V7 Change Description Iss. 7:1 to 7:2
585-305-106	4	AUDIX Maintenance for Tier 1 (10-93)	585-306-403	1	AUDIX R1V8 Iss. 8:1 to 8:2 Change Description
585-305-201	4	AUDIX R1V6 System Description	585-310 AUDIX VOICEPOWER™ (AVP)		
Addendum	2		Addendum	1	
585-305-202	1	Forms Reference	585-310-010	1	AUDIX VOICEPOWER Release 2.1.1 Switch Notes for System 75 Communications System
585-305-203	4	AUDIX Feature Descriptions	585-310-011	1	AVP Switch Notes for System 25 (Order 555-600-629)
585-305-204	1	AUDIX Release 1 Version 6 Forms Reference	585-310-012	1	AUDIX VOICEPOWER Release 2.1.1 Switch Notes for System 25 Communications System
585-305-208	1	AUDIX Release 1 Version 7 Forms Reference			
585-305-209	1	AUDIX Release 1 Version 8 Forms Reference (10-93)			
585-305-405	1	AUDIX Release 1 Version 8 8:2 New Feature Package			
585-305-501	4	AUDIX Administration (11-93)			
585-305-505	5	Switch Administration for AUDIX Voice Messaging			
585-305-506	3	AUDIX Call Detail Recording Package			
585-305-531	1	AUDIX Announcement Customization R1V2 through R1V7 (11-93)			

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585-310-013	1	AUDIX VOICEPOWER System R3.0 Documentation Guide	585-310-137	1	Intuity MAP 100 Installation Checklist
585-310-015	1	AUDIX VOICEPOWER Planning Forms	Addendum	2	
585-310-020	1	Int Convers 5.0 Documentation Guide	585-310-138	1	Intuity MAP/40 Hardware Installation
585-310-050	1	AUDIX VOICEPOWER Tutorial — A Personal Tutorial — (Text & 1/2" VHS Tape)	Addendum	2	
585-310-101	1	4A Hardware — Installation Guide	585-310-139	1	Intuity MAP 100 Installation
585-310-102	1	Installation and Operations Guide	585-310-140	1	Intuity Software Installation
585-310-103	1	Installation Handbook	585-310-141	1	Intuity MAP/40 Installation Checklist
585-310-104	1	Administration Handbook for Technician's Use	Addendum	1	
585-310-107	1	AUDIX VOICEPOWER Lodging — Property Management System Interface Specification	585-310-146	1	Intuity MAP/5 Hardware Installation
585-310-108	1	AUDIX VOICEPOWER Installation and Maintenance Guide	585-310-147	1	Intuity MAP/5 Installation Checklist
585-310-111	1	6386/33 and 6386/25 Voice Processing Hardware Installation	585-310-148	1	Convers 5.0 MAP/100 Hardware
585-310-112	1	AUDIX Voicepower™ System R3.0 Installation Checklist	585-310-149	1	Convers 5.0 MAP/100 CHRD
585-310-113	1	AUDIX Voicepower System R3.0 Maintenance	585-310-150	1	Convers 5.0 MAP/40 Hardware
585-310-115	1	AUDIX Voicepower System R3.0 Software Installation	585-310-151	1	Convers 5.0 Software Installation
585-310-117	1	AUDIX Voicepower Lodging Release 3.0 MAP/5 Installation	585-310-152	1	Convers 5.0 Upgrades
585-310-118	1	AUDIX Voicepower Lodging Release 3.0 Switch Integration to System 75, G1, G3	585-310-153	1	Convers 5.0 Maintenance
585-310-125	1	AUDIX VOICEPOWER Lodging Installation Guide R1.1	585-310-154	1	INT MAP/5 Installation Checklist
585-310-126	1	AUDIX VOICEPOWER Lodging Property Management Installer's Checklist System R1.1	585-310-155	1	INT MAP/40 Installation Checklist
585-310-128	2	AUDIX VOICEPOWER Lodging Property Management System Specifications	585-310-156	1	INT MAP/100 Installation Checklist
585-310-131	1	AUDIX VOICEPOWER Lodging Interface System 75/DEFINITY	585-310-157	1	INT Software Installation R2
585-310-135	1	AUDIX VOICEPOWER R1.1 Installation	585-310-158	1	INT Upgrade MIG R2
585-310-136	1	AUDIX VOICEPOWER Service Management R1.1 Installer's Checklist	585-310-159	1	INT Con Vis Ins
			585-310-160	1	Intuity Software Installation 3.0
			585-310-161	1	Intuity Installation Checklist
			585-310-162	1	Intuity Upgrade Migration Program
			585-310-201	1	AVP R3.0 NEC NEAX 2400 MCI Switch Integration
			585-310-202	1	AUDIX Voicepower System R3.0 System and Feature Description
			585-310-203	1	AUDIX VOICEPOWER System, R3.0 Switch Integration to System 75 DEFINITY Generic 1 and DEFINITY Generic 3
			585-310-205	1	AVP R3.0 Northern Telecom SL-I Switch Integration
			585-310-206	1	AUDIX Voicepower Switch Integration To ROM 8000, 9000, and 9751 CBX
			585-310-208	1	AUDIX Voicepower System R3.0 Switch Integration Toolkit

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585-310-211	1	Intuity AUDIX System Description	585-310-521	1	AVP User's Guide
585-310-212	1	Intuity AUDIX Feature Description	585-310-525	1	AVP Lodging Administration Guide
585-310-214	1	Intuity System 75/G1/G3	585-310-530	1	AVP-SMS — System Manager's Guide
585-310-215	1	Intuity Integration with System 85 and DEFINITY Communications System Generic 2	585-310-532	1	AUDIX Voicepower System R3.0 Administration
585-310-216	1	Intuity Integration NEC NEAX 2400 Switch	585-310-533	1	Intuity AUDIX Digital Networking Administration
585-310-219	1	Intuity Integration 5ESS	585-310-534	1	Intuity Platform Administration and Maintenance
585-310-220	1	Intuity Integration ROLM 8000, 9000, and 9751	585-310-535	1	Intuity AUDIX Announcement Customization - American English
585-310-223	1	Intuity Integration DMS100	585-310-536	1	Intuity AUDIX Announcement Customization - British English
585-310-225	1	Intuity Convers 5.0 System Description	585-310-537	1	Intuity AUDIX Announcement Customization - Latin Spanish
585-310-226	1	Intuity Convers 5.0 IRAPIRP	585-310-538	1	Intuity AUDIX Announcement Customization - French Canadian
585-310-227	1	Intuity Convers 5.0 Application Device	585-310-539	1	Intuity AUDIX Administration
585-310-228	1	Intuity Convers 5.0 Speech Device	585-310-540	1	Intuity Documentation Guide
585-310-229	1	Intuity Convers 5.0 Commands Development	585-310-551	1	Conversvis 5.0 App Description
585-310-230	1	Intuity Convers 5.0 Commands Reference	585-310-552	1	Intuity Audix R3.2 Feature Operation
585-310-231	1	Intuity Integration with Merlin Legend	585-310-553	1	Intuity Message Manager Installation Administration Diagram
585-310-406	1	Intuity Convers 5.0 Change Description	585-310-554	1	Intuity Platform Administration Maintenance R2
585-310-501	1	AUDIX VOICEPOWER Administration Guide	585-310-557	1	Intuity Platform Administration Maintenance 3.0
585-310-502	1	Replacement Chapters Administration Guide	585-310-601	1	AVP-SMS Planning R1.1
585-310-504	1	Switch Specific Implementation /Administration for System 75 — Integrated	585-310-602	1	AUDIX Voicepower System R3.0 Planning
585-310-510	1	Integrated VOICEPOWER Automated Attendant Administration Guide— System 25	585-310-603	1	Intuity New System Planning
585-310-515	1	AUDIX VOICEPOWER Lodging (AVPL)— Manager's Handbook Automated Attendant Administration Guide— System 25	585-310-604	1	Intuity New System Planning R2.0
585-310-515REL	1	AVPL-PMS Release Notes (Chained to 585-310-515)	585-310-650	1	Migration to the Intuity System
585-310-516	1	AVPL Manager's Reference Guide	585-310-651	1	Intuity System R3.0 Plan Migration and Upgrade
Addendum	1		585-310-701	1	AUDIX VOICEPOWER User Guide
585-310-520	1	AVP System Managers Guide and Configuration R1.0	585-310-702	2	AUDIX VOICEPOWER Quick Reference Card (System 25)
			585-310-705	1	AVPL Attendant Quick Reference Guide
			585-310-706	1	AVPL Administrators Quick Reference Guide

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585-310-707	1	AVPL Quick Guest Reference R1.1	585-312-114	1	CONVERSANT Intro R1.0 Application Support Software Administration
585-310-709	1	AVP Wallet Card	585-312-115	1	CONVERSANT SSA Installation
585-310-710	2	AVP-SMS Release 1.1 Service Advisor Reference Artwork	585-312-116	1	CONVERSANT SSA Operation and Maintenance
585-310-711	1	AVP Release 3.0 Portable User Guide	585-312-117	2	CONVERSANT Voice Information System (VIS) Small-Scale Adjunct (SSA) Support (9-93)
585-310-712	1	AUDIX VOICEPOWER System R3.0 Quick Reference	585-312-118	2	CONVERSANT Voice Information System — Small-Scale Adjunct (SSA) Data Collection and Reporting Operations Support (9-93)
585-310-713	1	AUDIX VOICEPOWER System R3.0 Artwork Package	585-312-120	1	ISX Hardware Platform Installation Guide
585-310-714	1	AUDIX VOICEPOWER System R3.0 Wallet Card	585-312-121	1	CONVERSANT Voice Information System Installation and Field Service Guide — Master Controller III
585-310-715	1	AUDIX VOICEPOWER System R3.0 Business Card Sticker	585-312-130	1	Interact Service Express — Installation Guide R1.03
585-310-718	1	Intuity Intro Voice Response	585-312-131	1	Interact Service Express — User's Guide R1.03
585-310-721	1	Outcalling Quick Reference (10-93)	585-312-132	1	Interact Service Express — Consultant's Guide R1.03
585-310-724	1	Intuity VM Artwork Package	585-312-133	1	Interact Service R1.3 Master Controller II + III
585-310-725	1	Intuity Message Manager User Guide	585-312-133A	1	Interact Service R1.3 Master Controller II + III
585-310-727	1	Intuity Con 5.0 Script Builder	585-320 MERLIN MAIL®		
585-310-728	1	Intuity Call Account System User Guide	585-320-101	1	MERLIN LEGEND Mail— Installation Program and Miscellaneous Guide
585-310-729	1	Intuity Call Account Quick Reference	585-320-102	1	Voice R2 Instructions
585-310-730	1	Intuity Audix R3.2 Sub Art	585-320-141	1	MERLIN MAIL Multi-Lingual — Installation R1 System — Programming and Maintenance
585-310-733	1	Intuity Voice FAX Message User Guide	585-320-205	1	CONVERSANT Voice Information System (VIS) SDN NRA Improved Sequence Dialing (ISD) Trouble (7-93)
585-310-734	1	Intuity Voice FAX Message Quick Reference	585-320-501	1	MERLIN LEGEND Mail — Planning Guide and Forms
585-310-735	1	Intuity Audix 3.3 Message Art	585-320-502	1	R2 Planning Guide
Addendum	1		585-320-503	1	MERLIN LEGEND Mail — Planning Forms
585-310-901	1	AVP R2.1.1 Planning Guide and Forms	585-320-504	1	Plan Forms
585-312 CONVERSANT® Voice Information System (VIS) Introduction					
585-312-110	1	CONVERSANT Intro R1.0 Installation			
585-312-111	1	CONVERSANT Intro R1.0 Application Development Software Operations			
585-312-112	1	CONVERSANT Intro R1.0 Application Development Software User Guide			
585-312-113	1	CONVERSANT Intro R1.1 Advanced Application Toolkit Reference			

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585-320-541	1	MERLIN MAIL Multi-Lingual R1 Planning Guide and Forms	585-322-103	1	PARTNER Mail VS User's Quick Reference Card Note: Order 518-322-103
585-320-543	1	MERLIN MAIL R1 Planning Forms	585-322-104	1	PARTNER Mail MLS Tutor Labels
585-320-701	1	MERLIN MAIL Quick Reference Card (5 Per Package (6PLN))	585-322-501	1	PARTNER Mail — Installation, Administration and Maintenance
585-320-702	1	MERLIN MAIL — System Manager's Guide	585-322-502	1	PARTNER Mail — Planning Forms
585-320-703	1	Quick Reference Card	585-322-503	1	PARTNER Mail VS R1 Planning and Forms
585-320-704	1	System Administration	585-322-701	1	PARTNER Mail — User Quick Reference
585-320-741	1	MERLIN MAIL Multi-Lingual — Quick Reference Card			
585-320-741FR	1	MERLIN MAIL Multi-Lingual — Quick Reference Card (French)			
585-320-741SP	1	MERLIN MAIL Multi-Lingual — Quick Reference Card (Spanish)			
585-320-742	1	MERLIN MAIL Multi-Lingual — System Administration Card			
585-320-742SP	1	MERLIN MAIL Multi-Lingual — System Administration Card (Spanish)			
585-321 CLASSIC MAIL®			585-330 TSC-SS (Technical Service Center Support System)		
■ 585-321-010	2	CLASSIC MAIL Marketing and Sales Guide R1.6	■ Addendum	5/93	
■ 585-321-050	2	CLASSIC MAIL System Planner/206/410/820 R1.6	■ 585-330-702	5/93	TSC-Store Users Guide (to Organize Recover and Extract)
■ 585-321-051	2	CLASSIC MAIL System Planner/1030 R1.6			
585-321-100	1	CLASSIC MAIL VMS R1 System Reference Guide			
585-321-101	1	CLASSIC MAIL VMS R1 System Mailbox User Guide			
585-321-102	1	CLASSIC MAIL System Mailbox Quick Reference Card			
585-321-114	1	CLASSIC MAIL Mailbox User's Guide (9-94)			
585-321-115	1	CLASSIC MAIL System Reference Guide (9-94)			
585-321-116	1	CLASSIC MAIL Application Notes			
585-322 PARTNER® Mail			585-340 OVATION®		
585-322-101	1	PARTNER Mail Installation and User Guide	585-340-101	1	OVATION 6000 Installation and Service
585-322-102	1	PARTNER Mail VS Installation and Use Note: Order 518-322-102	585-340-102	1	OVATION Manager Installation and Service
			585-340-103	1	OVATION 2000 Installation and Service
			585-340-104	1	OVATION Alarm Processor Installation and Service
			585-340-201	1	OVATION External Interface (12-92)
			585-340-202	1	OVATION Data Transfer
			585-340-203	1	OVATION ScriptWriter
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591-033 113A-Type			591-036-180	1	Summarizing Specification — Data Systems
591-033-100	2	Description and Operation	591-036-201	2	Multiple Data Set Arrangement Using 28A1 Data Mounting and 27-Type Data Unit — Installation and Connections
591-033-110	1	Description and Operation	Addendum	1	
591-033-180	1	Transmitter/Receiver Summarizing Specification — Product Engineering Application	591-036-202	1	Single Private Line Station Using Data Auxiliary Set 820D-Type — Installation and Connections
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591-033-300	2	Maintenance	591-036-501	2	Multiple Data Set Arrangement Using 28A1 Data Mounting and 27-Type Data Unit — Test Procedures
591-033-500	2	Test Procedure	591-036-502	1	Single Private Line Station Using Data Auxiliary Set 820D-Type — Test Procedures
591-033-510	1	Test Procedure			
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591-034 113B-L1-Type			591-037 109H-Type		
591-034-100	1	Identification	591-037-100	1	Private Line Application — Description and Operation
591-035 109F-Type			591-037-101	1	Used in a Data Line Concentrator System — Description and Operation
591-035-100	1	Private Line Application — Description and Operation	591-037-180	1	Summarizing Specification — Station
591-035-101	1	Used in DATREX Service — Description and Operation			
591-035-180	1	Summarizing Specification — Data Systems — Station			
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591-037-201	1	Data Line Concentrator System — Installation and Connections			
591-037-300	1	Private Line Application — Maintenance	591-041 113C		
591-037-301	1	Data Line Concentrator System — Maintenance	591-041-100	1	113C-L1/2 Transmitter Receiver — Single Set — Description and Operation
591-037-500	1	Private Line Application — Test Procedures	591-041-200	1	113C-L1/2 Transmitter Receiver — Single Set — Installation and Connections
591-037-501	1	Used in a Data Line Concentrator System — Test Procedures	591-041-500	1	113C-L1/2 Transmitter Receiver — Test Procedures
591-038 115A-Type			591-041-501	1	113C-L1/2 — Transmitter-Receiver — Test Procedures Using 921A Data Test Set
591-038-100	1	Identification	591-041-502	1	Testing Data Set 113C-L1/2 From Field Locations — Using J1P005 Automatic Data Test System (ADTS)
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591-039-200	1	103J-L1/2 Transmitter-Receiver — Single Set — Installation and Connections	591-042-100	1	Identification
591-039-500	1	103J-L1/2 Transmitter-Receiver — Test Procedures	591-043 108H and J		
591-039-501	1	103J-L1/2 — Transmitter-Receiver — Test Procedures Using 921A Data Test Set	591-043-100	1	Description
591-039-502	1	Testing Data Set 103J-L1/2 From Field Locations — Using J1P005 Automatic Data Test System (ADTS)	591-043-200	2	Installation and Connections
			591-043-500	1	Data Sets — Test Procedures
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591-040-100	1	113D-L1/2 Transmitter-Receiver — Single Set — Description and Operation	591-044-100	1	Transmitter-Receiver — Single Set — Description and Operation
591-040-200	1	113D-L1/2 Transmitter-Receiver — Single Set — Installation and Connections	591-044-200	2	Data Set 103JR-L1/2 — Installation and Connections — Transmitter-Receiver — Single Set — Installation and Connections
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591-040-501	1	113D-L1/2 — Transmitter Receiver — Test Procedures Using 921A Data Test Set	591-044-501	1	Transmitter Receiver — Single Set — Test Procedures Using 921A Data Test Set
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			591-045-100	1	Description and Operation

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591-046-100	1	Transmitter-Receiver — Single Set — Description and Operation
591-046-200	1	Transmitter-Receiver — Single Set — Installation and Connections
591-046-500	1	Transmitter-Receiver — Single Set — Test Procedures
591-046-501	1	Transmitter-Receiver — Single Set — Test Procedures Using 921A Data Test Set
591-047 113DR-L1/2		
591-047-100	1	Transmitter-Receiver — Single Set — Description and Operation
591-047-200	1	Transmitter-Receiver — Single Set — Installation and Connections
591-047-500	1	Transmitter-Receiver — Single Set — Test Procedures
591-047-501	1	Transmitter-Receiver — Single Set — Test Procedures Using 921A Data Test Set
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591-048-501	1	Test Procedure Using 921A Data Test Set
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❶ 591-801-200	1	DATAPHONE — Installation

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591-802-100	1	37 Teletypewriter Automatic Send-Receive (ASR) Data Station Arrangement — DATA-PHONE — Description
591-802-101	2	37 Teletypewriter Automatic Send-Receive (ASR) Station Arrangement — Nonswitched Point-to-Point — Private Line Service — Description and Operation
591-802-200	1	37 Teletypewriter Automatic Send-Receive (ASR) Data Station Arrangements — DATA-PHONE — Installation
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591-806-102	1	Arranged for TWX — Description and Operation	591-811-184	1	DATAPHONE Interconnection Arrangements for Trunk Side — Summarizing Specification
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591-806-301	1	Arranged for Private Line Service — Maintenance	Addendum	1	
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591-811-102	2	Private Line Interconnection Arrangement for Line Side of 10-Type — Description	591-811-502	2	Private Line Interconnection Arrangement for Line Side of 10-Type — Test Procedures
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591-811-103	1	DATAPHONE Interconnection Arrangement for Line Side — Description	591-811-504	1	DATAPHONE Interconnection Arrangement for Trunk Side of 10B Data Line Concentrator (DLCS) — Test Procedures
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591-814 113-Type Data Station

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592-025-200	3	Transmitter-Receiver — Installation and Connections	592-028-502	1	Testing Data Set 202S From Field Locations — Using J1P005 Automatic Data Test System (ADTS)
592-025-300	1	Transmitter-Receiver — Maintenance	592-029 201C-Type		
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592-029-512	1	Testing Data Set 201C-L1C From Field Locations — Using J1P005 Automatic Data Test System (ADTS)	592-031-300	2	Transmitter-Receiver — Maintenance
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594-010-300	3	Transmitter — Maintenance
Addendum	1	
594-010-500	4	Transmitter — Test Procedures

594-011 401B and D Types

Addendum	1	
594-011-100	5	Receiver — Identification and Operation
594-011-200	2	Receiver — Installation and Connections
Addendum	1	
594-011-300	1	D Receivers — Maintenance
594-011-500	2	Receiver — Test Procedure

594-014 401E Type

594-014-100	6	Transmitter — Description and Operation
594-014-150	3	Transmitter — Theory of Operation and Supplementary Information
594-014-200	7	Transmitter — Installation and Connections
594-014-300	5	Transmitter — Maintenance
594-014-500	6	Transmitter — Test Procedures

594-015 401F Type

594-015-100	1	Receiver — Identification and Operation
594-015-200	2	Receiver — Installation and Connections
Addendum	1	
594-015-300	1	Receiver — Maintenance
594-015-500	2	Receiver — Test Procedures

594-016 402A Type

594-016-100	1	Transmitter — Description and Operation
594-016-200	3	Transmitter — Installation and Connections
594-016-300	2	Transmitter — Maintenance
594-016-500	5	Transmitter — Test Procedures

Number	Issue	Subject	Number	Issue	Subject
594-017 402B Type			594-021-200	2	Transmitter-Receiver — Used on Private Service Systems — Switching System No. 307 — Installation and Connection
594-017-100	1	Receiver — Description and Operation	594-021-300	2	Transmitter-Receiver — Used on Private Service Systems — Switching System No. 307 — Maintenance
594-017-200	2	Receiver — Installation and Connections	594-021-500	3	Transmitter-Receiver — Test Procedures
594-017-300	1	Receiver — Maintenance			
594-017-500	2	Receiver — Test Procedures			
594-018 401J Type			594-022 401H Type		
594-018-100	6	Receiver — Description and Operation	594-022-100	7	Transmitter — Description and Operation
Addendum	1		594-022-200	5	Transmitter — Installation and Connections
594-018-150	1	Theory of Operation and Supplementary Information	594-022-300	6	Transmitter — Maintenance
Addendum	1		594-022-500	8	Transmitter — Test Procedures
594-018-200	6	Receiver — Installation and Connections			
594-018-300	6	Receiver — Maintenance	594-023 403A Type		
594-018-500	6	Receiver — Test Procedures	594-023-100	2	Receiver — Identification and Operation
594-019 402C Type			Addendum	3	
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594-019-100	2	Transmitter — Identification and Operation	594-023-300	2	Receiver — Maintenance
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594-019-200	4	Transmitter — Installation and Connections			
594-019-300	3	Transmitter — Maintenance	594-024 404B1 Type		
Addendum	1		594-024-100	2	Description
594-019-500	6	Transmitter — Test Procedures			
594-020 402D Type			594-025 403D-Type		
594-020-100	3	Receiver — Description and Operation	Addendum	1	
594-020-200	5	Receiver — Installation and Connections	594-025-100	2	Description
594-020-300	3	Receiver — Maintenance	594-025-101	3	Multiple Data Set Station — Description and Operation
594-020-500	5	Receiver — Test Procedures	594-025-151	1	Theory of Operation and Supplementary Information
594-021 404A Type			Addendum	1	
594-021-100	3	Transmitter-Receiver — Identification and Operation	594-025-201	3	Multiple Data Set Station — Installation and Connections
594-021-150	3	Transmitter-Receiver — Theory of Operation and Supplementary Information	594-025-301	2	Multiple Data Set Station — Maintenance
			594-025-501	3	Multiple Data Set Station — Test Procedures

Number	Issue	Subject	Number	Issue	Subject
594-026 403E-Type			594-800 Data Station 407		
594-026-100	3	Single Receiver Station — Description and Operation	594-800-100	2	Description
594-026-200	3	Installation and Connections	594-800-101	2	Using 2B Automatic Call Distributor — Description
594-026-300	2	Single Receiver Station — Maintenance	594-800-102	2	407C — Description
594-026-500	3	Single Receiver Station — Test Procedures	594-800-150	2	Supplementary Information
594-027 Data Set 401L			594-800-182	1	407C-Type Multiple Data Station — Modulator/Demodulator — Summarizing Specification — Data Systems
594-027-100	2	Transmitter — Description and Operation	594-800-200	3	Installation and Connections
594-027-200	2	Installation and Connections	594-800-202	2	407C — Installation and Connections
594-027-300	1	Maintenance	594-800-300	2	Maintenance
594-027-500	2	Test Procedures	594-800-302	2	407C — Maintenance
594-028 401M-Type			594-800-500	2	Test Procedures
594-028-100	3	Transmitter — Description and Operation	594-800-501	2	Using 2B Automatic Call Distributor — System test
594-028-180	1	Transmitter Summarizing Specification Data Systems Station	594-800-502	2	407C — Test Procedures
594-028-200	3	Transmitter — Installation and Connections	594-801 407CR Multiple Data Station		
594-028-300	1	Transmitter — Maintenance	594-801-100	1	407AR and 407BR — Description
594-028-500	2	Transmitter — Test Procedures	594-801-102	1	Description
594-029 405-Type			594-801-182	1	Modulator/Demodulator — Summarizing Specification — Data Systems
594-029-100	2	Identification	594-801-200	1	407AR and 407BR — Installation and Connections
594-030 407-Type			594-801-202	1	Installation and Connections
594-030-100	2	407A — Identification	594-801-300	1	407AR and 407BR — Maintenance
594-030-101	1	407C — Identification	594-801-302	1	Maintenance
594-031 407CR			594-801-500	1	407AR and 407BR — Test Procedures
594-031-100	1	407AR and 407BR — Identification	594-801-502	1	Test Procedures
594-031-101	1	Identification			

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595-0 Index		
595-000-000	20	Numerical Index — Division 595 — 500- Type Service Units and Sets for Digital Systems/Services

595-1 General**595-100 Channel Service Unit**

595-100-100	2	550A-Type — Description
595-100-180	1	550A-Type — Summarizing Specification
595-100-200	4	550A-Type — Installation and Connections
595-100-300	2	550A-Type — Maintenance
Addendum	1	
595-100-500	4	550A-Type — Test Procedures

Number Issue Subject

595-2 Data Service Unit — Private Line

595-200-100	2	500A-Type — Description and Operation
595-200-101	1	500B-Type Data Service Unit — Description and Operation — Digital Data System
595-200-180	1	500A-Type — Summarizing Specification
595-200-200	4	500A-Type — Installation and Connections
595-200-201	1	500B-Type Data Service Unit — Installation and Connections — Digital Data System
595-200-300	2	500A-Type — Maintenance
595-200-301	1	500B-Type Data Service Unit — Maintenance — Digital Data System
595-200-500	5	500A-Type — Test Procedures
595-200-501	1	500B-Type Data Service Unit — Test Procedures — Digital Data System

595-3 Data Service Unit — Switched Service

595-300-100	2	Switched Digital Data System — 501A- Type — Description and Operation
595-300-180	1	501A-Type Data Service Unit (DSU) and Data Auxiliary Set 821A-Type — Summarizing Specification — Switched Digital Data System — Data Systems
595-300-200	2	Switched Digital Data System — 501A- Type — Installation and Connections
595-300-300	1	501A-Type — Maintenance
595-300-500	2	Switched Digital Data System — 501A- Type — Test Procedures

Division 596**600 Series Data Sets And Associated Services**

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 -010 601 Type
 -011 602A Type
 -012 603A Type
 -013 603B Type
 -014 603D Type
 -015 602B Type
 -016 602C Type
 -017 604A Type
 -018 604B Type
 -019 604E Type
 -020 602D Type

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596-000 Indexes		
596-000-000	43	Numerical Index — Division 596 — 600 Series Data Sets and Associated Services

596-010 601 Type

596-010-100	2	Transmitter-Receiver — Identification and Operation
596-010-200	8	Transmitter-Receiver — Installation and Connection
596-010-300	2	Transmitter-Receiver — Maintenance
596-010-500	2	Transmitter-Receiver — Test Procedures

596-011 602A Type

596-011-100	3	602A1 Transmitter-Receiver — Identification and Operation
596-011-200	4	602A1 Transmitter-Receiver — Installation and Connections
596-011-300	4	602A1 Transmitter-Receiver — Maintenance
596-011-500	5	602A1 Transmitter-Receiver — Test Procedures

Number	Issue	Subject
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596-012 603A Type

596-012-100	3	For Transmission of Medical Analog Data — Description and Operation
596-012-150	1	
596-012-150	2	For Transmission of Medical Analog Data — Theory of Operation and Supplementary Information
596-012-200	4	For Transmission of Medical Analog Data — Installation
596-012-300	3	For Transmission of Medical Analog Data — Maintenance
596-012-500	3	For Transmission of Medical Analog Data — Test Procedures

596-013 603B Type

596-013-100	3	Description and Operation
596-013-200	3	Installation Instructions
596-013-300	3	Maintenance
Addendum	1	
596-013-500	3	Test Procedures

596-014 603D Type

596-014-100	2	Description and Operation
596-014-200	1	Installation Instructions
596-014-300	1	Maintenance
596-014-500	1	Test Procedures

596-015 602B Type

① 596-015-100	1	Identification and Operation
① 596-015-200	1	Installation
① 596-015-300	1	Maintenance
① 596-015-500	2	Test Procedures

596-016 602C Type

596-016-100	5	Transmitter-Receiver
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596-016-200	4	Transmitter-Receiver — Installation and Connections
596-016-300	3	Transmitter-Receiver — Maintenance
596-016-500	3	Transmitter-Receiver — Test Procedures

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❶ 596-017-200	3	Installation and Connections
❶ 596-017-300	1	Maintenance
❶ 596-017-500	2	Test Procedures
596-018 604B-Type		
❶ 596-018-100	2	Description and Operation
❶ 596-018-200	2	Installation and Connections
❶ 596-018-300	1	Maintenance
❶ 596-018-500	2	Test Procedures
596-019 604E-Type		
❶ 596-019-100	1	Description
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596-020 602D Type		
596-020-100	1	Transmitter-Receiver — Description and Operation
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596-020-500	1	Transmitter-Receiver — Test Procedures

Division 598

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 -010 801A Type
 -012 801C Type
 -025 803A Type
 -031 804B Type
 -034 809B Type
 -036 806A Type
 -039 804C Type
 -040 819A Type
 -041 816 Type
 -042 806B Type
 -043 804E Type
 -044 820C Type
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 -048 804G Type
 -049 811B Type
 -053 804J Type
 -055 804K Type
 -056 804L Type
 -057 804M Type
 -058 801A Type
 -060 824A1 and B1 DAS (Data Recognizer) — D. S. 303
 -061 804P Type
 -064 820G (Includes 804N5 and 804R5) Type
 -066 804N
 -067 804R
 -068 806C (with 820B5 and CPT and ESS™-ADF)
 -070 811F
 -073 811G-L1
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 -078 811J-L1
 -080 828A and 828C
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-083 830 Through 839 Series

-085 821-Type

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598-010-101	2	Data Auxiliary Sets 801A5 and 801A6 for Automatic Calling — Description and Operation
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598-010-201	2	Data Auxiliary Sets 801A5 and 801A6 for Automatic Calling — Installation and Connections
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598-012-101	3	Data Auxiliary Sets 801C3 and 801C4 — Description and Operation	598-030-100	9	Data Auxiliary Set (804W) — Description and Operation
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598-012-151	1	Data Auxiliary Sets 801C3 and 801C4 for Automatic Calling — Theory of Operation and Supplementary Information	598-034-100	3	Description and Operation
598-012-200	2	Data Auxiliary Sets 801C1 and 801C2 for Automatic Calling — Installation	598-036 806A-Type		
598-012-201	3	Data Auxiliary Sets 801C3 and 801C4 — Installation and Connections	598-036-100	3	Description and Operation
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598-012-300	1	Data Auxiliary Sets 801C1 and 801C2 for Automatic Calling — Maintenance	598-039 804C-Type		
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598-012-500	3	Data Auxiliary Sets 801C1 and 801C2 for Automatic Calling — Test Procedures	❶ 598-039-200	1	Installation
598-012-501	3	Data Auxiliary Sets 801C3 and 801C4 — Test Procedures	❶ 598-039-300	1	Maintenance
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			598-041 816-Type		
			598-041-100	1	Description and Operation
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			598-042 806B-Type		
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			598-042-100	3	Description and Operation
			598-043 804E-Type		
			❶ 598-043-100	1	Identification

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598-046 820A- and B-Type			598-059 820E-Type		
598-046-100	2	Data Auxiliary Set 820A-Type — Identification	598-059-100	2	Identification
598-046-101	2	Data Auxiliary Set 820B-Type — Identification	598-060 824A1 and B1 DAS (Data Recognizer) — D.S. 303		
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598-046-210	1	Data Auxiliary Set 820B5 — Installation	598-060-101	1	Data Auxiliary Set 824B-Type — 18.75 Kilobit Data Recognizer — Description
598-046-310	1	Data Auxiliary Set 820B5 — Maintenance	598-060-200	2	Data Auxiliary Set 824A-Type — 50-Kilobit Data Recognizer (for COAM Equipment) — Installation and Connections
598-046-510	1	Data Auxiliary Set 820B5 — Test Procedures	598-060-201	1	Data Auxiliary Set 824B-Type — 18.75 Kilobit Data Recognizer — Installation and Connection
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598-049 811B-Type			598-061 804P		
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598-056 804L Type					
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598-056-500	1	Test Procedures			
598-057 804M Type					
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598-066 804N			598-077-100	2	Identification
598-066-100	2	804N1, 804N2, and 804N4 — Identification	598-078 811J-L1		
598-066-101	1	804N3 and 804N5 — Identifica- tion	598-078-100	1	Identification
598-067 804R			598-080 828A and 828C		
Addendum	1		598-080-100	3	828A — Description and Opera- tion
598-067-100	2	804R2, 804R3, and 804R4 — Identification	Addendum	1	
598-067-101	2	804R5 and 804R7	598-080-101	1	Description and Operation
598-068 806C (with 820B5 and CPT and ESS™-ADF)			598-080-180	1	Data Service Units for 4-Wire Private Line Summarizing Specif- ication — Data Systems
598-068-100	1	Data Auxiliary Set 806C1 — Identification	598-080-181	1	Data Service Unit for 4-Wire Voiceband Data Transmission — Summarizing Specification — Data Systems
598-070 811F			598-080-200	3	828A — Installation and Connec- tions
598-070-100	1	Description and Operation	598-080-201	2	Installation and Connections
598-070-200	1	Installation and Connection	598-080-500	3	828A — Maintenance and Test Procedures
598-070-300	1	Maintenance	598-080-501	1	Maintenance and Test Pro- cedures
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598-073 811G-L1			598-082 829-Type		
598-073-100	1	Identification	598-082-100	3	Description
598-074 811H-L1			598-082-200	3	Installation and Connections
598-074-100	1	Identification	598-082-500	3	Procedures
598-075 803E1					
598-075-100	1	Identification			

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598-083-100	1	830A — Identification	598-085-100	2	Switched Digital Data System — 821A- Type — Identification
598-083-101	1	831A — Identification			
598-083-102	1	830B — Identification	598-087 806E		
598-083-103	1	830C — Description, Installation, and Test Procedure	598-087-100	2	806E1 and 210A Power Unit — Identification
598-083-104	1	832A-L1 — Processor-Controlled Alarm Circuit — Description, Ins- tallation, and Test Procedure	598-088 801CR		
598-083-105	2	833A Data Station — Description — Select- A-Station Service	598-088-100	1	801CR-L1/2 — Description and Operation
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598-083-107	1	Identification	598-088-500	1	801CR-L1/2 — Test Procedures
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598-084 820K Through Z Series			598-089-100	1	828D — Description and Installa- tion
598-084-101	2	820L-Type — Identification			

Division 620**Outside Plant, General**

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620-1 Precautions

620-2 Clearances

620-3 Railroad Crossings, Tree Pruning, and Brush Spraying

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620-000-005	21	Permuted Alphabetical Index — Construction and Maintenance — Outside Plant
620-000-007	1	WIPs (Workcenter Information Packages)

620-020 General Information — Outside Plant

620-020-005	1	Cable Sheath Openings — Reporting of Openings and Closings to the Cable Test Desk
620-020-020	3	Signals for Use by Outside Plant Forces
■ 620-020-025AC	1	Outside Plant — Communications Overview (10-92)
■ 620-020-026AC	1	Telephone Maintenance Radio Service (TMRS) Network Maintenance
■ 620-020-030AC	1	Post Restoration Protection

620-040 Symbols and Abbreviations — Outside Plant

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■ 620-040-011AC	1	Outside Plant Symbols (1-93)
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620-040-013	4	Wire
620-040-014	3	Underground Conduit and Manholes — Building Conduit and Housings

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620-040-015	8	Cable, Cable Terminals, Closures and Interfaces
620-040-016	4	Loading Coil Cases, Capacitors, Building- Out Networks and Inductors
620-040-017	3	Carrier Systems
620-040-018	2	Cable Pressurization Systems
620-040-019	1	Closed Circuit Television Systems
620-040-020	1	Outside Plant Abbreviations — General

620-050 Outside Plant Construction Administration

620-050-005	2	ED-01 Drawings — Outside Plant Systems
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620-050-011	2	Standard Time Increments — Description and Application
620-050-012	2	Construction Management Center
620-050-013	1	Job Scheduling and Dispatching
620-050-014	1	Field Administration
620-050-015	1	Administration of Overrun Hours
620-050-021	1	Cable Transfer Procedures — 1 ESS™ Switching Office — Delayed Order Method

Quality Review Plan

620-050-030	2	Administration and Procedures
620-050-031	2	Inspection Reference Material
620-050-100	1	Operational Reviews for Outside Plant Construction Forces

MSTIC (Mechanized Standard Time Increment Calculation)

620-050-101	1	General Description
620-050-102	1	Placing Program
620-050-103	1	Splicing Program
620-050-104	1	Data Management and Reports Generation Programs

Plant Protection

■ 620-050-901AC	C	Underground and Buried Routes (7-93)
■ 620-050-910LL	A	Placing Markers and Signs (1-76)

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620-060-020	2	Cable Repair Force Management Plan — Ordering Information
620-060-025	1	Trouble Analysis for Cable Maintenance — Ordering Information
620-060-030	1	Quality Control for Cable Maintenance
■ 620-060-506AC	1	Outside Plant — Maintenance Overview (11-92)
■ 620-060-507AC	1	Outside Plant — Cable and Plant Protection Process (11-92)
■ 620-060-508AC	1	Outside Plant — CHC/OSWF Ticketing Process (11-92)
■ 620-060-509AC	1	Outside Plant — Contact Process (10-92)
620-060-510	3	Joint Utility Coordination and Damage Prevention Plan for Below-Ground Facilities (One-Call System)
620-060-511	1	Subsurface Facilities — Standard Marking and Staking Procedures

620-070 Vehicles — Tools and Materials

620-070-110	1	Standard Loading and Restocking of Tools and Materials — Splicing Vehicles
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620-100-005	1	Firestops for Outside Plant Cables That Penetrate Building Floors and Walls— Methods and Materials
620-100-010	1	Occupational Exposure to Lead Cable Removal
620-100-011	1	Minimum Approach Distances to Exposed Energized Power Conductors
620-100-015	1	Protective Measures for Working in the Vicinity of Extra High Voltage Power Lines
620-102-010	7	Underground and Buried Work

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620-105-010	7	B-Voltage Tester — Use on Joint-Use Poles and Other Equipment

620-131/134 Climbing Poles, Safeguards

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620-134-010	1	Unstepped Poles
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620-135 Guarding Work Areas — Outside Plant

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620-140 Testing Manhole Atmosphere

620-140-501	10	Testing and Ventilating Manholes
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620-145 Gasoline in Manholes

620-145-010	3	Petroleum Products in Underground Conduit Systems — Removal Procedures
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620-150 Manhole Covers

620-150-010	4	Manhole Covers — Removing and Replacing
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620-2 Clearances**620-210 Clearances for Outside Plant**

620-210-011	2	Clearances and Separations for Aerial Plant — General
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620-249 Clearance Attachments — Outside Plant

620-249-011	1	Clearance Attachments for Aerial Crossings — General
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620-300 Aerial Railroad Crossings		
620-300-011	3	Aerial Railroad Crossings
620-310 Tree Pruning		
620-310-100	2	Tree Pruning Tools
620-310-200	2	Tree Trimming and Pruning Methods
620-315 Brush Spraying		
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Division 621**Pole Lines****621-0 Indexes and General Information****621-2 Poles****621-3 Crossarms and Brackets****621-4 Guys**

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621-020-111	5	Dimensions and Weights of New Poles and Reinforcing Stubs

621-2 Poles**621-200 Poles — General**

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621-200-200	2	Placing Poles — Unloading Poles at Sidings
621-200-203	2	Loading and Binding Poles on Pole Trailers
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621-205 Poles — Erecting

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621-205-010	8	Placing or Removing Poles Near Electric Power Wires
621-205-200	2	Erecting Poles and Stubs
621-205-211	3	Placing Pole Braces and H Fixtures
621-205-215	2	Installing Lightning Protection

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621-215 Pole Line Inspection

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621-215-015	6	Inspection of Poles (2-93)

621-220 Poles — Removal

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621-295 Pole Maintenance

621-295-300	7	Preservative Treatment of Standing Poles
621-295-305	3	Reinforcement
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621-300-100	2	Exchange Crossarms
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621-305-100	2	Carrier Crossarms
621-308-100	2	Insulator Pins
621-310-200	2	Equipping Crossarms
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621-400-015	3	Guying — Insulated Wires
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621-405-201	4	Guying — Methods of Insulating and Grounding

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623-220-014	2	H Steel Line Wire — 104 Copper Steel Line Wire
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623-300 Open Wire — Bridling

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623-820 Open Wire — Repair and Restoration

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623-820-301	1	Emergency Restoration of Service
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Division 624

Multiple Wire

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624-070 Clearance for Multiple Wire		
624-070-017	1	Clearances for Multiple Line Wire in the Heavy Loading Area

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-000 Indexes

-020 General

-021 Service Wire — Reels of Wire

-030 Cable Packaging and Shipping

-099 Customer Information Release (CIR)

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-100 83nF/M Conductor Cables

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626-2 Cable Description, Sizes, and Reel Lengths

-200 Cable Sizes and Reel Lengths

626-3 Aerial and Buried Wire**626-5 Standard Connectorized Cable****626-7 Cable Characteristics, Physical****626-8 Nonstandard-Limited Availability (NS-LA) Cables****626-W WIPS (Workcenter Information Packages)**

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626-020-006	1	Cable Conductors
626-020-007	1	Metallic Shields and Sheaths — Resistance
626-020-009	1	PIC- and Pulp-Insulated Exchange Cable — Shipping Procedures — General
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626-020-050	1	Provision of End Seals, End Caps, Pulling Eyes, Bond Wires; Air Pressure, and Reel Protection
626-020-101	3	Empty Reels — Loading Arrangements
626-020-200	3	Removing and Placing Lags on Cable Reels — Bundling Lags and Associated Reel Accessories

626-021 Service Wire — Reels of Wire

626-021-101	1	Large Capacity Reels of Wire — Handling Methods
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626-030 Cable Packaging and Shipping

626-030-005	1	Cable Shipping Reels — Description, Dimensions, and Weights
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626-099 Customer Information Release (CIR)

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626-100-053	2	DUCTIPIC CABLE — Foam-Skin Plastic Insulated Telephone Cable — Bonded STALPETH Sheath
626-100-054	2	Fire Resistant Cable for Building Riser — Specification EXC-011 (12-93)
626-100-055	1	AT&T Filled Plastic Insulated Cable Bonded ASP Sheath — Specification EXC-019
626-100-056	2	Filled Plastic Insulated Telephone Cable — Self Supporting Sheath (12-93)
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626-101-015	3	Waterproof CGAW Plastic-Insulated Conductor (PIC) — High-Dielectric Strength Cables — Description, Use, and Reel Lengths
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626-105-008	2	ICOT (MLM and MCM) T1/T1C Carrier Cables — Description, Use, and Reel Lengths
626-107 Miscellaneous Cables		
626-107-005	2	PE-PVC Insulated Terminating Cables — 22- and 24-Gauge
626-107-006	3	AR-Series Riser Cables — Description, Use, and Reel Lengths
626-108 Lightguide Cables		
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626-108-101	4	Ribbon-Type Multimode Lightguide Cables — Description, Use, and Reel Lengths Information — Underground, Aerial, and Buried Plant and Risers in Buildings
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626-200 Cable Sizes and Reel Lengths			626-759-040	1	Cable Diameters and Weights
626-200-114	4	PIC Cables — CA-1727 Type	626-759-050	1	Cable Reels — Capacity of Land and Wire-Armored (Submarine) Cable Reels
626-200-135	3	CCTV Coaxial Cable	Standard Exchange Cables		
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626-200-136	2	SS (Serrated Seam) 0.375-Inch Coaxial Cables	626-759-130	2	Standard Nonquadded Composite
626-200-137	1	Video Pair Cables	626-759-131	1	Superseded Nonquadded Composite
626-200-138	1	Nonquadded Composite Exchange Cables	626-759-152	2	PIC — 19-Gauge 0.066uF — Type CA-1727
626-200-400	1	Filled Bonded ASP Cable	626-759-157	2	Polyethylene-Insulated Conductor (Air Core) Cable — 17-Gauge 83nF-Type AHC
626-200-500	2	DUCTPIC® Cable Product Application Bulletin (4-92)	626-759-158	2	Polyethylene-Insulated Conductor (Air Core) Cable — 20-Gauge 83nF-Type AHD
626-3 Aerial and Buried Wire			626-759-171	2	Superseded Textile- and Plastic-Insulated Terminating and Riser
626-300-100	6	Description	626-759-190	3	Standard Video Pair
626-300-126	6	Aerial Service Wire Metallic — Signal and Multiple Pair — Description	626-759-191	1	Replacement Video Pair
626-300-127	1	Fiberglass Reinforced Aerial Service Wires	626-759-192	1	Superseded Video Pair
626-5 Standard Connectorized Cable			626-759-195	1	Standard Stub
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626-500-115	3	90-Type Cabinets — Coding Scheme and Ordering Information (2-94)	Coaxial Cables for TV Service — CATV and CCTV		
626-500-125	6	40- and 42-Type Cabinet Coding	626-759-201	3	Disc-Insulated
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626-759-005	2	Index of Cable CA-Drawing	626-759-250	2	Exchange Type
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626-759-020	1	Lead Sheaths	626-759-300	4	Quadded Toll Cable — General
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626-759-025	3	Outer Protection — Buried, Underground, and Aerial — Description and Use	626-759-301	2	Standard Quadded Cables
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626-759-350	3	Standard SS (Serrated Seam) Coaxial Toll Cables
626-759-351	1	Replacement SS (Serrated Seam) Coaxial (0.375-Inch)
626-759-352	1	Superseded SS (Serrated Seam) 0.270- and 0.375-Inch — Coaxial Toll Cables

Superseded Exchange Cables

626-759-400	1	Superseded Exchange Cables
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626-759-408	1	19-Gauge Cable — Type ANB
626-759-409	2	19-Gauge Cable — Type DNB
626-759-410	2	19-Gauge Cable — Type GNB
626-759-415	2	19-Gauge Cable — Type CBN
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626-759-417	2	19-Gauge Cable — Type FNB
626-759-425	2	22-Gauge Cable — Type BSA
626-759-426	2	22-Gauge Cable — Type CSA
626-759-427	2	22-Gauge Cable — Type DSA
626-759-428	2	22-Gauge Cable — Type ESA
626-759-429	2	Service Cables
626-759-440	2	24-Gauge Cable — Type ASM
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626-759-443	2	24-Gauge Cable — Type DSM
626-759-444	1	24-Gauge Cable — Type ESM
626-759-445	1	24-Gauge Cable — Type FSM
626-759-460	2	26-Gauge Cable — Type AST
626-759-461	2	26-Gauge Cable — Type BST
626-759-462	1	26-Gauge Cable — Type CST
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626-759-491	1	Superseded Plastic-Insulated Conductor (Air Core) PIC — Cable 19-Gauge

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626-759-493	1	Superseded Plastic-Insulated Conductor (Air Core) PIC — Cable 22-Gauge
626-759-494	1	Superseded Plastic-Insulated Conductor (Air Core) PIC — Cable 24-Gauge
626-759-495	1	Superseded Plastic-Insulated Conductor (Air Core) PIC — Cable 26-Gauge
626-759-496	1	Superseded Plastic-Insulated Conductor (Air Core) PIC — Cable Self-Supporting Type

626-8 Nonstandard-Limited Availability (NS-LA) Cables

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626-800-095	1	Screened, Air Core, and Waterproof Plastic-Insulation Conductor Cable — Description, Use, and Reel Lengths — Nonstandard/Limited Availability (NS/LA)

626-WIP Workcenter Information Packages

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- 330 Lashed Aerial Cable — Terminating Lashing Wire
- 340 Lashed Aerial Cable — Arrangement of Supports
- 350 Prelashing Cable
- 360 Aerial Cable — Mechanical Protection
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627-220-202	3	Suspension Strand Attachments — Cable Extension Arms (2-93)
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628-200-210	1	Underground Coaxial Cable Placing
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628-240 Underground Cable — Removing

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628-240-242	3	High Production Method
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629-200-206	4	Guidelines for Placing
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629-240-001	1	Plowing Guidelines for Placing Lightguide Cable
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Addendum	1	
629-250-201	3	Wrapping Lead Sheath Cable

629-7 Buried Wire**629-720 Buried Wire — Terminating**

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629-760 Buried Wire-Splicing

629-760-215	1	Installation of 179A1 Coil Case
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629-795 Buried Wire Maintenance

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630-200-200	2	Placing — General
630-200-205	1	Placing from a Barge
630-200-211	1	Placing From a Boat
630-200-215	1	Pulling Across Waterway
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630-3 Splicing

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630-300-010	1	Splice Case Method
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630-300-100	1	Installation and Splicing — Load Coils in Submarine Cable

630-8 Maintenance

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630-020 General Information

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- 020 Cable Terminals — General
- 040 Marking Terminals
- 050 Connecting Blocks, Terminal Blocks, and Connectors

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- 215 Closure Type
- 240 49-Type Terminals
- 250 104- and 105-Type Terminals

631-3 Outside Cross-Connecting Terminals, Cabinets, and Interfaces

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- 310 29-Type Cabinets
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631-6 Buried and Underground Terminals, Closures, and Interfaces

- 600 Terminals, Closures, and Interfaces — Buried Plant
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* Scotchlok is a registered trademark of Minnesota Mining and Manufacturing Company

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633-040 Sheath Openings, Temporary Protection

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633-501-102	1	(UCB1-STH/P) — Description and Use	633-WIP-007	1	62A1-Ages Closure — Installation (slide/audio)
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633-506-201	5	Type 2 — Description and Installation	633-WIP-018	1	Central Strength Member (CSM) Cable for Use in 2600 LG/SC1 Closure (full action video)
633-506-205	3	Types 50 and 51 — Description and Installation	633-WIP-019	1	2600 LG/SC1 Closure — Installation (full action video)
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634-200-501	4	76C Test Set — Description and Maintenance and Establishing Talk and/or Calling Circuit
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634-210-512	1	99-Type Connector — Description and Use

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■ 634-220-502AC	3/93	Locating Underground Facilities Using the Radiodetection Line Management System (RDLMS)(3-93)
634-220-505	2	B Ground Probe (AT-8681) — Description and Use
■ 634-220-601AC	1	Aerial Patrol Procedures (10-92)
■ 634-220-602AC	1	Tools and Test Sets — Description (10-92)
■ 634-220-605AC	1	Blasting Around AT&T Facilities (10-92)
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634-3 Fault Location, Transfers, and Section Replacement		
634-300 Defective Pairs — Detection		
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634-305-502	1	KS-14103 L6 Test Set (Breakdown) — Description, Use, and Maintenance
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634-305-510	2	Locating Open Faults — Using the Delcon* 4910-Type Open Fault Locators
634-305-511	2	Locating Faults in Long or Loaded Cables by the Exploring Method
634-305-512	1	Locating Faults With the 78A and 95A Test Sets

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634-305-514	1	Locating Faults Using the Dynatel* 710A Test Set — Description and Use
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634-310 Fault Location — Wheatstone Bridge		
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* Dynatel is a registered trademark of Minnesota Mining and Manufacturing Company

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634-400-506	1	Localized Balancing for Reduction of Crosstalk in 4-Wire Cable Circuits
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634-405 Transmission Tests — Picturephone

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634-414 Transmission Test Set Coaxial Cable

634-414-201	2	T4M Digital Line — J98721G Transmission Test Set Use
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634-420 WIP (Workcenter Information Package)

634-420-001	1	Data and Electronic Wire and Cable Transmission Design Principles (full action Video)
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Division 635**Electrolysis — Outside Plant****635-0 Indexes and General Information****635-2 Placing****-200 Electrolysis Drainage Wire Construction****-210 Electrolysis Switches****635-3 Repair****-300 Electrolysis Testing**

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635-200-200	1	Attachments to Poles
635-200-201	1	Stringing Wire
635-200-202	1	Splicing
635-200-203	1	Installation of Protective Equipment
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635-210 Electrolysis Switches

635-210-200	1	Placing KS-14385 Electrolysis Switch
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635-300-012	1	Tables and Formulas
635-300-100	1	Instruments and Apparatus
635-300-102	1	M3A1 and B3A1 Miller Meters
635-300-105	1	KS-14416 Test Set
635-300-505	1	Initial Tests — New Installations
635-300-508	1	Corrosion Testing — Underground Cable and Associated Protection Systems
635-300-511	1	Routine Underground — Preparation
635-300-515	1	Routine Underground — Measurements and Inspections
635-300-520	1	Test Points on Buried Cable
635-300-525	1	Routine — Buried

Division 636**Main Frame Terminations and Connectors****636-0 Indexes and General Information****-000 Indexes****-099 CIRs (Customer Information Releases)****636-2 Main Frames****-200 Marking****-205 Grounding Connections****-210 Terminating****-211 CRF (Cable Rearrangement Facility)****-250 EMP Terminations****-299 Lightguide Cross-Connect, Interconnection, and Terminating****636-3 300, 301, 302, 303, 305, 307, 308, 309, 310, and 311-Type Connectors****636-W Workcenter Information Packages (WIPs)**

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636-200-203	1	Marking Main Frames, 198 Type Terminal Strips

636-205 Grounding Connections**636-210 Terminating**

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■ 636-210-213AC	A	Forms for Toll Cables

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636-210-216	1	Terminating Cables on Repeater Bays — J99321
636-210-217	1	Terminating Cable — N and ON Carrier — J99323 Type Line Build-Out Bays
636-210-218	2	Cross-Connect Cabinet — N and ON Carrier
636-210-219	3	136A2A-52 Protector — Description

636-211 CRF (Cable Rearrangement Facility)

636-211-101	2	Description, Installation, and Splicing
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636-250 EMP Terminations

636-250-101	2	32A1 Cabinet — Description and Installation
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636-299 Lightguide Cross-Connect, Interconnection, and Terminating

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636-299-102	1	LGX® (Lightguide Cross-Connect) Frame — Description and Installation
636-299-103	1	LGX Lightguide Distributing Shelves — Description and Installation
■ 636-299-103AC	1	Terminating and Interconnecting Facilities (10-92)
636-299-104	1	LGX Lightguide Distributing System — Description and Installation
636-299-105	2	Lightguide Stranded Cable Interconnection Cabinets — Description and Terminating — Outside Plant Cables
636-299-106	3	Lightguide Premises Distribution System — Interconnection/Cross-Connection Apparatus — Description and Installation
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636-299-116	1	LGX Jumper Administration Card	636-WIP-002	1	Interconnection Cabinets for Lightguide Ribbon Cable (slide/audio)
636-299-120	2	LGX Distribution System— Planning, Engineering, Installation, and Operation— System Reference Guide (1-93)	636-WIP-003	1	Lightguide Interconnection Cabinets for Stranded Unit, Lightpack®, and Unconnectorized Ribbon Cables (slide/audio)
636-299-130	1	Fiber Protection System User's Guide	636-WIP-004	1	Lightguide Systems Inter/Cross-Connection Apparatus (slide/audio)
636-3 300, 301, 302, 303, 305, 307, 308, 309, 310 and 311-Type Connectors			636-WIP-006	1	LGX Distribution System — Assembly
636-300-050	6	Plug-In Protector Units (3-, 4-, 5- and 7-Type)			
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636-310-100	3	301-Type — Description, Installation and Marking			
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637-025-010	1	Precautions
637-026-101	2	Controlled Flow Pressurization System — Description— Lightguide Cable

637-050 Pipe Systems

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637-080 Toll Cable — Pressure Transducer Systems

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637-210/222 Pressure Monitoring Devices

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637-225 Air Flow Monitors			637-301-300	1	Continuous Feed Pressure Systems — B and C Air Dryers — Maintenance and Replacement Parts
637-225-050	1	Superseded Meter-Panels	637-301-301	2	Continuous Feed Pressure Systems — D Air Dryer — Maintenance and Replacement Parts
637-225-105	4	Gas Meters and Air Rate Indicators — Description	637-302-701	1	E Air Dryer — AT-8670 — Description and Installation
637-225-201	2	C and D Meter-Panels — Description, Use, and Installation	637-302-801	1	E Air Dryer — AT-8670 — Maintenance and Replacement Parts
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637-225-215	1	Cable Pressure Monitoring System (CPMS) — B Airflow Transducer (AT-8720)	637-305-303	4	Buffering
637-235 Valves, Flanges and Ells			637-400 Correction of Pressure Measurements		
637-235-100	3	Valves, Tubings, and Fittings — Description, Installation, and Arrangements	637-400-504	1	Correction of Pressure Measurements
637-235-201	6	Flanges and Screw Plugs for Lead or Plastic-Sheathed Cable — Description and Installation	637-410/420 Leak Location Methods		
637-241 Pressure Plugs			637-410-011	2	General
637-241-011	10	Closure-Injection Method	Addendum	1	
637-243 Pressure Plugs, Prefabricated			637-410-504	1	Gradient Method of Approximate Leak Location
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637-600-101	2	Expanded (CPMS) — Central Computer Operations
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637-600-351	1	Expanded — Management Reports — Description and Utilization
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Division 638

Electrical Protection and Bonding

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638-6 Protection System

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638-W WIPs		
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638-WIP-001	1	Blocking, Grounding, and Buffer- ing OSP Cable Fibers for Direct Termination (slide/audio)

Division 639

Outside Plant Concentrators

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639-2 Gfeller Line Concentrator		
639-200-200	2	Installation of Outdoor Unit
639-3 Line Concentrator No. 1A		
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* Gfeller is a registered trademark of Gfeller AG

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640-020 Carrier Apparatus

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640-020-206	1	Placing — 460- and 470-Type Apparatus Cases — Aerial and Underground
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* FIND-R-SCOPE is a registered trademark of FJW Industries

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640-250-203	1	Remote Repeater Power Feed Terminal (J87397A and J87397B) Placing and Wiring	640-250-237	4	51A Remote Terminal Cabinet (ED-7C601-30) Placement — SLC Series 5 Carrier System (9-93)
640-250-204	1	468-Type Apparatus Cases — Description, Splicing, and Maintenance	640-250-238	2	51A Cabinet (Groups 3 and 4) — Splicing and Equipment Installation — SLC Series 5 Carrier System (7-93)
640-250-206	3	478-Type Apparatus Case — Description, Installation, and Maintenance	640-250-239	3	51A Cabinet With DDM-2000 and DDM-PLUS— Splicing and Equipment Installation (8-93)
SLC® 8 Carrier System			640-250-240	2	60A Remote Terminal Cabinet — Placement — SLC 24 Carrier System
640-250-212	2	Remote Terminals and Repeaters — Installation	640-250-246	1	EEE, CEV, and Mini-Hut Expanding Outcounts Using (SLC) Series 5 Carrier System
640-250-213	1	231A Remote Power Feed Terminal — Description and Installation	640-250-247	2	SLC Series 5 Dual Channel Banks (Metallic) — Field Installation Into 80-Type Cabinets — Precabled for SLC Series 5 Carrier System
SLC® 40 Carrier System			640-250-248	1	Precabled Structures Using Bulk Protection — Remote Terminal Splicing (Metallic) — SLC Series 5 Carrier System
640-250-215	4	33B and 33C Remote Terminal Cabinets — Placement	640-250-250	2	Precabled Structures Using Bulk Power and Protection — Splicing and Cabling Arrangements (Metallic and Fiber)
640-250-216	4	Digital Line Construction	640-250-251	1	24-foot Platform (ED-7C632-30) Arranged for SLC Series Carrier System — (Distributed Power and Metallic Feeder) Distribution and Operation
SLC 96 Carrier System and Series 5			640-250-252	2	80D Cabinet (Fiber) — Description, Installation, and Splicing — SLC Series 5 Carrier System
640-250-217	1	Mini-Hut-Installation of Frames, Hardware, and Connectors	640-250-253	1	AT-9049 Type Protector and Cable Enclosure — Description and Installation
640-250-218	2	Precabled Structures Using Non-bulk Protection — Remote Terminal Splicing	640-250-254	1	80E Cabinet (Fiber) — Group 88 — Description, Installation, and Splicing SLC® Series 5 Carrier System and SXSS Repeater Shelf
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640-250-219	2	AT-8908M Remote Terminal Cabinet — Placement and Splicing			
640-250-220	3	36A, 36B, or 36C Remote Terminal Cabinet — Placement			
640-250-221	2	Remote Power Feed Terminal (RPFT) — Installation and Wiring of Shelves			
640-250-222	2	B Equipment Platform (Metallic and Fiber Systems) — Description			
640-250-223	3	80-Type Cabinet Remote Terminal — Installation and Splicing (Metallic Systems)			
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640-250-256	2	80E Cabinet (Fiber) — Group 70, 71, 90, and 91 — Description, Installation, and Splicing — SLC Series 5	640-250-273	2	80A (Bulk Power) Cabinet (Fiber: Group 490) Splicing and Equipment Installation (Combined SLC Series 5 and SLC-2000) (10-92)
640-250-257	4	80E-BP Bulk Power Cabinet (Fiber: Group 90) — Splicing and Equipment Installation (5-93)	640-250-275	1	35A Cabinet — Description and Installation
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640-250-262	2	80E-BP (Bulk Power) Cabinet (Group 13)— Splicing and Equipment Installation	640-250-279	3	80D-BP (Bulk Power) Cabinet (Fiber: Group 90) — Splicing and Equipment Installation (7-93)
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640-250-264	1	80D Cabinet (Fiber) — Groups 29, 47, and 48 — Description, Installation, and Splicing — SLC Series 5 Carrier System and DS1 Extension Shelf	640-250-281	1	90A Cabinet Business Remote Terminal (BRT) Equipped with DDM-2000 OC-3 — Description, Installation, and Splicing (11-93)
640-250-265	2	80D-BP (Bulk Power) Cabinet (Fiber: Group 190) — DDM-2000 OC-3, DDM-2000 OC-12, and DDM-PLUS — Splicing and Equipment Installation (7-93)	640-250-282	1	90A Cabinet Business Remote Terminal (BRT) — Description, Installation, and Splicing (7-92)
640-250-270	1	90A Cabinet — Business Remote Terminal (BRT) — Description, Installation, and Splicing — SLC Series 5 Carrier System	640-250-283	1	90A Cabinet Business Remote Terminal (BRT) Equipped with Optimux/Combimux — Description, Installation, and Splicing — SLC 240 Network Access System (11-93)
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640-252-041	1	ST® Multimode Lightguide Connectors — Description and Installation
640-252-042	2	F-61834 Optical Talkset (OTS) — Description and Operation
640-252-044	2	Assembly Instruction for ST® II Lightguide Cable Connectors Single-Mode and Multimode
640-252-046	3	Assembly Instruction for the AT&T CSL LightSplice™ System
640-252-095	1	General Sequence of Outside Plant Design, Construction, and Testing
640-252-097	3	Completion Test Procedures — Lightguide Media Transmission
640-252-098	1	Completion Test Procedures — Single Mode Lightguide Media Transmission with Smolts
640-252-099	1	Completion Test Procedures — Single Mode Lightguide Media Transmission with Source and Power Meter
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640-252-107	1	190A Optical Loss Test Set (OLTS) — Description, Use, and Maintenance
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640-252-115	1	KS-22732, L1 Optical Time Domain Reflectometer (OTDR) — Description and Operation
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640-252-119	1	KS-23171, L1/L2 Multimode Optical Loss Test Set (Molts) — Description and Use
■ 640-252-120AC	1	AT&T-NSD OSP Fiber Signature (10-92)
■ 640-252-121AC	1	Outside Plant — Splicing and Testing Overview (10-92)
■ 640-252-122AC	1	Outside Plant Loss Measurements for WDM Turn-up (1310 nms and 1550 nms)
640-252-125	1	LGA 2 Lightguide Cable Splicing and Splice Testing
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■ 640-252-131AC	1	Miller Fiber Optics Stripping Kit (3-93)
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640-252-175	1	Single Mode Lightguide Cable — Bonded Splicing
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640-252-180	1	F-61933 SMOTDR (Single-Mode Optical Time Domain Reflectometer) — Description and Operation
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640-252-310	1	Concrete Hut (ED-7C285-30) — Splicing (Metallic and Fiber) — Combined SLC 96 and SLC Series 5 Carrier Systems
640-252-311	1	C Equipment Platform (ED-97973-31) — Splicing (Metallic and Fiber) — Combined SLC 96 and SLC Series 5 Carrier Systems
640-252-312	2	80-Type Cabinet — Description, Installation, and Splicing — Combined SLC 96 and SLC Series 5 Carrier Systems
640-252-313	2	Instruction Manual — 80C Remote Terminal Cabinet — Group 10 to Group 60 Conversion

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640-300-202	1	Outdoor Carrier Cabinets, Installation of Snow Shield
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640-300-205	2	N2-Repeater Cabinets (J99321) — Description and Splicing of Stub Cables
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640-300-210	1	240-Type Amplifier — 469A and 469B Apparatus Cases — Splicing and Maintenance

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640-400 Carrier Apparatus, Type L					
640-400-095	1	L4/L5 Carrier — General Description	640-525-307	5	818-/819-Type Repeater Cases — Description, Installation, Splicing, and Maintenance — T1, T1C, T1D, T1G, and T1/OS Carrier Systems
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640-525-108	1	475F2, 475G2, and 475G2F Apparatus Cases — Description and Installation	640-527 T1C Systems		
Addendum	1		640-527-107	3	479-Type Apparatus Case — Description, Installation, Splicing, and Maintenance
640-525-210	1	466- and 468-Type Apparatus Cases — Splicing and Maintenance	640-527-211	3	479-Type Apparatus Case — Splicing and Maintenance
Addendum	1		640-527-220	3	J98725AA Test Set — T1, T1/OS (T1 Out- State), T1C, T1D, T1G — SLC 40 and SLC 96 Carrier Systems — Pair Loss Measurements
640-525-211	5	475-Type Apparatus Case — Splicing and Maintenance	640-527-225	1	J98725AB Test Set — T1C, T1, T1/OS Bipolar — Violation Detector — Use
640-525-212	4	475G2, 475J, and 475K Apparatus Cases — Description, Installation, Splicing and Maintenance			
Addendum	1				
640-525-220	2	Pair Loss Measurements Using 113A and/or 113B Tests Sets — Digital Transmission Systems	640-530 T2 Systems		
640-525-225	3	T1 Line Error — Detector — Use	640-530-106	4	473-Type Apparatus Cases — Description and Maintenance
640-525-226	2	KS-22423 T1D Test Set — (Manhole Violation Detector) — Description, Use, and Maintenance — T1D System	640-530-107	2	477C1 Apparatus Case — Description and Maintenance

Number	Issue	Subject	Number	Issue	Subject
640-530-210	3	473A4, 473B4, and 477C1 Apparatus Cases — Splicing	Ⓐ640-WIP-003	1	MOLTS (Multimode Optical Loss Test Set) — Operation (slide/audio)
640-530-215	3	Plug-In Equipment — Installation and Replacement — T2 System	Ⓐ640-WIP-004	1	Fusion Splicer KS-22907-L1 — Operation (slide/audio)
640-530-220	1	Pair Measurements in Repeater Sections	Ⓐ640-WIP-005	1	Multimode Bandwidth Test Sets — Operation (slide/audio)
640-530-230	3	Manhole Layout — Equipping T2 Carrier System	Ⓐ640-WIP-006	1	SMOLTS (Single-Mode Optical Loss Test Set) — Operation (slide/audio)
640-540 T4 Systems			Ⓐ640-WIP-007	1	F-61838 — Optical Talkset (slide/audio)
640-540-101	1	T4M Digital Line — General Sequence of Outside Plant Construction and Testing	Ⓐ640-WIP-008	1	KS-22732-L1A OTDR (Optical Time Domain Reflectometer) (slide/audio)
640-540-106	1	471M1 Apparatus Case — Description and Maintenance	Ⓐ640-WIP-009	1	Anritsu* MW 98A Single-Mode OTDR (slide/audio)
640-540-107	1	472H1 Apparatus Case — Description and Maintenance	Ⓐ640-WIP-010	1	ST® Connector — Installation (full action video)
640-540-150	1	T4M Digital Line — Plug-In Equipment at Repeated Stations — Installation and Replacement	Ⓐ640-WIP-011	3	CSL LIGHTSPLICE™ System — Installation (full action video) (4-92)
640-540-230	2	T4M Digital Line — Manhole Layout and Equipping	Ⓐ640-WIP-012	1	Rotary Mechanical Splice (full action video)
640-540-401	2	T4M Coaxial Cable — Tests and Requirements	Ⓐ640-WIP-013	1	1005B Connector (slide/audio)
640-6 Broadband Systems			Ⓐ640-WIP-014	1	1006- and 1016-Type Biconic Connector — Installation (full action video)
640-630/635 Broadband Apparatus			Ⓐ640-WIP-015	1	R/L Sheath Lightguide Cable Preparation (full action video)
Addendum	1		Ⓐ640-WIP-016	1	LXE Sheath Lightguide Cable Preparation (full action video) 640-WIP-017
640-630-106	1	KS-20159 and KS-16831 Amplifiers — 467A, 467B, 467C, and 467D Apparatus Cases — Description	Ⓐ640-WIP-017	1	Crossply Sheath Lightguide Cable Preparation (full action video)
640-635-106	1	Wideband Loop Repeaters — 470A Type Apparatus Case — Description and Splicing	Ⓐ640-WIP-018	1	General Trade Lightguide Cable Preparation (full action video)
640-640 Picturephone Equalizers			Ⓐ640-WIP-019	1	Non-Metallic Sheath Lightguide Cable Preparation (full action video)
640-640-100	1	Apparatus Case — Description	Ⓐ640-WIP-025	1	4000 Series Polishing Machine Operation (1/2-inch VHS) (4-92)
640-640-106	1	471J-Type Apparatus Case — Description and Splicing	Ⓐ640-WIP-030	1	AT&T C12 LIGHTSPLICE INSTRUCTIONS (1/2-inch VHS) (4-92)
640-640-200	1	Apparatus Case — Splicing and Maintenance	Ⓐ640-WIP-031	1	SC Fiber Optic Connector— Installation (full action video)(5-93)
640-WIP Workcenter Information Packages					
Ⓐ640-WIP-001	1	841B and 841C Repeater Cases — Installation (slide/audio)	* Anritsu is a registered trademark of Anritsu Kabushiki Kaisha		

Division 643**Coil and Capacitor Cases and Apparatus Cases for Inductors and Filters****643-0 Indexes and General Information****643-2 Coil Cases****643-3 Apparatus Cases****643-4 Build-Out Cases****643-6 Installation****643-7 Splicing**

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643-0 Indexes and General Information**643-000 Indexes**

643-000-000	39	Numerical Index — Division 643 — Coil and Capacitor Cases and Apparatus Cases for Inductors and Filters
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643-020 General

643-020-011	6	Electrical Characteristics of Standard Load Coils
643-020-021	3	Characteristics of Superseded Load Coils and Load Coil Cases

643-2 Coil Cases**643-200 Exchange Coil Cases**

643-200-101	6	Standard Exchange
643-200-140	3	Superseded Exchange — Coil Cases

643-250 Program Coil Cases

643-250-101	3	Standard Program Load
643-250-140	3	Superseded Program — Load Coil Cases

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643-260 Toll Coil Cases

643-260-101	3	Containing MF and MFA Units
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643-270 Carrier Coil Cases

643-270-101	3	Load Coil Cases for B, C, and J Carrier Systems
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643-3 Apparatus Cases

643-300-101	2	Current Apparatus Case and Closure Data
643-300-105	2	416-Type — For 1574-Type Inductors — Description
643-300-140	2	Superseded Apparatus Case Data

643-4 Build-Out Cases

643-400-105	1	List 720 and List 730 (AT-8740) — Description
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643-6 Installation**643-600 Installation — Aerial**

643-600-201	5	Load Coil and Build-Out Cases
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643-640 Installation — In Splices

643-640-201	1	Splice-Type Coil Cases
643-640-202	2	710-Type Coil Case — In-Splice Loading
643-640-211	1	B and C Capacitor Cases — Mounting and Installation

643-650 Installation in Cable Vaults

643-650-201	1	416-Type Apparatus Cases
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643-7 Splicing

643-700-201	4	Splicing 700-Type Load Coil Cases to Exchange Cable
643-700-205	3	1574-Type Inductors
643-700-210	1	List 720 and List 730 Build-Out Cases and B and C Capacitors

Division 644**Upkeep****644-0 Index and General Information****644-1 Locating****644-2 Cable and Associated Items****644-3 Structures****644-W WIPs (Workcenter Information Packages)**

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644-0 Index and General Information		
644-000-000	40	Numerical Index — Division 644 — Upkeep (5-95)
644-1 Locating		
644-104-090	1	Fault Locating — Outside Plant
644-104-100	1	Toning in a Noisy Environment
644-104-101	1	Buried PIC Cable — Prerehabilitation Testing
644-104-102	1	Buried PIC Cable — Fault Locating
644-2 Cable and Associated Items		
644-200-005	3	E Sheath Repair Sleeving (AT-8743) — Description and Installation
644-200-010	1	Cable Vents — Description and Installation
644-200-030	3	Restoring Wet PIC Cable Using Air Drying
644-200-031	2	Sheath Defects and Minor Core Damage— Repairing—Lead and Plastic Sheathed Cable
Addendum	2	
644-200-032	3	Reconstruction of Buried Distribution Plant
644-200-033	2	C Reclamation Compound Reclaiming Wet Buried PIC Cable
644-200-035	1	M-, 33-, 35-, 36-, 37-, and 231-Type Cabinets — Repair and Replacement Parts

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644-200-040	1	Toll Cable Restoration — General
644-200-041	1	Coaxial Cable — Restoration Hardware — Description
644-200-042	1	Coaxial Cable Restoration Procedures
644-200-043	1	Repairing 0.375-Inch Coaxials
644-200-044	1	T4M Outside Plant — Fault Locating and Cable Restoration Procedures
▲644-200-060	1	170A Test Set
644-200-072	1	N-Type Cable Terminals — 10N Cover — Replacing Plastic Housing
644-200-079	1	Repair and Replacement of 88-Type Connecting Block With 108-Type Connecting Blocks
Addendum	1	
644-200-101	1	Cable Splicing — General — Drying Wet Cable — Sections and Splices
644-201-101	1	Maintenance System for Air Core Polyethylene-Insulated Conductor (PIC) Cable in Underground Plant
644-201-105	1	1A Sensor — Description and Installation
644-202-075	1	G Bypass Valve — Description and Installation
644-202-101	2	Lightguide Cable — Repair
644-202-102	2	Field Fabrication of an Array Using the 1023B Tool Kit
644-202-202	1	Lightguide Cable — Restoration
■ 644-202-203	2	Optimal Restoration Handbook for Lightguide Cable
644-203-101	1	Aerial Plant Rehabilitation — Rebuilding Terminals and Closures
644-203-102	1	Rehabilitating Aerial Plant
644-203-151	1	40- and 42-Type Cabinets — Reconfiguration
644-203-152	1	40-Type Cabinets Rehabilitation (12-94)
644-3 Structures		
Addendum	1	
644-300-010	1	Gas Detection and Alarm System — Description, Installation, and Operation

Number	Issue	Subject
644-300-020	1	Steam Early Warning System — Description, Installation, and Operation

644-W WIPs (Workcenter Information Packages)**644-WIP Workcenter Information Packages**

644-WIP-001	1	Damaged PIC Insulation — Recognition and Treatment (slide/audio)
644-WIP-002	1	Replacing N-Type Terminal Housing (slide/audio)
644-WIP-003	1	Rapid Ribbon Splice (full action video)
644-WIP-004	1	2200 Series Closure — Reentry (slide/audio)
644-WIP-006	1	40-Type Cabinet — Replace- ment Procedures (slide/audio)
644-WIP-007	1	Retrofitting the 100A Lightguide Interconnection Unit (slide/audio)
644-WIP-008	1	101A4 Closure — Installation (full action video)
644-WIP-009	1	Retrofitting Service Wire Clo- sures Using 400 NIU
644-WIP-026	1	40-Type Cabinet — Rehabilita- tion (Video) (4-95)

Division 649**Outside Plant Construction Equipment****649-0 Indexes, Construction Equipment, and General****-000 Indexes****-020 Construction Equipment — General****-030 Construction Equipment — Motorized****-040 Construction Equipment for Motor Vehicles — General****649-2 Load Handlers****-210 Trailers, Dollys and Accessories****-215 Power Lifting Equipment****649-3 Power Driver Tools****-300 Pole Derricks****-305 Winches****-310 Wire Rope****-315 Power Reels****-320/329 Duct Rodder****-350 Power Lifts****-351/352 Aerial Lift Trucks****-360 Earth — Boring Machines****649-4 Pipe Pushers and Electrified Vehicle****-420 Pipe Pushing Equipment****-480 Electrified Vehicle****649-5 Engines, Blowers, Heaters, Generators, Pumps, Saws, Air Compressors/Tools****-500 Portable Engines****-510 Blowers and Heaters****-520 Portable Generators****-530 Portable Pumps and Saws****-540 Air Compressor and Tools**

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649-000 Index

649-000-000	68	Numerical Index — Division 649 — Construction Equipment — Outside Plant (5-95)
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Number	Issue	Subject
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649-020 Construction Equipment — General

649-020-100	2	SL Connecting Pins — Description
649-020-105	2	L Connecting Pins
649-020-111	2	Ordering Repair Parts
649-020-113	2	Hydraulic Pole Pullers and Pole Butt Pullers — Description and Operation
649-020-150	1	15 Ton Pole Jack

649-030 Construction Equipment — Motorized**Cable Plows**

■ 649-030-100	1	Drop Plow — Operation and Maintenance (8-94)
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Backhoes

■ 649-030-200	1	Loader/Backhoe — Operation and Maintenance (8-94)
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Street Cleaning Equipment

■ 649-030-300	1	Sweeper — Operation and Maintenance (2-95)
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Street Construction Equipment

■ 649-030-400	1	Asphalt Maintainer — Operation and Maintenance (1-95)
■ 649-030-410	1	Motorized Single-Drum Roller, Operation and Maintenance (1-95)

649-040 Construction Equipment for Motor Vehicles — General

649-040-100	3	Electric Brake Control — Description
649-040-105	3	Hydraulic Brake Locks — Description and Operation
649-040-111	1	Truck Cab Control Lever, Identification by Color Code Operation
649-040-115	5	Insulated Water Cask — Description and Care
649-040-200	3	Wheel Chocks — Use and Maintenance

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649-2 Load Handlers			649-300-021	2	Corner Mounted Rotating Der- ricks Equipped With Hydraulic Digger — Description and Operation — General
649-210 Trailers, Dollys and Accessories			649-300-101	1	Middle Type
649-210-100	2	Pole Trailers — General	649-300-105	1	T Type
649-210-101	3	Pole Trailers — Associated Equipment	649-300-107	1	LTF Pole Derrick
649-210-105	2	Towing Hooks	649-300-111	1	PM Frame
649-210-111	1	Cable Reel Trailers	649-300-115	1	Earth-Boring Machine Type
649-210-112	1	HWSC Trailer	649-300-120	1	Gas Cylinder Derrick — Descrip- tion and Use
649-210-115	1	WSC Trailer	649-300-125	1	HP-40, HP-45 Pole Derricks
649-210-116	1	"TRUCO" Cable Reel Trailer — Description and Use	649-300-135	1	HP-45, FHP-35, FHP-40 Pole Derricks
649-210-120	1	R Cable Reel Brake	649-300-140	1	D Underground Cable Puller
649-210-121	1	B Cable Reel Brake	649-305 Winches		
649-210-122	1	AT-8413 Cable Reel Brake — Description and Operation	649-305-100	2	Winches and Power Take-Offs — Description, General
649-210-125	1	TF Cable Guide	649-305-101	2	B Sheave Guard — Description and Use
649-210-130	1	E Cable Lasher, Installation	649-305-102	2	AT-8003 and AT-8029 (CD) Winch — AT-8111 Winch Hy- draulic Drive — Description and Operation
649-210-131	1	Multispindle Trailers, GARCO Model GTMR-21-3 — Descrip- tion and Operation	649-305-103	2	AT-8467 (LCD) Winches — Description and Operation
649-210-132	3	Cable Removal Unit — Hogg- Davis — Description and Opera- tion	649-305-105	1	Auxiliary Hydraulic Winch Drive
649-210-133	1	AT-8490 Cable Take-up Drive — Description and Use	649-305-111	2	Power Winches, Single-Drum — Description and Use
649-210-134	1	Handling and Transporting — Large Hand Cable Reels	649-305-115	2	Power Winches, Double-Drum
649-210-135	1	MCV Mobile Cable Salvaging Vehicle — Description and Operation	649-305-120	1	Earth Boring Machine Winches
649-210-305	1	Construction Equipment Trailers	649-305-125	2	CH Winch Rope Winders — Description and Use
649-215 Power Lifting Equipment			649-305-135	1	Powercat Cable Puller, Electric Winch
■ 649-215-100	1	Skid-Steer Loader — Operation and Manitenance (8-94)	649-310 Wire Rope		
■ 649-215-105	1	Forklift — Operation and Manite- nance (3-95)	649-310-011	2	General
■ 649-215-110	1	Telescoping Boom Forklift — Operation and Manitenance (5- 95)	649-310-100	3	Rolled Eyes
649-3 Power Driven Tools			649-310-111	1	Cable Reel Slings
649-300 Pole Derricks			649-310-115	2	Slings
649-300-011	1	General	649-315 Power Reels		
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649-315-105	2	AT-8366 Power Reel (RS) — Description and Use	649-4 Pipe Pushers and Electrified Vehicles		
649-315-108	1	B Capstan Winch—Description and Use	649-420 Pipe Pushing Equipment		
649-315-111	1	Wire Feeding Tube	649-420-100	2	B Push Pipe
649-320/329 Duct Rodder			649-420-101	2	B Pipe Pusher
649-320-100	1	Flexible Sewer-Rod Duct Rodder	649-420-102	1	C Pipe Pusher
649-321-100	2	Champion Duct Rodder (RPV and Model S66)	649-480 Electrified Vehicles		
649-325-101	2	Fishline Kit (Pneumatic)	649-480-101	1	Lectro-Van — Generac* — Description and Operation
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649-350-101	1	6067-A Telephone Set, Intercommunicating Set for H-21 Ladder	Addendum	1	
649-350-111	2	Aerial Ladder — Halline — Description and Operation	649-500-100	5	B and E Engine
649-350-121	2	Aerial Ladder — Utility — Description and Operation	649-500-102	1	Air-Cooled Wisconsin Engines
649-351/352 Aerial Lift Trucks			Addendum	1	
649-351-101	2	"Telsta" T-40B Description and Operation	649-500-111	4	C and F Engine
649-351-121	2	Servi-Lift — Description and Operation	649-510 Blowers and Heaters		
649-351-141	2	Servi-Lift — Telescoping — Description and Operation	649-510-001	1	Precaution When Using Blowers, Heaters, and Portable Engine Driven Units
649-352-101	1	Preparation for Use	Addendum	1	
649-360 Earth-Boring Machines			649-510-100	2	DC Blower
649-360-100	2		Addendum	2	
649-360-105	1		649-510-105	1	AC-DC Blower (AT-C 172X) — Description and Use
649-360-111	1	PE Digger	Addendum	1	
649-360-120	2	B, B2 and BH2 Hydraulic Diggers	649-510-106	2	Blower — Description and Use
649-360-130	1	Rock Drill	649-510-111	5	C Blower
649-360-135	1	Compacting Earth Auger — Description and Use	649-510-112	2	12 Volt Electric Blower — Description and Operation
■ 649-360-137	1	Cold Milling Machine Operation and Maintenance (8-94)	649-510-115	6	Blower Hoses
■ 649-360-138	1	Directional Bore Operation and Maintenance (8-94)	Addendum	1	
■ 649-360-139	1	Pneumatic Earth Bore Operation and Maintenance (12-94)	649-510-120	3	B Ventilating Heater
			Addendum	1	
			649-510-125	1	Generator-Heater-Ventilator (GEN-AIR) — Description and Operation

* Generac is a registered trademark of Generac Corporation

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649-510-126	2	Mo-Pe-Co Generator — Heater — Ventilator — Description and Operation
649-510-128	1	D and E Generator-Heater- Ventilator — Description and Operation
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649-510-130	2	F Ventilating Heater

649-520 Portable Generators

649-520-100	6	B and C Generators
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649-530 Portable Pumps and Saws

649-530-100	7	B Manhole Pump
649-530-101	1	4-inch Gorman-Rupp* Manhole Pump
649-530-105	3	Suction and Discharge Hoses
649-530-110	3	Submersible Pumps
649-530-120	1	Reciprocating Power Saw AT- C169X
■ 649-530-125	1	Concrete-Asphalt Cutter — Operation and Maintenance (8- 94)
■ 649-530-126	1	Concrete/Asphalt Saw — Opera- tion and Maintenance (12-94)

649-535 Sprayers

■ 649-535-100	1	Tack Distributor — Operation and Maintenance (12-94)
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649-540 Air Compressors and Tools

649-540-100	1	Air Compressors, Compressed Air Tools
649-540-105	1	Air Compressor, Davey Com- pany
649-540-111	1	Air Compressor, Chicago Pneu- matic
■ 649-540-115	1	Air Compressor — Operation and Maintenance (12-94)
649-540-145	1	Barco† Gasoline Hammers and Drillers

* Gorman-Rupp is a registered trademark of The Gorman-
Rupp Company

† Barco is a registered trademark of Barco Industries, Inc.

Division 660**Test Center Operation****660-0 Index and General Information****-099 Customer Information Releases (CIRs)****660-1 Customer Telephone Stations and Lines****-100 CTRAP (Customer Trouble Report Analysis Plan)****-101 Handling Trouble Reports in the Repair Service Center****-165 ARSB (Automated Repair Service Bureau)/TREAT (Trouble Report Evaluation and Analysis Tool) 1A Line Concentrator****-166 1A Line Concentrator****-167 Network Harms and Cable Restoration****-168 ARSB/LMOS (Automated Repair Service Bureau/Loop Management Operations System)****-169 ARSB Maintenance Procedures****-170 Radio Common Carrier****660-2 SSS (Special Services System)****660-4 Trunk Maintenance — General****660-5 Trunk Maintenance — Locations Other Than Testboards****660-6 Trunk Maintenance — Testboard Locations****660-8 Cable and Open-Wire Plant — Maintenance****-830 ACE (Automated Cable Expertise)****Number****Issue****Subject**

660-002-010	12	Data Test Centers — Maintenance Directory
660-002-015	2	DATAPHONE® II Data Communications Service — Control Office Directory
660-003-010	3	Cable Trouble Analysis Plan — Introduction and Definitions
660-003-011	3	Cable Trouble Analysis Plan — Cable Trouble Code Card Form E-3628A
660-003-012	3	Cable Trouble Analysis Plan — Cable Trouble Ticket — Form E-5039 and Cable Trouble Summary Form E-3626A
660-003-013	3	Cable Trouble Analysis Plan — Cable Trouble Analysis — Summary of Trouble Data Form E-5408 — Subgroup Codes Form E-5040 — Detail Codes Form E-5119
660-003-014	1	Cable Trouble Analysis Plan — Administration of Rehabilitation or Replacement
660-003-020	2	Computerized Cable Upkeep Administrative Program (CCUAP)
660-004-010	2	Special Services Networks — Plant Network Managers
Addendum	1	
660-005-011	1	Office Responsibilities — Special Services
660-005-013	1	Office Responsibilities — Western Union Teletypewriter Exchange Service (WUTWX)

660-1 Customer Telephone Stations and Lines**660-100 CTRAP (Customer Trouble Report Analysis Plan)****660-0 Index and General Information****Index**

660-000-000	94	Numerical Index — Division 660 — Test Center Operation
660-000-005	2	Alphabetical Index — Test Center Operation (Divisions 660 Through 669)

General Information

Supplement	1	
660-001-011	3	Equipment Test List

660-100-010	4	General Information
660-100-011	6	Categories of Trouble Reports and Classes of Service Measured
660-100-012	4	Customer Service Quality Indicators, MC SIRBAN
660-100-014	3	Manual Trouble Report Ticket, Forms E-4732-1 and E-4732-2
660-100-015	3	Summaries — Forms E-4737, E-4737A and E-2700
660-100-016	2	Analyzing Trouble Reports — Manual

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660-100-018	4	Mechanized Trouble Report Ticket, Forms E-4732-3 and E-4732-4	660-101-317	1	Handling Trouble Reports When Acoustically or Inductively Coupled Devices Are Used for Data Transmission
660-100-019	3	Analyzing Trouble Reports — Mechanized	660-101-318	1	Tariff and Registration Violation Notice Procedures, Form E-6670
660-101 Handling Trouble Reports in the Repair Service Center			660-101-400	1	Test Desk Guidelines — Subscriber Loop Electronics AT&T document
660-101-300	4	General Routine for Handling Trouble Reports in the Repair Service Center	660-102 Voice Customer Access System		
660-101-301	1	Permanent Signals	660-102-001	4	Repair Service Generic 2B — Planning Guide
660-101-302	1	Cable Sheath Opening Record	660-102-006	4	Voice Customer Access System — Repair Service (VCAS — RS)
660-101-303	1	Cable and Line or Station Transfers AT&T document	660-102-300	2	Operating Practice for Test Center — Emergency Routine AT&T document
660-101-304	2	Handling Customer Trouble Reports on TWX and Wide Area Services	660-103/104 Customer Arrangements		
660-101-305	2	Handling Customer Trouble Reports on DATAPHONE Services	660-103-300	7	Contact Handling AT&T document
660-101-306	1	Community Antenna Television (CATV) Distribution Systems — Test Center Procedures	660-104-300	8	Appointments AT&T document
660-101-307	1	Plant Service Center Responsibilities for Switched Services Networks AT&T document	660-150/153 Card Descriptions		
660-101-308	1	Rural Carrier Telephone Systems — Testing Methods AT&T document	660-150-010	4	Customer Line Card File AT&T document
660-101-309	1	Handling Customer Trouble Reports and Intercompany Billing — Mobile Radio	660-151-010	4	Customer Line Cards
660-101-310	1	Repair Service Bureau Procedures for Apartment Door Answering Service AT&T document	660-152-010	4	Description and Use of Marker Cards AT&T document
660-101-311	1	Instant Test AT&T document	660-153-010	1	Concentrator Equipment Card AT&T document
660-101-312	4	Maintenance of Service Charge on Services With Customer Provided Equipment	660-160 Subscriber Line Testing		
660-101-313	2	Bulk Dispatch — Trouble Reports AT&T document	660-160-500	1	Subscriber Line Insulation Testing AT&T document
660-101-314	1	No-Access Procedure	660-165 ARSB (Automated Repair Service Bureau)/TREAT (Trouble Report Evaluation and Analysis Tool)		
660-101-315	1	Procedures for Test OK — Customer Doesn't Answer — (TOK-DA)	660-165-000	3	Report 00 — Universal Report — Description
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660-165-002	6	Report 02 — Central Office Results — Description	660-165-022	3	Report 22 — Installation Reports — Description
660-165-003	3	Report 03 — Administrative Report — Description	660-165-023	3	Report 23 — No Access Analysis — Description
Addendum	1		660-165-024	3	Report 24 — Out of Service Received Before 1700 and Carried Over — Description
660-165-004	4	Report 04 — Customer Trouble Report Summary — E-2700 Reports-Special and Official — Description	660-165-025	4	Report 25 — Bulk Dispatch — Description
660-165-005	3	Report 05 — Central Office Originating Equipment — Description	660-165-026	3	Report 26 — Repair Clerk Analysis — Description
660-165-006	4	Report 06 — Description — Central Office Originating Equipment — Detailed Listing	660-165-027	4	Report 27 — Tester or Verifier Load Analysis — Description
660-165-007	3	Report 07 — Central Office Terminating Equipment — Description	660-165-028	3	Report 28 — Tester or Verifier Disposition Analysis — Description
660-165-008	4	Report 08 — Description — Central Office Terminating Equipment — Detailed Listing	660-165-029	3	Report 29 — Outside Craft Person Analysis — Description
660-165-009	4	Report 09 — Calling-Called Analysis — Description	660-165-030	4	Report 30 — Outside Craftsman Disposition Analysis — Description
660-165-010	3	Report 10 — Called-Calling Analysis — Description	660-165-031	4	Report 31 — Test Time Analysis — Description
660-165-011	3	Report 11 — Exchange Facility Analysis — Description	660-165-032	4	Report 32 — Maintenance Center Testing Time — Description
660-165-012	3	Report 12 — Cable Count Analysis — Detailed Listing — Description	660-165-033	4	Report 33 — Repair Service Bureau Dispatch Time — Description
660-165-013	3	Report 13 — Repeated Report Analysis — Original Reports — Description	660-165-034	3	Report 34 — Repair Service Bureau Clearing Time — Description
660-165-014	3	Report 14 — Repeated Report Analysis — R Reports — Description	660-165-035	3	Report 35 — Repair Service Bureau Average Receipt to Clear — Description
660-165-015	3	Report 15 — Repeated Reports — Detailed Listing — Description	660-165-036	4	Report 36 — Repair Service Bureau Load By Repair Groups — Description
660-165-016	3	Report 16 — Repeated Reports — Individual Customer — Description	660-165-037	4	Report 37 — Repair Service Bureau Reports Received/Dispatched — Description
660-165-017	3	Report 17 — Repeated Reports — Individual Craft Person — Description	660-165-038	3	Report 38 — PBX-Centrex-Coin Controlled Maintenance Data — Description
660-165-018	3	Report 18 — Missed Appointments — Description	660-165-040	3	Report 40 — Employee Reports — Detailed Listing — Description
660-165-019	2	Report 19 — Appointment Comments	660-165-041	3	Report 41 — Referred in Reports — Detailed Listing — Description
660-165-020	2	Report 20 — Work Comments	660-165-042	3	Report 42 — Excluded Reports — Detailed Listing — Description
660-165-021	3	Report 21 — Subsequent Reports — Description			

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660-165-043	4	Report 43 — Trouble Follow-Up Analysis — Description	660-165-064	4	RSB Threshold Development Procedures — Description
660-165-044	3	Report 44 — CPE (Customer-Provided Equipment) Report #2 — Unauthorized CPE Cases — Description	660-165-065	4	Trouble Report Input Requirements
660-165-045	4	Report 45 — CPE #2 — Cases to be Billed — Description	660-165-067	3	Bell System Standard Performance Reports — Description
660-165-046	4	Report 46 — RFA — Average Dispatch-to-Clear Times by Repair Group — Description	660-165-068	2	Time Share Option (TSO) Operational Concept — Output Report Retrieval Instructions
660-165-047	4	Report 47 — RFA — Dispatchable Reports Totaled by Received Date — Description	660-165-069	2	TREAT Operation Under a Batch Environment
660-165-048	3	Report 48 — Disposition Codes 01 Through 09 — Subcodes by Class-of-Service Groups — Description	660-165-070	3	TREAT Operation in an Information Management System (IMS) Environment — Description
660-165-049	3	Report 49 — Disposition Codes 10 Through 13 — Subcodes by Class-of-Service Groups — Description	660-165-100	1	Gfeller* Line Concentrator AT&T document
660-165-050	4	Report 50 — Cause Codes (1 Through 6) Subcodes by Class-of-Service Groups — Description	660-166 1A Line Concentrator		
660-165-051	3	Report 51 — Phone Center — Description	660-166-100	1	1A Line Concentrator — Characteristics, Operating Features, Testing and Maintenance Precautions
660-165-052	1	Report 52 — Maintenance Center Referral Time — Description	660-167 Network Harms and Cable Restoration		
660-165-053	1	Report 53 — Maintenance Center Referral to Clear Time — Description	660-167-001	1	Network Harms Handling and Reporting Procedures
660-165-054	1	Report 54 — Initial Trouble Reports — Defective Equipment — Replacement Program (DERP)-Residence and Business — Description	660-167-300	1	Cable Restoration — Dedicated Plant — Identifying Paper Insulated Cable Pairs
660-165-056	2	Report 56 — Maintenance Center Screen Time — Description	660-168 ARSB/LMOS (Automated Repair Service Bureau/Loop Management Operations System)		
660-165-057	1	Report 57 — Screener Load Analysis — Description	General		
660-165-058	2	Report 58 — Screener Disposition Analysis — Description	660-168-010	12	Documentation Index
660-165-061	4	Introduction and TREAT Concepts	660-168-011	11	Glossary of Terms
660-165-062	4	Output Report Summary — Description	660-168-012	11	Loop Management Operations System — Transaction Reference Guide
660-165-063	4	Analysis Strategy and Guidelines — Description	660-168-013	1	User Codes
			660-168-100	2	Equipped With Line Status Verifier — General Description
			660-168-105	3	Processing of Hardware and Software Trouble Reports
			660-168-106	2	Obtain Trouble History Stored Off-Line — Position Practice

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Addendum	1		660-168-181	1	Installation Support Package — Glossary of Terms
660-168-107	3	Interpretation of the Trouble Report and Status Form — User Guide	660-168-182	1	Installation Support Package — Transaction Reference Guide
LMOS (Loop Management Operations System)			660-168-183	1	Installation Support Package — Request Installation Data Bases Information — Procedures
660-168-113	2	Identify and Select Front-End Processor User Guide	660-168-184	1	Installation Support Package — Request Installation Data Bases Information — User Guide
660-168-121	10	Receive and Process Line Record Update Inputs — Automated Repair Service Bureau — Procedures	660-168-185	1	Installation Support Package — Update Work Item Data Base Procedures
660-168-122	14	Loop Management Operations System — Update Line Record Procedures — Automated Repair Service Bureau	660-168-186	1	Installation Support Package — On-Line Error Message Processing
660-168-123	2	ALRU (Automated Line Record Update) Error Message Processing Automated Repair Service Bureau	660-168-187	1	Installation Support Package — Host Administrative Reports — User Guide
660-168-124	2	Update Pair Gain Data Base Procedures	660-168-188	1	ISPP (Installation Support Package Parser) Error Message Processing
660-168-125	1	Update Abbreviated Trouble History — Data Base Procedures	MLT (Mechanized Loop Testing)		
660-168-130	11	Request System Information — User Guide	660-168-200	5	General Description
660-168-131	14	Request System Information — Procedures — Automated Repair Service Bureau	660-168-207	4	Interpretation of the Status and Test Summary Form — User Guide
660-168-132	10	Description of Customer Line Record Fields — User Guide	660-168-208	3	Interpretation of the Trouble Report Form — User Guide
660-168-151	4	Display Printed Output — Specify Printed Output — Procedures	660-168-211	5	Enter Trouble Reports
660-168-152	3	Display Commitment — Specify Commitment — Position Practice	660-168-229	2	Data Base Audits
660-168-155	5	Create and Maintain Test List — Procedures	660-168-230	10	ALRU (Automatic Line Record Update) — Error Message Processing — Automated Repair Service Bureau
660-168-156	5	Initiate and Monitor Programmed Scan Testing — Procedures	660-168-231	7	Review Transactions — On-Line Error Message Processing — ARSB (Automated Repair Service Bureau)
660-168-163	10	Guide for Identifying Conflicts — User Guide — Automated Repair Service Bureau	660-168-232	6	LMOS — Update Transactions — On-Line Error Message Processing — ARSB
660-168-170	1	Scheduler Transaction Description — User Guide	660-168-233	2	WOI (Work Order Interface) Error Message Processing — Automated Repair Service Bureau
660-168-173	3	Tracker Description — User Guide	660-168-240	3	Interpretation of Basic Output Report and Mini Output Report — User Guide
660-168-180	1	Installation Support Package — Description and Documentation Index	660-168-241	4	Sort and Distribute Printer Output — Procedures

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660-168-242	7	Enter Status Information Procedures	660-168-276	1	Mechanized Loop Testing-2 RMC Operation and Maintenance Guide
660-168-243	5	Enter Trouble Related Data Procedures	660-168-282	1	ISDN Trouble Analysis Guide — MLT/ISDN Feature Package One
660-168-244	5	Test Transaction Procedures	HCFE (High Capacity Front End)		
660-168-246	4	Interpretation of Automated Test Results — User Guide	660-168-401	3	High Capacity Front End — Architecture Guide
660-168-247	5	Verify Line Condition Procedures	❶ 660-168-402	2	Data Center Troubleshooting Guide
660-168-248	4	Process Cable Trouble Data Procedures	660-168-408	3	High Capacity Front End (HCFE) — Administration Guide
660-168-249	5	Interpretation of Basic Output Report and Mini Output Report—User Guide	660-168-411	3	High Capacity Front End — Operations Handbook
660-168-250	3	Analyze Output Reports and Determine Further Action — Position Guide	660-168-413	3	High Capacity End — Data Base Guide
660-168-251	4	Generate A Trouble Report	660-168-414	2	Error Messages Guide
660-168-252	1	Interpretation of Trouble Verification (TV) Transaction — User Guide — Mechanized Loop Testing-2 (MLT-2)	❶ 660-168-415	2	User Error Messages Guide
660-168-253	1	Mechanized Loop Testing-2 — TV (Trouble Verification) Transaction Test Procedures	❶ 660-168-430	2	Communications Processor — Error Messages Guide
660-168-254	3	Update Commitment Dates and Times — Position Practice	■ 660-168-450	1	Guide to the Basic Application Services Environment (Base)
660-168-255	4	Commitment Procedures Guide	■ Addendum	2	
660-168-262	9	Update Cable Data Procedures — Automated Repair Service Bureau	660-168-455	1	LMOS — Data Center Troubleshooting Guide
660-168-270	2	Check Loop Testing Frame/Mechanized Measurement Module Readiness — Position Practice	Access Networking System		
660-168-271	2	Diagnose Loop Testing Frame/Mechanized Measurement Module — User Guide	660-168-480	1	System Description
Addendum	1		660-168-481	1	Operations Guide 1.1 AC Operations Handbook
660-168-272	2	Central Office Preparation and Testing Procedures for No-Test Trunk Circuits	660-168-483	1	Access Networking System — Administration Guide
660-168-273	2	Acceptance Procedures	660-168-486	1	Access Networking System — Error Message Guide
660-168-274	5	Maintenance — Preparation and Test Procedures for Test Trunk Circuits Using KS-22475 Trunk Test Set With KS-22475 L2 Adapter	660-168-489	1	User's Guide for Accessing LMOS through ANS
660-168-275	1	Mechanized Loop Testing-2 (MLT-2) Acceptance Procedures	660-168-490	1	Configuration Guide
			660-169 ARSB/LMOS Maintenance Procedures		
			660-169-011	2	Trouble Report Evaluation and Analysis Tool (TREAT) — Categories of Trouble Reports and Classes of Service Measured — Loop Maintenance Operations System (LMOS)
			660-169-012	1	Analysis Plan — Customer Service Quality Indicators — MCSIRBAN

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Addendum	1		660-170 Radio Common Carrier		
660-169-013	2	Trouble Report Evaluation and Analysis Tool (TREAT) — Trouble Reports — Type, Disposition, and Cause — Loop Maintenance Operations System (LMOS)	660-170-100	1	Radio Land Lines Central Office Connective Circuits — Descriptive Maintenance
660-169-300	1	General Routine for Handling Trouble Reports	660-2 SSS (Special Services System)		
660-169-301	1	Procedures for Permanent Signals	General		
660-169-302	1	Control and Administration of Cut Dead, Transposed and Transferred Pairs — Maintenance Center	660-200-010	1	Service Report Ticket, Form E-4071, Program, Video, and Music Transmission Service
660-169-303	1	Cable and Line or Station Transfers	660-200-015	1	Minimum Service Charge Arrangements
660-169-304	1	Procedures for Handling Customer Trouble Reports on Wide Area Telephone Services Services	660-200-016	1	Customer Visits
660-169-307	1	Responsibilities for Switched Services Networks	Addendum	1	
660-169-310	1	Procedures for Apartment Door Answering Service	660-200-300	1	Special Safeguarding Measures
660-169-312	1	Maintenance of Service Charge on Services With Customer-Provided Equipment — Description	660-200-301	2	Protection and Safeguarding
660-169-313	1	Bulk Dispatch — Trouble Reports	660-200-302	1	Service Criticisms Accommodations
660-169-314	1	No-Access Procedure	Addendum	1	
660-169-315	1	Test OK — Customer Doesn't Answer (TOK-DA) Procedures	660-201-010	3	Toll Telephone Facility Maintenance — Office Responsibilities
660-169-316	1	Follow-Up Routines	Telegraph Services		
660-169-320	1	Operating Procedures for Emergency Routine	660-202-010	1	Telegraph Facility and Service Maintenance — Office Responsibilities
660-169-321	1	Appointments	660-202-011	1	Establishing and Restoring Temporary Patches
660-169-322	1	Cable Restoration — Identifying Paper Insulated Cable Pairs — Dedicated Plants	660-202-012	1	Administrative of Service Restoration and Maintenance Spares
660-169-323	1	Scanner/Analyzer — Procedures	660-202-013	1	Teletypewriter Monitoring
660-169-324	1	Assignment of Cable Pair Changes	660-203-010	1	Disposition of Monitoring Teletypewriter and TWX Copy
660-169-599	1	Mechanized Trouble Report Ticket for Trouble Report — Evaluation and Analysis Tool (TREAT), Forms E-4732-5 TRT and E-4732-6 TRT	660-204-010	1	Special Handling of Private Teletypewriter Services
			660-204-011	1	83A1 and 83B1 Teletypewriter Selective Calling Systems — Pre-Service Testing Procedures
			660-204-012	1	Operating and Testing Procedures for Circuits Associated with 83B Type Teletypewriter — Selective Calling Systems
			Toll Private Services		
			660-205-010	1	Telegraph — Preparation and Use of Served Point Record — Form E-4481

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660-206-010	1	Telephone — Preparation and Use of Served Point Record, Form E-4536	Addendum	2	
Suspension/Restoration Procedures			660-225-011	6	Definitions
▲660-207-010	6	Message and Special Service Circuits — Restoration Sequence	Appendix 1	6	Typical Special Services
▲660-207-020	4	Intercity Special Services — Restoration Priority Description and Procedures	660-225-014	1	Special Services — Index Plan
660-208-010	1	Private Line Services — Operating Procedures for Handling Temporary Suspend or Temporary Discontinue Service Orders on Interstate Services	Addendum	1	
Data Transmission			660-225-015	3	Preparation and Use of the Private Service Report Ticket Forms E-4220-M and E-4221
660-209-010	4	Procedures for Preparation in Transmission of Data to the Data Processing Center	Appendix 1	3	No Title
Local Special Services Results Plan			Addendum	2	
660-210-010	2	General AT&T document	660-225-016	5	Procedures for Preparation and Transmission of Results Data to the Cleveland Data Processing Center
660-210-011	2	Local Special Services Results Plan AT&T document	660-225-017	2	Reports and Results Summaries
660-210-012	2	Index Plan AT&T document	Mechanized Analysis Plan		
ALLIANCE® Dedicated Teleconferencing Services			660-225-020	2	General
■ 660-211-010AC	1	Operations and Administration Plan	Addendum	1	
■ Appendix 1AC	1	Keep Cost Accounts	660-225-021	2	Automatic Analysis Data
Consultation			Appendix 1	2	No Title
Addendum	2		Addendum	2	
660-215-500	1	Special Services Consulting Guide	660-225-022	1	Retrieval of Detailed Trouble Data
Analysis Plan			Appendix 2	1	No Title
660-220-012	2	Preparation and Use of Private Service History Cards, Forms E-4476 and E-4475	660-225-030	2	Special Services Mechanized Reporting of Rebating Information
Mechanized Results Measurement Plan			SSS (Special Services System)		
Addendum	1		660-225-110	1	Administrative Guidelines
660-225-010	5	General	660-225-111	1	Inventory Tickets
			660-225-112	1	Trouble Ticket Description
			Appendix 1	1	Typical Special Service Troubles — Questions and Answers
			660-225-113	1	Switched Service Networks Guidelines
			660-225-114	1	Transmission Procedures for the Atlanta Data Processing Center
			660-225-115	1	Output Reports Description
			660-225-116	1	Analysis Plan
			Office Administrative Responsibilities and Methods		
			660-230-100	5	AT&T Communications Company — DATAPHONE® Digital Service
			■ 660-230-100AC	1	DATAPHONE Digital Service

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660-230-110	1	AT&T Communications — DS-1 Digital Service
■ 660-230-110AC	2	ACCUNET® Terrestrial 1.5 — Digital Service
■ 660-230-111AC	1	ACCUNET Terrestrial 1.5 — Customer Controlled Reconfiguration
■ 660-230-120AC	1	ACCUNET Reserved 1.5 Service — Operations
660-230-150	1	Packet Transport Network — Network Operations
660-230-300	1	Digital Data System — Cable Failure Restoration Procedures
660-230-350	1	Service and Product Analysis — Report System (SPARS)
660-230-351	1	SPARS — Output Reports and Result Summaries
Special Service Center		
660-249-100	1	Special Service Center — Administrative Guide (SSCAG) AT&T document
■ 660-249-100AC	1	Special Service Center — Administrative Guide (SSCAG)
660-249-101	1	Special Service Center/Switching Control Center/Network Terminal Equipment Center — Operations Interface AT&T document
660-249-110	1	Organization Sizing AT&T document
660-249-111	1	Span of Control/Span of Supervisor Guidelines AT&T document
660-249-120	1	Certification Plan AT&T document
660-249-200	3	Administrative Guide — Mechanized AT&T document
660-250-000	3	Document Indexes — Special Services
▲660-250-100	2	Order Receiver AT&T document
▲660-251-100	2	Screening/Distributor AT&T document
▲660-251-200	1	Screening/Distributor (CMS-3A) AT&T document
▲660-252-100	2	Controller/Tester
▲660-252-200	1	Controller/Tester (CMS-3A) AT&T document
▲660-253-100	1	Completion Clerk AT&T document
▲660-254-100	1	Installation Analyzer AT&T document

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▲660-254-200	1	Installation Analyzer (CMS-3A) AT&T document
▲660-255-100	1	Record Acceptor/Administrator AT&T document
▲660-255-200	2	Record Acceptor/Administrator (CMS-3A) AT&T document
▲660-256-100	1	Repair Service Attendant AT&T document
▲660-256-200	2	Repair Service Attendant (CMS-3A) AT&T document
▲660-257-100	1	Maintenance Record Tracker AT&T document
▲660-258-100	1	Maintenance Tester AT&T document
▲660-258-200	2	Maintenance Tester (CMS-3A) AT&T document
▲660-259-100	1	Maintenance Analyzer AT&T document
▲660-259-200	2	Maintenance Analyzer (CMS-3A) AT&T document

660-4 Trunk Maintenance — General**General**

660-400-010	3	Trunk Service Results Plan
660-401-010	4	Testing and Operating Precautions for Message Trunks
660-402-010	3	Recording of Manual Transmission Measurements and Measurement Schedules
660-402-300	12	Transmission Maintenance — Overall 1000-Hz Loss Measurements on Message Trunks
660-402-310	1	Transmission Maintenance — Echo Suppressor Tests Using 58-Type Echo Suppressor Measuring System
Addendum	1	
660-403-011	4	Trunk Transmission Maintenance Index — Mechanized Summary Procedure — Data Reporting
660-403-300	4	Message Circuit Noise and Impulse Noise Measurements — Message Circuit Trunks — Test Classifications and Intervals
660-403-301	4	Investigation of Specific Noise and Crosstalk Troubles on Voice Frequency Circuits — Cable Circuits

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660-403-302	3	Investigation of Specific Noise and Crosstalk Troubles on Voice-Frequency Circuits — Open Wire Circuit	660-450-302	1	Circuit Order or Trunk Order Tests for Carrier Telegraph Lay-outs
660-403-310	1	Transmission Maintenance — Echo Suppressor Tests Using 58-Type Echo Suppressor Measuring System	660-450-303	1	Preservice and Maintenance Tests for Operator and Attendant Services Trunks
Addendum	2		660-450-502	1	Circuit Order or Trunk Order Tests — Testing Methods — Measurement of Office Wiring and Equipment Losses — 2-Wire Switching Offices
660-403-500	5	Message Circuit Noise Measurements on Message Trunks — Requirements	660-450-503	1	Circuit Order or Trunk Order Tests — Testing Methods — Measurement of Office Wiring and Equipment Losses — 4-Wire Switching Offices
660-403-501	3	Measurement of Voice Frequency Crosstalk Coupling Using a Type-3 Noise Measuring Set	660-450-504	1	Circuit Order or Trunk Order Tests — Testing Methods — Adjustment of Transmission Levels on Combination Trunks — Intermediate Offices
660-403-503	5	Crosstalk Tests on Message Trunks	660-450-505	4	Trunk Order or Circuit Order Tests — Testing Methods — Channel Net Gain
660-403-504	3	Signaling Systems — Overall Tests on Trunks Employing Single Frequency Signaling	Addendum	1	
660-403-505	1	Transmission Maintenance of Voice-Frequency — Carrier Telegraph Facilities	660-450-506	1	Circuit Order to Trunk Order Tests for Overseas Operator Bridged Access Trunks — 10C and 10TC Operation — 4A and 4M Toll Switching Systems and 3C or 3CL Switchboards
660-405-300	2	Data Systems — DATAPHONE® Service and Data Access Arrangements Using the Switched Telecommunications Network — Toll Testroom Trouble Clearing Procedures	660-450-507	1	Common Channel Interoffice Signaling — Voice Frequency Link — Description, Maintenance, and Tests
660-420-010	1	Automatic Trunk Test Frames Associated With ATMS — Central Office Administration	4ESS™ Offices		
660-430-012	3	Control of 1 KHz Trunk Loss Deviations	660-460-010	1	Terminal Balance Records
660-440-010	3	Test Line Circuits and Communication Trunks Nationwide Distance Dialing Plan	660-460-100	1	Terminal Balance — General Information
660-440-107	2	107-Type Test Line for Data Transmission Maintenance — Description	660-460-301	2	Terminal Balance Requirements
660-450-010	7	Forms for Recording Trunk or Circuit Order Test Results on Message Trunks — Test Center Operation	No. 1 Trunk Concentrator		
660-450-300	3	Trunk Order or Circuit Order Tests for All Types of Message Trunks — General Information	660-461-100	1	No. 1 Trunks Concentrator — General Balancing Information
660-450-301	5	Preservice and Maintenance Tests for All Types of Message Trunks	660-461-101	1	No. 1 Trunk Concentrator — General Balance Information — Administration and Records
			660-461-301	1	No. 1 Trunk Concentrator — Balance Requirements and Verification Tests

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No. 23 ACD (Automatic Call Distributing) System			660-470-500	1	NBO Selector for Associated Switchboards for Through and/or Terminal Balancing
660-462-010	1	No. 23 Concentrator Through and Terminal Balance — Administration and Records	660-470-501	1	Through Balance Drop Build-Out (DBO) Procedures and Verification Tests
660-462-100	1	No. 23 Concentrator Through and Terminal Balance — General Information	Addendum	1	
660-462-301	2	No. 23 Concentrator Through and Terminal Balance — Requirements	660-470-502	1	Terminal Balance DBO Procedures and Verification Tests
660-462-500	1	No. 23 Concentrator Through and Terminal Balance — Network Build-Out Capacitor (NBOC) Selection	660-470-504	1	Test Routines, Test Circuits, Test Terminations, and Test Equipment Applications for Through and Terminal Balance
660-462-502	1	No. 23 Concentrator Through and Terminal Balance — Drop Build-Out Capacitor (DBOC) Adjustment and Verification Tests	660-470-520	1	Selection of Office NBO in Large Class 5 Offices
660-462-504	1	No. 23 Concentrator Through and Terminal Balance — Balance Test Equipment and Test Circuit	Crossbar Tandem Offices		
No. 1/1B Traffic Service Position System			660-471-010	1	Through and Terminal Balance — Administration and Records
660-463-010	3	Impedance Balance — Administration and Records	660-471-100	2	Through and Terminal Balance — General Information
660-463-100	3	Impedance Balance — General Information	660-471-300	2	Through Balance Requirements
660-463-301	3	Impedance Balance Requirements	660-471-301	4	Terminal Balance Requirements
Addendum	1		Addendum	1	
660-463-500	2	With Remote Trunk Arrangement, Position Subsystem No. 2, and Automatic Coin Toll Service — Balance — Base Unit	660-471-500	1	Office NBO Selection for Through and/or Terminal Balance
660-463-502	1	Remote Trunk Arrangement/Position Subsystem No. 2 — Balance — RTA	660-471-501	1	Through Balance Build-Out Procedures and Verification Tests
660-463-504	1	Position Subsystem No. 2 and Remote Trunking Arrangements — Balance — Test Equipment, Test Circuits, and Terminations	Addendum	1	
1/1A ESS™ Offices With HILO 4-Wire Switching			660-471-502	1	Terminal Balance DBO Adjustments and Verification Tests
660-470-010	1	Through and Terminal Balance Records	660-471-503	1	Through and Terminal Balance — Analysis of Balance Irregularities
660-470-100	2	Through and Terminal Balance	Addendum	1	
660-470-300	2	Through Balance Requirement	660-471-504	1	Test Equipment, Test Circuits, and Terminations — Used in Through and Terminal Balancing Testing
660-470-301	2	Terminal Balance Requirements	660-471-520	1	Selection of Office NBO in Large Class 5 Offices Served by Crossbar Tandem Office AT&T document
			No. 5 Crossbar Offices		
			660-472-010	1	Through and Terminal Balance — Administration and Records AT&T document

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Addendum	1		Step-by-Step Offices		
660-472-100	1	Through and Terminal Balance — General Information AT&T document	660-474-010	1	Terminal Balance — Administration and Records
660-472-300	2	Through Balance Requirements	660-474-100	1	Terminal Balance — General Information
660-472-301	4	Terminal Balance Requirements	660-474-301	4	Terminal Balance Requirements
660-472-500	2	Network Build-Out Selection for Through and/or Terminal Balance AT&T document	660-474-500	1	Office NBO Selection for Terminal Balance
660-472-501	1	Through Balance Drop Build-Out Procedures and Verification Tests AT&T document	660-474-502	1	Terminal Balance DBO Adjustments and Verification Tests
660-472-502	2	Terminal Balance and Drop Build-Out (DBO) Procedures and Verification Tests AT&T document	660-474-504	1	Test Equipment, Test Circuits, and Terminations Used in Terminal Balance Testing
660-472-504	2	Test Equipment, Test Circuits, and Terminations Used in Through and Terminal Balance Testing AT&T document	660-474-520	1	Selection of Office NBO in Large Class 5 Offices
660-472-520	1	Selection of Office NBO in Large Class 5 Offices Served by No. 5 Crossbar Office AT&T document	Class 4P Toll Switchboards		
No. 4 Type Crossbar Offices			660-475-010	1	Terminal Balance — Administration and Records
660-473-010	1	Through and Terminal Balance — Administration and Records AT&T document	660-475-100	1	Terminal Balance — General Information
660-473-100	1	Through and Terminal Balance — General Information AT&T document	660-475-301	3	Terminal Balance Requirements
660-473-300	3	Through Balance Requirements	660-475-500	1	Decentralized Toll Offices (DTO and DSA Switchboards) — NBO Selection for Terminal Balance
660-473-301	3	Terminal Balance Requirements	660-475-502	1	Terminal Balance DBO Adjustments and Verification Tests
Addendum	2		660-475-504	1	Test Equipment, Test Circuits, and Terminations Used in Terminal Balance Testing
660-473-500	1	NBO Selection for Through and/or Terminal Balance AT&T document	660-475-520	1	Selection of Office NBO in Large Class 5 Offices
660-473-501	1	Through Balance Build-Out Procedures and Verification Tests	1/1A ESS Switching Offices		
660-473-502	1	Terminal Balance — DBO Adjustments and Verification Tests AT&T document	660-476-010	2	Through and Terminal Balance Records
660-473-504	1	Test Equipment, Test Circuits, and Terminations Used in Through and Terminal Balance Testing AT&T document	660-476-100	2	Through and Terminal Balance — General Information
660-473-520	1	Selection of Offices NBO in Large Class 5 Offices Served by No. 4 Crossbar Office AT&T document	660-476-300	4	Through Balance Requirements
			660-476-301	3	Terminal Balance Requirements
			660-476-500	2	Hybrid Balancing Network Adjustment of 4-Wire ESS Trunk Circuits and NBO Selection for Associated Switchboards for Through and/or Terminal Balancing
			660-476-501	2	Through Balance Drop Build-Out (DBO) Procedures and Verification Tests

Number	Issue	Subject
Addendum	1	
660-476-502	2	Terminal Balance — DBO Procedures and Verification
Addendum	1	
660-476-504	2	Test Routines, Test Circuits, Test Terminations, and Test Equipment Applications for Through and Terminal Balance
660-476-520	2	Selection of Office NBO in Large Class 5 Offices Served by 1/1A ESS Switches

No. 5 Crossbar Automatic Call Distributor System

660-477-010	1	Phase I — Administration and Records
660-477-100	1	Phase I — General Balancing Information
Addendum	1	
660-477-301	1	Phase I — Balance Requirements
660-477-500	1	Phase 1 — Balance Procedures — Network Build-Out Capacitance (NBOC) Selection
Addendum	1	
660-477-502	1	Phase I — Balance Procedures — Drop Build-Out Capacitor (DBOC) Selection and Verification
660-477-504	1	Phase I — Balance Test Equipment and Test Circuits
660-478-010	1	Phase II — Administration and Records
Addendum	1	
660-478-100	1	Phase II — General Balancing Information
660-478-301	3	Phase II — Balance Requirements
660-478-502	2	Phase II — Balance Procedures — Network Build-Out Capacitance (NBOC) Selection, Drop Build-Out Capacitor (DBOC) Selection, and Verification
660-478-504	2	Phase II — Balance Test Equipment and Test Circuits

AIS (Automatic Intercept Systems)

660-479-100	1	General Balancing Information
660-479-101	1	Extended Range — General Balancing Considerations — Administration and Records

Number	Issue	Subject
660-479-200	1	Extended Range — Net Build-Out (NBO) and Drop Build-Out (DBO) Capacitor — Selection and Application — AIS Test Circuit
660-479-301	1	Extended Range Balance Requirements and Verification Tests — Trouble Locating Procedures

No. 5 Crossbar Automatic Call Distributor System

Addendum	1	
660-480-100	1	Phase 1 Extended Range — General Balancing Information
660-480-101	1	Phase 1 Extended Range — General Balancing Considerations — Administration and Records
660-480-200	1	Phase 1 Extended Range — Net Build-Out and Drop Build-Out Capacitor Selection and Application
Addendum	1	
660-480-301	1	Phase 1 Extended Range — Balance Requirements

660-5 Trunk Maintenance — Locations Other Than Testboards

660-501-500	2	Trunk Transmission Testing Using the Loop-Around Method
660-502-500	2	Manual Two-Way Transmission Measurement and Far-End Noise Check Using Code 104-Type Far-End Equipment
660-503-500	1	Use of Expanded ROTL Balance and Long-Term (BALT) Test Port
Addendum	1	
660-510-120	1	RMS-D3 — User Manual
Addendum	1	
660-510-121	1	RMS-D3 — Administrator Manual
660-510-150AI	1	SARTS/RMS-I — DTU Administrator's Manual (8-93)
660-510-152AI	1	SARTS/RMS-I — DTU Administrator's Manual (8-93)
660-576-500	2	Methods of Terminating at Class 5 Direct Distance Dialing Offices for Terminal Balance Measurements AT&T document

Number	Issue	Subject	Number	Issue	Subject
660-6 Trunk Maintenance — Testboard Locations					
General					
660-600-010	2	Trouble Log for Combined Primary and Secondary Toll Testboards	■ Appendix 2AC	1	International DATAPHONE Digital Service — 56 KB/S and Subrate Digital Services
660-602-010	1	AOIT Test Frame — Routine Test Record — Form E-4323	■ Appendix 3AC	1	SKYNET International Digital Service — 56 KB/S and 1.544 MB/S Services
660-602-300	1	Use of the Automatic Outgoing Intertoll Test Frame	■ Appendix 4AC	1	Voice-Only Private Line Service Using Circuit Multiplication Systems
660-621-010	2	Classifying Distance Dialing Trouble Reports — DDD Service Bureaus (DDDSBs) and Data Service Bureaus (DSBs)	■ Appendix 5AC	1	Maintenance of Nonstandard International Leased Services
660-625-014	1	Trunk Performance Record Form E-5685	■ Appendix 6AC	1	ACCUNET Reserved 1.5 Service — International Video Teleconferencing
Addendum	1		660-630-311	1	Maintenance of International Record Carrier Circuits — Channels to Overseas Location — Private Line Services
660-625-300	3	Procedures for Reporting and Handling Service Reports on Toll Message Trunks, Private Lines and VF Circuits	660-630-312	2	International Services — Responsibilities and Trouble Locating Procedures for Circuits at Group and Supergroup Frequencies
660-625-500	3	Test of Reporting Trunks and Associated Equipment	■ 660-630-312AC	3	International Transmission Systems — Lineup and Maintenance of Groups and Supergroups Responsibilities for Trouble Location at Group and Supergroup Connector Points
International			■ Appendix 1AC	3	Maintenance Procedure — AT&T-C/COMSAT — Roaring Creek Earth Station
Addendum	1		660-630-322	1	Emergency Restoration of Overseas Services
660-630-010	3	International Service Results	660-630-350	4	Maintenance of Interzone International — Message Trunks
660-630-301	2	International Services — Plant Operations	660-638-500	1	Emergency Access Trunks at Class 1, 2, or 3 Toll Switching Offices
660-630-302	6	Identification of Offices Serving International Locations	Intertoll and Toll Connecting		
660-630-303	1	International Service — International Service Coordination Centers and International Network Management Centers	660-642-301	1	Trunk Maintenance — Test Board Locations — Testing and Sectionalizing IT and TC Trunks Using the Integrated or Intertoll Manual Test Frame and the Manual Test Frame Equipment With SMAS 3 in the Duit-Type Number 4 Crossbar Office
660-630-310	4	International Service — Maintenance of Special and Transit Services			
■ 660-630-310AC	6	International Services — Maintenance of Special Services — International ACCUNET® Reserved 1.5 Service — International DATAPHONE Digital Service — SKYNET® International Service — Maintenance of Transit Services			
■ Appendix 1AC	1	Analog Circuit Equalization and Parameter Limits, Data and Alternate Voice/Data Services			

Number	Issue	Subject
660-8 Cable and Open-Wire Plant — Maintenance		
General		
660-800-010	2	Toll Testboard Log for Open Wire and Cable Troubles
660-801-010	1	Toll Testboard Cable Records
660-802-010	1	Cable Trouble History — Testboard Record
660-803-010	1	Toll Cable Distance Records
660-804-010	1	Toll Cable Records — Facility Diagrams
660-805-010	1	Toll Testboard Cable Records — Constants and Corrections
Addendum	1	
660-806-100	2	Theory of Wheatstone Bridge Measurements and Line Fault Locations
660-806-500	1	Line Fault Location — Use of Wheatstone Bridges — KS-3011 and KS-5588
660-807-500	2	Faults — Open Wire and Cable — Voltmeter and Wheatstone Bridge — Testing Procedure
660-808-010	1	Gas Pressure Testing — History Record and Maintenance Summary — (Periodic Charging System)
Addendum	1	
660-809-500	1	Faults — Cable Under Gas Pressure — Wheatstone Bridge Measurements and Preparation of Pressure Graph

Number	Issue	Subject
Line Fault Location		
660-810-500	1	General Correction Methods
660-811-500	1	Correction for Office Cable, Toll Entrance and Intermediate Cable and Loading
660-812-500	1	Correction for Change in Gauge and Capacitance
660-813-500	1	Correction for Aerial and Underground Cable Temperature Differences
660-814-500	1	Correction for Transposed Cables
660-815-500	1	Supplementary Tests and Correction on Type J Carrier Lines
660-816-500	1	Correction for Cables Arranged for Type K Carrier
660-817-500	1	Test on Cable Pairs with Type N Carrier
660-818-300	1	Open Wire Breaks — Emergency Restoration of Facilities Using Covered Wire
Addendum	1	
660-819-500	2	Test Methods for Coaxial Cables
660-820-300	1	Reports of Lightning Damage to Toll Cables
660-822-300	1	Protector Drainage Installations on Open Wire and Toll Entrance Cable

660-830 ACE (Automated Cable Expertise)

❶ 660-830-001	4	User Manual
❶ 660-830-002	4	Installation Manual
❶ 660-830-003	4	A Short Cut to ACE

Division 662**Cable and Local Test Desks And Local Test Cabinets****662-0 Indexes and General Information****662-1 Cable Test Desks****662-2 Local Test Cabinets****662-3 No.12 and No.13 Local Test Desks****662-4 Local Test Desks****662-5 Customer Line Verification and Tests Involving Carrier, Range Extenders, and ESS™ (Electronic Switching System)**

Number	Issue	Subject
662-0 Indexes and General Information		
662-000-000	94	Numerical Index — Division 662 — Cable and Local Test Desks and Local Test Cabinets
662-001-011	2	ETL
662-1 Cable Test Desks		
662-100-001	2	Test Voltage Power Supply — Description, Connection, and Maintenance
662-100-100	1	No. 2 and No. 3 — Description of Equipment
662-100-500	1	No. 2 and No. 3 — Operating and Testing Methods
662-2 Local Test Cabinets		
662-200-100	2	No. 1 — Description of Equipment
662-200-500	3	No. 1 — Operating and Testing Methods
662-201-100	1	No. 2 — Description of Equipment
662-201-500	1	No. 2 — Operating and Testing Methods
662-202-100	7	No. 3 — Description of Equipment

Number	Issue	Subject
662-202-500	8	No. 3 — Operating and Test Procedures

662-3 No.12 and No.13 Local Test Desks

662-300-101	1	12-Type — Descriptive Information
662-300-500	2	12-Type — Operation and Test Procedures
662-300-502	3	12-Type — Line Insulation Testing
662-300-503	1	12-Type — Wheatstone Bridge Tests
662-305-100	2	No. 13 — Description of Equipment
662-305-500	4	No. 13 — Method of Operation

662-4 Local Test Desks**662-400 No. 14 (Local Test Desks)**

662-400-101	3	Descriptive Information
662-400-120	3	Console Test Position — Modified 14-Type — Descriptive Information
662-400-500	5	Testing Customer Lines — Operation and Test Procedures
662-400-501	7	Testing Customer Lines Using Remote Testing System — Operation and Test Procedures
662-400-502	4	Line Insulation Testing
662-400-503	1	Wheatstone Bridge Tests
662-400-504	3	Remote Testing System — Enhanced — Operation and Test Procedure
662-400-520	3	Console Test Position — Modified No. 14-Type — Operation and Test Procedure
662-400-524	2	Console Test Position — Modified No. 14-Type — Two- and Four-Wire Special Service Testing

662-405 No. 15 — Picturephone (Local Test Desk)

❶ 662-405-100	1	15A — Descriptive Information
❶ 662-405-101	1	Descriptive Information
❶ 662-405-500	1	15A — Operation and Test Procedure

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● 662-405-501	1	Operation and Test Procedures	662-505-503	2	Customer Lines Equipped With SLM Subscriber Loop Multiplexer System—Testing Procedures
● 662-405-701	1	Equalizer Adjustment	662-505-504	1	Testing Customer Lines Equipped With Subscriber Loop Carrier 1 (SLC®-1) System
Addendum	1		662-505-505	3	SLC® 8 Subscriber Loop Carrier System — Testing Customer Lines
● 662-405-800	1	15A — Replacement Procedure — Test Units	662-505-506	2	Customer Lines Equipped With SLC-40 Subscriber Loop Carrier System — Testing Procedures Using J93016 — Remote Test System At Local Test Desks and Local Test Cabinets
● 662-405-801	1	15B — Replacement Procedures — Test Units	662-505-507	3	Local Test Desks and Local Test Cabinets — Testing and Trouble Shooting Customer Lines — SLC-96 Carrier System — Equipped With Pair Gain Test Controller
662-410 No. 16 (Local Test Desk)			662-506-500	2	Loop Switching System (LSS) — Testing Customer Lines — Repair Service Bureau/Maintenance Center
662-410-100	5	Descriptive Information	662-510-500	6	Testing Customer Lines Equipped With Range Extender
662-410-300	1	Maintenance	662-515-500	2	Operation and Test Procedures — 1 and 1A ESS™ Switching Equipment
Addendum	1		662-515-506	1	Repair Service Bureau — Analyzing and Interpreting Messages on the Automatic Line Insulation Test (ALIT) — Teletypewriter Channel — No. 1E5 Electronic System
662-410-500	5	No. 16 Test Desk — Operation and Test Procedure	662-515-507	1	No. 1 ESS — 1E6 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
662-410-501	2	Subscriber Lines — Tests Using Remote Testing System	662-515-508	1	No. 1 ESS — 1E7 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
662-410-502	1	16-Type — Line Insulation Testing	662-515-522	1	Repair Service Bureau — Analyzing and Interpreting Messages on the Automatic Line Insulating Test (ALIT) — Teletypewriter Channel — No. 1AE5 Electronic Switching System
662-410-504	3	Remote Testing System — Enhanced — Operation and Test Procedures			
662-410-505	1	Supervisor Console			
662-5 Customer Line Verification and Tests Involving Carrier, Range Extenders, and ESS™					
662-500-100	3	Line Status Verifier — Description			
662-500-300	4	Line Status Verifier — Maintenance			
662-500-500	3	Line Status Verifier — Operation			
662-502-500	2	Line Status Verifier — Line Condition Simulator — Description, Operation, and Maintenance			
662-502-501	1	Line Status Verifier — Supervisor Console — Operation			
662-502-502	1	Line Status Verifier — Attendant Training Simulator — Description, Operation, and Maintenance			
662-505-500	2	Testing Customer Lines Equipped With Carrier Systems			
662-505-501	1	Testing Customer Lines Equipped With U1 Carrier System			
662-505-502	1	Local Test Desks and Local Test Cabinets Testing Customer Lines Equipped With KS-20988 Multichannel Subscriber Carrier			

Number	Issue	Subject	Number	Issue	Subject
662-515-523	1	No. 1A ESS — 1AE6 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center	662-518-501	2	Repair Service Bureau/Maintenance Center — Analyzing and Interpreting Messages — No. 1 Electronic Switching System/No. 10A Remote Switching System — 1E6 Generic
662-515-524	1	No. 1A — 1AE7 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center	662-518-502	1	No. 1 Electronic Switching System/No. 10A Remote Switching System — 1E7 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
662-516-500	3	Operation and Test Procedures — No. 2 and No. 2B Electronic Switching System	662-518-511	1	No. 1A Electronic Switching System/No. 10A Remote Switching System — 1AE6 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
662-516-501	2	Repair Service Bureau — Analyzing and Interpreting Messages on the Automatic Line Insulation Test (ALIT) — Teletypewriter Channel — No. 2 and No. 2B Electronic Switching System	662-518-512	1	No. 1A — No. 10A Remote Switching System — 1AE7 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
□ Addendum	1		662-518-520	1	No. 2B Electronic Switching System (ESS)/No. 10A Remote Switching System (RSS) — Operation and Test Procedures — Local Test Desk
662-516-502	2	Repair Service Bureau — Analyzing and Interpreting Messages on the Automatic Line Insulation Test (ALIT) — Teletypewriter Channel — No. 2 EF-2 and No. 2B EF2 Electronic Switching System	662-518-521	1	No. 2B Electronic Switching System — No. 10A Remote Switching System — 2BE3 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
662-516-503	1	No. 2B Electronic Switching System — 2BE3 Generic Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center	662-519-500	2	5ESS® Switching Equipment — Operation and Test Procedures — Local Test Desk
662-517-500	2	Operation and Test Procedures — No. 3 Electronic Switching System	662-519-501	1	No. 5 Electronic Switching System — 5E1 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
662-517-501	2	Repair Service Bureau — Analyzing and Interpreting Messages on the Automatic Line Insulation Test (ALIT) — Teletypewriter Channel — No. 3 Electronic Switching System	662-520-500	3	150A Ringer Counter Test Set — Description, Operation, and Maintenance
662-517-502	1	Repair Service Bureau/Maintenance Management Center — Analyzing and Interpreting Messages on the Automatic Line Insulation Test (ALIT) — Teletypewriter Channel — No. 3 Electronic Switching System — 3E3	662-520-505	2	149-Type Test Set for Detection of Unauthorized Equipment — Description, Operation, and Maintenance
662-518-500	2	1 or 1A ESS™ Switching Equipment — No. 10A Remote Switching System — Operation and Test Procedures — Local Test Desk and Local Test Cabinet			

Number	Issue	Subject
Addendum	1	
662-525-300	2	Automated Repair Service Bureau — Status Entry Device — Maintenance
Addendum	1	
662-525-301	1	Automated Repair Service Bureau — Status Entry Service Multiplexer — Maintenance
662-525-500	2	Loop Maintenance Operations System — Status Entry Device and Status Entry Device Multi- plexer — Operational Considera- tions
662-526-300	2	Automated Repair Service Bureau — Equipped With Line Status Verifier — Line Status Ve- rifier — Interface Unit — Mainte- nance
662-526-502	1	Automated Repair Service Bureau — Processor Switch J1P023H — Description and Operation
662-527-300	1	Automated Repair Service Bureau — Equipped With Au- tomatic Line Verifier — Loop Testing Frame/Line Fault Detec- tor — Troubleshoot Fault
662-527-302	1	Automated Repair Service Bureau — Equipped With Mechanized Loop Testing — Loop Testing Frame/Mechanized Measurement Module — Troub- leshoot Fault
662-530-300	2	Automated Repair Service Bureau — Equipped With Line Status Verifier — Trouble Locat- ing Procedures
662-531-300	1	Automated Repair Service Bureau — Equipped With Au- tomatic Line Verifier — Trouble Locating Procedures
662-531-302	1	Automated Repair Service Bureau — Equipped With Mechanized Loop Testing — Trouble Locating Procedures

Division 664**Testboards For Other Than Special Services**

664-0 Indexes, Equipment Test Lists, and General Information

664-1 No. 17B Testboard — General

664-2 No. 17B Testboard — No. 5 Crossbar Offices

664-3 No. 17B Testboard — Lower Unit J63516E and Modified Lower Unit J63516D — Arranged for No. 5 Crossbar Offices

664-4 No. 17B Testboard — Lower Unit J63516E — Arranged for Toll Switching Crossbar Tandem Offices

664-5 No. 17C Testboard

664-6 No. 18B Testboard

664-7 Tandem Patching Bay

664-8 Testboards No. 23A and B

Number	Issue	Subject
664-0 Indexes, Equipment Test Lists, and General Information		
664-000-000	23	Numerical Index — Division 664 — Testboards for Other Than Special Services
664-000-010	1	Testboards — Jack Field and Supplementary Designations
664-001-011	4	ETL
664-1 No. 17B Testboard — General		
664-100-100	1	Description and Operating Principles
664-100-500	1	Operating and Testing Methods
664-100-501	1	Cord, Position, Dial, and Keyset Circuits Using Test Circuit SD-55056-01 — Tests and Inspections
664-100-502	1	Cord, Position, Telephone, Dial and Keyset Circuit Tests — Using Test Circuit SD-61097-02 or SD-63971-01

Number	Issue	Subject
664-100-503	1	Patching Jack Board — Tests and Inspections

664-2 No. 17B Testboard — No. 5 Crossbar Offices

664-200-500	1	Operating and Testing Methods
664-200-501	1	Testing and Patching Arrangements — Operating and Testing Methods
664-200-502	1	Dial Loop Test Trunk Circuit — Operating and Testing Methods
664-200-503	1	Testing Procedures Using E and M Supervision Test Trunk Circuit
664-200-504	1	Signal Test Panel Connecting Cord — Operating and Testing Methods
664-200-505	1	Dial Cord Circuit — Operating and Testing Methods
664-200-506	1	Probe Cord and Tone and Holding Trunk — Operating and Testing Methods
664-200-507	1	Lower Unit with No. 5 Crossbar Testing Facilities — Transmission and Noise Tests — Operating and Testing Methods

664-3 No. 17B Testboard — Lower Unit J63516E and Modified Lower Unit J63516D — Arranged for No. 5 Crossbar Offices

664-300-500	1	Arranged for Toll Switching — No. 5 Crossbar Offices with or without No. 3-Type Switchboards — Operating and Testing Methods
664-300-501	1	Sleeve Supervision Test Circuits — Operating and Testing Methods
664-300-502	1	Reverse Battery — Loop Supervision Test Circuit — Operating and Testing Methods
664-300-503	1	Neon Lamp Signaling Test Circuit — Operating and Testing Methods
664-300-504	1	Dial Cord Circuit — Operating and Testing Methods
664-300-505	1	Tone and Holding Trunk Circuit — Operating and Testing Methods

Number	Issue	Subject	Number	Issue	Subject
664-300-506	1	Measurement of Wiring Losses to Determine Pad Values for Transmission Measuring Circuits	664-600-501	1	Lower Unit — Testing Methods in Nos. 1 and 2 Switchboard Offices and Nos. 1D, 9C, 9D, 10, 11 (Bridged Supervision) and 12 Offices
664-4 No. 17B Testboard — Lower Unit J63516E — Arranged for Toll Switching Crossbar Tandem Offices			664-600-502	1	Lower Unit — Testing Methods for Message Trunks in Decentralized DSA Switchboards or Crossbar Tandem Offices
Addendum	1		664-600-503	1	Lower Unit — Testing Methods for Message Trunks Serving Connecting Company Offices
664-400-500	1	Operating and Testing Methods	664-600-504	2	Cord and Key Pulsing Circuits — Continuity and Operations Tests — Using Test Circuit SD-63971-01 or SD-55056-01
664-400-501	2	Test Procedures — Reverse Battery Loop Supervision Test Cords	664-7 Tandem Patching Bay		
664-400-502	1	Test Procedures — Neon Lamp Signaling Test Circuit	664-710-100	1	For Spare Equipments and Patching Trunks for 4-Wire and 6-Wire VF Circuits
664-400-503	1	Tone and Holding Trunk Circuit for Trouble Tracing in 2-Wire Switching Offices — Operating and Testing Methods	664-8 Testboards No. 23A and B		
664-400-504	1	Test Procedures — Dial Cord Circuit	❶ 664-800-100	1	General Description
664-400-505	1	Arrangement for Measuring Losses to Determine Pad Values for Transmission Measuring Circuits	664-800-101	1	23B — General Description
664-400-506	4	Transmission and Noise Measurements — Message Trunks	❶ 664-800-300	1	23A — No. 5 Crossbar Offices — Arranged for Picturephone Service — Operating and Testing Methods
664-5 No. 17C Testboard			664-800-301	1	23B — No. 5 Crossbar Offices — Arranged for Picturephone Service — Operating and Testing Methods
664-500-010	2	Emergency Calls Requiring Plant Department Assistance	❶ 664-800-800	1	Arranged for Picturephone Service — Test Set Removal and Replacement Procedures
664-500-100	2	Description	664-800-801	1	23B — Arranged for Picturephone Service — Test Set Removal and Replacement Procedures
664-500-500	5	Operating and Testing Methods			
664-500-501	2	Measurement and Adjustment of Pads for the Transmission and Noise Measuring Circuit Per SD-95900-01			
664-500-502	1	Cord and Position Circuits Continuity Tests — Using Test Circuit SD-55534-01			
664-6 No. 18B Testboard					
664-600-100	1	Description and Operating Principles			
664-600-500	2	Lower Unit — Operation and Testing Methods in No. 3 or No. 11 (Sleeve Supervision) Switchboard Offices			

Division 666

Testboards and Test Positions For Special Services

666-0 Index, Equipment Test List, and General Information

-000 Indexes

-099 CIRs (Customer Information Releases)

666-1 No. 2 and No. 9B Telegraph Serviceboards and No. 9 Telegraph Testboard

666-2 17E AND 19A Testboards

-200 17E Testboard

-201 19A Testboard

666-3 Telegraph, Toll, and Teletypewriter Testboards

-300 10A Telegraph Testboard

-301 10B Telegraph Testboard

-302 10C Telegraph Testboard

303 17B Toll Testboard

-304 20A TWX* (Teletypewriter Exchange Service)

666-4 21A Testboard

666-5 Private Line Testboards

-500 No. 22A Testboard — Switched Maintenance Access System No. 1A

-501 No. 22A Testboard — Manual Access Arrangement

-502 No. 22A and No. 24B Testboards

-511 Test of Data Services

-512 DATASPEED® Test System and Test Access Console

666-6 Test Positions for Special Services

-600 DDS (Digital Data System)

-610 SARTS 1A (Switched Access Remote Test System 1A)

-611 Processor Controllers - SARTS 1A

-612 Test Position 52A - SARTS

-615 RTS 5A (Remote Test System 5A) - SARTS

-616 RMS (Remote Measurement System)

-617 DATAPHONE® Test Center

666-7 Test Procedures for Private Line Telegraph Switching Systems

-700 SSO Marketing and Training

-702 Selective Calling Service STC (Serving Test Center)

Number	Issue	Subject
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666-0 Index, Equipment Test List, and General Information

666-000 Indexes

666-000-000	38	Numerical Index — Division 666 — Testboards and Test Positions for Special Services
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666-001-011	2	Toll Type Equipment — No. 2 and No. 9B Telegraph Serviceboard — No. 9 Telegraph Testboard — Testboards and Test Positions
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666-099 CIRs

666-099-009TD	5	Remote Measurement System — Metallic (RMS-M1/M-Driver) Planning Guide, Operations Systems
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666-099-018NP	2	Switches Access Remote Tests System (SARTS) AT-2 Feature, Operations Systems
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666-099-034PS	1	SARTS Generic 2PC3 Feature — Automated SMAS Diagnostics, Operations Systems
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666-099-035NP	1	SARTS (Switched access Remote Test System), Features — Enhanced SARTS and UAS (User Administration Subsystem), Operations Systems
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666-099-036NP	2	SARTS 2PC3 GI-5 Billable Feature, Operations Systems
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666-099-037NP	4	RMS-MS Planning Guide, Operations Systems
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666-099-038NP	1	Flow through and Data Manager, Operations Systems
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666-099-039NP	1	RMS-D1 Release 4 System Planning Guidelines, Operation Systems
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666-099-040NP	1	RMS-D1 Release 5 System Planning Guidelines, Operation Systems
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Number	Issue	Subject	Number	Issue	Subject
666-099-041NP	1	SARTS Autotest — Digital (AT-D), Operations Systems	666-099-062TD	11/92	Switched Access Remote Test System (SARTS) GI-9.0/8.1 Implementation Planning Guide for VAX
666-099-042NP	1	SARTS 2PC3 G1-6 — Operations Systems	666-1 No. 2 and No. 9B Telegraph Serviceboards and No. 9 Telegraph Testboard		
666-099-043TD	1	SARTS/DATAKIT® UC5 Switched BISYNC Communications	666-100-100	3	No. 2 and 9B Telegraph Serviceboards Direct-Leg Arrangements — Description and Operating Principles
666-099-045NP	1	Switched Access Remote Test System (SARTS) Manager, Operations Systems	666-100-500	1	2-Way Station Test Line Circuit SD-70924-01 — Tests — No. 2 or 9B Telegraph Serviceboard — No. 9 Telegraph Testboard
666-099-046TD	1	SARTS TA201:XL Translator — Operations Systems	666-100-501	1	Station Monitoring Test Line Circuit SD-70925-01 — Tests — No. 2 or 9B Telegraph Serviceboard — No. 9 Telegraph Testboard
666-099-047NP	3	Remote Measurement System — DS1/DS1A (RMS-DS1/RMS-DS1A) Release 1, Operation Systems	666-100-502	1	2-Way Station Line Circuit SD-70926-01 — Tests — No. 2 or 9B Telegraph Serviceboard — No. 9 Telegraph Testboard
666-099-048IR	3	Remote Measurement System — DS1 (RMS-DS1), Operations System	666-100-503	1	Printer Service Position — No. 9 Telegraph Testboard
666-099-049TD	1	SARTS 2PC3 GI-5 Implementation Planning Guide	666-101-100	2	No. 2 Telegraph Serviceboard — Description and Operating Principles
666-099-050NP	1	SARTS 2PC3 GI-5 Billable Feature	666-101-500	1	No. 2 Telegraph Serviceboard — Operating and Testing Methods
666-099-051IR	2	Spares Exchange Service for RMS-D1, RMS-DS1, RMS-M and RMS-MS, Operations Systems	Addendum	1	
666-099-052NP	1	SARTS Analog AutoTest Features, Operations Systems	666-102-100	1	No. 9B Telegraph Serviceboard — Hub Operation
666-099-053NP	1	Switched Access Remote Test System SARTS Generic 2PC3 General Issue 6.1 Features	666-103-100	1	Voice Frequency Line Test Connector — Description and Operation
666-099-054TD	1	SARTS G16 Implementation Planning Guide, Operations Systems	666-103-101	1	Voice Frequency Line and Test Position — Description and Operation
666-099-055IR	1	SARTS/DATAKIT II VCS — x.25 Communications	666-2 17E AND 19A TESTBOARDS		
666-099-057TD	1	DATAKIT VCS for SARTS PC Communication Links, Operations Systems	666-200 17E Testboard		
666-099-058TD	1	Switched Access Remote Test System SARTS GI-6.1 Implementation Planning Guide	666-200-100	1	General Description
666-099-059TD	1	Switched Access Remote Test System SARTS GI-7.0 Implementation Planning Guide	666-200-300	1	Measurement and Adjustment of Pads for the Transmission Measuring Circuit
666-099-060NP	2/92	Remote Measurement System — RMS D1 Generic 6.0			
666-099-061NP	6/92	SARTS GI-7.1 Implementation and Planning Guide			
666-099-062NP	7/92	Switched Access Remote Test System Fault Tolerant SARTS FT Migration			

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666-200-501	4	Operational Tests	666-400/410		
666-201 19A Testboard			666-400-100	2	General Description
666-201-100	3	General Description	666-400-300	2	Measurement and Adjustment of Transmission Test Trunks
666-201-300	2	Measurement and Adjustment of Pads for the Transmission Measuring Circuit	666-400-500	1	Measurement of Office Losses
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666-201-500	3	Operational Tests	❶ 666-400-502	1	21A Testboard — Multiaddress Bridge — Tests — AUTOVON Network
666-201-501	2	Measurement of Office Losses	666-410-100	1	Mobile Voice-Frequency (VF) — Transmission Test Cabinet — Description
666-201-504	1	Multilevel Preemption Tests — Autovon Network	666-410-500	1	Mobile Voice Frequency (VF) — Transmission Test Cabinet — Operational Tests
666-3 Telegraph, Toll, and Teletypewriter Testboards					
666-300 10A Telegraph Testboard			666-5 Private Line Testboards		
666-300-100	1	Description of Equipment	666-500 No. 22A Testboard — Switched Maintenance Access System No. 1A		
666-300-500	1	Operating and Testing Methods	Addendum	1	
666-300-501	2	Operation Tests	666-500-100	2	Description
666-301 10B Telegraph Testboard			666-500-500	2	Operational Test
666-301-100	1	Description of Equipment	666-500-501	2	Use of Signaling and Transmission Equipment — Restoral Circuit
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❶ 666-301-500	2	Method of Operation	666-501-100	1	Description
666-301-501	1	Operation Tests	666-501-500	1	Operational Tests
666-302 10C Telegraph Testboard			666-502 No. 24A and No. 24B Testboards		
666-302-100	1	Description of Equipment	666-502-100	2	Description
666-302-500	1	Method of Operation	666-502-500	2	Operational Tests
666-302-501	2	Operation Tests	666-511 Test of Data Services		
666-303 17B Toll Testboard			666-511-501	2	Provided by Data Set 201C From a Private Line Test Room
666-303-500	2	Arranged for Testing TWX Trunks — 2-Wire Switching No. 5 Crossbar Offices	666-511-502	1	Provided by Data Set 202T From a Private Line Test Room
666-304 20A TWX			666-511-503	2	Provided by Data Set 208A-Type From a Private Line Test Room
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666-512-101	1	Maintenance and Tests
666-512-102	1	Remote Test Access Unit — Description and Operation
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666-6 Test Positions for Special Services

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666-600-101	2	Switched DDS — 950B Test- board (J70176C) — Description and Operation
666-600-300	2	950A Testboard (J70176A and B) — Maintenance Procedures
666-600-301	2	Switched DDS — 950B Test- board (J70176C) — Maintenance Procedures
666-600-500	2	950A Testboard (J70176A and B) — Inspection and Mainte- nance — Tests
666-600-501	2	Switched DDS — 950B Test- board (J70176C) — Inspection and Maintenance — Tests

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666-610-100	15	SARTS No. 2PC3 General Description (6-93)
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666-610-102	7	Command and Display Descrip- tion
666-610-105	1	DIGITEST — User's Manual
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666-610-501	8	RTS 5A (Remote Test System 5A) — Acceptance and Mainte- nance Tests
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666-611 Processor Controllers — SARTS 1A

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666-611-130	2	No. 2 PC (No. 2 Process Con- troller) — Generic 2PC3 — Gen- eral Description
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666-611-144	2	SARTS (Star Server™ FT)— Administrator's Manual (6-93)
666-611-145	4	Flowthrough Data Manager (FTDM) Generic 3.1 — User Guide (2 vols.) (12-93)
■ 666-611-150AI	2	SARTS (StarServer FT) Interna- tional Administration Manual
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■ 666-611-154	1	SARTS Administrator's Manual (Singapore) (11-93)
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666-611-210	2	SARTS Deployment SMAS Im- plementation (6-92)
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666-611-310	2	No. 2 PC — Maintenance Methods
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666-612-102	1	Scheduled Test Applications
666-612-103	1	Secondary Channel Testing — Application Handbook
666-612-104	8	SARTS User's Manual — Test Commands (12-93)
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■ 666-612-106	1	FEFI User's Manual (2-94)
666-612-109	1	SARTS GI-7.1 — Test Command Menus (6-92)
666-612-111	1	SARTS — Macro Commands
■ 666-612-112	4	SARTS Test Commands Modifications and Additions
■ 666-612-150AI	3	SARTS User's Manual Graphic User Interface (GUI) (International)
■ 666-612-150DE	1	SARTS User's Manual Graphic User Interface (GUI) (German) (11-93)
■ 666-612-150ES	2	SARTS User's Manual Graphic User Interface (GUI) (Spanish) (12-94) ‘ ‘
■ 666-612-151TW	1	SARTS Test Commands (Taiwan) (11-93)
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666-612-207	1	SARTS User's Manual — RMS-D1 Test Commands (7-94)
666-612-208	1	SARTS User's Manual — RMS-DS1 Test Commands (7-94)
666-612-209	1	SARTS User's Manual — TA201:XL Test Commands (7-94)
666-612-210	1	SARTS User's Manual — System Messages (7-94)
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666-615 RTS 5A — SARTS

666-615-300	2	Maintenance Methods
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666-616 RMS (Remote Measuring System)

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666-616-101	7	RMS-D1 — Administrator's Manual Maintenance Position Volumes 1 and 2 (12-92)
666-616-102	3	RMS-D1 — Binder for Application Software
666-616-105	3	RMS-D1 and RMS-DS1 Commands — Job Aid
666-616-110	3	RMS-DS1 User's/Administrator's Manual
666-616-111	1	RMS-DS1 Administrator's Manual
666-616-120	6	RMS-Metallic — User's Manual (6-93)
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666-616-121	6	M-Driver — User's Manual (2-92)
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	666-617-104	2	DATAPHONE II Data Communi- cation Service — Administrative Methods

**666-7 Test Procedures for Private Line Telegraph Switch-
ing Systems**

666-702 Selective Calling Service — STC

666-702-500	1	85A-Type Data
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Division 667**Switched Maintenance Access and Servicing Systems****667-0 Index and General Information****-097 All CIRs (Customer Information Releases) Except AT&T-C****-099 General Distribution CIRs****667-1 SMAS (Switched Maintenance Access Systems) No. 1A****667-2 SMAS No. 2A****667-3 SMAS****-301 No. 3A, 3B, and 3C****-302 No. 4A****-303 No. 5A and 5B****667-4 SASSY (Switched Access Servicing System)****-400 SASSY****667-5 RMS-DAU — (Remote Measurement System — Digital Access Unit)****-500 RMS-DAU**

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667-301-300	1	Maintenance Considerations
667-301-310	1	Manual Access Panel — Operating Procedure
667-301-311	1	Type 2 Nonmetallic Manual Access Panel J98622AR and Communication Panel J98626AA — Method of Operation
667-301-312	1	Type 2 Metallic Manual Access Panel J98622AS and Type 2B Metallic Manual Access Panel J98622BP — Method of Operation
667-301-313	1	Type 2BX Nonmetallic Manual Access Panel J98622AU and Communication Panel J98626AA — Method of Operation
667-301-314	1	Type 2BX Metallic Manual Access Panel J98622BN — Method of Operation
667-301-320	1	Maintenance Line Control Panel — Operating Procedures
667-301-321	1	Maintenance Line Control Panel in the Manual Test Frame and the Integrated or Intertoll Manual Test Frame — Operating Procedures
Addendum	1	
667-301-330	1	Amplifier and Pad Adjustment
667-301-500	1	Overall System Tests
667-301-501	1	Maintenance Connector (J98622AA-1) and Manual Access Panel (J98622AD-1) Test
667-301-502	1	Common Control and Concentrator — Tests

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667-301-507	1	Maintenance Line Control Panel in the Manual Test Frame and the Integrated or Intertoll Manual Test Frame			
667-301-508	1	Common Systems — Voice-Frequency Transmission — CMS Interface Register Bank Circuit — Tests			
667-301-509	1	Type 2 Metallic Maintenance Connector J98622AP, Type 2B Metallic Maintenance Connector J98622BM, Type 2 Metallic Manual Access Panel J98622AS, and Type 2B Metallic Manual Access Panel J98622BP — Tests			
667-301-510	1	Type 2BX Nonmetallic Maintenance Connector J98622BK, Type 2BX Nonmetallic Manual Access Panel J98622AU, and Communication Panel J98626AA — Tests			
667-301-511	1	Type 2BX Metallic Maintenance Connector J98622BK and Type 2BX Metallic Manual Access Panel J98622BN — Tests			
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667-302-110	3	Description	■ 667-400-001AC	3	User Document
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			667-5 RMS-DAU		
			667-500 RMS-DAU		
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668-010 DATAPHONE® Service on DDD

668-010-300	2	Data Systems — DATAPHONE® Service and Other Data Services on the Direct Distance Dialing Network — Trouble Analysis Procedures
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668-101-512	1	904A- and 904C-Type Test Procedure — Data Set 112A-Type Loop-Back Test
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668-101-515	1	904A/C and 904B/D Data Test Centers — Test Procedures — Data Set 113D-Type

668-102 904A, B, C, and D Data Test Centers

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668-102-501	1	904A/C and 904B/D Test Procedures — Data Set 201C-Type
668-102-510	3	904B and 904D Types — Test Procedure — Data Sets 202A and 202B — Dynamic Test
668-102-511	1	904A- and 904C-Types — Test Procedure — Data Set 202A and 202B Loop-Back Test
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668-102-515	1	904A- and 904C-Type — Test Procedure — Data Set 202G — Loop-Back Test	668-104-507	2	904A- and 904C-Types — Test Procedures — Data Set 401L-Type
668-102-517	3	904A/B and 904C/D — Test Procedures — Data Set 202R — Loopback and Dynamic Tests	668-104-508	2	904A- and 904C-Types Test Procedure — Data Set 401M-Type — Loop-Back and Interface Tests
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668-102-540	2	904C- and 904D-Types — Test Procedures — Data Set 205B-Type — Loopback Tests	668-104-522	5	904A- and 903C-Types — Test Procedure — Data Set 402C-Type — Loopback and Dynamic Tests
668-102-541	2	904C and 904D-Types — Test Procedures — Data Set 205C-Type — Loopback Test	668-104-523	3	904A- and 904C-Types — Test Procedure — Data Set 402D-Type
668-102-550	1	Test Procedures — Data Set 208A-Type	668-104-530	2	904A- and 904C-Types — Test Procedure — Data Set 403A Loop-Back Test
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668-102-552	1	904A/B and 904B/D Data Test Centers — Test Procedures — 209A-Type Data Set	668-104-531	4	904A- and 904C-Types — Test Procedure — Data Sets 403D9, 10, 11, and 12, and 403E5 and 6
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668-104-504	4	904A and 904C-Types — Test Procedure — Data Set 401H-Type			
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668-106-510	2	Test Procedure — Data Set 603A Loop- Back Test	□ 668-125-504	1	DATASPEED 40/4 4540 Test Procedures Using a 18388 Test Set Generator (TSG 40/4)
668-106-511	2	Test Procedure — Data Set 603B	□ 668-125-507	1	Synchronous DATASPEED 40/4 — Direct Distant Dialed — Single Display Station — BSC Protocol — Testing Using Pacer M-103 LB1/2 Data Line Monitor/Simulator
668-106-512	1	Test Procedure — Data Set 603D Loop- Back Test	668-125-509	2	Integrated Synchronous DATASPEED 40 Receive-Only — Printer Station Testing Using Pacer M103-LB1 or LB2 Test Set
① 668-106-515	2	Test Procedure — Data Set 604A-Type	□ 668-125-510	1	DATASPEED 4540 Printer Line Display Station for ADCCP System Applications Testing — Using Pacer M-103-L3 V2 Data Line Monitor/Simulator
① 668-106-516	2	Test Procedure — Data Set 604B-Type	668-125-511	1	Synchronous DATASPEED 40/4 — 4540 BI-SYNC — Test Procedures (/4ATC4 and /4ETC4) Using Pacer-103, LB1/2 Data Line Monitor/Simulator
668-108-500	3	Test Procedure — Data Auxiliary Set 801A- Type	668-126-500	1	2510/2511 CDT Private Line — BISP Stations — STC/DTC Test Procedures — Using DATASPEED 40 Test Position
668-108-501	3	Test Procedures — 801CR-Type and 801C List-Type Data Auxiliary Sets	668-127-500	1	DATASPEED RO Page Printer — Switched Network Service — Test Procedures — Using DATASPEED 40 Test Position
668-108-510	3	Test Procedure — Data Auxiliary Set 806A- Type	668-130-500	1	43 Teleprinter — Basic KSR for DATAPHONE Service Testing and Diagnostic Procedures
668-110-500	1	Test Procedure for Data Access Arrangements	668-130-501	1	43 Teleprinter 8-Level Buffered Send/Receive (BSR) — Station Testing Using DATASPEED 40 Test Position
668-120-500	2	904B- and 904D-Types — Test Procedure — Type 1 and 2 DATASPEED® Tape Sender — Dynamic Test	668-130-502	1	The 43 Basic Teleprinter (ASCII) with Selective Calling Feature for Private Line Applications Testing — Using DATASPEED 40 Test Position
668-120-501	3	904B- and 904D-Types Test Procedure — Type 5 DATASPEED Tape Senders			
668-120-502	1	DATASPEED 2A Tape Sender Station — Test Procedures Using DATASPEED 40 Test Set			
668-121-500	1	904B- and 904D-Types — Test Procedure — DATASPEED Tape Receiver Unit — Dynamic Test			
668-121-501	1	Test Procedure — Type 5 DATASPEED Tape Receiver			
668-121-502	1	2B Tape Receiver Station — Test Procedures Using DATASPEED 40 Test Set			
668-122-500	1	DATASPEED 4210 Magnetic Tape Terminal — Test Procedures — Using DATASPEED 40 Test Position			
668-125-500	1	DATASPEED 40 Switched Network Service — Test Procedures Using DATASPEED Test Position			
668-125-502	1	DATASPEED 40 With 9140 Station Controller — Test Procedures — Using DATASPEED 40 Test Position			

Number	Issue	Subject	Number	Issue	Subject
668-130-503	1	The 43 Basic Teleprinter (ASCII) With Selective Calling Feature for Private Line Applications Testing — Using Pacer-103 — LB1/2 Data Line Monitor/Simulator	668-301-101	1	DATAPHONE® II Service Testing — Signal Quality Interpretation Performance Maintenance Operations Control Centers
668-130-504	1	43 Teleprinter 8-Level Buffered Selective Calling (BSC) — Station Testing Using DA-TASPEED® 40 Test Position	❶ 668-301-500	1	DATAPHONE II Service Test Position — Test Procedures
668-130-505	2	43 Teleprinter 5-Level Buffered Selective Calling (BSC) Station Testing Using 921A Data Test Set or 28-Type KSR or TEKTRONIX* Model — 834 Data Communications Tester	❶ 668-302-500	2	Use of 904F Position With 904C and 904D Data Test Centers — Test Procedures — Data Set 207-Type — Loop-Back — Dynamic Tests
668-140-500	1	COMM-STOR† II Communications Storage Unit — Remote Test Procedures	❶ 668-302-501	1	Use of 904F Position With 904C and 904D Data Test Centers — Test Procedures — Data Set 205B-Types — Loop-Back — Dynamic Tests
668-140-501	1	COMM-STOR II Communications Storage Unit — Equipped With 8A1/8B1 Protocol Option — Remote Testing Procedures	❶ 668-302-502	1	Use of 904F Position With 904C and 904D Data Test Centers — Test Procedures — Data Set 205C-Type — Loop-Back — Dynamic Tests
668-140-503	1	Line Control Unit (LCU) — Remote Test Procedures — COMM-STOR II Communications Storage Unit	668-4 904G-, H-, and L-Type Data Test Centers		
668-2 904E Data Test Center			668-400-100	5	Description and Operation
668-200-500	1	Operation	668-400-500	4	Inspection and Maintenance Tests
668-200-501	1	Inspection and Maintenance Tests	668-400-501	1	Station Tests
668-202-500	1	Test Procedure — Data Set 205A — Loop- Back Test	668-400-502	1	Test Procedures — Data Set 103J
668-204-500	1	Test Procedure — Data Set 404A — Loop- Back Test	668-400-503	1	Test Procedures, Data Set 113C
❶ 668-206-500	2	Test Procedures — Data Set 602B-Type	668-400-504	1	Test Procedures — Data Set 113D
668-3 Supplementary 904-Type Data Test Centers			668-400-505	1	Test Procedures, Data Sets 108F and 108H
668-300-100	1	Description	668-400-506	1	Test Procedures, Data Sets 108G and 108J
			668-400-507	1	Test Procedures, Data Sets 212A
			668-400-508	1	Test Procedures — 407C Multiple Data Station
			668-400-509	1	Test Procedures — 1A Transaction Telephone Test Line Station

* TEKTRONIX is a registered Trademark of Tektronix, Inc.

† COMM-STOR is a registered Trademark of Sykes Datatronics, Inc.

Number	Issue	Subject
668-6 Automatic Data Test System (ADTS)		
668-600-100	3	J1P005 — Description
668-600-101	3	J1P005 — Operation From Local Terminals
668-600-102	3	J1P005 — Operation From a Remote Terminal
668-600-190	1	Engineering and Implementation Method System
668-600-300	4	J1P005 — Maintenance
668-600-500	4	J1P005 — Operating Procedures
668-600-501	3	J1P005 — Off-Line Maintenance Procedures
668-600-502	3	J1P005 — Automatic Voice Answer-Data Test (AVA-DT) — Maintenance Procedures

Division 680**Loop Assignment Distribution Service****680-0 Indexes and General Information****680-1 Assignment Records****680-2 Exchange Cable and Wire Records****680-3 Construction Plans****680-4 Telephone Set Field Inventory Controls****680-5 Service Order Assignments and Procedures****680-8 Other Plant Assignment Methods and Procedures**

Number	Issue	Subject
680-100-016	1	Facility Locations Record — Community Dial Office Areas
680-105-010	4	Dedicated Plant Assignment Card — Description and Use — Loop Assignment
680-105-015	2	Talk Pair, Talk Circuit, and Order Wire — Establishment and Administration
680-105-020	1	Dedicated Outside Plant 1A Line Concentrator Administration
680-120-010	2	Miscellaneous Central Offices Facilities Record — Description and Use — Loop Assignment
680-120-013	1	Tie Cable Pair Administration
680-122-010	4	Customer Loop Bridge Lifters — Application and Administration — Loop Assignment Center
Addendum	1	
680-124-010	1	PBX Switchboard Card Record

Number	Issue	Subject
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680-0 Indexes and General Information

680-000-000	99	Numerical Index — Division 680 — Loop Assignment — Distribution Service
680-000-005	1	Alphabetical Index — Plant Assignment — Divisions 680 Through 689
680-000-100	1	Filing Equipment and Filing Arrangements
680-000-101	3	Abbreviations and Codes — Definition and Use — Loop Assignment

680-1 Assignment Records

680-100-010	3	Terminal Assignment Record — General
680-100-011	2	Terminal Assignment Record — Street, Block, and Alley Distribution
680-100-012	2	Terminal Assignment Record — Building Distribution
680-100-013	2	Terminal Assignment Record — Exchange Wire Distribution
680-100-014	2	Facility Locations Record for Un-numbered Houses or Buildings
680-100-015	3	Assignment Record Discrepancies Investigation

680-2 Exchange Cable and Wire Records

680-200-010	2	Subscriber Cable Record
680-201-010	7	Exchange Customer Cable Record (ECCR) — General
680-201-011	2	Exchange Subscriber Cable Record — Line Concentrators
680-201-013	4	Cable Pressure Contactors (CPC) — Remote Air Dryer Equipment Alarm (ADE) — Cable Pressure Transducer (CPT) — Assignment Records and Procedures
680-201-014	1	Exchange Subscriber Cable Record — Assignments in PIC Cable
680-201-016	4	Administration SLC® 8 Subscriber Loop Carrier System and Similar General Trade Systems — Loop Assignment Center
680-201-017	1	Subscriber Loop Multiplexer (SLM) — Assignment Center Procedures
680-201-018	3	Digital SLC 40 Subscriber Loop Carrier System — Description and Administration — Loop Assignment
680-201-019	1	Subscriber Loop Carrier 1 (SLC 1) System — Assignment Office Procedures

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		680-300-014	2	Construction Plans — Access or Control Point Work Sheet
680-201-020	2	SLC 96 Subscriber Loop Carrier System — General Description and Administration — Loop Assignment	680-4 Telephone Set Field Inventory Controls		
680-201-021	2	Administration — Loop Switching System (LSS) — Loop Assignment Center	680-400-010	4	Index
Addendum	1		680-400-011	4	Introduction
680-201-022	1	No. 10A Remote Switching System (RSS) — Description and Administration	680-400-012	4	Administrative Control Reports
Addendum	1		680-400-013	4	Plant Left-In Record
680-201-030	1	Cable Pressure Monitoring System (CPMS) — Assignment Office Administration	680-400-015	2	Field Forces Procedure for Telephone Set Removal
680-202-010	1	Telephone Answering Systems — Description and Administration — Loop Assignment Center	680-400-016	2	Daily Control of Outward Telephone Sets — Form E-5055
680-207-010	2	Checking Cable Pair Records	680-400-017	2	Exception Reports — Forms E-5592 and E-5054
680-220-010	2	Exchange Wire Record — General	680-400-018	2	Telephone Sets Loaned or Preinstalled
680-220-011	2	Exchange Wire Record — Preparation	680-400-019	1	Identifying Shipments, Return, and Transfers at the Plant Service Center Area Level
680-220-012	2	Exchange Wire Record — Work Sheets	680-400-020	1	Preparation for and Checking of Field Inventories of Station Apparatus
680-220-013	2	Exchange Wire Record — Protection	680-400-021	1	Inventorying Station Apparatus in Field Stock
680-220-014	1	Exchange Wire Record — Lead and Pole Numbering	680-400-022	1	Reporting and Investigating Differences Between Material Ordered and Received
680-220-015	1	Exchange Wire Record — M1 Carrier	680-400-023	1	Leading Demand Procedures
680-220-016	1	Exchange Wire Record — Placing, Removing and Rearranging Wire	680-400-024	1	Designed Truckload Procedures
680-3 Construction Plans			680-5 Service Order Assignments and Procedures		
680-300-010	3	Engineering Work Orders — General	Addendum	1	
680-300-011	3	Engineering Work Orders — Processing and Recording — Loop Assignment	680-500-010	1	Assignments on Service Orders, Transfers, Etc. in Crossbar Dial Offices
680-300-012	3	Cable Transfers — Preparation and Processing — Loop Assignment Conventional and Photocopy Methods	680-500-014	1	Advance Wiring of Equipment in Electromechanical Central Offices
680-300-013	2	Construction Plans — Line or Station Transfers	680-511-010	1	Wide Area Telecommunication Service (WATS) Assignment Procedures
			680-515-010	1	Community Antenna Television (CATV) — Distribution Systems — Description and Assignment Procedures
			680-520-010	3	Special Services — Administration and Protection — Loop Assignment Center

Number	Issue	Subject	Number	Issue	Subject
680-520-011	1	Special Service Protection and Special Safeguarding Measures — Service and Work Order Administrative Requirements	680-536-101	2	3 ESS Switch Service Order Procedures Using the Service Order Teletypewriter (Generic Program SO-2)
680-520-012	1	Special Service Orders Provisioning Intervals and Measurements	680-536-102	1	3 ESS Switch Service Order Procedures Using the Service Order Teletypewriter (Generic Program 3E3)
680-530-010	3	Preparation of Station Number Cards in Assignment Offices	680-536-201	1	5ESS® Switch — 5E1(2).1 and Later Generic Programs
680-535-009	1	1 ESS™ Switch — Short Jumper Assignment for Modular Main Distributing Frames	680-537-010	2	Unigauge Designed Plant — Assignment Procedures
680-535-013	6	1 ESS Switch Service Order Recent Change Procedures — (1E3, 1E4, and 1E5 Generic Programs) — 2-Wire	Addendum	1	
680-535-019	5	1/1A ESS Switches Service Order Recent Change Messages (Through 1E7/1AE7 Programs) — General Information and Administrative Procedures — 2-Wire	680-537-011	1	Concentrated Range Extension With Gain (CREG) — System Design for Outside Plant — Loop Assignment Center Procedures
680-535-020	6	1/1A ESS Switches Order Verification Messages — Description (Through 1E7 and 1AE7 Generic Programs) — 2-Wire	Addendum	1	
680-535-021	6	1/1A ESS Switches Service Order — System Acknowledgment and Error Messages (Through 1E7 and 1AE7 Generic Programs) — Description — 2-Wire	680-538-010	3	Serving Area Concept and Serving Area Interface — Description and Work Operations
680-535-022	3	1/1A ESS Switches Service Order RC Formats — 1E6 and 1E7 or 1AE6 and 1AE7 Generic Programs — 2-Wire	680-538-011	2	Rural Area Network Design (RAND) — General Description and Administration Loop Assignment
680-535-023	1	1/1A ESS Switches Service Order Recent Change — Major Feature Examples — 2-Wire	680-539-010	1	PICTUREPHONE Service
680-535-024	2	1/1A ESS Switches Service Order — Examples — 1E6 and 1E7 or 1AE6 and 1AE7 Generic Programs — 2-Wire	680-540-010	2	Outside Plant Facilities Control Plan
680-535-050	3	1A ESS Switch Service Order Recent Change Procedures 1AE4 and 1AE5 Generic Programs — 2-Wire	680-540-020	1	Facility Analysis Plan — Assignment Office Procedures
680-536-013	1	2/2B ESS Switches Service Order (All Generic Programs) — Procedures Using the Service Order Channel	680-545-010	1	Assignment Procedures for Apartment Door Answering Service
			680-550-010	3	Assignment Office Discrepancy Routine
			680-8 Other Plant Assignment Methods and Procedures		
			Addendum	1	
			680-800-010	6	Subscriber Long Route Design — Administration and Implementation
			680-800-011	1	Resistance Zoning of Exchange Services for Subscriber Long Route Design — Implementation Guidelines
			680-800-012	1	Acquisition and Administration of Electronic Equipment for Customer Loops

Number	Issue	Subject
680-800-013	2	Administration — Loop Cable Record Inventory System (LCRIS) — Loop Assignment Center
680-810-010	1	Loop Check Ticket
680-815-010	2	Request for Facilities and Equipment Requirements — Exchange Service (Form E-4053)
Addendum	1	
680-820-010	3	Report of Unfilled Customer Requests for Main and Regrade Service
680-830-010	2	Short Jumper Assignment — Conventional MDF
680-830-012	1	Cosmic® Frame Manual Assignment Procedures
680-840-010	1	Assignment Office — Telephone Call Analysis — Forms E-5931 and E-6069

Number	Issue	Subject
680-850 COSMOS (Computer System for Mainframe Operations) — Loop Assignment Center		
680-850-010	1	Connect-Through Plan Procedures
680-850-011	1	Operational Procedures — General
680-850-012	1	Operational Procedures — Basic Service
680-850-013	1	Operational Procedures — Service Order Changes
680-850-014	1	Operational Procedures — Complex Service Orders
680-850-015	1	Operational Procedures — Special Service Orders
680-850-016	1	Operational Procedures — Work Order Processing
680-850-017	1	Transaction Codes For Service and Work Orders
680-850-030	1	Engineering Work Order Procedures
680-850-031	1	Defective Cable Pair Recovery Procedures
680-850-032	1	Transaction Codes for Cable Pair Transfers
680-850-040	1	Job Administration
680-850-041	1	Administration Reports and Inquiries
680-850-042	1	Command File Administration

Division 682**Plant Assignment — Trunk Plant and Special Services****682-0 Index and general information****682-1 Circuit Layout Record Cards for Telephone Message Trunks****682-2 Carrier Circuit Layout Record Cards for Telephone Systems****682-3 Other Circuit Layout Record Cards****682-4 Work Order Record and Details**

Number	Issue	Subject
682-0 Index and General Information		
682-000-000	31	Numerical Index — Division 682 — Plant Assignment — Trunk Plant and Special Services
Addendum	1	
682-000-010	1	Toll Layout Facility Records
Addendum	1	
682-000-011	2	Plant Assignment Circuit Layout Record — Description
682-000-013	1	Exchange Trunk Cable Pair Record
682-000-015	3	Facility Control Offices — Facility Maintenance and Administration Center — Assignment and Operating Responsibilities
682-000-101	2	E-Repeatered and Non-Repeatered Two-Wire Trunks — Expected Measured Loss Calculations
■ 682-000-921AC	2	Selection of Control Offices

682-1 Circuit Layout Record Cards for Telephone Message Trunks

682-100-010	5	General
Addendum	1	
682-100-011	3	Trunk Details Shown on Lines at Top of Forms E-2350 to E-2353 Inclusive

Number	Issue	Subject
Addendum	1	
682-100-012	2	Net Loss, Over-All Active Singing Point, Repeater, and Junction Level Entries
682-100-013	2	Line Assignment Entries and Line Loss Data
682-100-014	2	Line Equipment Entries
Addendum	1	
682-100-015	3	Entries for Signaling Equipment
682-100-016	1	D-C Signaling Paths Used With Telephone Message Circuits
Addendum	1	
682-100-017	4	Other Equipment Entries, Equipment Loss Data, and Special Entries
682-100-018	6	Intertoll Trunk and Miscellaneous Telephone Circuit Numbering
682-100-019	3	Illustration of Forms and Alphabetical Index to Items Described in Associated Sections
682-100-020	1	Telephone Circuit Units

682-2 Carrier Circuit Layout Record Cards for Telephone Systems

Addendum	1	
682-200-018	1	Type ON Carrier Units and Channel Groups
Addendum	1	
682-200-019	3	Type N Carrier Channel Groups
682-200-020	4	Carrier Telegraph Systems and Layouts
682-200-021	1	Carrier Program Channels

682-3 Other Circuit Layout Record Cards

Addendum	1	
682-300-010	2	Teletypewriter and Manual Telegraph Circuits
682-300-011	1	Program Circuit Units and Symbols for Use on Program Network Charts
■ 682-300-012AC	1	Corporate Data Standard Number Assignment for Radio Unit
682-300-012	3	Number Assignments for Radio Units and Satellite Units
682-300-013	1	Radio Relay Message Units

Number	Issue	Subject
Addendum	1	
682-300-014	1	Video Interexchange Units and Local Channels and Symbols for Use on Video Network Charts

DATAPHONE® Digital Service and Switched Digital Service

682-300-020	1	Plant Assignment — General
682-300-021	1	Facility Records
682-300-022	1	Facility and Equipment Assignment Records
682-300-023	1	Plant Assignment Records
682-300-027	1	Administration of Combined Manual and Mechanized (F/ECP1) Records

682-4 Work Order Record and Details

	682-400-010	2	Trunk Network and Special Services — Description and Objectives
❶	682-400-011	2	Circuit Segmenting Standards
❶	682-400-012	2	Output Documents From TIRKS C1/TAS
❶	682-400-014	2	Circuit Installation and Maintenance — Assistance Package (CiMAP) — Network Trunk and Special Services — Description
	682-400-020	1	Document and Report Retrieval Procedures — Trunks Network and Special Services Operations — Description

Division 720**Motor Vehicles and Construction Equipment****720-0 Index and Administrative Information****720-1 Safety****720-2 Engines****720-3 Body and Chassis****720-4 Construction Equipment****720-5 Fleet Maintenance****720-6 Information Management System**

Number	Issue	Subject
720-0 Index and Administrative Information		
720-000-000	29	Numerical Index — Division 720 — Motor Vehicles and Construction Apparatus
■ 720-000-100	1	Use of Automobiles on Company Business
■ 720-000-925AC	1	Guidelines for Automotive Operations
720-020-012	2	Storage of Motor Vehicles and Construction Apparatus
720-040-010	1	Inspection of Motor Vehicles
720-050-010	2	Standard Motor Vehicles Numbering Plan
720-080-010	1	Universal Credit Card
720-090-012	4	Publications of Automotive Manufacturers
720-1 Safety		
720-100-010	3	Motor Vehicle Tire Chains — Prevention of Skidding
720-2 Engines		
720-205-012	3	Anti-Freeze Solutions
720-210-300	2	Engine Cooling Systems — Rust Prevention

Number	Issue	Subject
720-210-310	2	Automotive Engine Cooling Systems — Maintenance
720-215-012	1	Motor Vehicle Fuel and Fuel Economy — Gasoline
720-220-300	2	Motor Vehicle Lubricants and Lubrication
720-3 Body and Chassis		
720-305-300	3	Pneumatic Tires and Tubes
720-305-310	1	Wheels and Rims — Description and Maintenance
720-310-300	1	Tru-Stop Brake — Operation and Maintenance
720-315-600	1	Electric Brake Controls — Inspection and Tests
720-320-300	1	Mico Lever Lock — Maintenance
720-325-300	2	Motor Vehicles — Rustproofing
720-330-300	1	Hydraulic Lift Gates
720-340-100	1	Automotive Batteries — Care and Maintenance

720-4 Construction Equipment

720-405-200	1	H-21 Truck Platform Ladder — Field Installations
720-410-300	2	Power Winches — Maintenance
720-410-305	1	AT-8003 and AT-8029 Winches — AT-8111 Winch Hydraulic Drive — Maintenance
720-410-310	1	AT-8467 Winches — Maintenance
720-415-300	2	Power Take-Off — Maintenance

720-5 Fleet Maintenance

720-500-100	1	Guidelines
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720-6 Information Management System

720-610-100	2	Description
720-610-101	2	Input Fields and Procedures
720-610-102	1	Motor Vehicle Information Management System (MOVIMS) — Standard Inputs

Division 740

Materials Management and Supplies — General Information

740-0 Indexes and Training**-000 Indexes****-001 Training****-005 Methods and Procedures****-010 Comcode Listings**

Number	Issue	Subject
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740-0 Indexes, Training, and Listings**740-000 Indexes**

740-000-000	13	Numerical Index — Division 740 — Supplies — General Information
740-000-001	1	Overall Supplies Numerical Index and Checking List — Divisions 740-749
740-000-002	1	Index of Materials Management Operations — Safety Precaution References

740-001 Training

740-001-000	4	Training Outline — Supply Forces
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740-005 Methods and Procedures

■ 740-005-001	11/94	Global Business Communications Systems Methods and Procedures for Customer Support Managers
740-005-005	1	Business Communications Systems Methods and Procedures for Material Material Support Locations (MSL)

740-010 Comcode Listings

740-010-005	2	A Catalog of Comcode Listings for KS/SP Wire and Cable (1-91)
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Division 741**Products, Supplies, Systems and Services Supporting Functions****741-0 Indexes and General****-000 Indexes****-001 Requirements****-002 Shop Repair****-003 Supply Catalogues****741-1 Discontinued Availability**

Number	Issue	Subject
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741-1 Discontinued Availability**741-100 Discontinued Availability Notification and Tracking System (DANTS)**

741-100-005	1	Instructors Guide
741-100-010	2	User Guide
741-100-015	1	Product Manager's Directory

Number	Issue	Subject
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741-0 Indexes and General**741-000 Indexes**

741-000-000	9	Numerical Index — Division 741 — Supplies Supporting Functions
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741-001 Requirements

741-001-001	3	Plan for Preparing Quarterly Estimate of Requirements of Material and Supplies
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741-002 Shop Repair

741-002-001	2	Distributing House Shop Repair Schedule
741-002-002	2	Computerized Shop Schedule Plan — Regional Material Distribution — Repair Scheduling System

741-003 Supply Catalogues

741-003-001	2	Catalogue of Supplies
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Division 742

Supply Controls

742-000 Indexes**-003 Inventories****-004 Administrative Control****-005 Administrative Cost Studies**

Number	Issue	Subject
742-000 Indexes		
742-000-000	9	Numerical Index — Division 742 — Supply Controls

742-003 Inventories

742-003-001	2	Annual Inventory of Class C Stock
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742-004 Administrative Controls

742-004-001	3	Expense Tool Report for Field Administration
742-004-002	1	Class C Stock Investment Con- trol
742-004-003	1	Class C Stock Investment Analysis
742-004-004	1	Class C Stock Administration Order- Invoice Plan Locations
742-004-005	1	Class C Stock Level Control
742-004-006	1	Class C Stock Administration Elements — Station Apparatus

742-005 Administrative Cost Studies

742-005-001	1	Supplies Comparative Cost Stu- dies
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Division 743**Supply Ordering****743-000 Indexes****-001 Supply Ordering, General****-002 Supply Ordering, Automation****-003 Supply Manual and Computer Controls**

Number	Issue	Subject
743-003 Supply Manual and Computer Controls		
743-003-001	2	Material Ordering
743-003-003	2	Bell Operating Company Data Base File Maintenance — Regional Material Distribution System (RMDS)
743-003-006	1	Investment Analysis and Control
743-003-010	2	Station Equipment Field Inventory

Number	Issue	Subject
743-000 Indexes		
743-000-000	23	Numerical Index — Division 743 — Supply Ordering
743-001 Supply Ordering, General		
743-001-001	4	Material Ordering — Stationery Ordering Procedures
743-001-002	3	Uniformity of Nomenclature for Listing, Ordering, and Billing Materials
743-001-003	2	Standard Abbreviations — Ordering, Billing, and Associated Procedures
743-002 Supply Ordering, Automation		
743-002-000	5	Material Ordering — Order-Invoice Plan
743-002-001	4	Material Ordering — Establishing Comcode, Item Numbers, and Supplies Catalogs
Addendum	1	
743-002-002	4	Material Ordering — Touch-Tone Order Entry
743-002-010	1	Material Ordering — CRT Data Terminal Order Entry
Addendum	1	
743-002-011	2	Material Ordering — Manual Ordering Procedures Under the Order Invoice Plan (OIP)

Division 744

Supply Distribution

744-0 Indexes and General Information**-000 Index****-001 General****-002 Material Receipting and Verifying****-004 Work Location Distribution****-005 Storeroom Distribution****-006 Locker Distribution****Number****Issue****Subject****744-005 Storeroom Distribution**

744-005-001	3	Fully Attended Plant Storerooms — Planning, Layout, and Operation
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744-006 Locker Distribution

744-006-001	3	Supplying Installation and Repair Lockers
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Number**Issue****Subject****744-000 Indexes**

744-000-000	11	Numerical Index — Division 744 — Supply Distribution (2-95)
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744-001 General

744-001-001	1	Supplies Distribution Concepts
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744-002 Material Receipting and Verifying

744-002-001	4	Receiving, Checking, and Receipting for Material Ordered From Western Electric
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744-004 Work Location Distribution

744-004-001	3	Distributing Supplies to Nonmotorized Cable Splicers
■ 744-004-010	12/94	Standard Warehousing Manual for Martialing Centers
■ 744-004-011	6/93	Martialing Center Operator's Menu Manual (1-95)
■ 744-004-012	7/94	Common Distribution Center System (CDCS) — Staging Documentation — Martialing Center
■ 744-004-013	11/94	DRP Staging Management Order Servicing Guide — Martialing Center
■ 744-004-014	7/94	Transportation Management System (TMS) User Guide — Martialing Center

Division 745

Material Returns

745-0 Index and Administrative Information**745-000 Index****745-001 Major Material****745-002 Minor Material****745-003 Material Disposition****745-004 Material Service and Return****745-005 Protective Packaging**

Number	Issue	Subject
745-000 Index		
745-000-000	11	Numerical Index — Division 745 — Material Returns
745-001 Major Material		
745-001-000	3	Returned Material — Tabulating Card Plan
745-002 Minor Material		
745-002-000	2	Returned Material — Handling
745-003 Material Disposition		
745-003-000	3	Class "B" (Scrap) Materials — Handling, Packing, Shipping
745-004 Material Service and Return		
745-004-000	3	Repair Service and Return Plan — Processing Procedures
■ 745-004-000AC	4	Plug-in and Portable Test Equip- ment — Repair Plan
745-005 Protective Packaging		
745-005-000	1	Returned Material — Protective Packaging and Handling
745-005-001	1	Kits for Data Sets and Data Ter- minals

Division 746

Supply Functions — Miscellaneous

- 746-000 Indexes
- 746-001 Claims and Complaints

Number	Issue	Subject
746-000 Indexes		
746-000-000	6	Numerical Index — Division 746 — Supply Functions — Miscel- laneous
746-001 Claims and Complaints		
746-001-001	2	Initiating and Handling Claims
■ 746-001-901AC	1	Claims Against Other AT&T Enti- ties

Division 750

Business Information System Practices (BISP) General

750-0 Indexes and General Information**750-2 Audit — General**

Number	Issue	Subject
750-0 Indexes and General Information		
750-000-000	8	Numerical Index — Division 750 — BISP General
750-000-100	3	BISP Bell System Practices — Master Numerical Index, Divi- sions 750-759
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756-141-008	2	Form No. BISP 61-0008 (Program Matrix 3008) — T1 Carrier T1WB-1, 2, 3 Bank Arrangements	756-141-023	1	Form No. BISP 61-0023 (Program Matrix 0023) — N2 Carrier Line Build-Out Bay
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756-141-053	2	Form No. BISP 61-0053 (Program Matrix 0053) — Consolidated and Unitized — F-Type Trunk Signaling Units (J98624A, C, D & J98626A, B, D, E Bays)	756-141-066	1	Form Number BISP 61-0066 (Program Matrix 0066) — L-Type Multiplex, L1860A Receiving Bay
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756-141-058	1	Form No. BISP 61-0058 (Program Matrix 0058) — L4 Multiplex Repeaters — Main Station	756-141-071	1	Form No. BISP 61-0071 (Program Matrix 0071) — Telegraph Systems — 144- Type Coupling Units
756-141-059	1	Form Number BISP 61-0059 (Program Matrix 0059) — L4 Multiplex Repeaters — Intermediate Station	756-141-072	1	Form No. BISP 61-0072 (Program Matrix 0072) — 43A1 Carrier Telegraph Systems
756-141-060	2	Form No. BISP 61-0060 (Program Matrix 0060) — 24V4, 44V4, and 424V4 Repeaters	756-141-073	1	Form No. BISP 61-0073 (Program Matrix 0073) — 96A-1 Electronic Loop Repeaters
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756-141-064	1	Form Number BISP 61-0064 (Program Matrix 0064) — L-Type Multiplex, L600A Receiving Bay	756-141-077	1	Form No. BISP 61-0077 (Program Matrix 0077) — L-Type Multiplex — Supergroup and Group Banks — Receiving — Mix Packaged Bay (J68858P or DP)

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756-141-079	1	Form No. BISP 61-0079 (Program Matrix 0079) — L-Type Multiplex — Receiving Group Bank Bay (J68772B-2)	756-141-092	1	Form No. BISP 61-0092 (Program Matrix 0092) — Voice-Frequency Transmission Maintenance — Connector Bay
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756-141-082	1	Form No. BISP 61-0082 (Program Matrix 0082) — L-Type Multiplex — L600A and L1860A — Common Bay	756-141-095	1	Form No. BISP 61-0095 (Program Matrix 0095) — Loop Signaling Repeaters
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756-141-087	1	Form No. BISP 61-0087 (Program Matrix 0087) — N-Carrier Program Terminal	756-141-102	1	Form No. BISP 61-0102 (Program Matrix 0102) — Dial Long Line Unit
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756-141-090	1	Form No. BISP 61-0090 (Program Matrix 0090) — AR Type Data Circuit Packs	756-141-112	1	Form No. BISP 61-0112 (Program Matrix 0112) — T1 Carrier D1, D1A, D1B, D1C, and D1D Bank Equipment — Channel Units

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756-141-114	1	Form No. BISP 61-0114 (Program Matrix 0114) — L-Type Multiplex-A6 Channel Bank (J68929)	756-141-127	1	Form No. BISP 61-0127 (Program Matrix 0127) — T1 Carrier Two-Shelf Office Channel Unit Assembly (J70177AB), Three-Shelf Office Channel Unit and Power Assembly (J70177AA), and Data Multiplex Performance Monitor Shelf Assembly (J70177AF)
756-141-115	1	Form No. BISP 61-0115 (Program Matrix 0115) — E Signaling E&M Lead Applique	756-141-128	1	Form No. BISP 61-0128 (Program Matrix 0128) — T1 Carrier — Local Timing Supply and T1DM Assembly (J70177AG) and Data Multiplexer Shelf (J70177AD)
756-141-116	1	Form No. BISP 61-0116 (Program Matrix 0116) — L-Type Multiplex — A6 Channel Bank — Unitized Terminal Bay (J98626)	756-141-129	1	Form No. BISP 61-0129 (Program Matrix 0129) — T1WB4 Data — Voice Multiplexer — Shelf Assembly (J70177AP)
756-141-117	1	Form No. BISP 61-0117 (Program Matrix 0117) — FU-Type Signaling Units on J98624B, E, F, G (Consolidated Bay) — J98626C, F (Unitized Terminal Bay)	756-141-130	1	Form No. BISP 61-0130 (Program Matrix 0130) — T1 Carrier — Four-Shelf T1DM — Multiplexer Assembly (J70177AE)
756-141-118	1	Form No. BISP 61-0118 (Program Matrix 0118) — T1 Carrier, D3 Channel Bank — Channel Units	756-141-132	1	Form No. BISP 61-0132 (Program Matrix 0132) — T2 Carrier Span Terminating Bay — Office Repeater Units
756-141-119	1	Form No. BISP 61-0119 (Program Matrix 0119) — T1 Carrier, D3 Channel Bank — Common, Maintenance and Hot Spare Units	756-141-133	1	Form No. BISP 61-0133 (Program Matrix 0133) — T2 Carrier Span Terminating Bay — Protection Switching, Power and Alarm Units
756-141-120	1	Form No. BISP 61-0120 (Program Matrix 0120) — Subscriber Loop Multiplexer — Central Office Equipment	756-141-134	1	Form No. BISP 61-0134 (Program Matrix 0134) — T2 Carrier Span Terminating Power Supply Bay
756-141-121	1	Form No. BISP 61-0121 — (Program Matrix 0121) — Subscriber Loop Multiplexer — Remote Terminal Equipment	756-141-135	1	Form No. BISP 61-0135 (Program Matrix 0135) — T2 Carrier Regenerator and Maintenance Unit Located on Repeater Bays or in Manholes and Shelters
756-141-122	1	Form No. BISP 61-0122 (Program Matrix 0122) — KS-20988 Multi-Channel Subscriber Carrier — Central Office Shelves	756-141-136	1	Form No. BISP 61-0136 (Program Matrix 0136) — T2 Carrier Intermediate Power Supply Bay and Repeater Bay Power Units
756-141-123	1	Form No. BISP 61-0123 (Program Matrix 0123) — Multichannel Subscriber Carrier — KS-20988 — Subscriber Terminals and Repeaters			
756-141-124	1	Form No. BISP 61-0124 (Program Matrix 0124) — Low Voltage Data Sets			
756-141-125	1	Form No. BISP 61-0125 (Program Matrix 0125) — T1 Carrier Subrate Data Multiplexer Bay			

Number	Issue	Subject	Number	Issue	Subject
756-151 PICS/DCPR Users' Manuals			756-152-320	1	Monthlies
756-151-000	1	On-Line Programs	756-152-330	1	Annuals
756-151-101	1	On-Line Inquiry Programs — Transaction Files	756-152-400	1	On-Line System Performance
756-151-102	2	On-Line Inquiry Programs — Order Files	756-152-410	1	Reference Files
756-151-103	1	On-Line Inquiry Programs — CPR Inventory Files	756-152-420	1	File Integrity Analysis
756-151-104	1	On-Line Inquiry Programs — ECI Inventory Files	756-152-430	1	System Backup and File Maintenance
756-151-105	1	On-Line Inquiry Programs — Miscellaneous File	756-153 Users' Manuals — Batch Runs		
756-151-106	1	On-Line Inquiry Programs — Financial Reference File	756-153-011	1	Create Reconciliation and Analysis History File
756-151-107	1	On-Line Inquiry Programs — Location Table	756-153-012	1	PICS Report 40
756-151-108	1	On-Line Inquiry Programs — Equipment Table	756-153-014	1	PICS Report 43C
756-151-201	1	On-Line Update Programs — Transactions	756-153-101	1	Extract ECI Conversion Table
756-151-202	1	On-Line Update Programs — Order Files	756-153-102	1	PICSUSER (Run 21)
756-151-203	1	On-Line Update Programs — CPR Inventory Files	756-153-103	1	PICSCSER (Run 15)
756-151-204	1	On-Line Update Programs — ECI Inventory	756-153-104	2	PICSRSER (Run 11)
756-151-205	2	On-Line Update Programs — Miscellaneous Files	756-153-105	1	PICSPSER (Run 9)
756-151-206	2	On-Line Update Programs — Financial Reference Files	756-153-106	1	PICSUECI (Run 7)
756-151-207	1	On-Line Update Programs — Location Tables	756-153-107	1	PICSCECI (Run 17)
756-151-208	1	On-Line Update Programs — Equipment Tables	756-153-108	1	PICSRECI (Run 13)
756-152 Batch Run Dependencies			756-153-109	1	PICSPECI (Run 19)
756-152-010	1	Overview	756-153-120	1	Extract Location Conversion Table
756-152-110	1	Plug-In Inventory Records	756-153-121	1	Extract Price Conversion Table
756-152-120	1	Inventory and Investment	756-153-122	1	Extract Tax Table
756-152-130	1	Inventory Management Control	756-153-123	1	Extract Reference Conversion Tables
756-152-200	1	Equipment Acquisition	756-153-125	1	PICSCVRN (Run 4)
756-152-210	1	Circuit Orders	756-153-126	1	PICSAGES (Run 5)
756-152-220	1	Repair	756-153-127	1	PICSULOC (Run 8)
756-152-230	1	Back Orders	756-153-128	1	PICSCLOC (Run 18)
756-152-300	1	DCPR Records	756-153-129	1	PICSRLOC (Run 14)
756-152-310	1	DCPR Processing	756-153-130	1	PICSPLOC (Run 20)
			756-153-131	1	PICSUPRC (Run 6)
			756-153-132	1	PICSCPRC (Run 16)
			756-153-133	1	PICSRPRC (Run 12)
			756-153-134	1	PICSPPRC (Run 10)
			756-153-151	1	IH PICSCVRN (Run 4)
			756-153-152	1	IH PICSAGES (Run 5)
			756-153-153	1	IH PICSPPRC (Run 10)
			756-153-154	1	IH PICSPLOC (Run 20)
			756-153-155	1	CSRI Initialization
			756-153-156	1	CSRI File Backup
			756-153-160	1	Print Files 5, 7, 9

Number	Issue	Subject	Number	Issue	Subject
756-153-161	1	Ordersub	756-153-234	1	Print File 18
756-153-162	1	Zero CS CPR and ECI	756-153-235	1	Print File 19
756-153-163	1	Restore File 5	756-153-236	1	Print File 20
756-153-164	1	Restore File 7	756-153-237	1	Print File 21
756-153-165	1	Restore File 9	756-153-238	1	Print File 22
756-153-166	1	Newdiff	756-153-239	1	Print File 23
756-153-167	1	CSRI Actual Average Price Table	756-153-240	1	Print Explosion Table Catalog
756-153-180	1	CPR Update	756-153-241	1	Print File 24
756-153-181	1	Load CS CPR	756-153-242	1	Print File 25
756-153-182	1	Restore Original File 9 (MS CPR)	756-153-243	1	Print Price Table Vertically
756-153-184	1	File 9 Backup of MS CPR Load	756-153-244	1	Print File 6 by CPR
756-153-185	1	ECI Update	756-153-245	1	Print File 6 by ECI
756-153-186	1	Restore Original File 4 (MS LOC ECI)	756-153-246	1	Print File 2 With Indicators
756-153-188	1	File 4 Backup of MS LOC ECI Load	756-153-247	1	Print File 19(DR)
756-153-189	1	Load CS ECI	756-153-248	1	Print File 4 by CLLC
756-153-190	1	Restore Original File 5 (MS CS ECI)	756-153-249	1	Print File 4 by Equipment Code
756-153-192	1	File 5 Backup of MS CS ECI Load	756-153-301	1	PICS File Save
756-153-201	1	On-Line	756-153-302	1	Daily Performance Statistics
756-153-211	1	Print File 1	756-153-303	1	Weekly Performance Statistics
756-153-212	3	Print File 2	756-153-304	1	Print Reconciliation and File Analysis Reports
756-153-213	1	Print File 2A	756-153-305	1	Print Shipping Notice
756-153-214	1	Print File 2B	756-153-306	1	Reorganize File 6
756-153-215	1	Print PIFC/J Draw	756-153-307	1	Reorganize File 17
756-153-216	1	Print File 3	756-153-308	1	Reorganize File 24
756-153-217	1	Print File 4	756-153-401	1	PICS File Restore A
756-153-218	1	Print File 4A	756-153-402	1	PICS File Restore B
756-153-219	1	Print File 5	756-153-501	1	Transaction Delete
756-153-220	1	Print File 5A	756-153-502	1	File 7 Purge
756-153-221	1	Print File 6	756-153-503	1	File 13 Purge
756-153-222	1	Print File 7	756-153-504	1	File 15 Purge
756-153-223	1	Print File 7A	756-153-505	1	Update Tax Table
756-153-224	1	Print File 8	756-153-507	1	CPR Catalog Update
756-153-225	1	Print File 9	756-153-508	1	Check ECI to ECIG
756-153-226	1	Print File 10	756-153-509	1	Price Table Update
756-153-227	1	Print File 11	756-153-510	1	Price Table Restore
756-153-228	1	Print File 12	756-153-511	1	Delete ECI
756-153-229	1	Print File 13 (Back Orders)	756-153-512	1	MS Delete ECI
756-153-230	1	Print Pending Circuit Orders	756-153-611	1	Change HW Reconciliation Limits
756-153-231	1	Print File 13 (Repair Log)	756-153-612	1	Change PI Definition
756-153-232	1	Print File 14	756-153-613	1	Change PIOC Retirement Default Factor
756-153-233	1	Print File 15	756-153-614	1	PICS Monthly Initialization
			756-153-615	1	PIOC Factor Initialization

Number	Issue	Subject	Number	Issue	Subject
756-153-701	1	Annual CPR Analysis 1	756-153-826	1	PICS Report 1C
756-153-702	1	Annual CPR Analysis 2	756-153-832	1	PICS Report 8
756-153-703	1	Annual CPR Analysis 3	756-153-833	1	PICS Report 43R
756-153-704	1	Annual CPR Analysis 4	756-153-834	1	Daily Shipping Notice Summary
756-153-710	1	Annual 1	756-153-835	1	Transaction File Summary
756-153-719	1	Annual 1 Restoral	756-153-837	1	ECI/CPR Record Mismatch Report
756-153-720	1	Annual 2	756-153-838	1	Shortage/Overage Correction Report
756-153-729	1	Annual 2 Restoral			
756-153-730	1	Annual 3	756-153-839	1	PICS Report 5
756-153-739	1	Annual 3 Restoral			
756-153-740	1	Annual 4	756-153-840	1	Print Overdue Circuit Orders
756-153-749	1	Annual 4 Restoral	756-153-841	1	PICS Report 4
756-153-750	1	Annual 5	756-153-842	1	PICS Report 7
756-153-759	1	Annual 5 Restoral	756-153-843	1	Back-Order Reconciliation Report
756-153-760	1	Annual 6	756-153-844	1	Back-Order Summary Report
756-153-769	1	Annual 6 Restoral			
756-153-781	1	Develop Hardwired Balances	756-153-845	1	Central Stock Back-Order Records
756-153-782	1	Preinventory CPR Summary	756-153-846	1	PICS Report 12
756-153-784	1	Print CPR Pointers	756-153-847	1	PICS Report 13
756-153-785	1	Print Central Stock CPR Summary	756-153-848	1	PICS Report 13A
756-153-786	1	Pointer Overflow Analysis	756-153-849	1	PICS Report 14
756-153-787	1	File 22 Analysis	756-153-921	1	Create Maximum Spare Levels
756-153-788	1	Print CPR by Location	756-153-922	1	CS/CO Plug-In Availability Report
756-153-789	1	Depreciation vs DR Dollars Report	756-153-923	1	Central Stock Reorder Summary
756-153-792	1	DR Incomplete Equipment Category Codes	756-153-924	1	Reset CS Movement Fields
756-153-794	1	File 09 Dollar Balancing Initialization	756-153-925	1	Central Office Overstock Summary
756-153-795	1	File 09 Dollar Balancing	756-159 PICS/DCPR Forms Guide		
756-153-796	1	Transfer MD300 Plug-Ins	756-159-000	1	Forms Guide
756-153-801	1	PICS Report 30	756-160 PICS/2 — Plug-In Movement — Students' Workbook		
756-153-802	1	PICS Report 4R	756-160-310	1	Receive Inputs — 300.A
756-153-803	1	PICS Report 41		1	Process Work Orders — 300.B, Part 1
756-153-804	1	PICS Report 40R	756-160-321	1	Process Work Orders — 300.B, Part 2
756-153-805	1	PICS Report 41R		1	Control Forms — 300.C
756-153-821	1	PICS Report 1A	756-160-330	1	Initiate Transactions — 300.D
756-153-822	1	PICS Report 1B	756-160-340	1	Verify Transactions — 300.E
756-153-823	1	PICS Report 1D	756-160-350	1	Correct Errors — 300.F
756-153-824	1	PICS Report 1E	756-160-360	1	
756-153-825	1	PICS Report 6			

Number	Issue	Subject
756-161 PICS/2 — Plug-In Movement — Instructors' Guide		
756-161-310	1	Receiver Inputs — 300.A
756-161-320	1	Process Work Orders — 300.B, Part 1
756-161-321	1	Process Work Orders — 300.B, Part 2
756-161-330	1	Control Forms — 300.C
756-161-340	1	Initiate Transactions — 300.D
756-161-350	1	Verify Transactions — 300.E
756-161-360	1	Correct Errors — 300.F
756-162 PICS/2 — Evolution of PICS and System Orientation Manual		
756-162-101	2	The Evolution of PICS — A BISP Product (16 mm Film)
756-162-110	1	Manual — Part 1 — General Orientation
756-162-111	1	Manual — Part 2 — Plug-In Acquisition and Repair
756-162-112	1	Manual — Part 3 — Plug-In Movement
756-162-113	1	Manual — Part 4 — Reference File Maintenance
756-162-114	1	Manual — Part 5 — DCPR Processes
756-162-130	2	Introduction to PICS/DCPR
756-162-141	2	CRT Training Manual for the IBM 3270 System
756-162-160	2	An Overview of Reference File Maintenance
756-162-162	1	PICS/2 — An Overview of Plug-In Acquisition and Repair
756-162-300	1	An Overview of Plug-In Movement
756-163 PICS/DCPR — Slide/Tape Orientation		
756-163-000	1	Slide/Tape Orientation
756-169 PICS/2 — Plug-In Movement — Instructors' Answer Book		
756-169-310	1	Receive Inputs — 300.A
756-169-320	1	Process Work Orders — 300.B, Part 1
756-169-321	1	Process Work Orders — 300.B, Part 2

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756-169-330	1	Control Forms — 300.C
756-169-340	1	Initiate Transactions — 300.D
756-169-350	1	Verify Transactions — 300.E
756-169-360	1	Correct Errors — 300.F
756-170 PICS/2 — Plug-In Movement — Position Practice		
756-170-310	1	Receive Inputs — 300.A
756-170-320	1	Process Work Orders
756-170-330	1	MOV — Control Forms — 300.C
756-170-340	1	Initiate Transactions — 300.D
756-170-350	1	Verify Transactions
756-170-360	1	Correct Errors — 300.F
756-172/175 Folders (Program, Run Processing, Etc.)		
756-172-100	1	PICS/2 — Program
756-173-100	1	PICS — Run Processing
756-174-100	1	PICS — Process Entity
756-175-100	1	PICS — Load Module
756-180 Administrative Guide and Audit Manuals		
756-180-100	1	Central Stock — Administrative Guide
756-180-200	1	PICS/1 — Operations Audit Manual
756-180-210	1	Audit Manual
756-182 EDP System Manuals and PICS-BIS/Trunks		
EDP System Manuals		
756-182-200	1	Introduction and Index
756-182-201	1	EDP System Overview
756-182-202	2	Hardware Configuration
756-182-203	1	Software Environment
756-182-204	1	Telecommunications
756-182-205	1	Maintenance
756-182-206	1	PSS — Computer Center Operations
756-182-207	1	Backup and Reconstruction
756-182-208	1	File Reorganization and Storage Allocation
756-182-209	1	Data Base Purge Procedures
756-182-210	1	Security Maintenance
756-182-211	1	Performance Evaluation
756-182-212	1	Inventory and Conversion Subsystem

Number	Issue	Subject	Number	Issue	Subject
756-182-213	1	Monthly Processes	❶ 756-365-142	1	Instructor Guide — Trunk Statistics — Card 470 — Input Position
756-182-214	1	Annual Processes	❶ 756-365-143	1	Student Manual — Trunk Statistics — Card 470 — Input Position
756-182-215	1	Messages and Codes	❶ 756-365-144	1	Instructor Guide — Recycle Control — Card 500 — Input Position
756-182-216	1	Data Base and Machine Interface Layouts	❶ 756-365-145	1	Student Manual — Recycle Control — Card 500 — Input Position
756-182-217	1	Program Linkage Trees	❶ 756-365-146	1	Instructor Guide — Report Control — Card 501 — Input Position
PICS-BIS/Trunks			❶ 756-365-147	1	Student Manual — Report Control — Card 501 — Input Position
756-182-910	1	Amigos User's Manual	❶ 756-365-148	1	Instructor Guide — Miscellaneous Traffic Measurement — Card 502-503 — Input Position
756-182-920	1	Hyper-Faster User's Manual	❶ 756-365-149	1	Student Manual — Miscellaneous Traffic Measurement — Card 502-503 — Input Position
756-3 S&E Trunk Forecasting			❶ 756-365-150	1	Print Control File — Card 800 — Input Position
756-365 No. 5 Crossbar — COERs (Central Office Equipment Reports)			❶ 756-365-151	1	Student Manual — Print Control File — Card 800 — Input Position
❶ 756-365-130	1	Instructor Guide — Office Characteristics — Card 100 — Input Position	❶ 756-365-152	1	Instructor Guide — Print Reports — Card 900 — Input Position
❶ 756-365-131	1	Student Manual — Office Characteristics — Card 100 — Input Position	❶ 756-365-153	1	Student Manual — Print Reports — Card 900 — Input Position
❶ 756-365-132	1	Instructor Guide — Busy Hour Determination — Card 200 — Input Position	❶ 756-365-160	1	System Manual — Training Materials
❶ 756-365-133	1	Student Manual — Busy Hour Determination — Card 200 — Input Position	❶ 756-365-161	1	System Manual Training — Instructor Guide
❶ 756-365-134	1	Instructor Guide — Main Station Statistics — Card 410 — Input Position	❶ 756-365-162	1	Training and Administration Guide
❶ 756-365-135	1	Student Manual — Main Station Statistics — Card 410 — Input Position	756-375 No. 5 Crossbar — COER System		
❶ 756-365-136	1	Instructor Guide — Main Station Statistics — Card 420 — Input Position	❶ 756-375-121	1	Description
❶ 756-365-137	1	Student Manual — Main Station Statistics — Card 420 — Input Position	❶ 756-375-122	1	Office Characteristics — System Input Documents
❶ 756-365-138	1	Instructor Guide — Main Station Statistics Cards 430-440-450 — Input Position	❶ 756-375-123	1	System Output Reports
❶ 756-365-139	1	Student Manual — Main Station Statistics Cards 430-440-450 — Input Position	❶ 756-375-124	1	Support Instructions
❶ 756-365-140	1	Instructor Guide — Trunk Statistics — Card 460 — Input Position	❶ 756-375-125	1	Error Code Lists
❶ 756-365-141	1	Student Manual — Trunk Statistics — Card 460 — Input Position	❶ 756-375-126	1	System Glossary
			❶ 756-375-127	1	Index
			❶ 756-375-130	1	Position Practice — Prepare Office Characteristics — Input Record — Card 100
			❶ 756-375-132	1	Position Practice — Prepare Busy Hour Determination — Input Record — Card 200

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① 756-375-134	1	Position Practice — Prepare Main Station Statistics — Input Record — Card 410
① 756-375-136	1	Position Practice — Prepare Main Station Statistics — Input Record — Card 420
① 756-375-138	1	Position Practice — Prepare Main Station Statistics — Input Records — Cards 430-440-450
① 756-375-140	1	Position Practice — Prepare Trunk Statistics — Input Record — Card 460"
① 756-375-142	1	Position Practice — Prepare Trunk Statistics — Input Record — Card 470"
① 756-375-144	1	Position Practice — Prepare Re-cycle Control — Input Record — Card 500"
① 756-375-146	1	Position Practice — Prepare Report Control — Input Record — Card 510
① 756-375-148	1	Position Practice — Prepare Miscellaneous Traffic Measurement — Input Records — Cards 502-503
① 756-375-150	1	Position Practice — Prepare Print Control File — Input Record — Card 800"
① 756-375-152	1	Position Practice — Prepare Print Reports — Input Record — Card 900

756-5 TIRKS E1 (Trunks Integrated Records Keeping System)

756-545 IEOLS (Interim Equipment Order Control System)

756-545-010	3	System Description
756-545-020	3	Installation Guide
756-545-201	2	Dictionary of HECI (ECI) Data for Job Specifications
756-545-601	2	Instructor's Guide — Process I/O Media — Position 701
756-545-602	3	Instructor's Guide — Process Job Spec — Position 702
756-545-603	3	Instructor's Guide — Prepare Equipment Inventory Update Input Form — Position 703
756-545-604	2	Instructor's Guide — Process Errors and Printouts — Position 704

Number	Issue	Subject
756-545-701	3	Process I/O Media — Position 701
756-545-702	4	Process Job Spec — Position 702
756-545-703	3	Prepare Equipment Inventory Update Input Form — Position 703

756-547 ECP-1A (Equipment Conversion Package-1A)

756-547-010	2	System Description (Provisional)
756-547-202	3	Match Tape Dictionary
756-547-601	1	Instructor Guide — Identify Batches — Position 701
756-547-602	2	Instructor's Guide — Order and Receive ORIs/Triple Os/Microfilms — Position 702
756-547-603	1	Instructor's Guide — Identify Drawings — Position 703
756-547-604	2	Instructor's Guide — Order and Receive Drawings — Position 704
756-547-605	2	Instructor's Guide — Identify Jobs — Position 705
756-547-606	2	Instructor's Guide — Prepare Input Forms — Position 706
756-547-607	2	Instructor's Guide — Verify Input Forms — Position 707
756-547-608	1	Instructor's Guide — Process Input/Output Media — Position 708
756-547-609	1	Instructor's Guide — Correct Error — Position 709
756-547-610	1	Instructor's Guide — Process Inventory Media — Position 710
756-547-611	1	Instructor's Guide — Conduct Inventories — Position 711
756-547-612	1	Instructor's Guide — Process Corrections — Position 712
756-547-701	3	Identify Batches — Position 701 (Provisional)
756-547-702	2	Order and Receive ORIs/Triple Os/Microfilms — Position 702 (Provisional)
756-547-703	2	Identify Drawings — Position 703 (Provisional)
756-547-704	2	Order and Receive Drawings — Position 704 (Provisional)
756-547-705	2	Identify Jobs — Position 705 (Provisional)

Number	Issue	Subject
756-547-706	4	Prepare Input Forms — Position 706 (Provisional)
756-547-707	3	Verify Input Data (Provisional)
756-547-708	4	Process I/O Media — Position 708 (Provisional)
756-547-709	4	Correct Errors — Position 709 (Provisional)
756-547-710	3	Process Inventory Media — Position 710 (Provisional)
756-547-711	3	Conduct Inventories — Position 711
756-547-712	3	Process Corrections — Position 712
756-548 ECP-1B		
756-548-000	1	Overview

Division 759**Business Information Systems — Time Share Program****759-000 Index****-100 Index and General Information — COEES****-150 COEES User Practices****-190 Central Office Equipment Engineering System**

Number	Issue	Subject
759-000 Index		
759-000-000	11	Numerical Index — Division 759 — Business Information Systems — Time Share Program

759-100/120 Index and general information — COEES

□ 759-100-000	26	Subject Index — Division 759-1 — Central Office Equipment Esti- mation System (COEES)
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User and Administration Guide

□ 759-100-100	9	General Description
759-120-110	5	User and Administrative Guide — No. 5 Crossbar
759-120-120	9	User and Administrative Guide — 1/1A Planning
759-120-130	4	User and Administrative Guide — 2/2B ESS™ — Planning
□ 759-120-150	8	1/1A ESS™ Switching Equipment — Mechanized Ordering — Equipment Engineering and Traffic Engineering Considera- tions — User and Administrative Guide
□ 759-120-160	8	Information System — User Guide

759-150/160 COEES User Practices**Functions/Outputs/Calculations**

759-150-050	7	System Functions and Outputs
759-150-100	8	Common Functions and Outputs

Number	Issue	Subject
□ 759-150-101	7	Telephone Company Factors
759-150-104	1	Estimation System Accelerated Depreciation (Dominion of Cana- da)
759-150-110	3	System Functions and Outputs — Step-by-Step Equipment
□ 759-150-114	16	System Functions and Outputs — 1/1A ESS™ Switching Equip- ment
759-150-116	9	System Functions and Outputs — 2/2B ESS Switching Equip- ment
759-150-118	4	No. 5XB — System Junctions and Outputs
759-150-120	4	Interpreting Input Data — Step- By-Step
759-150-122	3	No. 1/1A International — Inter- preting Input Data
759-150-126	11	Interpreting Input Data — 2/2B ESS Switching Equipment
759-150-128	8	Interpreting Input Data — No. 5 Crossbar Equipment
759-150-142	2	1A ESS Switch — Equipment Required Calculations — 1/1A International
□ 759-150-124	18	Interpreting Input Data — 1/1A ESS Switching Equipment
□ 759-150-144	12	Equipment Required Calcula- tions — 1A ESS Switches
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□ 759-160-132	18	Pocket Reference Card — Order Operations — 1/1A ESS System	759-192-560	2	2/B Price Data — Equipment Worksheet
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759-160-170	1	Pocket Reference Guide — 1A International	759-192-664	7	No. 2/2B ESS Plan Data — Trunk Data Worksheet
759-160-171	1	Pocket Reference Guide — 1A International Data	759-192-665	5	No. 2/2B ESS Centrex Data Worksheet
759-160-172	1	Pocket Reference Guide — 1A International Order	759-192-666	8	2/2B Management Objective and Maintenance Margin Overrides
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759-190 Central Office Equipment Engineering System (COEES)			No. 5XB		
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759-190-344	2	No. 1/1A ESS Stored Data	759-194-581	7	No. 5XB Price Data — Trunk Equipment Worksheet
759-190-649	10	No. 1/1A ESS Network Capacity Worksheet for Local or Combined Local/Toll Office	759-194-582	5	No. 5XB Price Data — Billing and Translation Equipment Worksheet
759-191-346	1	No. 1A Stored Data (Trunks) and Ordering System Trunk Forecast Existing or Proposed International Trunk Circuits	759-194-583	6	No. 5XB Price Data — 2-Wire Basic Equipment Worksheet
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759-191-349	1	No. 1A Office Dependent Miscellaneous Data and Equipment — International — Existing or Proposed	759-194-585	7	No. 5XB Price Data — Test Equipment Worksheet
759-191-451	1	No. 1A ESS Traffic Engineering Transceiver Load Data for International Switches	759-194-586	1	No. 5XB Price Data — Reuse/ML 2-Wire Basic Equipment Worksheet
759-191-453	1	International Memory Worksheet	759-194-680	7	No. 5XB Plan Data — Forecast and Load Data Worksheet
759-191-541	3	No. 1/1A Price Data Equipment Worksheet — International Circuits	759-194-681	6	No. 5XB Trunk Forecast Input
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759-191-647	1	No. 1A ESS Trunk Forecast Input — International Circuits	759-194-683	4	No. 5XB Plan Data — Centrex Data Worksheet
759-191-652	1	No. 1A ESS International Memory Worksheet — Planning	759-194-684	5	No. 5XB Plan Data — Specific Frame and Unit Worksheet
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759-195-502	3	Step-By-Step Cama and ANI Worksheet
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759-195-504	4	Step-By-Step Common Control and Touch Tone Worksheet
759-195-505	2	Step-By-Step Basic Equipment Worksheet
759-195-506	4	Step-By-Step Trunk and Miscel- laneous Worksheet
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■ 760-100-006	1	Building Designer's Guide Drawings and Specifications (3-95)
■ 760-100-011AC	1	Network Equipment-Building System (NEBS) — Building Engineering Standards (BES) — Building and Equipment Layout — General
760-100-010	2	Building and Equipment Space Planning
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■ 760-100-011AC	1	Network Equipment — Central Office Layout and Design
■ 760-100-015AC	1	Network Equipment-Building System (NEBS) — Space Planning
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760-100-017	1	Network Equipment-Building System (NEBS) — In Existing Buildings
■ 760-100-017AC	1	Network Equipment-Building System (NEBS) — In Existing Buildings
760-100-020	1	Selection of Building Sites for Central Offices
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760-100-030	1	New Equipment-Building System (NEBS) — In New Buildings
760-100-032	1	New Equipment-Building System (NEBS) — In Existing Buildings
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760-100-070	2	Long-Haul Radio Relay Station — Standards
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760-100-080	1	Analog Carrier Terminal Planning

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760-100-090	1	Distributing Frame Systems and Interconnecting Cabling — Building Planning	■ Appendix 1	2	AT&T Procurement Requirements for Raised Seismic Access Floor (SAF) System
760-120-150	1	Electronic Data Processing Center — Building Project Planning	760-200-150	1	Column Designation
760-120-160	1	Service Operations Centers and Garages — Project Planning	760-200-152	2	Column Spacing in Equipment Rooms
Addendum	1		760-200-154AC	1	Administrative Space Planning Standards
760-150-155	2	Operations Support System — Planning	760-210-150	4	Ceiling Heights for Equipment Buildings
760-150-160	1	Solar Energy Systems — Planning	760-220-100	2	RFI Shielding
760-160-100	2	Fire Protection Planning	760-220-110	2	EMP Shielding
760-2 Design Criteria			760-220-120	1	Lightning and Surge Protection
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760-200-015	1	New Equipment-Building System (NEBS) — Building Engineering Standards — Building Design	Addendum	1	
760-200-020	1	Telephone Buildings — Design Loads	760-220-151	2	Checking Routine Building Project Planning and Design
760-200-021	1	Floor Design Load	■ 760-220-164	1	Storage Systems Combustible Liquid Fuels — Design Installation and Maintenance NOTE: Replaces 760-220-161, 162, 163
760-200-022	1	Wind Design Loads	■ 760-220-165	1	Underground Storage Tanks Combustible and Flammable Liquid Fuels — Removal and Abandonment
760-200-023	1	Earthquake Design Loads	760-230-100	1	Equipment Cooling
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■ 760-200-026	2	Seismic Zone Classification for The 145 Critical Network Offices (12/94)	760-230-110	2	Air Filtration
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			760-240-151	5	Toilet Rooms — General
			760-240-152	4	Toilet Rooms — Fixture Spacings
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			760-245-150	1	Vertical Transportation Engineering Guide

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760-260-100	1	Building Energy Management and Redesign Retrofit (BEMARR) — Building Survey Guidelines	760-400-110	1	Building Electrical System — Voltage
■ 760-260-200	1	AT&T Energy Management Manual (2-95)	Addendum	1	
760-280-100	1	Northern Telecom DMS* — Digital Switching System — Mechanical and Electrical System Design Recommendations	760-400-175	3	Procedure for Determining Short Circuit Currents in AC Power Distribution Systems
760-3 Construction Elements			760-400-180	1	Power Systems — Engineering and Operational Review — Building Engineering Checklist
■ 760-300-100AC	1	CPSC (Construction, Planning, Scheduling, and Coordination) — User's Guide	760-400-200	1	Building Electrical Systems — Electrical Load Analysis for Telecommunications Buildings
760-310-100	1	Building Energy Management and Redesign Retrofit (BEMARR) — Building Envelope	760-400-215	1	Building Electrical Systems — Switching Arrangements for Standby Power
760-330-150	5	Cable Openings	760-400-220	1	Building Electrical Systems — Service Entrance and Electric Service Switchboards
760-330-151	1	Core Method of Forming Main Frame Cable Holes	760-400-221	1	Building Electrical Systems — Electric Service Switchboard for 1/1A, 2B, and 5ESS® Switching Equipment Buildings
760-330-152	2	Cable Vaults, Cable Entrances, Detail of Vault Construction and Steel Work of Cable Racks	760-400-230	1	Building Electrical Systems for Data- Processing Buildings
760-340-150	1	Noise Reduction	760-400-300	1	Building Electrical Systems — Equipment and Devices — Selection and Application
760-340-160	2	Flat Roof Grading	760-400-310	1	Building Electrical Systems — Transformers — Selection and Application
760-350-150	4	Interior Finishes of Rooms	760-400-400	1	Building Electrical Systems — Interior Lighting
■ 760-350-151AC	1	Generic Carpet Specification Guideline	760-400-410	1	Building Electrical Systems — Outdoor Lighting
760-360-150	6	Stairway Design — Egress	760-400-415	1	Building Energy Management and Redesign Retrofit (BEMARR) — Energy Efficient Lighting
760-370-150	2	Window Cleaners' Safety Belt Anchors	760-400-500	1	Building Electrical Systems — Ground Fault Protection
760-380-150	2	Air Navigation Obstruction Marking	760-400-510	1	Building Electrical Systems — Grounding
760-4 Electrical			760-400-520	1	Building Electrical Systems — Lightning Arresters — Selection Guidelines
760-400-100	2	General Considerations for Planning, Designing, and the Construction of AC Power Distribution Systems in Telephone Equipment Buildings	760-400-605	1	Building Energy Management and Redesign Retrofit (BEMARR) — Electric Motors
760-400-101	1	AC Power Distribution System Design Criteria (6-93)			

* DMS is a registered trademark of Northern Telecom Ltd.

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760-510-150	2	Piping Identification	760-550-205	1	Building Energy Management and Redesign Retrofit (BEMARR) Converting High-Velocity, Constant-Volume, Dual-Duct System Into Low-Velocity, Variable Air Volume System
760-510-151	2	Piping Exposed and Concealed	■ 760-550-208	3	AT&T Engineering Guide for Ventilation and Air-Conditioning Design Parameters and General Planning Information (4-95)
760-520-150	3	Soap Dispensing Systems	Addendum	1	
760-520-151	3	Plumbing Fixtures in Toilet Rooms and House Service Closets	760-550-209	1	Building Energy Management and Redesign Retrofit (BEMARR) — Estimating Telephone Equipment Heat Release
760-530-100	1	Heating Plants — Description and Fundamentals	760-550-210	1	Building Energy Management and Redesign Retrofit (BEMARR) — Air and Water Economy Cycles
760-530-101	1	Heating Plant — Glossary	■ 760-550-212	3	AT&T Engineering Guide for Ventilation and Air-Conditioning Refrigeration Systems (4-95)
760-530-102	1	Steam Boilers — Description	760-550-213	1	Building Energy Management and Redesign Retrofit (BEMARR) — Chiller Systems
760-530-104	1	Hot Water Boilers — Description	760-550-214	1	Building Energy Management and Redesign Retrofit (BEMARR)—Internal Heat Source Heat Pump
760-530-105	1	Domestic Hot Water Heaters — Description	760-550-218	1	KS-21344 Air Diffuser Performance — Data and Application Guidelines
760-530-106	1	Warm Air Furnaces — Description	760-550-231	1	1/1A ESS Switch — Telephone Equipment Buildings — Mechanical System Design Guide
760-530-108	1	Heating Plant Controls — Description and Installation	760-550-232	1	2/2B ESS Switch — Telephone Equipment Buildings — Mechanical System Design Guide
760-530-110	1	Flame Safeguard Controls — Fuel-Burning Heating Plants — Description	760-550-233	1	4ESS™ Switch — Conventional Equipment Cooling Systems
760-530-112	1	Heating Plant Relief Devices — Description	760-550-260	1	Engineering Guide for Ventilation and Air Conditioning — Standard Detail Drawings
760-530-114	1	Combustion Principles and Fuel Storage — Description	760-550-261	1	SD-1 Absorption Refrigeration System — SD-2 Air Compressor Instrument Air — Single Unit
760-530-116	1	Heating Plants — Acceptance Testing	760-550-262	1	SD-3 Air Compressor Instrument Air — Duplex Unit — SD-4 Condensate Cooler Connections
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760-530-150	2	Relief Valves for Hot Water Storage Tanks			
760-530-151	1	Relief Valves for Tankless Hot Water Heaters			
760-540-150	3	Safety Valves for Steam Heating Boilers			
760-540-151	3	Safety Relief Valves for Hot Water Heating Boilers			
760-540-152	1	Relief Valves for Hot Water Supply Boilers			
760-540-153	1	Low Water Cut-off Controls for Oil Burners			
760-550-102	4	Ventilation for Battery Area — Requirements			
760-550-151	5	Ventilation of Transformer Vaults, Heating Plants, Power Rooms, Internal Combustion Engine Rooms, and Gas Meter Compartments			

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760-550-264	1	SD-7 Cooling Coil Connections — SD-8 Cooling Coil Connections.	760-555-150	2	Atmospheric Environment for Telephone Equipment Space — Considerations and Heat Release Data
760-550-265	1	SD-9 Cooling Tower Connections — Single Cell SD-10 Cooling Tower Connections — Multi-Cell	760-555-151	4	Atmospheric Environment for Telephone Equipment Space
760-550-266	1	SD-11 Duct Connections — Branch Duct Work SD-12 Duct Connections — Branch Duct Work	Addendum	1	
760-550-267	1	SD-13 Duct Support and Rod Penetration Through Duct — SD-14 Duct Symbols	760-560-150	2	Guarding Moving Parts of Machines
760-550-268	1	SD-15 Duct Work Hangers and Supports — SD-16 Duct Work Joints	760-570-100	1	Building Energy Management and Redesign Retrofit (BEMARR) — Heating
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760-550-270	1	SD-19 Equipment Isolation Base — SD-20 Expansion Tank — Closed	760-570-500	1	Building Energy Management and Redesign Retrofit (BEMARR) — Heat Recovery
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760-550-272	1	SD-23 Heating Coil Connections — Hot Water — SD-24 Heating Coil Connections — Steam	760-600 Administrative		
760-550-273	1	SD-25 and SD-26 Heating Coil Connections — Steam	760-600-100	2	Use of Practices
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			760-600-250	1	Application Criteria for Training Facilities and Residential Type Buildings
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			■ 760-600-315	1	Fire Safety Application
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■ 760-610-405	1	Fire Safety — Fire Resistance Ratings of Structural Elements	■ 760-640-105	1	Fire Safety Selection and Distribution of Portable Fire Extinguishers
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■ 760-610-905	1	Fire Safety — Cafeteria/Kitchen Cooking Areas	760-640-300	2	Considerations for Suppression Systems
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760-620 Fire Suppression System			760-640-320	2	Considerations for Pumps for Fire Service
760-620-100AC	1	Fire Protection During Construction	760-640-400	1	Design Considerations for Halon 1301 Total Flooding Systems
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Division 780

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800-102-100	2	Automatic Transmission Measuring System and Associated Testing Arrangements — Centralized Tape and Card Administration

800-4 NORAD Alerting System

■ 800-400-001AC	2	Control Center Terminal Equipment Package — Description, Installation, and Maintenance Procedures
■ Addendum AC	1	
■ 800-400-002AC	2	PVAS/WAS Station Set — Description, Installation, and Maintenance Procedures

800-6 General Equipment Requirements for Installation and Manufacturing**800-600 Checking List (Division 800, Layer 6)**

800-600-000	2	General Equipment Requirements
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800-601 Corporate Identity/Industrial Design Guidelines and Standards

800-601-005	1	Corporate Color Management Program Brochure
800-601-010	1	Product Marking Reference Manual
800-601-011	1	Corporate Product Marking System Brochure
800-601-014	1	Corporate Color Palette Brochure
800-601-201	1	Customer Premises Industrial Design Standards and Guidelines Brochure

Number	Issue	Subject
800-610 General Information		
800-610-150	11	Moistureproofing of Central Office Equipment
800-610-151	4	Preparation and Mounting of Apparatus Designation Charts, Circuit Labels, Terminal Assignment Lists, etc.
800-610-152	9	Gauge and Insulation of Wire
Addendum	1	
800-610-153	7	Cabling Diagrams for Schematic Circuit Drawings
800-610-154	10	Mounting and Aligning Apparatus
Addendum	1	
800-610-155	10	Earthquake and Disaster Bracing for Central Office Equipment
800-610-156	1	Relay Rack Equipment — Numbering Plans for the Various Central Office Systems
800-610-157	3	Hardening of Central Office and Main Station — Communication Equipment Installed in 50-PSI Buildings
800-610-158	2	Packaged Electronic Products — Wiring, Cabling, Numbering and Lettering
Addendum	1	
800-610-159	7	Printed Wiring Products and Assemblies
800-610-160	2	Hardening of Intermediate or Auxiliary Station — Communication Equipment
800-610-161	1	Amplas Assemblies
Addendum	1	
800-610-162	1	Printed Wiring Products — Resin-Coated Metal Type
Addendum	1	
800-610-163	1	Hardening of Central Office and Main Station — Communication Equipment Installed in 10-PSI Buildings
800-610-164	3	New Equipment-Building System (NEBS)
■ 800-610-164AC	1	Network Equipment-Building System (NEBS)
800-610-165	3	Circuit Voltage Limits
800-610-166	1	No. 4ESS™ — Central Office Frame Location Numbering Plan — Switching Systems

Number	Issue	Subject
800-611 Woodwork and Metalwork		
800-611-150	3	Woodwork and Associated Materials
Addendum	1	
800-611-151	3	Metal Work
Addendum	1	
800-611-153	10	Finishes for Equipment Purposes
800-612 Wiring and Cabling		
Addendum	1	
800-612-150	2	Specific Requirements for Wiring and Cabling — Electronic Type Equipment
800-612-151	6	Design of Cable Forms
800-612-152	5	Stripping and Butting Cables
Addendum	1	
800-612-153	10	Forming, Fanning, Sewing, and Skinning
800-612-154	12	Connecting and Soldering Individual Conductors
800-612-156	10	Placing, Securing, and Supporting Cable Forms Including Unequipped Forms
800-612-157	10	Protection of Cable Forms and Skinners and Repair of Insulation
800-612-158	7	Splicing Switchboard and Lead-Covered Cables, Local Cables, and Individual Conductors
800-612-159	8	Strapping and Cross Connections
Addendum	1	
800-612-160	7	Dressing of Skinners
Addendum	2	
800-612-161	9	Color Combinations and Uses
800-612-162	11	Selection of Standard Copper and Lightguide Central Office Cables
Addendum	1	
800-612-163	8	Specific Requirements for Wiring and Cabling — Crossbar-Type Equipment
800-612-164	8	Forming, Grounding, Splicing, and Terminating Shielded Wiring and Coaxial and Twin-Conductor Shielded Office Cable
800-612-165	1	Specific Requirements for Dressing of Skinners — Power Plant Apparatus

Number	Issue	Subject	Number	Issue	Subject
800-613 Numbering and Lettering			800-614-152	9	Switchboard, Power, and Local Power Cables and Lightguide Cables
Addendum	1		800-614-153	5	Sheathing for Cable Openings
800-613-150	11	Common Requirements	Addendum	1	
800-613-151	6	Specific Requirements for Apparatus and Equipment — A to E (Apparatus Coded Panels to Equalizers)	800-614-154	9	Location, Erection, and Assembly of Equipment
800-613-152	8	Specific Requirements for Apparatus and Equipment — F to I (Filters to Interrupters, except Frame and Racks)	Addendum	3	
800-613-153	5	Specific Requirements for Apparatus and Equipment — J to Q (Jack to Protectors)	800-614-155	9	Auxiliary Framing— Low-Type
800-613-154	8	Specific Requirements for Apparatus and Equipment — R (Relays to Resistors)	Addendum	1	
800-613-155	8	Specific Requirements for Apparatus and Equipment S Through Z — (Selectors to Variators)	800-614-156	5	Auxiliary Framing (High Type) and Frame Supports Installing
800-613-156	2	Specific Requirements for Toll Transmission Equipment Mounted on Duct-Type Frames	Addendum	1	
800-613-157	3	Specific Requirements for Apparatus and Equipment — Frames and Racks	800-614-157	11	Cable Racks
800-613-158	3	Specific Requirements for Apparatus and Equipment — Distributing and Protector Frames	800-614-158	8	Cable Clips
800-613-159	4	Specific Requirements for Equipment Code Numbers, SD Drawing Numbers, and Single or Multiple Sets of Circuit Apparatus for Equipment Mounted on other than Duct-Type Framework	800-614-159	11	Rolling Ladders
800-613-160	3	Specific Requirements — Power Apparatus and Equipment	800-614-160	3	Switchboards and Desks
Addendum	1		Addendum	1	
800-613-161	1	Specific Requirements for Apparatus and Equipment — Electronic Type	800-614-161	5	Frames, Racks, Fuse Bays, and Fuse Panels
800-614 Installation			800-614-162	4	Pneumatic Ticket Distributing System
800-614-150	4	General Installation Requirements	800-614-163	1	Capacitance Unbalance Reduction in Toll Office — Textile Covered Quadded Switchboard Cable
800-614-151	6	Emergency Alarm Systems Including Automatic Fire-Detection Feature	800-614-164	3	Switchboard Multiple Cabling
			800-630 Performance Requirements		
			■ 800-630-100	1	Notification to Use (NTU) Procedures
			800-630-180	3	General
			800-651/669 Inspection — Central Office Equipment		
			800-651-180	1	(IS201.002) — Detailed Inspection Procedures
			800-651-181	5	(IS201.010) — Inspection Requirements — Relays A and AB Types
			800-668-000	21	(IS218.001) — Common Systems Index
			800-668-153	4	(IS218.005) — Solderless Wrapping Bits and Product Connections — Detailed Information
			800-668-180	4	(IS218.002) — Local Systems of Large Rated Capacity — Toll and Telegraph Systems

Number	Issue	Subject	Number	Issue	Subject
800-668-181	4	(IS206.002) — Detailed Inspection Procedure Toll and Telegraph Systems	800-668-193	5	(IS218.021) — Relays — B and G Type(s)
800-668-182	4	(IS218.003) — Connecting and Soldering — Detailed Information	800-668-194	9	(IS218.022) — Relays — E, EA, F, H, R, and T Type(s)
800-668-184	4	(IS218.010) — Relays — 111 (Part of 163), 121, 122, 125, 149, 162, 178, and 179 Type(s) (Round Type)	800-668-195	7	(IS218.023) — Relays — J Type
800-668-185	4	(IS218.011) — Relays — 114, 124, 126, 174, and 198 Type(s)	800-668-196	5	(IS218.024) — Relays — L, N, and S Type(s)
800-668-186	7	(IS218.012) — Relays — 280 Type	800-668-197	7	(IS218.025) — Relays — U and UA Type(s)
800-668-187	5	(IS218.013) — Relays — 263 and 264 Type(s)	800-668-198	4	(IS218.026) — Relays — Y Type
800-668-188	4	(IS218.014) — Relays — 208 and 214 Type(s) (Counting Relays)	800-668-199	4	(IS218.027) — Relays — UB Type
800-668-189	2	(IS218.015) — Relays — 235 Type	800-669-180	1	(IS218.028) — Relays — AF, AG, and AJ Type(s)
800-668-190	6	(IS218.017) — Relays — 221, 222, 223, 224, 225, 247, 248, 251, and 252 Type(s) (Step-by-Step Types)	800-669-181	1	(IS218.029) — Relays — 286, 287, and 288 Type(s)
800-668-191	3	(IS218.018) — Relays — 266 Type	800-669-182	6	(IS218.030) — Selectors — 200, 206, 209, and 211 Types — Banks — 16, 26 and 32 Types
800-668-192	1	(IS218.020) — Relays — AK Type(s)	800-669-183	3	(IS218.031) — Keys
			800-669-184	1	(IS218.032) — Selectors — 204 Type (Minor Switch)
			800-669-185	7	(IS218.033) — Switches — 324, 325, and 328 (Crossbar) Types
			800-669-186	4	(IS218.034) — Switches — 197 and 198 (Step-by-Step) Types

Division 801**Equipment Design and General Requirements and Engineering Information — Common Systems**

801-0 Index, Inventory Control/Identification, Distributing Frames, Racks, Ladders, Casings, Cabinets, Fuse Bays, Network, and Miscellaneous Frames and Equipment

801-1 Minicomputer Equipment

801-2 Test Equipment

801-3 New Product Development Support

-301 NS Gate Process

801-4 Line Balancing and Delay Equalizing, Repeating Coils, VF Repeaters, VF Maintenance, Radio and Carrier

801-5 Digital Transmission Facilities

801-6 Alarm, Announcement, Selective Signaling, Warning, Alerting, Air Ground Communication, Code Calling, Reporting, Signaling Systems and Signaling Equipment

801-7 Picturephone Equipment

801-8 Electronic Switching Type Equipment

801-9 Miscellaneous

Number	Issue	Subject
801-0 Index, Distributing Frames, Racks, Ladders, Casings, Cabinets, Fuse Bays, and Miscellaneous Frames and Equipment		
801-000-000	41	Numerical Index — Division 801 — Equipment Design and General Equipment Requirements and Engineering Information — Common Systems (2-95)

801-001 Inventory Control/Identification

801-001-100	1	Bar Code Standards
801-001-105	3	Bar Code Label Standard — Shipping and Receiving

Number Issue Subject

801-005 Distributing Frames

801-005-150	4	(J97029) — Single Sided — 11' 6" High — 10" Guard Rail Width — Verticals on 8" Centers
801-005-151	2	(J97030) — Single Sided — Arranged for Protectors and Associated Radio Frequency Line Filters — 7'-0" and 9'-0" High
801-005-152	1	(J97031) — Main Distributing Frames — Protector Frames
801-005-153	1	(J97032) — Intermediate Distributing Frames — Trunk Distributing Frames
801-005-164	2	(J90610) — COSMIC® II Frame System

801-006 Racks

801-006-150	5	(J90603) — Cable Racks
801-006-151	5	(J90801) — Cable Hole Sheathing
801-006-153	3	(J93001) — Relay Rack — Unit Framework and Wiring
801-006-154	5	(J97014) — Relay Racks — Channel Type — Framework
Addendum	1	
801-006-155	4	(J97025) — Relay Rack — Angle Type Framework and Cabling
Addendum	1	
801-006-156	5	(J97021) — Message Register Rack — Unit Type
801-006-157	7	(J92603) — Traffic Register Equipment
Addendum	1	
801-006-158	3	(J90606) — Cableway Systems for Electronic Offices Using 7-Foot Frameworks — Equipment Design Requirements — Common Systems
801-006-161	2	Telephone Equipment Frame Cooling — Use of KS-21344 Air Diffuser
801-006-162	1	(J99392) — Routing Selected Transmission Control (RSTC) — Loop Around and Gain Trunk Circuits

Number	Issue	Subject
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801-007 Ladders

801-007-150	5	(J90604) — Ladders, Benches, and Stools — Application Practices
801-007-151	3	(J90605) — Rolling Ladders — Track Type

801-009 Cabinets

801-009-150	3	(J99204) — Alarm Circuit — Central Office, PBX, or Auxiliary Telephone Repeater Station
801-009-151	4	(J99219) — Steel Equipment Cabinets Housing Miscellaneous Equipments
801-009-152	3	(J99354) — Facilities Serving Power Industry — Terminating Unit — Central Office and Power Stations
801-009-153	2	(J99355) — Facilities Serving Power Industry — Remote Drainage Unit
801-009-154	2	(J99356) — Facilities Serving Power Industry — High Voltage Interface Unit

801-010 Fuse Bays

Addendum	1	
801-010-150	3	(J97033) — Angle Relay Rack Type
Addendum	1	
801-010-151	4	(J97037) — Bulb Angle Type Relay Rack — Arranged for 70-Type Fuses

801-015 Miscellaneous Frames

801-015-150	3	(J97035) — Cable Duct-Type Bay Framework and Associated Parts
801-015-151	2	(J97038) — Cable Duct-Type Bay Framework With Unequal Flange Uprights and Associated Parts
801-015-152	1	(J97039) — Universal Framework (UNIFRAME) and Associated Parts
801-015-154	1	(J98632) — 7-, 9-, 11-Foot 6-Inch Network Bay Frame

Number	Issue	Subject
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801-020 Network Equipment

■ 801-020-100AC	1	NEBS (Network Equipment Building System) General Equipment Requirements
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801-025/-026 Miscellaneous Equipment

801-025-150	9	(J99234) — Long Line Equipment for Subscriber Lines to a Central Office
Addendum	1	
801-025-153	1	(J99242) — Miscellaneous Central Office Equipment Covered by Equipment Drawing Codes
Addendum	1	
801-025-154	1	(J99243) — 4-Wire Bridging Arrangement Using 2-Way Speech Multipoint System — Central Amplifier Circuit
Addendum	1	
801-025-155	1	(J99241) — 2-Wire Bridging Equipment Multistation Private Lines — 20-Cycle Signaling
801-025-156	2	(J99240) — Emergency Transfer Facilities to Provide Alternate Routes for Vital Circuits
801-025-157	1	(J99228) — Trunking Facilities for Interconnecting Community Dial Offices With Operator Offices
801-025-158	4	(J93007) — Trunks Interconnecting — Operator Offices With Community Dial Offices
801-025-159	2	(J99265) — Loop Signal Converter and Long Line Equipment for Use With 154A1 Automatic Data Set Operation
801-025-160	2	(J99294) — Transistorized Conference Amplifiers and Equipment for Four or Six Simultaneous Connections
801-025-162	6	(J98610) — Program Transmission — Equipment for Central Office Distributing System
Addendum	1	
801-025-163	13	(J93016) — Relay Rack Mounted Equipment for Traffic, Maintenance Desks, and Frames

Number	Issue	Subject	Number	Issue	Subject
801-025-164	3	(J93012) — Relay Rack Mounted Equipment for Local Manual or Combined Local Manual and Toll Offices Interconnected by Intertoll Dialing Arrangements or by Toll Switching System No. 4	Addendum	1	
801-025-165	10	(J99206) — Equipment Units — Relay Rack Mounted	801-026-155	2	(J99340) — General Purpose 4-Wire — Order Circuit Equipment
801-025-166	11	(J99235) — Equipment Units — Relay Rack Mounted	① 801-026-156	1	(J99342) — Preemption Tone Detector for AUTOVON
801-025-167	5	(J99236) — Relay Rack Mounted Equipment — Located in Central Office or in Either a PBX or Central Office Associated With PBXs	801-026-157	1	(J99344) — Interconnecting Units — Master Specification
801-025-168	6	(J99226) — Battery Filters — Equipment and Wiring	801-026-158	1	(J98623) — Message Repeater Terminal Equipment for Long Subscriber Loops
801-025-169	3	(J99278) — Decentralized Filter Unit	801-026-159	4	(J99334) — Plug-In Long Line Units for Customer Lines to a Central Office or PBX and for Trunks Between a PBX and a Central Office
801-025-170	1	(J99290) — Automatic Detection of Operated Gas Pressure Contactors or Transducer Pressure Indications in Pressurized Exchange Cable	801-026-160	3	(NJ02517) — Signaling Range Extender for Coin Lines
801-025-171	1	(J93023) — Event Counter Unit	801-026-161	5	(J49803) — Testing Equipment (AMA) — Perforator and Reader Test Unit
801-025-172	1	(J99283) — No. 1A Line Concentrator — Battery Charging Unit	801-026-162	2	(J49806) — Reader Cabinet — Paper Tape Reader Equipment — Electronic Data Processing — Automatic Message Accounting Centers
801-025-173	2	(J99279) — Modifications of No. 1A Line Concentrator Systems	801-026-164	2	(J99365) — No. 1 Trunk Concentrator and Outgoing Trunk — Frames
Addendum	1		801-026-165	3	(J99375) — Incoming Trunk Frames and Units — No. 1 Trunk Concentrator — Equipment Design Requirements — Common Systems
801-025-174	4	(J99259) - No. 1A Line Concentrator — Remote Units	Addendum	1	
Addendum	1		801-026-166	2	(J99376) — Outgoing Trunk Units and Outgoing Trunk Transmission Units — No. 1 Trunk Concentrator
801-025-175	4	(J99258) — No. 1A Line Concentrator — Control Frames and Units	801-026-168	1	(J93026) — Transmission Test Termination Units — Crossbar, Manual, Panel, Step-by-Step, PBX, or Toll Office
① 801-025-176	2	(J99305) — Line Concentrator No. 2B — Control Frame	801-026-171	5	(J99380) — Customer Premises Facility Terminal
① 801-025-177	2	(J99306) — Line Concentrator No. 2B — Remote Frame	Addendum	1	
801-025-178	2	(J99295) — Line Concentrator No. 2A — Remote Frame	801-026-173	1	(J99391) — Message Printer Unit
① 801-025-180	1	Performance Requirements — Line Concentrator No. 2B	801-026-180	1	Performance Requirements — No. 1 Trunk Concentrator
801-026-151	2	(J99227) — 10 IPM Interrupter and Impulse Clock Supply			
801-026-152	3	(J99327) — J99327A Tone Generator (400A)			
801-026-153	2	(J99328) — J99328A Timer (5A)			
801-026-154	3	(J99329) — J99329A Control Unit (60A)			

Number	Issue	Subject	Number	Issue	Subject
801-1 Minicomputer Equipment			801-205-163	5	(J94725) — Test Set for Mercury Contact Relays
801-100-151	3	(J99366) — Unified Bus Converter Unit — 16 Row by 16 Bit Scanner Matrix Unit — 4 Row by 16 Bit Signal — Distributor Matrix Unit	801-205-164	1	(J94726) — Interrupter Set — 30 Pulses Per Second
Addendum	1		801-205-165	3	(J94727) — 1A Signaling Test Set
801-100-152	2	(J99379) — Programmable Scanner/ Distributor (PSD)	801-205-166	2	(J94728) — Trunk Test Set For Test of Intercepting Trunks to Information Desks Nos. 3, 4, and 6
801-100-153	2	(J1C124) — Magnetic Tapes — UNIX®* Operating System	801-205-167	5	(J94729) — Trunk Test Equipment for Test of Incoming Automatic Information or Intercepting Trunks
801-2 Test Equipment			801-205-168	1	(J94730) — 1A Fault Locator Test Set
Test Frames, Test Sets			801-205-169	1	(J94731) — Cold Cathode Tube Test Set
801-205-150	1	(J93027) — Remote Office Test Line Control Panel for Use With Electromechanical Remote Office Test Line Systems	801-205-170	3	(J94732) — 3A Pulse-Generating Test Set, Electronic Type, and 3A Digit Control
801-205-151	7	(J93006) — Relay Rack Mounted Test Equipment	801-205-171	1	(J94735) — Magnetic Latching Relay — Timing Test Set
Addendum	1		Addendum	1	
801-205-152	5	(J93017) — Relay Rack-Mounted Test Equipment	801-205-172	2	(J94738) — Remote Testing Test Set
801-205-154	2	(J93025) — Coin Station Test Line Calibration Set	801-205-173	2	(J94743) — 4A Signaling Test Set for Maintenance and Testing in Loop, Single Frequency, E&M Lead and DX Signaling Systems
801-205-155	4	(J94711) — Patching Cord Test Set — Box Type — Wall Mounted	801-205-174	1	(J94742) — Portable Auxiliary Trunk Test Set for Use in Testing Trunks to No. 5 Crossbar ACD
801-205-157	4	(J94713) — Relay Timing Test Set for Testing Relays for Time Adjustments (Box Type)	801-205-175	2	(J64714) — D-C, MF, and MF and D-C, Key Pulsing Control Set
801-205-158	5	(J94714) — 35F Test Set (Box Type) for Adjusting Relays and Other Electromagnetic Apparatus	801-205-176	2	(J64722) — Pulse Repeating Test Set (Box Type)
801-205-159	5	(J94715) — Call Thru Test Set (Box Type) and Associated Connecting Facilities for Originating and Receiving Calls Over Subscriber Line Circuits	801-205-177	1	(J99233) — Telephone and Test Equipment for Testing 2- and 4-Wire Private Lines
801-205-160	1	(J94720) — Jack Test Set (Box Type)	801-205-178	2	(J99297) — Touch-Tone Station Test Receiver — Signaling
801-205-161	3	(J94723) — Pulse Checking Test Set — (Box Type)	801-206-150	1	(J99348) — Speed Test Circuit for Touch-Tone Automatic Dialers
801-205-162	3	(J94724) — Contact Closure Test Set (Box Type)	Addendum	1	
			801-206-152	1	(J94736) — No. 1A Pulsing Analyzer — Portable Type
			801-206-153	1	(J94747) — No. 1 Trunk Concentrator — Portable Trunk Test Set

* UNIX is a registered trademark of Novell, Inc.

Number	Issue	Subject	Number	Issue	Subject
Test Cabinets, Test Desks, Desks, Key Cabinets Testboards, Test Units			801-225-153	6	(J63516) — No. 17B Testboard
801-220-150	2	(J94717) — Local Test Cabinet No. 2 — (Box Type)	801-225-154	3	(J63519) — 17C Testboard
Addendum	2		❶ 801-225-155	2	(J63529) — No. 17D Testboard
801-220-151	7	(J94709) — No. 3 Local Test Cabinet	801-225-156	1	(J63531) — No. 17E Testboard
801-221-150	9	(J95001) — Loudspeaking Telephone System for Communication Between No. 14 or No. 16 Local Test Desks or No. 3 Cable Test Desk and Distributing Frames	801-225-158	2	(J63527) — No. 19A Testboard
Addendum	2		801-225-159	1	(J63530) — No. 20A Testboard
801-221-151	9	(J95002) — No. 14 Local Test Desk	Addendum	1	
801-221-152	4	(J95003) — No. 3 Cable Test Desk	❶ 801-225-160	3	(J63532) — No. 21A Testboard
Addendum	1		801-225-161	1	(J99267) — Remote Telegraph Testboard — Switch Frame
801-221-154	3	(J95005) — Test Desk and Associated Supporting Relay-Rack — Equipment Frames — No. 16 Local Test Desk	801-225-163	2	(J63524) — Circuit Patching Bay
801-222-150	5	(J94801) — No. 2 Repair Service Desk	801-225-180	4	Performance Requirements — Testboards No. 4, No. 5, No. 16, No. 17B, 17C and No. 18B
801-222-151	3	(J94703) — Test Supervisor Private Desk	801-225-181	2	Performance Requirements — Amplifiers, Amplifier-Rectifiers, and Weighting Networks for Testing and Maintenance
801-223-150	5	(J94907) — No. 20 Key Cabinet	801-225-182	1	Performance Requirements for Remote Telegraph Testboard Switch Frame
801-223-151	3	(J94909) — No. 21 Key Cabinet	801-225-184	1	(J1C189) — Test Bus Control Unit (TBCU)
801-224-150	3	(J63523) — No. 2A Toll Test Unit — Mobile Wheatstone Bridge — Voltmeter and Telephone Unit	Transmission and Noise Measuring Equipment — Specifications		
801-224-151	2	(J63528) — No. 5A Toll Test Unit	801-250-150	10	(J94002) — 2-Type Panels, Units, and Portable Test Sets for Transmission Measuring
801-224-152	1	(J94745) — Multifrequency Signaling Test Unit	Addendum	1	
801-224-153	1	(J94746) — Multichannel Tone Test Unit	801-250-151	6	(J94003) — Noise Measuring Sets
801-224-154	1	(J94748) — 24 Channel PCM Bank Type D1 — Encoder Bias Digital Test Set	801-250-152	6	(J94004) — Transmission Test Line or Test Trunk Equipment — Crossbar, Manual, Panel, Step-by-Step, PBX, or Toll Office
801-225-150	2	(J63509) — Talking and Signaling Set Equipment for Testboards	801-250-153	7	(J94005) — Using 1U and 1W Amplifier Rectifier (Analog TMS) or KS-20805 Transmission Measuring System (Digital TMS)
801-225-151	7	(J63513) — Miscellaneous Panels and Units for Use With Testboards (also numbered 807-409-150)	Addendum	3	
801-225-152	9	(J63517) — Miscellaneous Panels and Units for Use With Testboards	801-250-154	8	(J94006) — Transmission Measuring — 6-Type Noise Measuring Equipment
			Addendum	1	
			801-250-155	2	(J94007) — Transmission Measuring Carrier Frequency Noise — Measuring Set
			801-250-157	3	(J94022) — Transmission Measuring — 22A Milliwatt Reference Meter

Number	Issue	Subject
Addendum	1	
801-250-158	5	(J94023) — 23-Type — Transmission Measuring Set
801-250-159	3	(J94024) — 24-Type — Subscriber Loop Transmission Checking Equipment
801-250-160	5	(J94025) — J94025-Type — Voiceband Gain and Delay Set
801-250-161	1	(J94026) — J94026 — Wideband Gain and Delay Set
801-250-162	4	(J94027) — 27-Type P/AR
801-250-163	7	(J94051) — 51-Type Automatic Transmission Measuring System — Transmission Measuring
801-250-165	8	(J94071) — 71-Type Milliwatt Reference Generators, Office Tone Sources, and Associated Distributing Arrangements
801-250-166	4	(J99254) — 54-Type Test Sets for Use With E6 and E7 Telephone Repeaters
Addendum	1	
801-250-167	10	(J93020) — Automatic Transmission Measuring System
801-250-168	4	(J93024) — Wideband Test Terminations (100 and 102 Type) — Echo Suppressor Test Termination (108 Type) — Test Line (107 Type) Equipment
801-250-169	2	(J94028) — Transmission Measuring — Continuity Test Circuits
Addendum	1	
801-250-170	2	(J94008) — 8-Type Tone Detector — Transmission Measuring
Addendum	1	
801-250-172	2	(J94052) — 52-Type Automatic Transmission Measuring System — Transmission Measuring
801-250-173	2	(J94054) — ATMS Interrogators and Associated Equipments
801-250-175	1	(J94056) — 56A Mini-Responder — Transmission Measuring
801-250-177	2	(J1C140) — Digital Access Timeslot Selector (DATS) — Transmission Test

Number	Issue	Subject
Performance Requirements Transmission and Noise Measuring Equipment		
801-270-180	1	(J64006B) — Amplifiers and Weighting Networks for Testing and Maintenance
801-270-181	2	(J68831A) — Visual Transmission Measuring Set

801-3 New Product Development Support

801-301 NS Gate Process

■ 801-301-100	1	NS Views User Guide ~CIC Contact Dean Harmon x-6369
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801-4 Line Balancing and Delay Equalizing, Repeating Coils, VF Repeaters, VF Maintenance, Radio and Carrier

Line Balancing, Delay Equalizing, Repeating Coils

801-401-150	7	(J98607) — Line and Balancing — Repeating Coil Equipment Units — For Open- Wire or Cable Circuits — Arranged for CX Signaling
801-401-151	6	(J98616) — Line and Balancing — Impedance Compensator and Impedance Corrector — Panel and Bay Equipments
801-401-152	4	(J99292) — Amplitude and/or Delay Equalizing Units for Use With Voice Frequency Circuits
801-401-153	1	(J99347) — Amplitude and/or Delay Equalizing Units for Use With Voice Frequency Circuits

VF Repeaters and VF Maintenance

801-405-150	3	(J98611) — E1 Telephone Repeater
801-405-151	6	(J98612) — E2 and E3 Telephone Repeaters and E-Repeater Test Set
801-405-152	8	(J99253) — E6 Telephone Repeaters and Unit and Bay Equipments for E6 and E7 Telephone Repeaters
801-405-153	1	(J99271) — E7 Telephone Repeaters
801-405-180	3	(J98611A) — Performance Requirements — E1 Telephone Repeater SD-95465-01

Number	Issue	Subject	Number	Issue	Subject
801-405-181	3	Performance Requirements — E2 and E3 Telephone Repeaters	801-407-153	4	(J98624) — VF Bay Assemblies and Associated Equipment to Provide Transmission Features Such as Level Adjustment, Echo Suppression, Equalization, and Type F Signaling
801-406-151	8	(J98615) — V4 Telephone Repeater — Bay Equipment Panels and Associated Terminating Equipment	801-407-154	6	(J99338) — Special Voice-Frequency Equipment for Use With Operator Services, Test Facilities or Similar Application
Addendum	1		801-407-155	4	(J98625) — Range Extender With Voice Frequency Gain (Reg)
801-406-152	2	(J98619) — Message and Signal Repeater for Long Subscriber Loops	801-407-156	3	(J98626) — Unitized VF Terminal Equipment — F Type Signaling, A6 Carrier Channel Banks and Associated Equipments
801-406-160	10	(J99343) — Metallic Facility Terminal	Addendum	1	
801-406-161	2	(J99378) — Metallic Facility Terminal With Maintenance Access Provisions	801-407-159	2	(J98629) — Unitized VF Terminal Equipment — F Type Signaling, A6 Carrier Channel — Banks and Associated Equipments
801-406-162	3	(J99386) — Metallic Facility Terminal Connectorized Modular	801-407-160	2	(J98631) — Miniature Range Extender With Voice Frequency Gain (Mini-REG)
801-406-163	3	(J99394) — Metallic Facility Terminal Connectorized Modular With Maintenance Access Provision	801-407-180	1	(J99338) — Performance Requirements — Switched Gain Repeater
801-406-164	1	(J99400) Packaged Metallic Facility Terminal — Assemblies for Network Termination and Central Office Application	Addendum	1	
801-406-165	3	(J99401) — Metallic Facility Terminal — Special Arrangements and Mounting Equipment	801-408-150	3	(J99320) — Switched Maintenance Access System No. 1A
801-406-166	1	(J99402) — Automated Transmission Terminal System (ATTS), Metallic—Metallic-Facility Treatment (MFT-5)	801-408-151	3	(J98622) — Relay Rack Equipment — Switched Maintenance Access System No. 3()
801-406-167	1	(J99403) — Automated Transmission Terminal System (ATTS) Provisioning Controller	Addendum	1	
801-406-180	4	Performance Requirements — V3 Telephone Repeaters	801-408-152	1	(J99357) — Testboard No. 24A
801-407-150	4	(J98617) — VF Bay Assemblies and Associated Equipment to Provide Transmission Features Such as Level Adjustment, Equalization, and Signaling	801-408-153	3	(J99359) — Switched Maintenance Access System (SMAS)—Interface and DF Access (SMAS 4) Equipment for Use With SMAS 5A/RTS 5A Equipment to Provide a SMAS 5B/RTS 5A Network
801-407-151	4	(J98620) — Miscellaneous Voice Frequency Equipment	801-408-154	3	(J99361) — Intertoll and Integrated Manual Test Frame (Testboard No. 25A)
801-407-152	3	(J98621) — Voice Frequency — Transmission Maintenance — Bays and Associated Panels	801-408-155	1	(J99362) — Voice-Frequency Transmission — Status Display Frame
			801-408-156	1	(J99363) — Voice-Frequency Transmission — Status Concentrator Frame

Number	Issue	Subject
Radio Specifications		
801-415-150	3	(J99303) — Short Haul Radio Systems — TJ, TL-2, and TM-1 — Application Specification
Addendum	1	
801-415-151	2	(J99262) — TL-1 Radio — Transmitter- Receiver Equipment — Order-Wire and Alarm Equipment
801-415-152	3	(J99296) — TL-2 Radio — Transmitter- Receiver, Order-Wire and Alarm Diversity Switch, Video, and Associated Equipment Common to Short Haul Radio Systems
801-415-153	3	(J99302) — TM-1 Radio — Transmitter- Receiver Equipment, Power Amplifier, and Associated Equipment — Common to Short Haul Radio Systems
801-415-155	1	(J99351) — TM-2 Radio — Transmitter- Receiver Equipment

Radio Performance Requirements

801-415-180	1	TL Microwave Radio Transmitter-Receiver
801-415-181	2	TL-2/TM-1 Microwave Radio — Transmitter-Receiver
801-415-182	1	TM-A1 Power Amplifier
801-415-183	1	TM-1 Microwave Radio — TM-1 Transmitter Equipped With TM-B1 Power Amplifier
801-415-185	1	TM-2 Microwave Radio — Transmitter- Receiver

N1 Carrier**Specifications**

801-430-150	13	(J98703) — N1 Terminal and Repeater — N1, O1, and ON-1 Miscellaneous Equipment
801-430-151	6	(J98704) — Order Wire and Alarm
801-430-152	2	(J99333) — N Carrier Telephone — Schedules A and B Program Terminal — Plug- In Units and Shop-Wired Terminal

Performance Requirements

801-430-180	5	Terminal Mountings
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Number	Issue	Subject
801-430-181	4	N1 and ON1 Carrier Telephone Repeater Mounting
801-430-182	2	Order Wire and Alarm Circuits
801-430-183	1	Reversing Circuit and Associated Branch Circuits for Schedule A and B Program Transmission
801-430-184	2	Deviation Regulator
801-430-185	2	J98703BE Adjustable Deviation Equalizer — N and ON Carrier Telephone Systems

N2 Carrier**Specifications**

801-431-150	8	(J99272) — Terminal Equipment — Plug- In Units and Shop-Wired Bays
801-431-151	6	(J99285) — Packaged Terminal Equipment
801-431-152	5	(J99321) — N Carrier Telephone — N2 Carrier Repeater
801-431-153	2	(J99323) — N Carrier Telephone — N2 Line Build-Out and Cross-Connecting Equipment

Performance Requirements

801-431-180	1	Terminal Bays
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N3 Carrier

801-432-150	4	(J99300) — N3 Terminal, N3-L Type B or C Junction, and Common Carrier- Frequency Supply
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Addendum

801-432-151	3	(J99331) — N3-L Junction
801-432-155	3	Terminal Equipment — N4 Carrier Telephone

O, ON and ON/K Carrier**Specifications**

801-435-150	7	(J98705) — O Carrier Telephone — Terminals and Repeaters
801-435-151	6	(J98706) — ON Carrier Telephone — Repeaters, Junction, and Multiplex Equipment
801-435-152	4	(J98709) — ON/K Carrier Telephone — Terminal, Repeater, and Junction Equipment

Number	Issue	Subject	Number	Issue	Subject
Performance Requirements			801-500-152	1	(J98735) — Digital Access and Cross-Connect System — System Application and Equipment Design Requirement
801-435-180	6	O1 Carrier Telephone Terminal Mountings	801-500-154	1	(J98739) P QUARK — Programmable Quantizer Analyzer and Record Keeper
801-435-181	3	O1 Carrier Telephone Repeaters	801-505-150	3	(J98711) — D1 Channel Bank Equipment for Use With T1 Carrier
801-435-182	2	ON1 Carrier Telephone Terminals and Junction Mountings	801-505-151	3	(J98713) — Wideband Data Equipment for Use With T1 Carrier
801-435-183	1	20 Channel-40 Channel Combining Circuit of ON1 Carrier Telephone for Radio	801-505-152	4	(J98714) — D2 Channel Bank Equipment for Use With Digital Transmission Systems
801-435-184	1	ON/K Carrier Telephone Terminal, Repeater, and Junction Mountings	801-505-153	1	(J98718) — D3 Channel Bank Equipment for Use With Digital Transmission Equipment
801-435-185	1	ON/K Carrier Telephone Adjustable Deviation Equalizer	801-505-154	1	(J98715) — Unitized D3 Channel Bank Bay With Optional SMAS
Loop Carrier			801-505-155	3	(J98726) — D4 Channel Bank Equipment for Use With Digital Transmission Systems
801-440-001	1	(J1C142) — Pair Gain Test Controller (PGTC)	801-505-156	1	(J98732) — DCT Channel Bank Equipment for Use With Digital Transmission Systems
Addendum	1		801-505-157	3	(J98733) — Voice Frequency Transmission — Unitized Digital Transmission Facilities Terminal, D4 Channel Banks With SMAS 3 or SMAS 5 Access Circuit
801-441-150	3	(J99332) — U-1 Subscriber Loop Carrier	801-505-158	2	D4 Channel Bank Equipment Code List, Digital Transmission Systems
801-441-151	2	(J98729) — Subscriber Loop Carrier-1 (SLC®-1)	801-505-159	1	(J98473) — D5 Channel Bank and Controller Equipment For Use With Digital Transmission Systems
801-444-170	1	KS-20988 Multi-Channel Subscriber Carrier	Performance Requirements		
801-445-150	1	(J1C123) — Loop Switching System	801-505-180	1	T-1 Carrier Terminal Bay — (D1 Bank)
801-450-103	3	(J1C128) — SLC-8 Subscriber Loop Carrier System	801-505-181	1	D2 Channel Bank
801-450-104	1	Subscriber Loop Carrier-96 — SLC-96 Channel Bank Equipment	801-507-204	4	D5 Digital Terminal System Non-mechanized Ordering Guides NOTE: Includes binder, introduction, and tabs. To obtain contents of binder, order separately 801-507-205, -206, and -207.
801-450-105	1	(J1C171) — SLC-24 Subscriber Loop Carrier System			
801-450-150	3	(J1C046) — Subscriber Loop Multiplexer			
Addendum	1				
801-450-151	4	(J1C049) — Subscriber Loop Carrier-40 (SLC-40)			
801-5 Digital Transmission Facilities					
Channel Banks					
Specifications					
801-500-150	2	(J98731) — DSX-1, DSX-1C, and DSX-2 — Patch and Cross-Connect — Equipment Design Requirements — Common Systems			

Number	Issue	Subject
801-507-205	2	D5 System Nonmechanized Ordering Guide and Equipment Record for New D5 Digital Terminal System Equipment
801-507-206	2	D5 System Nonmechanized Ordering Guide and Equipment Record for Additions to Existing D5 Digital Terminal System Equipment
801-507-207	2	D5 System Nonmechanized Ordering Guide for D5 Digital Terminal System Plug-Ins

Transmission Lines**Specifications**

801-523-150	4	(J98710) — T1 Carrier — System Requirements and Repeater Bay Equipment
801-523-151	2	(J98717) — T2 Digital Line — System Application Specification
801-523-152	2	(J98721) — T4M Digital Line — System Application & Equipment Design Requirements
801-523-153	1	(J98725) — T1C Carrier — System Requirements and Repeater Bay Equipment
801-523-156	2	(J98728) — T1/OS Digital Transmission System — Line and Terminal Equipment
801-523-166	1	(J98745) — Transversal Equalizer Bay — 90B Digital Regenerator

Performance Requirements

801-523-180	1	T-1 Carrier — Office Repeater Bay
801-523-181	2	Carrier Alarm Circuit
801-523-182	1	T-1/OS Span Terminating Bay Circuits — Common Systems
801-523-183	3	(J98721A, B) — T4M Digital Coaxial Line — Span Terminating Frame
801-523-264	1	(J99383) Radio Line Terminating Frame (RLTF) and Radio Line Terminating Arrangement (RLTA) — 3A Radio Digital System (3A-RDS)

Number	Issue	Subject
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Multiplexer**Specifications**

801-525-151	1	(J98716) — M1-2 Digital Multiplex System Application
801-525-153	3	(J98723) — M34 Digital Multiplex — Digital Transmission Facilities — System Application
801-525-154	2	(J98724) — Digital Transmission Facilities — M13 Digital Multiplex — System Application
801-525-155	1	(J98727) — M1C Digital Multiplex for T1C Carrier
801-525-157	1	(J98737) — M1C-A Digital Multiplex for T1C Carrier

Performance Requirements

801-525-180	1	Digital Multiplex/Demultiplex Circuit, M1-2
801-525-181	1	M13 Digital Multiplex Circuit
801-525-183	1	M34 Digital Multiplex
801-525-184	1	Digital Multiplex/Demultiplex Circuit, Type M1C
801-525-185	1	(J98734M) — MX3 Multiplex Assembly
801-525-186	1	(J98734L) — MX3 Lightwave Terminating Multiplex Assembly
801-525-187	2	FT3 Line Repeater Bay
801-525-189	1	Digital Multiplex/Demultiplex — Circuit Type MIC-A

801-6 Alarm, Announcement, Selective Signaling, Warning, Alerting, Air Ground Communication, Code Calling, Reporting, Signaling Systems and Signaling Equipment**Alarms****Specifications**

Addendum	1	
801-601-150	6	(J99202) — Central Office Fire Drill Equipment
801-601-151	6	(J99232) — Audible and Visual Alarm Equipment Units for Interconnection of No. 5 Crossbar With Other Systems (Dually Numbered With 819-752-150)
801-601-152	2	(J93009) — Central Office — Audible and Visual — Maintenance Alarm Equipment

Number	Issue	Subject
Addendum	2	
801-601-153	1	(NJ01046) — Central Office — Audible and Visual — Maintenance Alarm Equipment
801-601-154	7	(J98302) — Emergency Alarm System — Automatic Fire-Detection Feature
801-601-155	4	(J98303) — Emergency Alarm System Without Code Signaling
801-601-156	15	(J98304) — Alarm Transfer Equipment Units — No. 5 Crossbar and Common Systems (Also Numbered 819-751-150)
801-601-157	1	(NJ01078) — Central Office — Fuse Alarm — Maintenance Equipment
801-601-158	6	(J28350) — Emergency Alarm Systems With or Without Code Signaling Including Automatic Fire-Detection Feature
801-601-159	1	(NJ01207) — Unattended Office — Audible and Visual — Maintenance Alarm Equipment
801-601-181	1	(NJ01046) — Central Office Alarm System — Strapping and Interconnection Instructions

Announcement Systems**Specifications**

Addendum	1	
801-603-150	9	(J95403) — Announcement Supply Equipment
Addendum	1	
801-603-151	3	(J95410) — 2B — For Subscriber Operated Announcement Service
801-603-152	1	(J95418) — No. 2D
Addendum	1	
801-603-153	6	(J95411) — No. 3A — Equipment Design Requirements
801-603-154	4	(J95415) — Emergency
801-603-155	5	(J95416) — No. 4A
Addendum	1	
801-603-156	5	(J95417) — No. 6A — For Machine Intercept Service
Addendum	1	
801-603-157	3	(J95420) — 8A

Number	Issue	Subject
Addendum	1	
801-603-158	5	(J95419) — No. 9A
801-603-159	2	(J99276) — No. 11A
801-603-160	3	(NJ02506) — Apartment Door Answering Service
801-603-161	6	(NJ02500) — Automatic Number Announcer and Verification Units
801-603-162	1	(J1C012) — Recorded Announcement Frame — Variable Message Length, Modular Message, Phased Message Announcement Service and Message Synthesis Service
801-603-163	1	(J1C121) — 13A — For Recording and Reproducing Dial Facilities Management Announcements
801-603-165	1	(J1C194) — 14A Announcement System
801-603-170	1	No. 6A — Machine Intercept

Performance Requirements

801-603-180	1	Announcement Machine Intercept Circuits
801-603-181	2	No. 3A
801-603-182	3	124B Amplifier

Selective Signaling

801-605-150	7	(J99252) — SS1
801-605-151	1	(J98614) — Telephone Order Wire Equipment — Using SS1

Warning, Air-Ground Communication, Alerting

801-606-150	5	(J99237) — Civil Air Defense Warning System
801-606-153	2	(J99245) — Air-Ground Voice Communication System
Addendum	1	
801-606-155	7	(J95421) — Group Alerting System

Code Call

801-607-150	6	(J58822) — 3A Code Call Unit
801-607-180	1	3A Code Call Circuit

Number	Issue	Subject	Number	Issue	Subject
Reporting			801-621-151	3	(J99289) — Receiver — Type A3
Addendum	1		Addendum	1	
801-608-150	6	(J99244) — 520A Emergency Reporting System	801-621-152	3	(J99322) — Centralized Touch-Tone Calling Equipment for PBX Services — PBX and Common Systems (Dually Numbered With 809-140-153)
801-608-151	6	(J99246) — 520B Emergency Reporting System	801-621-154	1	(J99374) — Touch-Tone Calling Receiver
Addendum	1		801-621-155	2	(J99388) — Touch-Tone Signaling Receivers — Type H
801-608-154	4	(J99257) — 520D Emergency Reporting System	Metallic Terminal System		
Addendum	1		801-630-150	3	(J1C015) — Metallic Terminal System
801-608-155	3	(J99251) — 520E — Industrial Emergency Reporting System	Signaling Equipment		
801-609-152	3	(J92617) — E2 Status Reporting and Control System — Central and Remote Bays — Summarizing Specification — Operations Support System	CX, SX		
801-609-153	1	(J92618) — E2 Status Reporting and Control System — Equipment Units	801-640-150	7	(J98602) — Composite Signaling — Signaling, Signal Converting, Repeating Coil, Balancing Network, and Compromise Network Units
Signaling Systems			801-640-151	5	(J98603) — Simplex Signaling Equipment Units for D-C Supervisory and Dial Pulse Signaling
MF Pulsing			801-640-152	5	(J98604) — Combination Type "B" Composite Signaling, Repeating Coil, and CX Set Equipment Units for Transmitting and Receiving Supervisory and Dial Pulses
801-620-150	6	(J95102) — Receiving Equipment	801-640-153	10	(J98605) — Miscellaneous Trunk, Signal Converting, and Signal Repeating Equipment Units for Repeating Signals or Converting Type "B" Composite or Simplex Signals to Dial Pulses or Supervisory Signals
801-620-151	7	(J98609) — Multifrequency Current Supply for AC Keysets and Multifrequency Pulsing Senders	801-640-154	10	(J98606) — Type "B" CX Signaling — Signaling Equipment Units and Associated Network Equipment for Transmitting and Receiving Supervisory Signals and Dial Pulses
801-620-152	2	(J99337) — Receiver	FSP		
801-620-153	2	(J1C011) — Multifrequency Supply and Distribution Units	801-641-150	1	(J95113) — B1 Frequency Shift Pulsing — Transmitting Equipment
801-620-154	1	(J99353) — Multifrequency Receivers and Transmitters for Use in Electronic Central Offices			
801-620-155	1	(J99373) — Multifrequency Interface Units			
801-620-156	1	(J99385) — Dual Channel Receiver Unit			
801-620-157	1	(J99389) — Coin Tone Receiver			
801-620-170	2	The Multifrequency Pulsing System			
801-620-180	3	(J98609) — Performance Requirements — Multifrequency Pulsing Supply			
Touch-Tone Calling					
801-621-150	2	(J99266) — Receiver			

Number	Issue	Subject	Number	Issue	Subject
801-641-151	1	(J95114) — B1 Frequency Shift Pulsing — Receiving Equipment	Addendum	1	
E-Type			801-701-152	1	(J99341) — Wideband Remote Switch and Wideband Supplementary Remote Switch Frames
Addendum	1		801-702-001	1	(J90104) — Picturephone Meeting Service (PMS) — Room Controller — Equipment Design Requirements — Common Systems
801-642-150	15	(J98613) — E-Type — AC Trunk Signaling System	801-8 Electronic Switching Type Equipment		
801-642-170	2	2400- or 2600-Cycle Single-Frequency Signaling System	Miscellaneous		
801-642-180	3	Performance Requirements — 2400- or 2600-Cycle Supply Unit — (SD-98092-01) and Load Transfer Unit (SD-98091-01)	801-801-150	3	(J1A044) — Main, Intermediate, and Trunk Distributing Frames
801-642-181	3	Performance Requirements — 2000-Cycle Supply Unit J98613AJ and Load Transfer Unit J98613W	801-801-151	2	(J1C035) — Teletypewriter Equipment for Use With 1 ESS™ Switch in the Same or Distant Building
801-642-182	1	(J98613B) — 2600-Cycle Supply Unit (SD-98080-01) — Performance Requirements	801-801-152	2	(J1C037) — Station Identification Frame — PBX Automatic Identified Outward Dialing — Type A2
F-Type			Addendum	1	
801-643-150	9	(J99335) — AC Trunk Signaling System	801-801-153	3	(J1C000) — Station Identification Frame — PBX Automatic Identified Outward Dialing — Type A1
801-643-155	1	(J99349) — Customer Premises — Signaling and Transmission Equipment	801-801-154	3	(J1A050) — Protector Frame — 1 ESS Switching System
G-Type			801-801-155	2	(J1A054) — Lineup Cable Racks and Cross-Aisle Cable Troughs for 7-Foot Framework
801-644-150	2	(J99395) — SF Signaling System — Type G, Standalone Bay	801-801-158	3	(J99360) — CCIS Terminal Unit
Addendum	1		801-801-162	1	(J99399) — CCIS Data Set Frame
801-644-151	1	(J99396) — SF Signaling System — Type G, Consolidated Bay	801-801-180	1	PBX Automatic Identified Outward Dialing — Performance Requirements — No. 1 and No. 5 Crossbar LAMA and ANI Offices — Panel and Step-by-Step ANI Offices
Addendum	1		801-801-181	1	PBX Automatic Identified Outward Dialing — Type A2 — Performance Requirements — No. 1 and No. 5 Crossbar LAMA and ANI Offices — Panel and Step-by-Step ANI Offices
801-644-152	1	(J99397) — SF Signaling System — Unitized Terminal Equipment — G-Signaling/N4 Carrier With SMAS	801-801-182	2	Central Office Engineering — General Engineering Information — Cable Distribution Systems and Systems Assembly in Electronic Offices Using 7-Foot Frameworks
ANI-B Identifier Units					
801-650-150	1	(J1C081) — For Use With No. 1 or 1A Automatic Message Accounting Recording Center			
801-7 Picturephone Equipment					
801-701-150	1	(J1C150) — Video Loop Equipment			

Number	Issue	Subject
■ 801-802-110	3.2	AT&T Integrated Services — Digital Network (ISDN) — Primary Rate — Interface Specification

Stored Program Control No. 1A

801-820-150	3	(J1C020) — Processor Frame
801-820-151	7	(J1C021) — Control and Display Program Tape and Teletypewriter Frame
801-820-152	5	(J1C022) — Master Scanner Frame
801-820-153	5	(J1C023) — Signal Distribution Frame
801-820-154	3	(J1C024) — Central Pulse Distributor Frame
801-820-156	5	(J1C026) — Store Frame
801-820-157	3	(J1C027) — General
801-820-158	1	(J1C028) — Limiting Conductor Conditions
801-820-159	3	(J1C029) — Test and Maintenance Sets
801-820-160	3	(J1C083) — Common ESS Switch — IGFET Store Frame and SSAS Announcement Store
Addendum	1	
801-820-161	2	(J1C030) — Peripheral System Interface Frame — Stored Program Control No. 1B

3A Central Control

801-822-150	1	(J1C050) — Equipment Design Requirements
801-822-152	2	(J1C052) — Main Store
801-822-153	1	(J1C053) — Tape Data Controller — Electronic Switching Systems
801-822-154	1	(J1C054) — Teletypewriter Controller Unit — 2B and 3 ESS Switches
801-822-155	1	(J1C055) — System Status Panel Controller
801-822-156	1	(J1C056) — System Status Panel Relay Unit
801-822-157	2	(J1C057) — Processor Frame Power Unit
801-822-158	1	(J1C058) — Processor Frame
801-822-160	1	(J1C060) — Maintenance Frame — Common ESS

Number	Issue	Subject
801-822-161	1	(J1C061) — Maintenance Frame Power Unit
801-822-164	1	(J1C064) — Power Unit — Supplementary Main Store Frame
801-822-165	1	(J1C065) — Supplementary Main Store Frame

Auxiliary Data Processors

801-823-150	2	Programmable Controller
801-823-151	1	(J1C122) — Writable Program/Data Store

801-9 Miscellaneous

801-900-150	2	Firmware Coding and Documentation — General Descriptive Information
■ 801-900-160	2	AT&T Network Equipment Development Standards (NEDS) Generic Requirements (1-95)
■ 801-900-165	1	AT&T Database Network Equipment Development Standards (DNEDS) Generic Requirements (12-94)

Division 802**Equipment Design and General Requirements and Engineering Information — Power Systems****802-0 Indexes, General Information, and Miscellaneous Equipments****802-1 Regulators, Battery and Charging Equipments, Control and Fuse Boards, and Power Distributing Equipment****802-2 Inverter and Converter Equipments****802-3 Power Supplies****802-4 Rectifiers (See also Power Supplies)****802-5 Submarine Cable Systems****802-6 Power Plants — Miscellaneous and 100-Type****802-7 Power Plants — 200-, 300-, and 400-Types****802-8 Power Plants — 500-, 600-, and 700-Types****802-9 Power Plants — 800- and 900-Types**

Number	Issue	Subject
802-0 Indexes, General Information, and Miscellaneous Equipments		
Indexes		
802-000-000	80	Numerical Index — Division 802 — Equipment Design and General Equipment Requirements and Engineering Information — Power Systems (5-95)
General		
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802-003-151	7	(J86720) - Modification of Power Plants — For Automatic Control and Regulation of Motor-Generator Sets and Regulated Rectifiers	802-015-151	5	(J85506) - Bus Duct — KS-20085 Trolley Type
802-003-152	3	(J86741) - Modification of Power Plants and Rectifiers Using KS-20522 Controller for Ammeter Type Relays	802-015-152	3	(J85507) - Frame and Aisle Lighting Equipment — KS-15673 Fluorescent Type Track Integrated Fixture
802-004-151	2	(J86735) - Power Service Equipment and Calculations	802-015-153	2	(J85508) - Power and Engine Room Lighting Equipment — Fluorescent Type
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802-005-150	2	(J86432) - Bus Bar and Cabling Arrangements — 111A, 302A, 303A, 702C, and 708A Power Plants	802-015-157	8	(J95501) - Frame and Aisle Lighting — Incandescent Type — Appliance Outlets and Miscellaneous Conduits
802-005-180	13	Assembly and Installation of Power Plant Bus Bar and Wiring	802-015-158	5	(J95502) - Emergency Lighting Equipment — Battery Type for Central Offices (1938)
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802-006-150	1	(J86836) - Exhaust Line Size Requirements — For 20- to 500-KW — Stationary Diesel Engine-Alternator Plants	Addendum	1	
802-006-180	6	Installation of Internal Combustion Engines and Associated Piping	802-025-150	2	(J87299) - Control Equipment — Printed Wiring Board Assemblies
802-007-150	5	(J86413) - Mounting and Spacing Information — Miscellaneous Power Plant Equipment	802-025-151	1	(J87390) - Regulation and Control Units for Thyristor DC-to-DC Converters
802-007-180	7	Painting of Battery Rooms and Equipment	Addendum	1	
Miscellaneous Equipments			802-026-150	2	(J86482) - AC Service Equipment — For TH Radio System — 120/208 and 230 Volts
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802-010-150	3	(J86728) - Ventilating Equipment — For Rooms Having Engine-Driven Generators	802-028-150	3	(J86845) - Signaling Circuit — Busy Tone Supply — J86845A — 4-Wire Voice/Record Network — J86845B — Basic 911 Emergency Service
802-011-150	1	(J85512) - Modular Cooling System Planning and Engineering Guidelines	802-028-151	1	(J87353) - Precise Busy Tone Supply for Small Step-by-Step Offices
			802-028-152	1	(J87395) - Interrupter Unit — 30, 60, and 120 IPM
			802-029-150	12	(J86212) - Small Ringing and Signaling Equipments

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		802-035-150	1	(J87339) - Rectifier Sequence Control Unit — For 100, 300, 400, and 700 Type Power Plants
802-029-151	5	(J86726) - Small Signaling Equipments	802-035-151	1	DC-to-DC Converter Plant — Control Panel — Equipment Design Requirements — Power Systems
802-029-152	10	(J86727) - Small Ringing Equipment	802-036-150	1	(J85517) - Triport — 208 VAC/48 VDC Input — 208 VAC 5.6 KVA 60 Hz Single Phase Output
Addendum	2		802-036-151	2	(J85518) - Triport Power Supply — 208- VAC/48-VDC Inputs — 208V and 120V Single-Phase 60-Hz 11.2- or 5.6-KVA Output
802-029-153	1	(J86643) - Ringing Equipment — HV Ringing & -72V Distribution for No. 5 Crossbar Long Loop Range Extenders	802-036-155	1	(J85526) — AC Triport II UPS — 208- VAC/48-VDC Input — 208- VAC 5.6- KVA 60-Hz Single-Phase Output
802-029-154	1	(J86889) - Ringing and Tone Supply — Battery and Battery-less Operation — For 810A PBX	802-036-156	1	(J85527) — Triport II UPS — 208-VAC/48- VDC Input — 120- VAC 5.6-KVA 60-Hz Single-Phase Output
Addendum	1		802-036-157	1	(J87462) — Reserve Energy System
802-029-155	1	(J85528) - 891A 0.5 Ampere — Auxiliary Ringing, Tone and Cadence System for Central Office — Nonswitched Load Applications	802-1 Regulators, Battery and Charging Equipments, Control and Fuse Boards, and Power Distributing Equipment		
802-029-160	2	(J86294) - Ringing Demand Meter Equipment — For Use on 1/4-, 1/2-, 1-, 2-, 4-, and 6-Ampere 20-Hz Ringing Plants	Regulators		
802-030-150	1	(J86733) - Filter Units — VHF Interference Suppression	802-101-156	1	(J86246) - Voltage Regulator — Electronic Type — For 20-Cycle Motor Generator Sets
802-032-150	2	(J86276) - Cable Current Meter — Calibrating Unit	802-102-150	2	(J86253) - Regulator — Electronic Speed and Contact Type Voltage
802-033-150	12	(J86725) - AC Low-Voltage and Automatic Engine Alarm Equipments	802-102-156	3	(J86268) - Voltage Regulator — Magnetic Type — 115/230-Volt AC Line Regulation
802-033-151	4	(J87253) - Power Supply Transfer and Alarm Unit — Semiconductor Type — -24 Volt Input	Addendum	1	
Addendum	1		802-103-150	7	(J87214) - Voltage and Current Regulator — Semiconductor Type — For Single and 3-Phase PNP Rectifiers
802-034-150	3	(J86634) - Automatic Solid State Control Unit For Reserve Diesel-Engine Alternator Plants	802-103-151	2	(J87277) - Voltage and Current Regulator — Semiconductor Type — For 3-Phase PNP Rectifiers
802-034-151	3	(J86742) - AC Reserve Energy System — Controller for Automatic Paralleling and Load Management	802-104-150	3	(J86459) - Voltage Regulator and Alarm Equipment — For A2A and A2B Video Systems — 115 Volts, 480 Volt Amperes
802-034-152	3	(J86743) - AC Reserve Energy System — Universal Engine Control			
802-034-154	4	(J85520) - Microcomputer Controller for Standby Engine-Alternator Sets			
802-034-155	2	(J85529) - Microcomputer Controller for Analog Circuit Processing			

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		802-127-153	1	(J87126) — Battery Stand Equipment for 130-Volt Power Plants Using KS-20472 Batteries and KS-20760 Battery Stand Parts
802-105-150	1	(J87279) - Regulator — Semiconductor Type — -19 Volts, 4.0 Amperes	802-127-154	1	(J87127) — Battery Stand Equipment for 24-Volt Power Plants in Hardened 2 and 10 PSI and Earthquake Areas — 2-Tier 2-Row Battery Stand Using KS-20472 Batteries and KS-20760 Battery Stand Parts
802-106-150	3	(J87324) - Voltage Regulator — Semiconductor Type — +18 Volts 1.2 Amperes and -18 Volts 1.2 Amperes Output +24 Volts and -24 Volts Input	802-127-155	1	(J87128) — Battery Stand Equipment for -48 Volt Power Plants in Hardened 2 and 10 PSI and Earthquake Areas Using KS-20472 Batteries and KS-20760 Battery Stand Parts
Battery Equipments			802-127-157	1	(J87130) - For 140-Volt Power Plants — Located in Earthquake and 10 PSI Environments — Using KS-20472 Cells and KS-20760 Stand Parts
Addendum	2		802-127-158	1	(J87131) - Battery Stand Equipment for KS-20472 Batteries and KS-20760 Stand Parts in a 50 PSI Nuclear Blast Environment
802-125-150	4	(J87120) - For 702C and 708A Power Plants	Charging Equipments		
Addendum	1		802-151-156	9	(J87260) - For 111A, 303A, 326A, and 326B Power Plants — 24 Volts, 100 to 800 Amperes
802-125-151	6	(J87122) - Battery Stand Equipments — For 24- and 48-Volt Power Plants	Addendum	1	
802-125-152	10	(J87109) - Battery Framework and Stand Equipments for Small Power Plants — 24 and 48 Volts, 10 to 120 Amperes	802-151-160	5	(J87249) - Regulated — 24 to 30 Volts, 4 Amperes DC
Addendum	1		802-152-151	10	(J87246) - Charging Equipment for 301C, 302A, and 302B Power Plants — Negative 24 and 48 Volts, 100 to 1600 Amperes
802-126-150	4	(J87110) - Battery Stand Equipments for 301C Power Plants — 24 and 48 Volts, 4000 Amperes	802-153-150	9	(J87261) - For 111A, 303A, 326A, and 326B Power Plants — 48 Volts, 100 to 800 Amperes
Addendum	2		802-156-150	7	(J86284) - For 702C Power Plants — 130 Volts, 100 to 200 Amperes
802-126-151	4	(J87115) - Battery Stand Equipments for 302A and 302B Power Plant	Control and Fuse Boards and Power Distributing Equipment		
Addendum	2		Addendum	1	
802-126-152	3	(J87121) - Battery Stand Equipments for 48-Volt 303A Power Plants	802-175-150	10	(J86323) - Main Control Board — For 302A and 302B Power Plants — 24 and 48 Volts, 100 to 10,000 Amperes
Addendum	2				
802-126-153	5	(J87117) - Battery Stand Equipments — For 410-, 411-, 412-, 413-, and 414-Type Power Plants — 1 to 120 Amperes			
802-127-001	1	(J85504) - For 24- or 48-Volt Power Plants			
802-127-150	2	(J87123) - For 24-Volt Power Plants — Using KS-20472 Cells and KS-20760 Stand Parts			
802-127-151	1	(J87124) - For 48-Volt Power Plants — Using KS-20472 Cells and KS-20760 Stand Parts			
802-127-152	1	(J87125) - Battery Stand Equipment for 140-Volt Power Plants Using KS-20472 Cells and KS-20760 Stand Parts			

Number	Issue	Subject	Number	Issue	Subject
802-175-154	2	(J85516) - Control Unit for Charge- Discharge Circuits — 24 Volt or 48 Volt Power Plants	802-202-151	2	(J87295) - Inverter — 20 Hz DC-AC — 86 Volts, 0.25 Ampere
802-175-156	1	(J85540) - Control and Distribution Unit for the 130 and 131 Type — Power Plants	802-204-150	2	(J87274) - Inverter — Semiconductor Type — Regulated — 1300 VA, 60 Hertz — 230 Volts, 5.65 Amperes AC
802-175-157	1	(J85501) - For 24- or 48-Volt Power Plants	802-204-151	1	(J85539) - 48-Volt DC Input — 120 Volt, 60 Hz, 300 to 1500 VA Output
Addendum	1		802-205-150	1	(J87322) - Inverter — 20 Hz DC-AC — 86 Volts, 1.5 Amperes
802-185-150	8	(J86322) - Battery Control Boards — For 302A and 302B Power Plants — 24 and 48 Volts, 2000 to 10,000 Amperes	802-205-151	1	(J87326) - Inverter — 20 Hz DC-AC — 86 Volts, 0.5 Ampere
Addendum	3		802-205-152	1	(J87337) - Inverter — 20 Hz, 86 Volts -0.25 Ampere Output — -48 Volts DC Input — For 810A PBX
802-185-151	3	(J86325) - Battery Control Boards — For 702C Power Plants — ± 125 to ± 135 Volts, 50 to 1000 Amperes	802-205-155	1	(J87415) — Inverter — 20 Hz DC-AC — 86 Volts, 0.5 Amperes
802-185-153	6	(J86327) - Battery Control and Discharge Fuse Bays — for 303A Power Plant — 24 and 48 Volts, 0 to 2000 Amperes	Addendum	2	
802-185-185	1	Performance Requirements — For J86327 (303A) Power Plant Equipment	802-206-150	4	(J87428) - 59.5 Hz, 1.5 kW, 120 Volts — Single Phase
802-195-150	4	(J86324) - Battery Distributing Fuse Boards	Addendum	2	
802-195-151	2	(J86328) - Battery Distributing Boards	802-206-151	2	(J87429) — 59.5 Hz, 5 kW, 120 Volts — Single Phase
802-195-152	5	(J86329) - Battery-Distributing Circuit Breaker Board	Converter Equipment (See also Power Supplies)		
802-195-153	2	(J86330) - Battery-Distributing — Fuse Board	802-213-150	2	(J87407) - DC-to-DC Converter — Semiconductor Type— Regulated +3 Volt or -3 Volt and 4 Ampere Output — +140 and Two +24 Volt Inputs — No. 4 Toll Electronic Switching System
802-195-154	2	(J86331) - Battery or Power Distributing Fuse Boards	802-213-151	2	(J87399) - DC-to-DC Converter — Semiconductor Type — Regulated +3 Volt or -3 Volt and 8 Ampere Output — +140 and +24 Volt Inputs — No. 4 Toll Electronic Switching System
Addendum	1		802-213-152	2	(J87409) - DC-to-DC Converter — Semiconductor Type — Regulated +3 Volt and 8 Ampere Output — -48 and Two +24 Volt Inputs — Common Channel Interoffice Signaling for No. 4A Toll Crossbar System
802-195-155	3	(J86334) - DC Power Distributing Frame			
802-195-156	1	(J85521) - Power Distributing Frame — No. 1, 1A, 2, 2B ESS™, AIC No. 1A IN AIS, No. 4A CCIS/STP and TSPS No. 1			

802-2 Inverter and Converter Equipments**Inverter Equipment**

802-202-150	5	(J87266) - Inverter — 20 Hz DC-AC — 86 Volts, 6 Amperes
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Number	Issue	Subject	Number	Issue	Subject
802-213-153	3	(J87389) - DC-to-DC Converters — Semiconductor Type-Regulated — Numbers 1A, 2B, 3, 4ESS™, TSPS and No. 5 ETS — -48 Volt and +24 Volt Inputs — +3V or -3V, 4A DC Output; +3.030V, 5A DC Output; +6V, 3A DC Output; +5V, 4A DC Output; +8.35V or -8.35V, 1.5A DC Output; +3.030V, 8A DC Output, -1V to -13V, 2A DC Output — +24 Volt Input — +3V or -3V, 2A DC Output; +5V, 2.5A DC Output	802-215-157	1	(J87372) - DC-to-DC, Semiconductor Type, Regulated — +6 Volt, 5-Ampere DC Output — +12 Volt, 0.75-Ampere DC Output — -24 Volt DC Input
802-214-150	4	(J87380) - DC-to-DC Converter — Multiple Outputs — -48 Volt Input	802-215-158	2	(J87379) - DC to DC — Semiconductor Type — Regulated — -6.2 Volt 8- Ampere DC Output — +5.2 Volt 1.2- Ampere DC Output — -24 Volt DC Input
802-214-157	3	(J87421) - DC-to-DC Converter — -48 Volt and Two +24 Volt Inputs — +5.000 Volt, 6 Ampere Output or +5.000 Volt, 7 Ampere Output — TSPS, No. 2B ESS, No. 3 ESS, and No. 5 ETS	802-216-160	2	(J87368) - DC-to-DC Regulated — +9.25- Volt, 10-Ampere Output — 140-Volt Input
802-215-150	1	(J87285) - DC to DC — 6 Volt, 11 Ampere DC Output — -48 Volt DC Input	802-217-154	1	(J87344) - DC to DC — +6.6 Volts, 60 Amperes Output — -48 Volts, 10.5 Amperes Input — For 810A PBX Battery Reserve Power Plant
Addendum	1		802-217-155	1	(J87345) - DC to DC — +11 Volts, 4 to 16 Amperes Output — +24 Volts, 2.4 Amperes Input — For 810A PBX — Battery Reserve Power Plant
802-215-151	3	(J87248) - For 101-Type ESS Control Unit — DC to DC — Regulated — 6 Volts 20 Amperes DC Output — 12 Volts 40 Amperes DC Output — 24 Volts 25 Amperes DC Output — -48 Volt DC Input	802-218-150	3	(J87204) - DC to DC — Regulated — +12 Volt, 1.5 and 2.0 Ampere DC Output — -48 Volt DC Input
Addendum	2		802-218-151	1	(J87268) - DC to DC — Regulated — +12 Volt, 0.75 Ampere DC Output — -24 Volt or -48 Volt DC Input
802-215-152	2	(J87293) - DC-to-DC Semiconductor Type — Regulated — 6.6 Volt, 84 or 126 Ampere DC Output — 24 Volt DC Input	Addendum	1	
Addendum	1		802-218-152	1	(J87263) - DC-to-DC Semiconductor Type — Regulated — +12 Volt, 0.7 Ampere Output — -48 Volt Input
802-215-153	1	(J87298) - For Use in No. 2 ESS Power Plant — DC to DC — Regulated — 6.7 Volt, 200 Ampere DC Output — 48 Volt DC Input	802-218-153	1	(J87284) - DC to DC — 12 Volt, 11 Ampere DC Output — -48 Volt DC Input
802-215-154	1	(J87340) - DC-DC — Semiconductor Type — Regulated — +6.6 Volt, 30 Ampere DC Output — +24 Volt, DC Input	802-218-154	2	(J87308) - DC to DC — Regulated — ±24 Volt, 3 Ampere DC Output — -48 Volt DC Input
Addendum	1		802-218-155	1	(J87388) DC to DC — Semiconductor Type — Regulated — +12 Volt 0.7-Ampere Output -24 Volt DC Input
802-215-155	1	(J87311) - Regulated — +6.2 Volt, 50 Ampere Output — +24 Volt Input	802-218-156	1	(J87377) - DC-to-DC, Regulated — +12.1 Volt, 2-Ampere DC Output — -12.1 Volt, 2-Ampere DC Output — -5.5 Volt, 9-Ampere DC Output — -48 Volt DC Input

Number	Issue	Subject	Number	Issue	Subject
Addendum	2		802-223-159	1	(J87456) - Converter DC-to-DC Regulated — ± 24 Volt 50-Ampere Output — +140 Volt Input
802-218-158	1	(J87378) - DC-to-DC — Regulated — -24 Volt Input — +12.1 Volt, -12.1 Volt, and -5.5 Volt Output	802-223-160	1	(J87461) - DC-to-DC Regulated Converter — +24 Volt 30 Ampere Output — -48 Volt Input — Equipment Design Requirements — Power Systems
Addendum	1		802-224-160	2	(J87288) - DC to DC — Regulated — -25 Volt, 2.5 Ampere DC Output — -20 to -26 Volt DC Input
802-218-159	1	(J87411) - Power Supply Circuit — Semiconductor Type — Regulated — Numbers 1A and 4ESS — -48 Volt and +24 Volt Inputs — +12V, 10.5A Output; +6V, 9.3A Output, +3.06V, 17A Output — -3V, 12A Output; -12V, 10.5A Output	802-224-161	2	(J87297) - DC to DC — Regulated — 25 Volt, 10 Ampere DC Output
802-219-160	2	(J87422) - DC-to-DC Converters — Semiconductor Type — Regulated — No. 2B and No. 3 ESS, TSPS, and No. 5 ETS — -48 Volt, Two +24 Volt, and +5 Volt Inputs — +12V 2.0A and — 5V 0.05A Outputs	802-226-151	1	(J87391) - DC to DC — Semiconductor Type — Regulated — +48 Volts 2 Ampere Output — -48 Volts Input
802-220-150	1	(J87287) - DC-to-DC Semiconductor Type — Regulated — ± 18 Volt, 1.4 and 0.25 Ampere DC Output — +24 and -48 Volt DC Input	802-226-152	1	(J87306) - DC to DC — Converter — +48 Volt 48 V DC, 4.0 Ampere Output — 24V DC Input
802-223-150	3	(J87304) - For Voice Frequency Transmission Systems — DC-to-DC Semiconductor Type — Regulated — 24-Volt, 5-Ampere DC Output — 48-Volt DC Input	802-226-153	2	(J87400) - DC to DC Regulated — 48-Volt, 50-Ampere Output — 140-Volt Input
Addendum	2		Addendum	1	
802-223-151	2	(J87294) - DC-to-DC Semiconductor Type- Regulated — -24 Volt, 13 Ampere DC Output — +24 Volt DC Input	802-226-155	1	(J87408) Converter DC-to-DC Regulated ± 48 Volt 100-Ampere Output — ± 140 Volt Input
802-223-152	1	(J87283) - DC to DC — 24 Volt, 9 Ampere DC Output — -48 Volt DC Input	802-226-156	1	(J87457) Converter DC-to-DC Regulated ± 48 Volt 50-Ampere Output — +140- Volt Input
802-223-153	3	(J87338) - +24V DC, 16.0 Amperes Output — 24 Volts DC Input	Addendum	1	
Addendum	1		802-227-150	1	(J87307) - DC-to-DC Semiconductor Type — Regulated — -72 Volt, 9 Ampere Output, -48 Volt DC Input
802-223-154	2	(J87310) - Converter — Regulated — (+ or -) 18 or 24 Volt, 16 Ampere Output — +24 Volt Input	802-230-152	1	(J87305) - DC to DC Converter — ± 130 V DC, 3.33 Amperes Output — 24 Volts DC Input
Addendum	1		802-230-154	1	(J86879) - 670A Converter Power Plant — +130V or -130 V DC, 10.0 Amperes Output — -24V DC Input
802-223-156	1	(J87371) - DC-to-DC Regulated — 24-Volt, 100 Ampere Output — 140-Volt Input	802-234-150	3	(J87271) - DC-to-DC Semiconductor Type — 250 Volt, 5 Ampere DC Output — 130 Volt DC Input
802-223-157	2	(J87361) - DC-to-DC Regulated + or -24 Volt, 40-Ampere DC Output — + or -48 Volt DC Input	802-234-151	1	(J87290) - DC-to-DC Semiconductor Type — 250 Volt, 0.015 Ampere DC Output — 3 to 10.5 Volt DC Input

Number	Issue	Subject
802-240-150	6	(J87303) - 0- to 1800-Volt, 520-Milliamperes DC Output — 24-Volt DC Input
802-242-150	1	(J87331) - DC-to-DC Converter — -48 Volt Input — +48, -42, +24, -48 Volt Outputs
Addendum	1	
802-243-150	1	(J87332) - For PBX-AIOD-A2 — 6 Volts, 10 Amperes DC — 12 Volts, 6 Amperes DC — 24 Volts, 0.5 Ampere DC
802-244-150	4	(J87334) - DC-to-DC — 25-Volt, 3.5 Ampere DC Output — 20-26 Volt DC Input
Addendum	1	
802-290-150	1	(J87356) - Converter, DC-DC — Semiconductor Type, Regulated for TH3 Radio Systems

802-3 Power Supplies

General

802-300-151	4	(J86858) - For L4 and L4S Coaxial System
802-300-152	2	(J87321) - 1 and 10 Milliamperes — Constant Current — 117 Volts AC Input for L4 Coaxial System
Addendum	1	
802-300-154	1	(J87397) - Remote Repeater Power Feed Terminal for Subscriber Loop Multiplexer System
802-301-150	1	(J86847) - Precise Tone, Interrupter, Transfer, and Alarm for Use With 4 Wire No. 5 Crossbar AUTOVON — 0.18 to 1.47 Volts, 1 Volt-Ampere, 350, 440, 480, and 620 Hz Tones
802-301-155	1	(J86223) - Filament Supply — Regulated — 6.3 Volts, 0.6 and 1 Ampere DC — 6.3 Volts, 1.5 Amperes AC
802-301-156	4	(J86857) - Nonreserve or Reserve Plants — +6.6, ±24, -48, and ±86 Volts, 0 to 120 Amperes
Addendum	1	
802-301-160	2	(J87296) - Semiconductor Type — Ferroresonant Regulation — +300 Volts, 0.13 Ampere DC — -150 Volts, 0.01 Ampere DC — -40 Volts, 0.01 Ampere DC — -24 Volts, 0.95 Ampere DC — ±6.4 Volts, 3.9 Amperes AC

Number	Issue	Subject
Addendum	1	
802-301-165	3	(J87276) - Rectifier — Semiconductor Type — Ferroresonant Regulation — +24 Volts, 6 and 12 Amperes DC — +6.6 Volts, 38 Amperes DC — -24 Volts, 2 Amperes DC
802-301-166	2	(J87292) - Semiconductor Type — Ferroresonant Regulation — +24 Volts, 20 and 24 Amperes DC — +6.6 Volts, 84 Amperes DC — -24 Volts, 11 Amperes DC
Addendum	1	
802-302-150	1	(J87213) - Semiconductor Type — Manual Regulation — 11 Volts, 6 Amperes DC — 135 Volts, 0.375 Ampere DC
Addendum	1	
802-302-156	1	(J87203) - Semiconductor Type — Manual Regulation — -11 Volts, 2 Amperes DC — 135 Volts, 0.125 Ampere DC
Addendum	1	
802-302-160	2	(J87220) - Power Supply — Semiconductor Type — Ferroresonant Regulation — 16.8 Volts 75 Amperes DC
802-304-151	3	(J87252) - Semiconductor Type — Regulated — -20 Volts, 2.5 Amperes
Addendum	1	
802-304-152	1	(J87300) - Remote Test Voltage Supply Unit — +20 to +200 Volts, 0.001 to 0.07 Ampere — -116 Volts, 0.015 Ampere
802-304-153	9	(J86498) - For T-1 Carrier and No. 1 Traffic Service Position Systems — ±24, -48, +48 Volts DC
802-304-155	1	(J86489) - Semiconductor Type — Unregulated — ±15 Volts, 0.5 Ampere DC — 20 and 48 Volts, 1 and 0.2 Ampere AC
802-304-156	3	(J87412) - For T4M Digital Line — 0 to + and -960 Volt, 835 Milliamperes DC Output — +140 Volt DC Input
802-305-150	4	(J87216) - Semiconductor Type — Automatic Regulation — -21 Volts, 2.0 Amperes

Number	Issue	Subject	Number	Issue	Subject
802-305-151	5	(J87245) - DC-to-DC Semiconductor Type — Automatic Regulation — -21 Volts, 4 Amperes DC — -24 Volts, 3.5 Amperes DC	Radio Systems		
Addendum	1		Addendum	2	
802-305-152	1	(J87320) - Semiconductor Type — Regulated Rectifier — +24 Volts, 0.75 Amperes — -24 Volts, 1.25 Amperes	802-340-150	2	(J86835) - For TD3 Radio System Traveling Wave Tube — -7.5 Volts, 0.95 Ampere DC — 60 to 500 Volts, 0.001 Ampere DC — 1420 Volts, 0.04 Ampere DC — 2500 to 2900 Volts, 0.01 Ampere DC
Addendum	2		802-340-151	1	(J86890) - Converter — For TD3 Radio System Traveling Wave Tube — -7.5 Volts, 0.95 Ampere DC — 60 to 500 Volts, 0.001 Ampere DC — 1420 Volts, 0.04 Ampere DC — 2500 to 2900 Volts, 0.01 Ampere DC
802-309-150	3	(J86496) - ±24 Volts, 0 to 30 Amperes DC	802-340-152	1	(J87325) - Converter Regulator — +130V Input, +475V, 100 mA Output — TD2 Radio
802-309-152	1	Performance Requirements — For J86496 Power Supply — ±24 Volts, 0 to 30 Amperes	Addendum	2	
802-309-153	3	(J87255) - Semiconductor Type — Ferroresonant Regulation — -24 Volts, 16 Amperes DC	802-341-154	2	(J86853) - DC Power Supply — For TM Radio Traveling Wave Tubes
802-309-154	4	(J87254) - Semiconductor Type — Ferroresonant Regulation — -24 Volts, 48 Amperes DC	Addendum	1	
802-309-156	1	(J87281) - Semiconductor Type — Ferroresonant Regulation — -40.5 Volts 50 Milliampere DC Output	802-341-155	2	(J86886) - For 464A Traveling Wave Tubes — TH3 Radio Systems
Addendum	1		802-341-160	1	(J87259) - For TJ Microwave System — AC Power Equipment
802-315-150	2	(J86878) - For 761B PBX System — Ringing, Tones, and Interruptions — ±48 Volts, 0.3 and 4.4 Amperes DC — 10 Volts, 1.3 Amperes AC — -130 Volts, 0.05 Ampere DC	802-341-161	6	(J86473) - For TJ Radio Systems — 6.5 to 650 Volts, 0.005 to 2.0 Amperes DC — 5.3 to 117 Volts, 0.25 to 8.2 Amperes AC
802-315-152	1	(J87358) - Semiconductor Type — Ferroresonant Regulation -24 Volts 0.6 Amp DC Talk, -24 Volts 10 Amp DC Signal, ±10 Volts 0.3 Amp AC for 805A PBXs	802-343-150	2	(J86499) - For TL Radio System — -20 to -600 Volts, 0.01 to 1.88 Amperes DC — 43 Volts, 0.01 Ampere AC
802-315-153	1	(J87416) - Converter for PBX-A10D-A2 -48 VDC Input — 6 VDC 10A, 12 VDC 6A, 24 VDC 1A Outputs	802-343-151	4	(J87256) - For TL-2 and TM-1 Radio Systems — Semiconductor Type — Regulated — +6.4 Volts, 0.8 Ampere DC — -20 to -600 Volts, 0.01 to 1.1 Ampere DC — 43 Volts, 0.01 Ampere AC
802-321-150	2	(J87327) - For D2 Channel Bank — +5V — 12.2 Amp — -5V — 3.2 Amp — -12V — 3.3 Amp — +24V — 4.4 Amp — -24V — 2.0 Amp — +32V — 0.11 Amp — -32V — 0.07 Amp	Addendum	1	
			802-343-160	1	(J86843) - For TM Radio System Traveling Wave Tube — 6.5 Volts, 0.95 Ampere DC 700 Volts, 0.001 Ampere DC — 1200 Volts, 0.035 Ampere DC — 2300 Volts, 0.01 Ampere DC
			802-350-150	1	(J87431) - Power Supply for Traveling Wave Tubes — AR6A Radio System

Number	Issue	Subject
802-350-151	1	(J87449) - Regulator and Converter — Multiple Outputs — -24 Volt Input

802-4 Rectifiers (See also Power Supplies)**Tube Type**

Addendum	1	
802-404-151	9	(J86227) - Regulated — 300 Volts, 0.22 Ampere DC

Tube and Semiconductor Type

Addendum	1	
802-408-150	6	(J86240) - Automatic Regulation — 130 Volts, 8 and 9 Amperes DC
Addendum	1	
802-409-150	15	(J86207) - Tube and Semiconductor Types — Regulated — 17 to 18 Volts, 0.1 to 30 Amperes DC

Semiconductor Type — Unregulated

802-411-150	3	(J87201) - 2.5 Volts, 200 Amperes DC — 5 Volts, 200 Amperes DC
Addendum	1	
802-411-160	8	(J86248) - For Key Telephone Systems — 20 Volts DC and 10 Volts and 18 Volts AC
802-414-150	12	(J86205) - Unregulated and Manually Regulated — 3.5 to 24 Volts, 0.1 to 6 Amperes
802-414-151	2	(J87323) - +24 Volt 1.3 Ampere, -24 Volt 1.3 Ampere Output — 117 Volts AC, 60 Hz Input
802-414-152	2	(J87341) - +24 Volt 1.2 Ampere, -24 Volt 1.2 Ampere Output — 117 Volts AC, 60 Hz Input

Semiconductor Type — Manual Regulation

802-419-150	3	(J86257) - 12 Volts, 22 Amperes
802-420-150	5	(J86256) - 120 and 130 Volts, 0.45 and 0.8 Ampere
Addendum	1	
802-421-150	2	(J86278) - 135 Volts, 0.125 and 0.375 Ampere

Number	Issue	Subject
Addendum	1	
802-421-156	7	(J86254) - 190 and 200 Volts, 0.7 Ampere
Addendum	1	
802-422-150	5	(J86255) - 315 Volts, 0.4 Ampere

Semiconductor Type — Automatic Regulation

802-425-150	1	(J86298) - 4 Volts, 3 Amperes
802-425-156	2	(J87275) - 9 Volts, 100 Amperes
Addendum	3	
802-425-161	5	(J86244) - 12 Volts, 200 Amperes
802-425-162	1	(J87357) - Rectifier — Input: 117 Volts RMS, 60 Hertz — Outputs: Regulated +33 Milliampere — Regulated +30, +45, +60, +75 or +105 Volts — Regulated -14 Volts
802-425-166	2	(J87247) - 17 to 26 Volts, 1.5 to 2.0 Amperes
802-426-150	2	(J87207) - 24 Volts, 1.5 Amperes
Addendum	1	
802-426-151	3	(J87232) - 24 Volts, 30 Amperes
Addendum	1	
802-426-152	8	(J87222) - 24 Volts, 100 Amperes
Addendum	3	
802-426-153	4	(J87211) - 24 and 48 Volts, 11 Amperes
Addendum	1	
802-426-156	1	(J87328) - Automatic Ferroresonant Regulation — 24 Volts, 15 Amperes
Addendum	1	
802-426-157	1	(J87329) - Automatic Ferroresonant Regulation — 48 Volts, 15 Amperes
Addendum	1	
802-426-160	1	(J87417) - ± 24 Volts DC, 100 Amperes — Automatic Regulation — KS-20491
Addendum	3	
802-428-150	2	(J87233) - 48 Volts, 30 Amperes
Addendum	1	
802-428-151	9	(J87223) - 48 Volts, 100 Amperes
Addendum	1	
802-428-156	1	(J87418) - -48 Volts DC, 100 Amperes — Automatic Regulation — KS-20493

Number	Issue	Subject	Number	Issue	Subject
802-432-150	7	(J87228) - 130 Volts, 10 Amperes	802-443-153	1	(J87258) - ± 18 Volts, 0.65 Ampere DC
802-432-151	7	(J87229) - 130 Volts, 30 Amperes	Addendum	1	
Addendum	1		802-443-160	3	(J87239) - ± 20 Volts, 0.25 Ampere DC
802-432-152	8	(J87224) - 130 Volts, 100 Amperes	Addendum	2	
802-433-150	1	(J87346) - 230 Volts — 60 Hz Input — -19 Volts — .175 Ampere Output TH-1 Radio Systems	802-443-161	2	(J87215) - ± 20 Volts, 0.5 Ampere DC
Semiconductor Type — Ferroresonant Regulation			Addendum	1	
Addendum	1		802-443-162	3	(J87240) - ± 20 Volts, 0.50 Ampere DC
802-440-150	2	(J87221) - -3 Volts 3.5 Amperes DC — +60 Volts 0.15 Ampere DC — +145 Volts 0.045 Ampere DC	802-444-151	3	(J87234) - -24 Volts
Addendum	1		802-444-152	1	(J87282) - -22.5 Volts, 60 to 100 Milliamperes DC Output
802-440-155	3	(J87419) - For CSS-201 DIMENSION® PBX — +19.5V 1.1A, +16.0V 0.5A, +12.0V 1.4A, +9.0V 4.0A, +5.1V 1.25A, +5.1V 35.5A, +5.0V 0.5A, -5.1V 2.5A, -9.0V 3.5A, -48.0V and -48.0 FV 7.0A DC Output — 117V, 8A, 60 Hz AC Input and +9.0V 5A, +5.1V 20.5A, +5.0V 0.5A, -5.1V 3.5A, -9.0V 4.5A, -48.0V and -48.0 FV 7.0A DC Output — 117V, 8A, 60 Hz AC Input	802-444-158	2	(J87434) - Rectifier — 24 Volts, 35 Amperes
802-441-150	2	(J87272) - -12 Volts, 0.125 Ampere DC — +12 Volts, 0.6 Ampere DC — +26 Volts, 0.25 Ampere DC — +155 Volts, 0.004 Ampere DC — +200 Volts, 0.04 Ampere DC	802-444-159	2	(J87436) - Rectifier — 24 Volts, 100 Amperes
Addendum	1		802-444-160	3	(J87438) - Rectifier 24 Volts, 200 Amperes
802-441-151	3	(J87212) - +12 Volts, 0.66 Ampere DC — -12 Volts, 0.28 Ampere DC — +12 Volts, 0.135 Ampere DC, -12 Volts, 0.135 Ampere DC	802-444-163	1	(J87447) - Rectifier — 24 Volts, 15 Amperes
802-441-154	1	(J87432) - List of Power Supplies	802-446-150	2	(J87241) - -48 Volts, 0.7 Ampere
Addendum	1		Addendum	1	
802-442-150	1	(J87267) - ± 17.5 Volts, 1.6 and 3.2 Amperes DC	802-446-152	4	(J87205) - 48 Volts, 8 Amperes
Addendum	1		802-446-153	1	(J87342) - 6.6 Volts, 60 Amperes DC — For 810A PBX — Batteryless Power Plant
802-443-151	3	(J87208) - ± 18 Volts, 0.275 Ampere DC	802-446-154	1	(J87343) - 24 Volts, 20 Amperes DC — For 810A PBX — Batteryless Power Plant
802-443-152	1	(J87270) - ± 18 Volts, 0.5 and 1.5 Amperes DC	802-446-155	1	(J87347) - 48 Volts, 15 Amperes DC — For PBX — Batteryless Power Plant
			802-446-161	2	(J87435) - Rectifier 48 Volts, 35 Amperes
			802-446-162	2	(J87437) - Rectifier — 48 Volts, 100 Amperes
			802-446-163	3	(J87439) - Rectifier — 48 Volts, 200 and 180 Amperes
			802-446-166	1	(J87448) - Rectifier — 48 Volts, 15 Amperes
			Metallic Type — Manual Regulation		
			802-460-161	5	(J86220) - 10 Volts, 12 Amperes
			Addendum	1	
			802-460-166	2	(J86277) - 11 Volts, 2 and 6 Amperes

Number	Issue	Subject
802-465-155	3	(J86265) - 130 Volts, 0.2 Ampere
802-465-156	2	(J86258) - 130 Volts, 0.65 Ampere
802-466-150	3	(J86259) - 250 Volts, 0.35 Ampere

Metallic Type — Automatic Regulation

Addendum	1	
802-471-150	2	(J86241) - 24 Volts, 1 Ampere
802-473-150	1	(J86281) - 48 Volts, 7.5 Amperes

802-5 Submarine Cable Systems

❶	802-501-150	2	(J86806) - Ground Supply Bay for SD Submarine Cable System
❶	802-501-151	1	(J86860) - Ground Supply Bay for SF Submarine Cable System
❶	802-502-150	3	(J86469) - Common Control Bays — 2800 Volts, 0.26 Ampere DC
❶	802-502-151	1	(J87291) - Equipment Units for Use With SF Submarine Cable Power and Ground Supplies
❶	802-503-150	2	(J87209) - Power Equipment Units for SD Submarine Cable System
❶	802-503-151	1	(J87301) - Plug-In Units for SF Submarine Cable Power and Ground Supplies
❶	802-510-150	1	(J87218) - Inverter for SD Submarine Cable Systems — Semiconductor Type — Automatic Regulation — 5 Volt- Amperes, 400 Cycles — 4.1 Volts, 0.03 Ampere AC — 16.6 Volts, 0.04 Ampere DC — 55 Volts, 0.09 Ampere AC
❶	802-510-151	1	(J87251) - Inverter for Short Haul SD Submarine Cable Systems — Semiconductor Type — Regulated — 300 VA, 1200 Cycles — 100 Volts, 0 to 0.2 Ampere — 660 Volts, 0.45 Ampere
❶	802-515-150	1	(J86819) - Power Supply for Terminal SD Submarine Cable Systems — 420 Volts, 0.389 Ampere DC
❶	802-515-151	4	(J86275) - Power Supply — Regulated — 1900 to 3200 Volts, 0.26 Ampere

Number	Issue	Subject
❶ 802-515-152	4	(J86467) - Power Supplies for Terminal and Shipboard Submarine Cable Systems — 2800 Volts, 0.26 Ampere DC
❶ 802-515-153	4	(J86468) - Power Supply — Regulator Bays — 2900 Volts, 0.26 Ampere DC
❶ 802-515-154	3	(J86804) - Power Supplies for Terminal and Shipboard SD Submarine Cable Systems — 6500 Volts, 0.225 to 0.43 Ampere DC
❶ 802-515-155	3	(J86805) - Power Supply Equipment for Terminal and Shipboard SD Submarine Cable Systems — 6500 Volts, 0.37 and 0.43 Ampere DC
❶ 802-515-181	2	Performance Requirements for J86467 Power Supply
❶ 802-516-150	1	(J86844) - DC Power Supply — 2500 or 5000 Volts 0.136-Ampere Constant Current for SF Submarine Cable System
802-517-150	2	(J86902) - Constant Current DC Power Supply 2500-, 5000-, or 7500-Volt 0.657- Ampere for Use With SG Submarine Cable System
802-517-151	2	(J87413) - Equipment and Plug-In Units for SG Submarine Cable Power Supply
802-517-152	1	(J86924) - Short Range SF Submarine Cable Power Supply — 0- to 1800-Volt, 136- Milliampere DC Output 48-Volt DC Input
802-525-150	4	(J86460) - Power Supplies for Terminal and Submarine Cable Plants
❶ 802-525-151	1	(J86852) - Equipment Bays for Use With SF Submarine Cable Power Supplies
802-525-180	1	Performance Requirements — For J86460 Submarine Cable System

802-6 Power Plants — Miscellaneous and 100-Type**Miscellaneous**

802-601-151	6	(J86822) - Automatic Regulation — 24 Volts, 48 Amperes
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Number	Issue	Subject	Number	Issue	Subject
Addendum	1		802-612-185	1	Performance Requirements — For J86453 Power Plant — 130 Volts DC
802-601-152	9	(J86440) - 24 Volts, 1, 1.5, 6, and 12 Amperes DC	802-616-150	1	(J86848) - For PBX-A10D — 6 Volts, 11 Amperes DC — 12 Volts, 11 Amperes DC — 10 Volts, 13.6 Amperes AC
802-601-180	3	Performance Requirements — For J86440A Power Plant — 24 Volts, 6 and 12 Amperes	802-620-150	6	(J86635) - For 800A and 801A PBX Systems — -48 Volts 7 Amperes DC — +24 Volts 16 Amperes DC — -24 Volts 0.8 Ampere DC — 10 Volts 0.3 Ampere AC — 10 Volts 2 Amperes AC
802-601-181	2	Performance Requirements — For J86440B Power Plant — Filament Supply — 24 Volts, 1.5 Amperes	802-620-151	1	(J86887) - 6.6, 24 and 48 Volts Supplies — For 810A PBX — Batteryless Operation
802-601-182	1	Performance Requirements — For J86440C Power Plant — 24 Volts, 1 Ampere	802-620-152	1	(J86888) - 6.6 Volt Supply — For 810A PBX — Battery Reserve Operation
802-605-150	2	(J86483) - For TH-1 Radio System	802-624-150	4	(J86833) - For 1A or 1B Telephone Answering System — -24 Volts, 4 Amperes DC — 10 Volts, 0.3 Ampere AC — 15 Volts, 1.0 Ampere AC
Addendum	1		802-626-150	5	(J86818) - For 2A Automatic Call Distributing System — Batteryless Operation — -48 Volts, 8 Amperes DC — 10 Volts, 17 Amperes AC
802-606-153	4	(J86454) - For Type "0" Carrier Terminals and Repeaters — 130 Volts, 0.42 to 0.84 Ampere	Addendum	3	
Addendum	1		802-626-151	3	(J86828) - For 2A Automatic Call Distributing PBX System — Battery Reserve Operation — -10 and -48 Volts, 11 and 20 Amperes DC
802-608-150	2	(J86859) - 2-Wire No. 2 Electronic Switching System and Automatic Intercept Center — No. 1A in Automatic Intercept System — 6.7 Volts, 200 Amperes	802-626-152	5	(J86830) - For 3A Automatic Call Distributing System — Battery Reserve Operation — +10 Volts, 20 Amperes — Zip Tone, and 117-Volts AC Supplies
Addendum	1		802-627-150	8	(J86812) - For No. 400 Switching System — -48 Volts, 8 Amperes DC — +48 Volts, 0.1 Ampere DC — 10 Volts, 2.1 Amperes AC
802-610-150	2	(J86811) - For Traffic Data Summarizer — -3, -17.5, and -48 Volts, 3.5, 1.6, and 8 Amperes DC — +16.8, +17.5, +60, and +145 Volts, 75, 3.2, 0.15, and 0.045 Amperes DC	802-628-001	2	(J85500) — LINEAGE® 2000 Battery Plant — 24 or 48 Volts — 0 Through 6400 Amperes — Equipment Design Requirements — Power Systems
802-612-150	4	(J86431) - For Teletypewriter Switching Unit 81C1 — 48 and 115 Volts DC — 120 Volts AC			
802-612-153	2	(J86453) - For 81D1 Teletypewriter Switching System — 48 Volts, 100 Amperes DC — 130 Volts, 20 Amperes DC — 120/208 Volts AC			
802-612-154	4	(J86658) - 3B20 Simplex — Power Conditioning Cabinet			
802-612-180	1	Performance Requirements — For J86431 Power Plant — 48 Volts DC			
802-612-181	1	Performance Requirements — For J86431 Power Plant — 115 Volts DC			
802-612-184	1	Performance Requirements — For J86453 Power Plant — 48 Volts DC			

Number	Issue	Subject	Number	Issue	Subject
100-Type			Addendum	1	
802-652-153	5	(J86566) - 101E Power Plant — 20 to 24 Volts, 15 and 30 Ampere-Hours	802-659-151	3	(J86455) - 110B Power Plant — 24 Volts, 5 to 80 Amperes DC
Addendum	2		Addendum	1	
802-652-155	8	(J86731) - 101G Power Plants — For Use On Subscriber Premises — 20 Volts, 0.6 and 0.9 Ampere DC — 10 and 18 Volts, 1.4, 2.8, and 17 Amperes AC — 20 Cycle Ringing	802-659-160	14	(J86470) - 111A Power Plant — 22 to 26, 44 to 50, or 44 to 52 Volts — 0 to 800 Amperes — Positive or Negative Ground
Addendum	1		802-659-180	2	Performance Requirements — For J86572 (110A) and J86455 (110B) Power Plants
802-652-157	5	(J86471) - 101J Power Plant — 18 or 24 Volts, 4 Amperes DC — 18 Volts, 1.6 Amperes AC — 10 Volts, 5 Amperes AC	802-659-186	1	Performance Requirements — For J86470 (111A) Power Plant
802-652-158	1	(J86897) - 101K Power Plant — 110 Volts, 30 Hertz AC — -10 Volts, 3 Amperes and -24 Volts, 2 Amperes DC With 15-Ampere-Hour Battery Reserve	802-669-150	2	(J86866) - 130A Power Plant — ±24 Volts, 0 Through 70 Amperes
Addendum	1		802-669-160	2	(J86867) - 131A Power Plant — -48 Volts, 0 Through 70 Amperes
802-653-153	10	(J86466) - 102F Power Plant — 24 Volts, 100 Ampere-Hours DC — 48 Volts, 50 Ampere-Hours DC	802-669-161	2	(J85522) - 131B Battery Power Plant — 48V, 0 Through 70 Amperes DC
802-653-180	1	Performance Requirements — For J86802 (102G) Power Plant	802-669-162	3	(J85525) - 131C, 131D, and 131F Battery Power Plants — -48 Volts, 0 Through 70 Amperes DC
802-654-150	6	(J86423) - 103B Power Plant — 48 and 75 volts, 0.6 Ampere DC	802-670-150	2	(J86868) - 132A Power Plant — ±24 Volts, 0 Through 140 Amperes
802-654-180	1	Performance Requirements — For J86423 (103B) Power Plant	802-670-151	3	(J86918) - 132B Power Plant — ±24 Volts, 0 Through 140 Amperes
Addendum	1		802-670-160	2	(J86869) - 133A Power Plant — -48 Volts, 0 Through 140 Amperes
802-656-151	5	(J86516) - 105C Power Plant — 48 Volts, 3, 10, and 20 Amperes DC	802-670-161	3	(J86919) - 133B Power Plant — -48 Volts, 0 Through 140 Amperes
802-656-152	10	(J86446) - 105D — 48 Volts, 10, 25, and 40 Amperes DC	802-679-151	3	(J86871) - 150B Power Plant ±24 Volts, 0 Through 600 Amperes
Addendum	1		802-679-152	2	(J86928) - Battery Plant — 24 or 48 Volts, 0 Through 800 Amperes
802-656-153	12	(J86814) - 105E Power Plant — 24 and 48 Volts, 30 Amperes DC	802-679-160	2	(J86872) - 151A Power Plant — 48 Volts, 0 Through 400 Amperes — Positive or Negative
802-656-180	1	Performance Requirements — For J86446 (105D) Power Plant	802-679-161	2	(J86873) - 151B Power Plant — -48 Volts, 0 Through 600 Amperes
Addendum	1				
802-659-150	12	(J86572) - 110A Power Plants — 24 Volts, 10 to 120 Amperes DC — 48 Volts, 10 to 400 Amperes DC			

Number	Issue	Subject	Number	Issue	Subject
802-679-162	1	(J86917) - 151C Power Plant -48 Volts, 0 Through 600 Amperes — Equipment Design Requirements — Power Systems	802-751-180	1	Performance Requirements — For J86577 (403A) Power Plant — 130 Volts, 0.6 Ampere
802-680-150	3	(J86908) - 152A Power Plant — 24 Volts, Positive or Negative — 0 Through 1200 Amperes	802-751-181	1	Performance Requirements — For J86592 (403B) Power Plant — 125 or 130 Volts, 0.1 Ampere
802-680-160	3	(J86909) - 153A Power Plant - 48 Volts Negative — 0 Through 1200 Amperes	802-751-182	2	Performance Requirements — For J86436 (403C) Power Plant — 130 Volts, 0.18 Ampere
802-681-150	3	(J86910) - 154A Power Plant — 24 Volts, Positive or Negative — 0 Through 2400 Amperes	802-754-150	9	(J86584) - 410A Power Plant — 130 Volts, 1 to 25 Amperes — Using Regulated Rectifiers
802-681-160	3	(J86911) - 155A Power Plant — 48 Volts Negative, 0 Through 2400 Amperes	Addendum	1	
802-7 Power Plants — 200-, 300-, and 400-Types			802-754-151	5	(J86465) - 410B Power Plants — ±130 Volts, 1 to 80 Amperes DC
300-Type			802-754-160	3	(J86862) - 411A Power Plant — Positive and Negative — 63 Cell, 130 Volts, 120 Amperes — Using Duct-Type Framework
Addendum	2		802-754-161	3	(J86863) - 411B Power Plant — Positive and Negative — 63-Cell, 130 Volts, 120 Amperes — Using Cabinet Framework
802-726-150	4	(J86434) - 302A Power Plant — 24 and 48 Volts, 0 to 10,000 Amperes DC	802-754-180	1	Performance Requirements — For J86584 (410A) Power Plant
802-726-151	1	(J86636) - 302B Power Plants — Negative 24 and 48 Volts — 0 to 10,000 Amperes	802-754-181	1	Performance Requirements — For J86465 (410B) Power Plant
802-726-180	3	Performance Requirements — For J86434 (302A) Power Plant — 24 Volts, 0 to 10,000 Amperes — 48 Volts, 100 to 10,000 Amperes	802-755-150	4	(J86864) - 412A Power Plant — Positive and Negative — 66 Cells, 130 Volts, 120 Amperes — Using Duct-Type Framework
802-727-150	6	(J86874) - 326A Power Plant — Combined Positive 24 Volts and Negative 48 Volts — 0 to 10,000 Amperes	802-755-151	3	(J86865) - 412B Power Plant — Positive and Negative — 66-Cell, 130 Volts, 120 Amperes — Using Cabinet Framework
802-727-151	2	(J86896) - 326B Power Plant — Combined Positive 24 Volts and Negative 48 Volts — 0 to 6000 Amperes	802-755-160	4	(J86826) - 413A Plant — 70-Cell Float and Recharge Equipment for Motor- Alternator and Inverter Plants
400-Type			802-755-163	2	(J86892) - 414B — Position Operation — 59-Cell, 125 Volts, 10 Amperes — Using Cabinet Framework
Addendum	1		802-755-166	1	(J86875) - 415A Power Plant — +140 Volt DC Operation — 70-Cell Float and Recharge Equipment
802-751-150	2	(J86577) - 403A Power Plant — 130 Volts, 0.1 to 0.6 Ampere DC	802-755-167	1	(J87132) - Power Equipment for 415A Power Plant
Addendum	1				
802-751-152	3	(J86436) - 403C Power Plant — 130 Volts, 0.18 Ampere DC			

Number	Issue	Subject
802-757-150	11	(J86578) - 420A Power Plant — For Auxiliary Repeater Stations With AC Power Service — 152 Volts, 30 Amperes DC — 55 and 60 Volts AC
802-759-150	9	(J86443) - 425A Power Plant — AC Service Equipment — For 12, 24, 130, and 250 Volt Power Plants
802-759-151	8	(J86439) - 425 A Power Plant — Filament Supply — -12 Volts, 60 to 800 Amperes
802-759-152	3	(J86832) - 425A Power Plant — Filament Supply — -12 Volts, 60 to 1600 Amperes
802-759-153	1	(J86435) - 425A Power Plant — Plate and Filament Supplies — -12, -24, +130, and +250 Volts
Addendum	1	
802-759-154	6	(J86437) - 425A Power Plant — Plate Supply — 130 Volts, 0.5 to 20 Amperes DC
802-759-155	5	(J86438) - 425A Power Plant — Plate Supply — 250 Volts, 0.5 to 20 Amperes
802-759-156	4	(J86837) - 425A Power Plant — +250 Volts, 0.5 to 20 Amperes DC
802-759-160	2	(J86452) - 425B Power Plant — Plate and Filament Supplies — 12-, 24-, 130-, and 250-Volt Power Plants
802-759-161	4	(J86450) - 425B Power Plant — Plate and Filament Supplies — -12 Volts, 22 Amperes DC — +130 Volts, 0.65 Ampere DC — +250 Volts, 0.35 Ampere DC
802-759-162	1	(J86449) - 425B Power Plant — Plate Supply — 130 Volts, 0.5 to 5 Amperes DC — With 30 Ampere Charge Signal Supply
802-759-180	3	Performance Requirements — For J86439 (425A) Power Plant — Filament Supply — -12 Volts, 800 Amperes
802-759-181	3	Performance Requirements — For J86437 (425A) — Plate Supply — 130 Volts, 20 Amperes
802-759-182	3	Performance Requirements — For J86438 (425A) Power Plant — Plate Supply — 250 Volts, 20 Amperes

Number	Issue	Subject
802-759-186	1	Performance Requirements — For J86450 (425B) Power Plant — 12 Volts, 22 Amperes — 130 Volts, 0.65 Ampere — 250 Volts, 0.35 Ampere
802-759-187	1	Performance Requirements — For J86449 (425B) Power Plant — Plate Supply — 130 Volts, 5 Amperes — With 30- Ampere Charge Signal Supply
802-760-150	5	(J86442) - 426A Power Plant — ±130 Volts, 0.5 to 40 Amperes
802-760-180	1	Performance Requirements — For J86442 (426A) Power Plant — ±130 Volts, 0.5 to 40 Amperes

802-8 Power Plants — 500-, 600-, and 700-Types

500-Type

802-801-150	8	(J86527) - 501A Power Plant — For Busy or Idle Line Indicating Lamps — 5 to 8.5 Volts, 59 Amperes AC
802-802-161	10	(J86617) - 504B Power Plants — Emergency AC Supply Units — 208/120 Volts, 1.85 and 6.25 KVA AC
802-802-186	1	Performance Requirements — For J86611 (504A) Power Plant — 110, 115, and 230 Volts
802-802-187	3	Performance Requirements — For J86617 (504B) Power Plant
Addendum	1	
802-804-154	6	(J86448) - 505D Power Plant — L3 Carrier 2-Motor Alternator Equipment — 230 Volts, 10 and 16 KVA AC
802-804-181	1	Performance Requirements — For J86426 (505C) Power Plants — Using Motor- Alternators for Stand-By Supply
802-804-182	1	Performance Requirements — For J86426 (505C) Power Plant — Using Motor- Alternator Continuously
802-804-183	1	Performance Requirements — For J86426 (505C) Power Plant — Auxiliary Charging Equipment
802-804-184	2	Performance Requirements — For J86447 and J86448 (505D) Power Plants

Number	Issue	Subject	Number	Issue	Subject
802-805-150	10	(J86724) - 506A Power Plant — 12 Volts, 0.1 KVA AC — 20 or 22 Volts, 0.25 and 0.75 KVA AC — 22 Volts, 50 VA, 0.5 and 1.5 KVA AC	802-852-152	1	(J86803) - 610C Power Plant — -24 Volts, 5 Amperes DC
802-806-186	3	Performance Requirements — For J86476 (508A) Power Plant — Continuous 230 Volts AC	802-852-153	6	(J86807) - 610D Power Plant — 48 Volts, 1.5 Amperes DC
802-810-150	2	(J86840) - 520A — Continuous 230 Volt AC Power	802-852-154	1	(J86901) - 610F Power Plant — Negative 48-Volt DC to Positive 65-Volt DC — 3-Ampere Converter
802-810-180	2	Performance Requirements — For J86840 (520A) Power Plant — 230 Volts	Addendum	1	
802-811-150	2	(J86854) - 521A Power Plant and Combination 505D and 521A Power Plants — L3 Carrier Inverter Plant	802-854-160	1	(J86894) - 620A Plant — Using DC-to-DC Converters — 24 Volts, 600 Amperes Output — 140 Volts Input
802-811-185	1	Performance Requirements — For J86447 and J86854 (521A) Power Plants — L3 Carrier Inverter Plant	802-854-162	2	(J86922) - 620C Converter Frame — DC- to-DC Regulated — 24-Volt, 0- to 300- Ampere Output — +140-Volt Input
802-813-150	5	(J86641) - 523A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 1.5 kW, 117 Volts, Single-Phase	802-854-163	2	(J86925) - 620C Power Plant — DC-to-DC Regulated — 24-Volt, 0- to 600-Ampere Output on Each of Two Buses — 140- Volt Input
802-813-180	3	Performance Requirements — For J86641 (523A) or J86642 (524A) Power Plant — General Purpose Inverter Plant With Regular and Reserve Supply	802-855-165	2	(J86898) - 625A — Using DC-to-DC Converters — 48 Volts, 300 Amperes Output — 140 Volts Input
802-814-150	4	(J86642) - 524A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 5 kW, 117 Volts, Single-Phase	Addendum	1	
802-815-160	1	(J86651) - 526A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 8.0 KW, 120 Volts, Single-Phase	802-855-166	1	(J86903) - 625B Power Plant — DC-to-DC Regulated — 48-Volt, 0- to 300-Ampere Output — 140-Volt Input
600-Type			802-855-167	2	(J86923) - 625C Converter Frame — DC- to-DC Regulated — 48-Volt, 0- to 300- Ampere Output — +140-Volt Input
Addendum	1		802-855-168	2	(J86926) - 625C Power Plant — DC-to-DC Regulated — 48-Volt, 0- to 600-Ampere Output on Each of Two Buses — 140- Volt Input
802-852-150	5	(J86497) - 610A Power Plant — DC-to-DC Converter — Positive or Negative — 130 Volts, 3.0 Amperes Output — -48 Volt Input	802-855-170	1	(J86907) - 625F Power Plant DC-to-DC Regulated — 48-Volt, 0- to 1800-Ampere Output — 140-Volt Input
Addendum	1		802-857-150	2	(J86900) - 630A Power Plant — Using DC-to-DC Converters — 24 Volts, 300 Amperes and — 48 Volts, 150 Amperes Output — 140 Volts Input
802-852-151	6	(J86801) - 601B Power Plant — ± 120 and ± 130 Volts, 0.75 Ampere	Addendum	1	
			802-862-150	6	(J86809) - 651A Power Plant — Using DC-to-DC Converters — ± 130 Volts, 2 and 5 Amperes DC

Number	Issue	Subject
802-865-150	5	(J87309) - 660-Type Power Plant — Using DC-to-DC Converters — ± 130 Volts Output, 48 Volts Input
Addendum	1	
802-865-151	5	(J86882) - 660A Power Plant — Using DC-to-DC Converters — +130 or -130 Volts Output — -48 Volts Input — 7-Foot Duct Framework
Addendum	1	
802-865-152	5	(J86883) - 660B Power Plant — Using DC-to-DC Converters — +130 or -130 Volts Output — -48 Volts Input — 7-Foot Cabinet Framework
Addendum	1	
802-865-153	5	(J86884) - 660C Power Plant — Using DC-to-DC Converters — +130 Or -130 Volts Output — -48 Volts Input — 9-Foot Duct Framework
802-865-161	1	(J86905) - 662A Converter Power Plant for Dial-Tone-First Operator Coin Trunks and Miniaturized Dial Long Lines Circuits
802-865-162	1	(J86912) - 663A Converter Power Plant for Coin Control Circuits
802-865-163	1	(J86913) - 663B Converter Power Plant for Coin Control and T1 Carrier Circuits
802-865-164	2	(J86914) - 663C Converter Power Plant for T1 Carrier Circuits
802-865-166	1	(J86920) - 664A Converter Power Plant — General Use Plant
802-866-152	2	(J86880) - 671A Power Plant — +48V or -48V DC, 16.0 Amperes Output — -24V DC Input
802-866-153	3	(J87811) - 672A Power Plant — +24V DC, 48.0 Amperes Output — -24V DC Input
802-866-157	1	(J86915) - 673A Converter Power Plant for C1 Alarm and Miscellaneous Equipment in TD-2 Radio Bays
802-866-158	2	(J86921) - 673B Converter Power Plant for Equipment in TD-2 Radio Bays

Number	Issue	Subject
802-867-150	3	(J86891) - 680A Power Plant — 0- to 1150-Volt, 910-Milliampere DC Output — -24 Volt DC Input
802-867-151	1	(J86899) - 680B Power Plant — 0- to 1150-Volt, 835- and 910-Milliampere DC Output — +140 Volt DC Input
802-867-156	1	(J86904) - 681A Converter Power Plant for TD2 Radio

700-Type

Addendum	1	
802-871-150	3	(J86475) - 702C Power Plant — ± 125 to ± 135 Volts, 50 to 1000 Amperes
802-871-180	2	Performance Requirements — For J86475 (702C) Power Plant — 130 Volts, 50 to 1000 Amperes
802-872-186	1	Performance Requirements — For J86583 (704B) Power Plant
802-872-187	1	Performance Requirements — For J86590 (704C) Power Plant
802-874-150	8	(J86827) - 708A Power Plant — ± 130 Volts, 1000 Amperes

802-9 Power Plants — 800- and 900-Types**800-Type**

802-901-150	1	(J86458) - 801E Power Plant — 20 Cycle $\pm$ Continuous Ringing Supply — 105 Volts, 0.5 Ampere
802-901-156	5	(J86523) - 802B Power Plant — 1000 Cycle Ringing Machine Equipment
Addendum	1	
802-902-151	9	(J86555) - 803C Power Plants — 20-Cycle Machine Ringing Equipment — KS- 15816 Ringing and Coin Control Machines — 84 to 88 Volts Ringing, 6 Amperes AC — 115 to 120 Volts Coin Control, 0.5 Ampere DC
Addendum	1	
802-902-157	5	(J86451) - 804C Power Plants — 20-Cycle Machine Ringing Equipment — 84 to 88 Volts, 1 Ampere

Number	Issue	Subject	Number	Issue	Subject
802-902-158	2	(J86477) - 804D Power Plant — 20-Cycle Emergency Machine Ringing Equipment — KS-15532 Ringing Machine — 84 to 88 Volts, 1 Ampere	802-904-163	1	(J86839) - 807E Power Plant — Tone Supplies for No. 1 TSPS Office — 30-, 60-, and 120-IPM Interrupter Loop Signaling — 0.18 Volt, 1 Volt-Ampere, 480/620 Cycles — 0.29 Volt, 1 Volt-Ampere, 480 Cycles — 0.36 Volt, 1 Volt-Ampere, 440/480 Cycles
802-902-181	2	Performance Requirements — For J86555 (803C) Power Plant	802-904-164	2	(J87813) - 807F — Signaling Equipment — Touch-Tone Dial Tone — Power Supply
802-902-186	1	Performance Requirements — For J86451 (804C) Power Plant — Ringing and Signaling	802-904-165	3	(J87814) - 807G — Signaling Equipment — Precise Busy-Tone Power Supply for Step-by-Step Offices
802-903-181	1	Performance Requirements — For J86428 (805C) Power Plant	802-904-181	1	Performance Requirements — For J86596 (806D) Power Plant — Ringing and Signaling
Addendum	2		802-904-182	1	Performance Requirements — For J86445 (806E) Power Plant
802-904-151	9	(J86596) - 806D Power Plants — 20-Cycle Machine Ringing Equipment — KS-5546 Ringing Machines — 72 to 88 Volts, 0.25 Ampere — 75 to 110 Volts, 0.5 Ampere — 84 to 88 Volts, 0.5 Ampere	802-904-183	1	Performance Requirements — For J86456 (806F) Power Plant — Ringing and Signaling
802-904-152	5	(J86445) - 806E Power Plant — Machine Ringing Equipment — 84 to 88 Volts, 0.25 Ampere — 94 to 101 Volts, 0.25 Ampere — 102 to 110 Volts, 0.25 Ampere	802-905-155	7	(J87801) - 812A Power Plant — Ringing and Tone Power Plant — For No. 1 ESS Offices
Addendum	3		Addendum	3	
802-904-153	4	(J86456) - 806F — 20-Cycle Machine Ringing Equipment — 84 to 88 Volts, 0.25 Ampere — 90 to 120 Volts, 0.1 Ampere — 94 to 101 Volts, 0.25 Ampere — 102 to 110 Volts, 0.25 Ampere	802-906-150	9	(J86834) - 808A Plant — Ringing and Tone Power Plant for 1 ESS™ Offices
Addendum	1		802-908-160	2	(J87822) - 820A — Ringing, Tone, and Interrupter Power Plant for No. 4 ESS Toll Offices
802-904-154	4	(J86472) - 806G Power Plants — 20 Cycle Machine Ringing Equipment — KS- 15804 Ringing Machines — 65 to 90 Volts, 0.25 Ampere	802-910-150	1	(J87803) - 831A Power Plant — Ringing and Tone Equipment — Static Ringing and Transistor Tone Generators — For No. 2 ESS 4-Wire Offices
Addendum	1		802-915-150	4	(J87804) - 841A Plant — Ringing and Tone Power Plant — For No. 2 ESS Offices
802-904-155	8	(J86815) - 806H Plant — Ringing and Tone Equipment — Static Ringing and Transistor Tone Generators for 1 ESS™ Offices	802-921-150	2	(J87807) - 852A Power Plant — Ringing and Tone Power Plant — For No. 5 Crossbar Offices
802-904-160	2	(J86816) - 807B Power Plants — Call Progress Tone Equipment — Transistor Tone Generators and Rotary Interrupters	802-922-150	2	(J87809) - 853A Power Plant — Ringing and Tone Power Plant — For No. 5 Crossbar Offices
802-904-162	4	(J86829) - 807D Power Plants — Dial Tone Supply and Signaling Equipment for Use With Touch-Tone Dial Tone — 350 and 440 Hertz — 1.2 to 23 Volts, 1 and 35 Volt-Amperes	802-925-150	1	(J87820) - 856A Power Plant — Ringing, Tone, and Interrupter Power Plant for No. 4A Toll and Crossbar Tandem Offices

Number	Issue	Subject	Number	Issue	Subject
802-926-150	1	(J87821) - 857A Power Plant — Ringing, Tone, and Interrupter Power Plant for No. 4A Toll and Crossbar Tandem Offices	900-Type — Diesel Plants		
802-930-155	1	(J87812) - 861A Power Plant — Ringing and Tone Power Plant — For No. 1, 350A and 355A Step-by-Step Offices	Addendum	1	
802-931-150	2	(J87810) - 862A Power Plant — Ringing and Tone Power Plant — For No. 1 and 350A Step-by-Step Offices	802-961-151	1	(J86627) - 900-Type Power Plants — Stationary Diesel Engine-Driven Alternator — 208 to 240 and 416 to 480 Volts, 500 kW — Automatic and Manual Control — General Information
802-932-150	3	(J86881) - 863A — Ringing and Tone Power Plant — For No. 1 and 350A Step-by-Step Offices	802-961-180	2	Performance Requirements — For J86633 (900-Type) Power Plants — Manual Control
802-938-150	1	(J87819) - 871A Ringing Power Plant—±105 Volt Continuous Ringing	802-961-181	2	Performance Requirements — For J86633 (900-Type) Power Plants — Automatic Control
802-939-150	1	(J87808) - 872A Ringing Power Plant — 105V Continuous Ringing	802-961-182	3	Performance Requirements — For J86627 (900-Type) Power Plants — Manual Control
802-940-150	2	(J86855) - 873A Power Plant — 20 Cycle, ± Continuous Ringing — 105 Volts, 5 Amperes	802-961-183	2	Performance Requirements — For J86627 (900-Type) Power Plants — Automatic Control
802-943-150	1	(J87824) - 881A Miscellaneous Power Frame and the Ringing, Tone, and Cadence System — For No. 3 ESS Offices	802-963-180	1	Performance Requirements — For J86625 (900-Type) Power Plants — Automatic or Manual Control
802-943-151	1	(J87825) 881B Miscellaneous Power Frame and the Ringing, Tone, and Cadence System for No. 3 ESS Offices	802-963-181	1	Performance Requirements — For J86625C (900-Type) Power Plant — Automatic Control
900-Type — General			802-963-182	1	Performance Requirements — For J86620 (900-Type) Power Plants
802-950-152	1	(J86632) - 900-Type Power Plants — Method for Determining Motor Starting Capacity — Of Engine-Alternators	802-963-183	2	Performance Requirements — For J86614 (900-Type) Power Plants
900-Type — Gasoline Plants			Addendum	1	
802-956-180	2	Performance Requirements — For J86618 (900-Type) Power Plants — Automatic or Manual Control	802-964-152	2	(J86842) - 900-Type Power Plants — Automatic Diesel Engine-Driven Alternators — 208 to 240 Volts, 115 kW — 3-Phase, 4-Wire, 1800 RPM
802-956-181	1	Performance Requirements — For J86618J and J86618K (900-Type) Power Plants — Automatic Control	802-964-153	6	(J86841) - 900-Type Power Plants — Automatic Diesel Engine-Driven Alternator Plants — 30-115 Kilowatts, 208 to 240 Volts, 75-115 Kilowatts, 416 to 480 Volts, 3-Phase, 4-Wire, 1800 RPM
			802-964-154	3	(J86645) - Manual Diesel Engine-Driven Alternator Plants — 30-115 Kilowatts, 208 to 240 Volts and 75-115 Kilowatts, 416 to 480 Volts, 3-Phase, 4-Wire, 1800 RPM

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		900-Type — Engine Alternator Plants		
802-964-155	1	(J86647) - 900-Type Power Plants — Manual Diesel Engine-Driven Alternator Plants — 115 kW, 208 to 240 Volts, 3-Phase, 4-Wire, 1800 RPM	Addendum	2	
802-964-156	4	(J86657) - 900 Type Power Plants — Diesel- Engine-Driven Alternator — 24 or 28 Kilowatts, 208-240V, 60 Hz, 3 ϕ , 4 Wire — 24 or 28 Kilowatts, 230-240V, 60 Hz, 1 ϕ , 3 Wire — 40 Kilowatts, 208-240V, 60 Hz, 3 ϕ , 4 Wire — 40 Kilowatts, 230-240V, 60 Hz, 1 ϕ , 3 Wire	802-980-150	4	(J86838) - 900-Type Power Plants — Stationary Gas Turbine Engine-Driven Alternator — 208, 230, 240, 480, or 4160 Volts, 750 kW — Manual and Automatic Control
802-964-157	2	(J86659) - 900-Type Power Plants — Diesel-Driven Alternator — 12 and 20 Kilowatts, 230-240 Volts, — 1.0 Power Factor, 60 Hertz, 1-Phase, 3-Wire	Addendum	1	
802-964-180	1	Performance Requirements — For J86628 (900-Type) Power Plants	802-980-151	4	(J86637) - 900-Type Power Plants — Gas Turbine Engine-Driven Alternator — 208 to 240 and 416 to 480 Volts, 200 kW — 3-Phase, 60 Cycles
802-964-181	1	Performance Requirements — For J86629 (900-Type) Power Plants	Addendum	1	
802-964-183	2	Performance Requirements — For J86842 (900-Type) Power Plants — Automatically Controlled	802-980-152	2	(J86644) - 900-Type Power Plants — Gas- Turbine Engine-Driven Alternator — 480 and 4160 Volts, 2100 and 2500 kW — 3-Phase, 60 Hz
802-964-184	2	Performance Requirements — KS-22344 Diesel-Engine Alternator — 40-kW and 24-kW Plant (J86657)	802-980-153	3	(J86653) - 900-Type Power Plants — Stationary Gas Turbine Engine-Driven Alternator — 208, 230/240, 480, or 4160 Volts, 900 kW (Peak)/750 kW (Base) — Manual and Automatic Control
Addendum	1		802-980-154	1	(J86654) — 900-Type Power Plants — Gas Turbine Engine-Driven Alternator — 208 to 240 and 416 to 480 Volts, 435 to 500 kW 3-Phase, 60 Hz
802-965-150	2	(J86631) - 900-Type — Stationary Diesel Engine-Driven Alternator — Automatic and Manual — 208 to 240 or 416 to 480 Volts, 225 kW — 3-Phase, 60 Cycles	802-980-155	1	(J86655) — 900-Type Power Plants — Gas Turbine Engine-Driven Alternator — 480 Volts and 4160 Volts, 1250 to 1500 kW 3-Phase, 60 Hz
802-965-180	2	Performance Requirements — For J86631 (900-Type) Power Plants — Manual Control	802-980-180	1	Performance Requirements — For J86838 (900-Type) Power Plants — Manual Control
Addendum	1		802-980-181	1	Performance Requirements — For J86838 (900-Type) Power Plants — Automatic Control
802-965-181	2	Performance Requirements — For J86631 (900-Type) Power Plants — Automatic Control	802-980-182	1	Performance Requirements — KS-19896 Gas Turbine Engine-Alternator — 200 kW Plant (J86637)
			802-980-183	2	Performance Requirements — KS-20542 Gas Turbine Engine-Alternator — 200 kW Plant (J86637)

Number	Issue	Subject
802-980-184	1	900-Type Power Plants — KS-22673 Gas Turbine Engine Alternator — 900 kW (Peak)/750 kW (Base) Plant J86653 — Performance Requirements
802-980-185	1	Performance Requirements — KS-20460 Gas Turbine Engine-Alternator — 2100 kW and 2500 kW Plants (J86644)
802-980-186	1	Performance Requirements — KS-21264 Gas Turbine Engine-Alternator — 435 to 500 kW Plants (J86654)
802-980-187	1	Performance Requirements — KS-21879 Gas Turbine Engine-Alternator — 1250 to 1500 kW Plants (J86655)
Addendum	2	
802-981-150	1	(J86646) - 900-Type Power Plants — Automatic Reserve Power Plants — 480 or 4160 Volts, 2.1 to 7.5 Megawatts
Addendum	1	
802-981-151	1	(J86740) - System Control Bay for Paralleled Standby Alternators

Division 803**Grounding Systems**

Number	Issue	Subject
803-7 Grounding Verification		
■ 803-700-400	1	Ground System Verification

803-0 Index**803-2 Electrodes and Terminals****803-5 Grounding Requirements****803-7 Grounding Verification**

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803-000-000	4	Grounding Systems (2-95)

803-2 Electrodes and Terminals

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■ 803-200-105	1	Specification for Ground System Installation for Lightguide Regenerator Buildings (11-94)

803-5 Grounding Requirements

803-500-150	1	Grounding Practices — Telecommunications Systems Grounding — New Buildings Housing Digital and/or Analog Telecommunications Equipment Requirements and Engineering Information
■ 803-500-210	1	General Equipment Grounding Requirements for Analog and Digital Radio Systems and Auxiliary Stations
803-500-410	1	Grounding Practices — Isolated Ground Planes — Engineering and Application Information

Division 804**Equipment Design and General Requirements and Engineering Information — Toll Systems****804-0 Index, General Information, and Miscellaneous Equipments****804-1 Program Transmission and Radio Telephone****804-3 Microwave Radio****804-6 Carrier****804-9 Test Equipment**

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Specifications		
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804-001-151	3	(J67001) — Distributing Frames — Protector Frames
804-001-152	6	(J61401) — Miscellaneous Intertoll Trunks and Associated Equipments — Relay Rack Units (Also numbered 814-522-150)
804-001-153	7	(J68631) — Toll Conference Unit and Repeater Bay Equipment and Associated Trunk Units
804-001-154	3	(J68803) — Patching Trunk Bay Equipment and Tandem Patching Trunk Bay Equipment
804-001-155	1	(J68896) — Tandem Patching Bay for Spare Equipments and Patching Trunks for 4-Wire and 6-Wire VF Circuits

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804-001-159	4	(J68814) — Signaling — Sequence Signaling — Transmitting, Receiving and Translating Equipment
804-001-161	3	(J68657) — Toll Conference Service — Multiport Conference Bridge
804-003-150	14	(J68606) — Echo Suppressor Equipments
804-003-151	11	(J68605) — Echo Suppressors and Associated Testing Equipment
804-003-152	5	(J68881) — 3A and 3B Echo Suppressor
Addendum	2	
804-003-155	4	(J68914) — 4A Echo Suppressor Bay
Addendum	1	
804-003-160	2	(J68658) — 58-Type Echo Suppressor Measuring System — No. 1A, 2, 3, and 4 Echo Suppressors
804-004-150	4	(J68628) — Repeater and Line Equipment — Associated With Telephotograph
804-004-151	6	(J68643) — Voice-Frequency Telephone Repeaters for Use at L1 and L3 Carrier Auxiliary Repeaters
804-004-153	8	(J68635) — V1 and V2 Telephone Repeaters and Associated Equipment
804-004-154	5	(J68638) — A-C Operated V1 Telephone Repeater Application
804-004-155	5	(J68649) — V3 Telephone Repeater — Bay Equipments
804-004-156	5	(J68651) — V3 Telephone Repeaters and Voice Frequency Line Equipment for Voice Frequency and Carrier Applications
804-004-157	1	(J68656) — Tone Operated Control — Telephotograph System

Number	Issue	Subject	Number	Issue	Subject
804-005-150	4	(J68777) — 1A Compandor	804-020-190	2	Ringers and Signaling Circuits and Associated Equipment
804-007-150	8	(J68811) — C1 Alarm and Control System	804-021-180	1	Frequency Indicator and Alarm Circuits
804-007-151	5	(J68804) — B1 Alarm and Control System	804-021-181	2	Oscillators and Associated Amplifiers
804-007-155	7	(J63004) — Alarm Trunk Equipment for Repeater Stations	804-021-182	1	Sequence Signaling and Order Wire Circuits for Use with TD2 Radio Relay Systems, C1 Alarm and Control Systems, Television Networks
804-007-156	1	(J63005) — Maintenance Alarm Equipment	804-021-183	4	Toll Conference Service Equipment
804-007-157	2	(J68904) — Signal Converter for International Trunk Supervision	804-021-184	1	J68612E Four Wire Telephone Order Wire Bridging Arrangements
804-007-158	1	(J68957) — Unitized Analog Facility Terminal Equipment For CCITT No. 5 With Line Signaling Transceivers, Optional A6B Channel Banks, Optional Direct Formed Supergroup With Optional 2BX SMAS No. 3 Maintenance Connectors Arranged for 96 Circuits	804-021-185	1	Network and Network Jack Units J68624
804-007-160	2	(J68883) — Broadband Restoration — Order Wire Equipment	804-021-186	2	Crosstalk Tests on Newly Installed Repeating Coil Groups and Composite Sets Used in Cable Circuits
❶ 804-007-161	1	(J68890) — Failure Display Equipment 4 Broadband Restoration	Addendum	1	
Addendum	1		804-021-192	1	Multipoint Conference Bridge
❶ 804-007-162	1	(J68891) — Control Console — Broadband Restoration	804-021-193	3	C1 Alarm and Control System — Alarm Sending and Receiving Circuits
❶ 804-007-164	1	(J68907) — Telemetry Printer for Broadband Restoration	804-022-182	2	22A Type Telephone Repeaters and Associated Circuits
Performance Requirements			804-022-186	1	Switched-In V1 Telephone Repeaters and Repeating Coil Hybrid Circuits with Associated Circuits at Non-Repeated Terminals for Toll Switching System No. 4
804-020-180	3	1600- or 2000-Cycle Single-Frequency Signaling Circuits SD-55954-01 and SD- 55954-02	804-022-187	4	V1 Telephone Repeaters and Associated Equipment
804-020-181	2	1600- or 2000-Cycle Supply Circuit SD-55962-01	804-022-192	6	1A Echo Suppressor and Disabler
804-020-182	2	1600- or 2000-Cycle Single Frequency Signaling Circuit SD-56202-01	❶ 804-022-193	1	2A Echo Suppressor
804-020-183	1	1600- or 2000-Cycle Supply Circuit SD-56239-01	804-022-194	1	3A Echo Suppressor
804-020-184	2	2400- or 2600-Cycle Supply Circuit — J68602CM Oscillator Circuit — J68602CN Transfer Circuit	804-022-195	1	3B Echo Suppressor
804-020-185	4	2400- or 2600-Cycle Single-Frequency Signaling Circuit and Network Circuit	804-022-197	1	58-Type Echo Suppressor — Measuring System
804-020-186	1	2400- or 2600-Cycle Single-Frequency Signaling Circuit SD-56202-02	804-022-198	1	Tone-Operated Control Circuit (SD-56524- 01)
			804-023-180	2	1A Compressor and 1A Expander (1A Compandor)

Number	Issue	Subject
Toll Terminal Equipment		
804-050-150	2	(J68935) - Voiceband Interface — No. 4ESS™ Interface
804-050-151	2	(J68952) - Digroup Terminal
804-050-153	4	(J68960) — Digital Interface
804-050-157	1	(J68965) — Unitized Digital Facility Terminal — With D4 Channel Banks, CCITT — No. 5 Line Signaling Transceivers and 2BX Maintenance Connectors — For use in No. 4ESS International Switching Centers

804-1 Program Transmission and Radio Telephone

Program Transmission

Specifications

804-101-150	2	(J68634) — Program Transmission Equipment for Switching of Program Circuits
804-101-151	12	(J68617) — Program Transmission Panels and Units

Performance Requirements

804-105-180	4	12C Program Amplifiers and Associated Equipment
804-105-181	4	14C Program Amplifiers and Associated Equipment
804-105-182	2	700A Volume Indicator
804-105-183	1	754 Type Volume Indicators
804-105-184	2	J64001G Volume Indicator
804-105-185	2	Open Wire Program Amplifiers and Associated Equipment

Radio Telephone

Specifications

804-130-150	1	(J68328) — B4 Control Terminal
804-130-153	4	(J68352) — Terminating Equipment
804-130-154	1	(J68360) — Marine Service Transmitting Station for Use With Aeronautical Communications Equipment Incorporated — Radio Transmitter Model 446
804-131-151	4	(J68312) — Voice Frequency Amplifiers
804-131-152	2	(J68325) — A2 Channel Shifter Panels

Number	Issue	Subject
804-131-153	1	(J68334) — B1 Channel Shifter Panels
804-131-154	4	(J68326) — Vogad and Bypass Panels
804-131-155	2	(J68317) — B3 Privacy
804-131-156	2	(J68324) — A5 Privacy
804-131-157	4	(J68364) — TV Program Switching — Switching Control Panel and Associated Relay Rack Equipment
804-132-150	1	(J68375) — D1 Alarm and Control Circuit and Order Wire Circuit
804-132-151	4	(J68379) — D2 Alarm, Control, and Order Wire System

Performance Requirements

804-150-180	5	C2 Control Terminal
804-150-181	4	C4 Control Terminal
804-150-182	2	E1 Control Terminal
804-150-183	1	J68320 G1 Control Terminal
804-150-184	2	J68327 G2 Control Terminal
804-151-180	2	Third Channel Applique per J68323L and Associated Bridging Equipment for Radio Telephone Terminals
804-151-181	2	Telegraph or Third Channel Bypass Circuit for B1 or B2 Vogad
804-151-187	2	D1 Alarm and Control Circuit and Order Wire Circuit
804-151-188	2	D2 Alarm and Control and Order Wire Circuit
804-152-180	1	A2 Channel Shifter Equipment for Radio Telephone Terminals
804-152-181	2	B1 Channel Shifter Equipment for Multichannel Single Sideband Radio Circuits
804-152-184	1	A2 Vogad Circuit
804-152-185	3	B2 Vogad Circuit
804-152-189	1	Voice Frequency Amplifier J68312C for Radio Telephone Terminals
804-152-190	6	A1 Noise Reducer for Radio Telephone Terminals
804-152-191	1	A2 Noise Reducer for Radio Telephone Terminals
804-152-193	5	A5 Privacy System for Radio Telephone Terminals
804-152-194	1	B3 Privacy Inverter

Number	Issue	Subject	Number	Issue	Subject
804-3 Microwave Radio			804-304-181	1	Performance Requirements — 200B Protection Switching System
Miscellaneous and Common Equipment			804-305-150	2	(J68420) — 2A Restoration Switch
804-301-150	2	(J68388) — TD-to-TH and TH-to-TD IF Shifters	804-305-180	1	Performance Requirements — 2A IF Restoration Switch
804-301-180	1	IF Shifters — J68388A, B	804-306-150	4	(J68421) — Line Branching and Mastergroup Combining for Use With MMX-2 on Radio
804-302-150	2	(J68385) — Emergency Broadband — IF Restoration	804-307-150	2	(J68910) — Switch and Control Bays and Control Units for Broadband Switching
804-302-180	1	Emergency Broadband IF Restoration	804-308-150	2	(J68424) — 300A Protection Switching System
804-302-181	1	Broadband IF Restoration — IF Restoration Pilot Detector	804-308-155	1	(J68429) — 400 Type IF Protection Switching Systems
804-302-182	1	IF Restoration — J68385L Interconnecting Status and Control Panel for TD Automatic Protection Switching	804-308-159	1	(J68446) — 500A Protection Switching System
804-302-183	1	IF Restoration — J68385M Interconnecting Status and Control Panel for the 100A Protection Switching System	804-308-180	2	Performance Requirements for the 300A Protection Switching System
804-302-184	1	IF Restoration — J68385N Interconnecting Status and Control — Panel for TH Radio Protection Switching	804-308-185	1	Performance Requirements for the J68429AA Test Set — 400A Protection Switching System — Specialized Test Equipment
804-303-150	5	(J68381) — 100A Protection Switching System	804-308-187	2	Performance Requirements — 400B Protection Switching System
Addendum	1		804-308-188	1	Performance Requirements for the J68437B — 401B Protection Switching System
804-303-180	6	Performance Requirements — 100A Protection Switching System — Transmitting IF Switch and Control Bay	804-308-190	1	Performance Requirements for the 401C Protection Switching Unit
804-303-181	8	Performance Requirements — 100A Protection Switching System — Receiving IF Switch and Control Bays	804-309-150	1	(J68384) — Antennas, Passive Reflectors, and Radomes for Microwave Communication Systems
804-303-182	3	100A Protection Switching System — Auxiliary Station IF Switch and Control Bay	804-309-151	3	(J68393) — Indoor — Waveguide Considerations
804-303-183	3	Performance Requirements — 100A Protection Switching System — Local and Remote Controls, Indications, and Alarms	804-309-152	2	(J68399) — Auxiliary Channel — General Requirements
804-303-184	1	100A Protection Switching System — Test Set	804-309-153	5	(J68383) — TD & TH Radio — 3-Type FM Terminal Equipment
804-303-185	4	Performance Requirements — 100A Protection Switching System — Job Additions	804-309-154	5	(J68418) — 4- and 5-Type FM Terminal Equipment
804-304-150	3	(J68398) — 200-Type Protection Switching System	804-309-158	2	(J68451) — Toll Systems — Heterodyne Auxiliary Channel Equipment
804-304-180	1	200A Protection Switching System			

Number	Issue	Subject	Number	Issue	Subject
804-309-180	1	3A FM Terminal Transmitter	804-330-157	7	(J68350) — Automatic Switching — Switching Control Equipment
804-309-181	1	3A FM Terminal Receiver	804-330-158	6	(J68351) — Automatic Switching — Auxiliary Station Switching and Control Equipment
804-309-182	1	Performance Requirements — 4A FM Terminal Receiver	804-330-160	2	(J68354) — Program and Terminal Maintenance Switching, Patching, and Monitoring for IF, Video, and Pilot Resupply Equipment for Automatic Switching
804-309-183	1	Performance Requirements — 4A FM Terminal Transmitter	804-330-161	6	(J68344) — Remote Control Equipment for Controlling 223-Type Switches Over Metallic Loops or C1 Alarm System
① 804-309-184	2	Performance Requirements — Group Entrance Link — SD-50968-01 and ED-51390-()	804-330-162	4	(J68356) — Remote Control Equipment Using Sequence Signaling
804-311-150	1	1A-Radio Digital System Message Data Combining Units — Equipment Description Toll System	804-330-164	5	(J68345) — Transmitter-Receiver Test Set
Addendum	1				
804-313-150	1	(J68436) — Protected Gain and Equalization Bay			
804-314-150	1	(J68445) — IF Entrance Link			
804-325-150	4	(J68359) — Non-Western Microwave Radio Relay — Motorola Message Equipment — MR-10 — System Requirements			
804-325-151	3	(J68361) — Non-Western Microwave Radio Relay — Motorola Multiplex Equipment — Unit Requirements			
TD Radio			Performance Requirements		
Specifications			804-330-180	2	FM Terminal Transmitter
804-330-152	7	(J68338) — IF and Video — Patching and Monitoring Equipment	804-330-181	2	FM Terminal Transmitter — Tested With J68337H FM Terminal Test Set
804-330-153	3	(J68417) — Microwave Radio — IF Patch and Access, FM Terminals, FM Terminal Patching, and Associated Miscellaneous Equipment	804-330-182	2	FM Terminal Transmitter — Balanced Input
804-330-154	6	(J68341) — Radio and Express Radio Order Circuit Equipment for Use With TD and TH Microwave Radio System	804-330-183	2	FM Terminal Receiver
804-330-155	8	(J68342) — Alarm Equipment for Use With Major Route — Distribution Fuse, Individual, Audible, and Visual Alarms	804-330-184	1	IF and Video Monitoring and Patching Equipment
804-330-156	4	(J68346) — Alarm Equipment for Use With Secondary Route TD Microwave Radio Systems — Distribution Fuse, Individual, Audible, and Visual Alarms	804-330-185	1	Video Monitor Amplifier
			804-330-186	1	IF Bridging Amplifier
			804-330-187	4	Automatic Switching — Switching Control Circuits — Switching and Control Bay J68350A
			804-330-188	3	Initiator Circuits for Regular and Protection Channels for TD Radio Automatic Switching
			804-330-189	1	Initiator Test Set for TD Radio Automatic Switching
			804-330-190	2	Video Pilot Supply and Distribution Circuits for TD Radio Automatic Switching
			804-330-191	1	IF Pilot Resupply Circuit for TD Radio Automatic Switching

Number	Issue	Subject	Number	Issue	Subject
TD-2 Radio			804-331-184	7	TD-2 Transmitter-Receiver Bay — Tested With J68345A Test Set
Specifications			804-331-185	1	J68378B IF Amplitude Equalization Circuit
804-331-150	1	AA266.031, Issue 2 (J68339) — General Requirements	804-331-186	1	FM Terminal Test Set
804-331-151	8	(J68331) — Transmitter-Receiver Bay	804-331-187	2	J68337H FM Terminal Test Set
Addendum	2		804-331-188	1	FM Terminal Receiver for TD Radio Tested With J68337H FM Terminal Test Set
804-331-152	9	(J68330) — IF, Microwave, and Control Units	804-331-189	2	TD2 Radio Automatic Switching Over-all Systems Tests
804-331-153	4	(J68389) — Microwave Radio — Channel Equalization and Level Adjustment	804-331-190	1	FM Terminal Transmitter Automatic Protection — Switching System Per SD- 50449-01 for Baseband to IF Transmission Circuits — Connecting L- Type Multiplex to TD-2 Radio
804-331-154	1	(J68378) — IF Amplitude Equalization	804-331-191	1	J68382 FM Terminal Receiver — Protection Switching System — IF-to-Baseband Transmission Circuit — Connecting TD Microwave Radio to L-Type Multiplex
804-331-155	5	(J68349) — Automatic Switching — IF Switching Equipment	804-331-192	1	Visual Delay Set
804-331-156	5	(J68382) — TD Microwave Radio — 1 x 5 — Automatic Protection Switching Equipment	804-331-193	3	J68333A Test Bench
804-331-157	1	AA266.037, Issue 5 (J68343) — Tube Cooling System	804-331-194	1	RF Leakage
Addendum	1		TD-3 Radio		
804-331-158	4	(J68368) — Outdoor Waveguide for Microwave Communication Systems	Specifications		
804-331-159	3	(J68348) — General Requirements for Secondary Route Installations	Addendum	1	
804-331-161	6	(J68337) — FM Terminal Test Set	804-332-150	2	(J68386) — Transmitter-Receiver Bay
804-331-162	1	AA266.036, Issue 6 (J68333) — Test Bench Equipment	804-332-151	3	(J68392) — Transmitter-Receiver Test Set
804-331-163	5	(J68340) — TD-2 Radio Transmitter- Receiver Test Equipment and Microwave System Power Meter NOTE: Formerly AA 266-034	Addendum	1	
Performance Requirements			804-332-152	3	(J68387) — Transmitter-Receiver Bay Components
804-331-180	1	Over-all Radio System	804-332-153	2	(J68396) — TD-3/TH-3 Radio Systems — Test Bench Facility
804-331-181	2	J68340A Transmitter-Receiver Test Bay	Addendum	1	
804-331-182	10	TD-2 Transmitter-Receiver Bay — Tested With J68340A Test Bay	804-332-154	1	(J68390) — Long Haul Microwave Radio Systems
804-331-183	2	J68345A Transmitter-Receiver Test Bay	804-332-155	2	(J68391) — Alarm Equipment for Use with TD-3 and TH-3 Microwave Radio Relay System — Distribution Fuse, Individual, Audible, and Visual Alarms

Number	Issue	Subject	Number	Issue	Subject
Performance Requirements			Addendum	1	
804-332-180	1	J68392A TD-3 Radio Transmitter-Receiver Test Set	804-333-166	3	(J68848) — Maintenance Center — Test Equipment
804-332-181	3	J68386A and B TD-3 Transmitter-Receiver Bays	Performance Requirements		
804-332-182	2	Station Audible, Visual, and Common Alarm Circuits	804-333-180	5	Microwave Carrier Supply
TH Radio			804-333-181	3	TH Microwave Radio — Broadband and Auxiliary Channel Equipment — Auxiliary Channel Transmitter and Receiver
Specifications			804-333-182	2	TH Auxiliary Channel Terminal
804-333-150	1	AA266.067, Issue 1 (J68401) — General Requirements	804-333-183	1	Transmitter-Receiver Test Set
804-333-151	1	AA266.068, Issue 3 (J68402) — Broadband and Auxiliary Channel — Radio Transmitter and Receiver Equipment	804-333-184	7	Broadband Channel Radio Transmitter
Addendum	1		804-333-185	3	Broadband Channel Radio Receiver
804-333-153	3	(J68404) — Component Equipment	804-333-186	1	FM Terminal Test Set
804-333-154	2	(J68406) — FM Terminal Equipment	804-333-187	2	J68406A FM Terminal Transmitter
804-333-155	3	(J68407) — Alarm Equipment for Use With TH-1 Radio Systems — Distribution Fuse, Individual, Audible, and Visual Alarms	804-333-188	1	J68406K FM Terminal Receiver
Addendum	1		804-333-189	1	Message Connecting Links
804-333-156	3	(J68854) — Message Connecting Links	804-333-190	1	TH Mop-Up Equalization Circuit
Addendum	1		804-333-191	1	Main and Repeater Stations
804-333-157	2	(J68409) — Automatic Protection Switching Bay Equipment	804-333-192	1	J68412A Protection Switching Test Set
804-333-158	2	(J68410) — Automatic Protection Switching Equipment — Panels, Mountings, and Plug-In Units	804-333-193	2	Automatic Protection Switching System — FM Terminal Switching — DC Reporting — IF-to-Baseband Switching for FM Terminal Receivers — Baseband-to-IF Switching for FM Terminal Transmitters — (J68409A, J68409B, and J68409D Bays)
804-333-159	1	AA266.083, Issue 1 (J68411) — IF and Baseband Patching, Monitoring, Amplifier, Equalization Equipment, and Station Transmission Cabling	804-333-194	3	Automatic Protection Switching System — IF Switching Tone Reporting Section (J68409A and J68409C Bays)
804-333-161	2	(J68405) — Transmitter-Receiver Test Set	804-333-195	1	Protection Switching System — Automatic Exerciser
804-333-162	2	(J68415) — Auxiliary Channel Test Set	804-333-196	2	Maintenance Center Test Equipment
804-333-163	2	(J68408) — TH Microwave Radio — FM Terminal Test Set	804-333-197	1	Tube Cooling System
804-333-164	2	(J68412) — Protection Switching Test Set	804-333-198	1	J68402N TH-1 Radio Broadband Channel Radio Receiver

Number	Issue	Subject	Number	Issue	Subject
TH-3 Radio			804-336-153	3	(J68373) — Order-Wire, Alarm, and Control Bay
Specifications			804-336-154	4	(J68374) — Diversity Switch and Transmission Unit
804-334-150	2	(J68423) — Medium Haul — Terminal and Order-Wire and Alarm Equipment	804-336-155	2	(J68376) — TJ Microwave Radio — Test Sets and Test Equipment — Testing and Maintenance
Addendum	1		Performance Requirements		
804-334-151	1	(J68426) — Medium Haul System — General Equipment Design Requirements	804-336-180	2	Transmitter-Receiver Bay
804-334-152	1	(J68422) — Frequency Diplexed — Auxiliary Channel	804-336-181	2	TJ Order-Wire, Alarm, and Control Bay for Use With TJ Radio D1 Alarm Systems — Including TJ/TM-1 Applications
Addendum	1		804-336-182	2	TJ Diversity Switch for Order-Wire, Alarm, and Control Bay for Use With TJ Radio D2 Alarm Systems — Including TJ/TM-1 Applications
804-334-153	1	(J68913) — Transmitter-Receiver Bay Components	804-336-183	2	Type A, Wire-Line Entrance Link Per SD- 59459-02
Performance Requirements			804-336-184	1	Wire-Line Entrance Link Per SD-50006-01 for Cable Lengths Between 2400 Feet and 7.9 Miles
804-334-180	1	The J68912A and J68912B TH-3 Transmitter-Receiver Bays	804-337-180	3	TN-1 Microwave Radio — Transmitter- Receiver Panel
804-330-192	1	Program Switching Circuits and Program Switching Control Circuits	804-337-181	1	TN-1 Microwave Radio — Overall System
804-334-181	2	Auxiliary Channel Switching System — Main Station	804-340-150	1	(J68449) — Transmitter-Receiver Bay and Transmitter-Receiver Support Bay
804-334-182	1	The FARINON* FJ-00008D — Frequency Diplexed Auxiliary Channel Multiplex Circuits	804-340-151	1	(J68450) — Transmitter-Receiver Bay and Transmitter-Receiver Support Bay Modules — AR6A Single-Sideband Radio
804-334-183	1	J68422C and J68422E Frequency Diplexed Auxiliary Channel System — Modulating/Demodulating Circuits	804-340-152	1	(J68454) — Test Equipment — Transmitter- Receiver Bay and Transmitter-Receiver Support Bay
804-334-184	1	Frequency Diplexed Auxiliary Channel Switching System — Repeater Station	804-6 Carrier		
804-334-185	1	TH-3 Medium Haul Radio	Miscellaneous Equipments		
804-334-186	1	Frequency Diplexed Auxiliary Channel	804-601-150	4	(J68738) — Carrier Drainage Coil Equipment
TJ Radio			804-601-151	8	(J68746) — Miscellaneous Equipment for Main and Auxiliary Stations
Specifications					
Addendum	1				
804-336-151	3	(J68371) — Transmitter-Receiver Bay			
804-336-152	3	(J68372) — Transmitter-Receiver Units			

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Number	Issue	Subject	Number	Issue	Subject
804-601-152	3	(J68876) — Restoration Patch Bays	804-603-181	1	TD Radio Wire Line Entrance Link Per SD-59459-02 for Cable Lengths Less than 2700 Feet
804-601-180	4	A1 and C1 Carrier Program Terminals and Connections to Group Circuits	804-603-182	1	TD Radio Wire Line Entrance Link Per SD-59494-01 for Cable Lengths Exceeding 7.9 Miles
804-601-181	5	Two Channel Bank Type EB	804-603-183	1	TD Radio Wire Link Entrance Link Per SD-59527-01 for Cable Lengths between 2400 Feet and 7.9 Miles
804-602-150	10	(J68733) — Broadband Carrier Telephone — 12-Channel Bank Equipment Type A1 (For "J", "K", and "L" Systems) — Group Terminal Equipment (For K1 Systems)	804-603-184	1	TD Radio Wire Line Entrance Link Per SD-59527-02 for Cable Lengths between 2400 Feet and 7.9 Miles
804-602-151	10	(J68775) — Broadband Carrier Telephone — Carrier and Pilot Supply Panels	804-604-150	2	(J68909) — Primary Frequency Supply — Distribution
804-602-152	5	(J68787) — Broadband Carrier Telephone Equipment — Type C1 or A1 (5- or 8-KC) or B1 (15-KC) or K Carrier Line Bridges — Carrier Program Transmission	804-604-151	2	(J68911) — 64-KHz Independent Pilot Supply and Distribution Circuit
804-602-153	1	(J68790) — Broadband Carrier Telephone — A1 Transmission Alarm Equipment	804-604-180	2	J68909 Distribution Buses for the Primary Frequency Supply Used with Carrier Telephone Systems
804-602-154	6	(J68799) — Broadband Carrier Telephone — Group Connectors and L1 Carrier Supergroup Connectors	Addendum	1	
804-602-155	5	(J68805) — H.F. Broadband Carrier Terminal — Group Branching and Bridging Equipment for 5 or 8 KC Carrier Program Transmission	804-604-181	2	Performance Requirements — Independent 64- and 512-kHz Pilot Supplies and Distribution Circuit
804-602-156	5	(J68832) — Broadband, C, H, N, and O Carrier Telephone — Voice-Frequency Channel Patch Bay Equipment	804-604-182	1	64-KHz Preamplifier and Distribution Circuit
804-332-183	1	J68386G and H Transmitter-Receiver Bays	K1 Carrier		
804-603-150	2	(J68833) — TD Radio — Types A, B, and C Wire Line Entrance Links and TJ Radio — Type A Wire Line Entrance Link	Specifications		
804-603-152	4	(J68874) — Solid-State Wire-Line Entrance Links for Connection of L-Type Multiplex to Microwave Radio Systems	804-624-150	6	(J68740) — Twist, Transmitting, Test, Program Transmitting or Auxiliary Switching Amplifier Panel; Auxiliary Receiving Amplifier Panel; Bulge and Slope Network Panel; and Associated Equipment
804-603-153	3	(J68903) — Microwave Radio — 3 Wire-Line Entrance Link Equipment	804-624-151	4	(J68741) — 12-60 KC Line Amplifier for Use with 19 Gauge Non-Loaded Cable Circuits
804-603-180	2	TD Radio Wire Line Entrance Link Per SD-59459-01 for Cable Lengths Less than 2400 Feet	804-624-152	7	(J68745) — Crosstalk Balancing Equipment
			804-624-153	9	(J68773) — Type "K" and "L" Carrier Telephone — Carrier and Pilot Supply Bays
			804-624-154	3	(J68776) — Transmission Regulation — Pilot Channel Control and Gain Deviation Limiter Equipment

Number	Issue	Subject	Number	Issue	Subject
804-624-155	4	(J68778) — Type K and L Carrier Telephone — Amplifier-Rectifier Panels	804-626-152	7	(J68782) — Regular and Portable Line Amplifier and Associated Equalizer Equipment
804-624-156	3	(J68785) — Alarm Signal and Twenty Cycle Repeater and Associated Trunk Equipment	804-626-153	4	(J68786) — Common Grid Battery Supply Equipment
804-624-157	2	(J68795) — Line Building Out Equipment	804-626-154	6	(J68783) — Twist Amplifier Equipment
Performance Requirements			804-626-155	3	(J68788) — Carrier Line Switching and Test Pilot Supply Equipment
804-624-180	7	Terminal	804-626-156	6	(J68792) — Individual Alarm, Alarm Trunk, and Alarm Trunk Signaling Units
804-624-181	9	Line and Twist Amplifiers and Associated Equipment	804-626-157	4	(J68793) — K1-K2 Junction Amplifier, and Auxiliary Amplifier for Use in Tandem With Twist Amplifier
804-624-182	3	Line and Amplifier Switching Equipment	Performance Requirements		
804-624-183	3	Deviation Regulator for Repeaters and Receiving Terminals	804-626-180	9	Terminal
804-624-184	1	Double Sideband Program Terminal	804-626-181	4	Line Amplifiers and Associated Equipment
804-624-185	1	Connecting Circuit — K1 and K2 Carrier Telephone	804-626-182	4	Twist Amplifiers and Associated Equipment
804-624-186	1	Manual Deviation Regulator — K1 Carrier Telephone	804-626-183	3	Line Switching Equipment
804-624-187	3	Carrier Program Through and End Branching Circuits Using A1A, A1B, A1BS, C1A, C1B and C1BS Carrier Line Bridges	804-626-184	4	Test Pilot Supply Equipment
804-624-188	2	A1CC, C1CC, and C1CT Carrier Program Line Bridges Using Single-Terminal Bridge with Receiving Selector Circuit	L Carrier		
804-624-189	6	42A Transmission Measuring System	Specifications		
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807-416-181	4	Performance Requirements — 111A2 Polar Relay Test Circuit
Addendum	1	
807-417-150	1	(J70155) - Central Office Interim Test Wagon — For Use With 3-Row — 4-Row Data Converter
Addendum	1	
807-418-151	1	(J79906) - Data Distortion Test Equipment
807-418-180	1	Performance Requirements — Automatic Test Line Circuit
807-418-181	1	Performance Requirements — Automatic Data Test Line No. 5A
807-418-182	3	Performance Requirements — 906A Data Distortion Test Equipment
Addendum	1	
807-421-150	2	(J70175) - Voice Frequency — Line Test Connector Bay — Line and Test Bay — Auxiliary Line Bay — No. 2 and 9B Serviceboards
807-421-181	1	Performance Requirements for VF Line Test Connector — Data Systems
807-426-180	2	Performance Requirements — 110C1 Multiple Sender Circuit
807-427-181	2	Performance Requirements — 117B1 and Modified 117A1 Telegraph Stability Test Sets

Number	Issue	Subject	Number	Issue	Subject
807-428-182	2	Performance Requirements — 119C1 Signal Distorting Set	807-5 Station Equipment and Data Sets		
Addendum	1		Station Equipment		
807-434-161	5	(J70098) - 165B1 Test Set — For Testing 144-Type Coupling Units and 96A1 Loop Repeaters	Addendum	1	
Addendum	1		807-505-151	1	(J70170) - Control Circuits for No. 1 ESS™ ADF — Intercept/Retrieval or Primary Maintenance — 3-Row, 28-Type Teletypewriter Stations
807-434-162	5	(J70120) - 165C1 Test Sets — For Testing 43A1 Carrier Channel Terminals	Addendum	1	
Addendum	1		807-505-155	2	(J1D815) - 815-Type Controller Units — Station
807-460-165	13	(J79904) - 904 Data Test Center — For Remote Data Set Testing	Addendum	1	
807-460-194	8	Performance Requirements — 904A, B, C, and D Data Test Centers	807-506-150	2	(J70147) - Semi-Automatic — DATAPHONE® Data Station Equipment
807-460-196	1	Performance Requirements for 904F, K Data Test Center	Data Sets		
807-460-197	1	Performance Requirements for No. 904G or 904H — Data Test Center	Addendum	2	
Addendum	1		807-515-151	4	(J1D101) - 101-Type — For Dial Teletypewriter — Exchange and DATAPHONE Service
807-461-165	1	(J79908) - 908A Logic Circuit Test Set	807-518-150	1	(J1D201) - 201A — DATA-PHONE Service — Transmitter-Receiver
Addendum	1		807-521-150	1	(J1D301) - 301 Type — Transmitter- Receiver
807-462-150	1	(J79909) - 909A Test Oscillator Panel	807-6 Digital Data Equipment		
807-462-152	6	(J79911) - 911-Type Data Test Sets — For Generating Test Sentences and Measuring Distortion	807-601-150	2	(J70176) - 950-Type Testboard — DSX-0 Cross-Connect and Test Sets
807-462-165	3	(J79912) - 912-Type Wideband Data Test Set	807-601-180	1	Performance Requirements for 950-Type Testboard
Addendum	1		807-610-150	1	(J70177) — Transmission Facility Terminal Units, Multipoint Junction, Timing, and Miscellaneous Units
807-462-167	2	(J79914) - 914-Type Data Test Sets for Testing Digital and Analog Data Sets	807-610-181	1	Performance Requirements for Digital Data System — Five-Volt Power Supply Shelf — Substrate Data Multiplexer and Substrate Data Multiplexer Performance Monitor
807-463-150	5	(J79915) - 915 Wideband Data Test Bay	807-610-182	1	Performance Requirements for Digital Data System — Secondary Timing Supply
807-463-180	4	Performance Requirements — For the 915A or 915B — Wideband Data Test Bay	807-610-183	1	Performance Requirements for T1 Data Multiplexer (J70177AD, AE, AG)
807-464-150	2	(J79918) - 918-Type Multispeed and Code Converter			
Addendum	1				
807-464-156	3	(J79921) - 921A Data Test Set			
807-464-186	2	Performance Requirements for No. 918 Type — Multispeed and Code Converter (J79918)			

Number	Issue	Subject
807-610-185	1	Performance Requirements — Nodal Timing Supply
807-610-186	1	Performance Requirements for Digital Data System — Local Timing Supply
807-610-187	1	Performance Requirements — Bay Clock, Power, and Alarms Circuit — Data Systems
807-610-188	1	Performance Requirements — Multipoint Junction Unit Assembly With Auxiliary Circuits
807-610-189	1	Performance Requirements for Digital Data Group Terminal (J70177AS)
807-610-191	2	Performance Requirements for Digital Data System — Digital 56 KB/S Repeater (J70177AT)
807-620-150	1	(J70178) - Digital Equipment Used in the 758C Switching System — Switched Digital Data System
807-620-180	1	Performance Requirements for Switched Digital Data System — Central Office — Billing Information Transmitter (BIT), BIT Performance Monitor, and Load Detection Circuits Used With the 758C Switching System

Number	Issue	Subject
807-620-181	1	Performance Requirements for Switched Digital Data System — Central Office — Digital Line Unit Used With the 758C Switching System
807-620-182	1	Performance Requirements — Central Office — Digital Register-Sender Circuit Used With the 758C Switching System
807-620-183	1	Performance Requirements — Central Office — Digital Register-Sender Interface Unit Used With the 758C Switching System
807-620-184	1	Performance Requirements for Switched Digital Data System — Central Office — Digital Trunk Unit Used With the 758C Switching System

807-7 Data Network Systems

Addendum	1	
807-701-150	1	(J70179) Central Office Units Transaction Network Message Switch
807-702-150	1	(J70180) Data Station Selector DATAPHONE Select-a-Station System

Division 809**Equipment Design and General Requirements and Engineering Information — Private Branch Exchange Systems****809-0 Indexes and General Information****809-1 Miscellaneous Equipments and Auxiliary Services****809-2 Trunk Alarm, and Test Equipments****809-3 Telephone Answering Systems and Equipments****809-4 Miscellaneous PBXs****809-7 500 and 600 Series Private Branch Exchanges****809-8 700 and 800 Series Private Branch Exchanges and Customer Switching Systems**

Number	Issue	Subject
809-0 Indexes and General Information		
Indexes		
809-000-000	11	Numerical Index — Division 809 — Equipment Design and General Equipment Requirements and Engineering Information — Private Branch Exchange Systems
General		
809-002-100	5	PBX Equipment Space Requirements
809-002-101	2	Compatibility of Equipment — 757A
809-002-102	6	770A PBX — Compatibility of Equipment
809-002-105	2	Compatibility of Equipment — 812A PBX
809-002-106	2	812A PBX — System Expansion and Conversion
809-006-150	1	(J59201) - Modification Requirements for Extension of Loop Ranges and Prevention of False Trunk Signals and Pulses
809-006-151	2	A Method for Establishing PBX Conductor Loop Ranges — Engineering Information

Number	Issue	Subject
809-007-180	5	Detailed Inspection Procedures — Central Office and PBX Equipment

809-1 Miscellaneous Equipments and Auxiliary Services**Miscellaneous Equipments**

809-105-150	2	(J58856) - Access Line Equipment Units for Use With Automatic Voice Network (AUTO-VON)
809-105-151	1	(J1C080) - 812A PBX — AUTO-VON Interconnection
809-105-152	2	(J59206) - Autovon Interface Trunks — Autovon
809-106-150	3	(J53122) - Manual Conference Equipment With Voice Repeaters
809-107-150	1	(J58854) - Intra-PBX Protection of Service — Relay Rack Units
809-107-151	2	(J58864) - Dual Frequency Tone Detector Unit — PBX Systems
809-108-150	3	(J58835) - Message Register Service Equipment — For Hotels and Motels
809-108-151	3	(J58834) - Message-Waiting Service Equipment
Addendum	1	
809-109-150	3	(J53128) - Lamp Signal Detector Unit and Associated Equipment for Blind Attendant — 551-, 552-, 555-, 556-, and 608- Type PBXs
Addendum	2	
809-110-150	4	(J58853) - Automatic Number Identification — Equipment Units — 701A, 701B, 711A, 711B, and 757A PBXs
809-111-150	5	(J59015) - Emergency Reporting System — Separate From PBX
Addendum	1	
809-111-151	2	(J59021) - Emergency Reporting Line and Crash Alarm Units
809-120-150	5	(J58833) - Miscellaneous Equipment — Fuse Panel, Lamp Repeating, Loudspeaker Paging Trunks, and Transmission Test Line Units
809-120-151	1	(J58866) - Auxiliary Power Unit for Use With Equipment Remote From PBX — PBX Systems

Number	Issue	Subject
809-121-150	2	(J59204) — Common Equipment

Call Distributing Equipment

809-132-001	1	(J59222) — 2A Applications Processor
809-133-150	2	(J53102) - 2A Order Turret
809-133-151	3	(J53111) - 4 Order Turret
809-133-152	4	(J53117) - 6A Order Turret
809-135-150	2	1-S Automatic Call Distributing System
Addendum	1	
809-135-151	2	(J53127) - 2A Automatic Call Distributing System
Addendum	1	
809-135-152	5	(J53131) — 3A Automatic Call Distributing System
809-135-153	1	(J53134) — No. 2B Automatic Call Distributing System

Touch-Tone Calling Equipment

809-140-150	8	(J58847) - Touch-Tone Calling Equipment
Addendum	2	
809-140-151	2	(J58850) - Touch-Tone Dial Equipment for Attendant Switchboards
809-140-152	2	(J58844) - Type C — Touch-Tone Calling Receivers
809-140-153	3	(J99322) - Centralized Touch-Tone Calling Equipment for PBX Services — PBX and Common Systems (Dually Numbered With 801-621-152)
809-140-180	1	Performance Requirements — Station Access and Common Group Touch-Tone to Dial Pulse Conversion Equipment — Step-by-Step PBXs

Customer Premises Systems

Addendum	1	
809-150-150	1	(J59203) - 50A
809-150-151	1	(J59217) — 50B
Addendum	1	
809-151-150	1	(J59205) — 60A
809-151-151	2	(J59207) — 60B
809-156-001	1	(J59219) — 93A — Local Message Detail Recorder

Number	Issue	Subject
809-156-020	1	(J59220) — 94A

Customer Information Systems

809-160-150	2	(J59212) — Management Information System 11A-CIS — AEMIS
809-160-151	1	(J59213) — Customer Network Control Center — Minicomputer Equipment — 21A Customer Information System
809-160-152	1	(J59215) — Customer Network Control Center — Display Interface Cabinet — 21A Customer Information System
809-160-154	1	(J59221) — Customer Network Control Center — PDP* 11/70 Minicomputer Equipment — 21B Customer Information System

809-2 Trunk, Alarm, and Test Equipments**Trunk Equipment**

Addendum	2	
809-201-150	7	(J58817) - Tie Trunk, Auxiliary Trunks, Signal Connector Units, and Miscellaneous Trunks and Circuits — Relay Rack Units
809-201-151	8	(J53120) — Tie Trunks, Ring-down Trunks, and Miscellaneous Trunks and Circuits — Relay Rack Units — Manual PBXs
809-201-152	5	(J58815) - Tie Trunks, Outgoing Trunks, and Miscellaneous Trunks and Circuits — Relay Rack Units — 606A, 606B, and 702A PBXs
Addendum	2	
809-201-153	7	(J58824) - Tie Trunks, Attendant Trunks, Auxiliary Trunks, and Miscellaneous Trunks and Circuits — Relay Rack Units — Dial PBXs
Addendum	1	
809-202-150	4	(J58840) - Four-Wire Trunk, Station Line, and Miscellaneous Relay Rack Units

* PDP is a registered trademark of Digital Equipment Corporation

Number	Issue	Subject	Number	Issue	Subject
809-203-150	8	(J58827) - Selected Level Announcement Trunk and Recorded Telephone Dictation Trunk Units	Addendum	1	
809-204-150	8	(J59009) - Long Line, Station Line, and Tie Trunks — Relay Rack Units	809-310-150	3	(J58846) - 1A Telephone Answering System
Alarm and Test Equipments			809-4 Miscellaneous PBXs		
Addendum	1		❶ 809-401-150	2	(J53115) - Large Dial PBX With Attendant Connectors — War Department — Arlington, Va. and Washington, D.C.
809-250-150	12	(J38304) - Alarm Equipments — No. 1, 350A Dial Offices and 702A PBX Offices — Step-by-Step and PBX Systems (also numbered 814-675-150)	809-7 500 and 600 Series Private Branch Exchanges		
809-257-150	3	(J54703) - PBX Cord Circuit Test Set — (Box Type)	500 Series PBXs		
809-258-150	5	(J54701) - PBX Test Set — (Box Type) — For Testing Line and Trunk Finders, Selectors, and Connectors — 701-, 711-, and 740-Type PBXs	809-702-150	2	(J59022) - 508A PBX Switch-board
809-258-151	5	(J94704) - Line Finder, Selector, and Connector Test Set — (Box Type) — No. 350A and 360A Offices and 701A, 701B, 702A, 711A, and 711B PBXs	Addendum	1	
809-259-150	6	(J34728) - Automatic Call Thru Test Set — (Box Type) — For Testing of Switch Trains (also numbered 814-630-150)	809-703-150	2	(J99284) - General Outline — Operating and Equipment Features — 520-Type PBX Emergency Reporting Systems
809-259-153	2	(J54702) - Incoming Trunk Test Set — (Box Type) — For Testing Trunks Incoming to Order Turret No. 3	Addendum	1	
809-3 Telephone Answering Systems and Equipments			809-703-153	4	(J99248) - 520C PBX — Concentrator-Type Emergency Reporting System — Switch-board Equipment
809-301-150	9	(J93021) - Line Concentrator-Identifier Equipment — Telephone Secretarial Service	Addendum	1	
809-301-152	1	(J59202) — Tone Signaling Equipment — For Use With Concentrator-Identifier in Telephone Secretarial Service	809-703-154	4	(J99247) - 520C PBX — Concentrator-Type Emergency Reporting System — Central Office Equipment
809-302-150	1	(J99317) - Occasional Service Feature Equipment for Telephone Answering Systems	809-703-180	1	Performance Requirements — Direct Line Emergency Reporting System — 520-Type PBXs
809-302-180	1	Occasional Service Equipment	809-703-181	1	Performance Requirements — Concentrator Emergency Reporting System — 520-Type PBXs
			809-720-150	5	(J59023) - 557A PBX Switch-board
			809-720-151	4	(J59024) - 557B PBX Switch-board
			809-721-150	4	(J59027) - 558A PBX — Switching Cabinet Equipment
			600 Series PBXs		
			Addendum	1	
			809-753-150	6	(J53106) - 606A PBX Switch-board

Number	Issue	Subject
809-755-150	4	(J53125) - 608A PBX Switchboard — 608D PBX Switchboard
809-755-151	1	(J53126) - MF Pushbutton Dialing Equipment for 608A PBX Switchboard Used as Attendant Position — No. 5 Crossbar Office Functioning as a PBX
809-755-154	2	(J53129) - 608B PBX Switchboard
Addendum	1	
809-755-157	2	(J53132) - 608D PBX Switchboard — 608D Units

809-8 700 and 800 Series Private Branch Exchanges and Customer Switching Systems

700 Series PBXs

Addendum	1	
809-803-151	8	(J58831) - 701B and 711B PBXs
Addendum	1	
809-803-153	7	(J58837) - Equipment Units for Optional Service Features for 701B PBXs
809-803-180	8	Performance Requirements — 701- and 711-Type PBXs
809-804-150	4	(J58809) - 200 Point Line Finder Shelf Units and Single-Sided Line Finder Frames — For Use in 702A PBXs
Addendum	2	
809-804-151	15	(J32302) - Selector and 20-Capacity Selector Shelves — No. 1, 350A and 702A PBX Offices (also numbered 814-401-151)
Addendum	4	
809-804-152	14	(J32310) - Selectors and 3- and 10-Capacity Selector Shelves — No. 1, 350A, 355A, 35E97 and 702A PBX Offices (also numbered 814-401-150)
Addendum	1	
809-804-153	13	(J32311) - Connectors and Connector Shelves — No. 1, 350A, 355A, 35E97 and 702A PBX Offices (also numbered 814-435-150)
809-804-154	12	(J32312) - Miscellaneous Switches and Shelves — No. 1, 350A, 355A, 35E97 and 702A PBX Offices (also numbered 814-053-150)

Number	Issue	Subject
809-804-180	2	Performance Requirements — 702A PBX
Addendum	1	
809-815-150	6	(J58826) - 740E PBX — General Information
809-815-155	3	(J58816) - 740AX PBX
809-815-182	3	Performance Requirements — 740-Type PBX
Addendum	1	
809-819-150	4	(J58819) - 755A PBX Systems
809-820-150	11	(J58829) - 756A PBX
809-821-150	8	(J58838) — 757A PBX
809-822-150	5	(J58839) - 758A, 758B, and 758A/B PBXs — 4-Wire Lines
Addendum	1	
809-822-152	4	(J58845) — 758C
809-822-153	3	(J58863) — 758C PBX — 4-Wire Switching Network — On 11-Foot 6-Inch Frameworks
809-822-180	2	Performance Requirements — 758C PBX
809-824-151	4	(J58862) - 761B PBX — Hotel-Motel Service — Switching Cabinet Equipment
809-830-150	4	(J58876) - 770A PBX — Switching Cabinet Equipment
800 Series PBXs		
809-850-150	5	(J58849) — 800A PBX
Addendum	1	
809-850-151	6	(J58860) — 800A — Summarizing Specification
809-850-160	2	(J58872) — 801A
809-852-150	2	(J58873) — 805A PBX
809-855-150	2	(J58877) — 812A PBX
809-870-150	1	(J58871) — 850A PBX

Customer Switching Systems

809-875-151	2	PBX Systems — CSS 201VS — Description
809-875-152	2	BBX Systems — CSS 201L Description
809-875-153	1	Station Message Detail Recording Description PBX System

Division 811**Equipment Design and General Requirements and Engineering Information — Private Service Systems****811-0 Indexes and General****811-1 Alerting and Warning Systems****811-3 Switching Systems**

Number	Issue	Subject
811-0 Indexes and General		
Indexes		
811-000-000	34	Numerical Index — Division 811 — Equipment Design and General Equipment Requirements and Engineering Information — Private Service Systems
General		
811-010-180	2	Performance Requirements — Digital Data Transmitter Circuit — A1 Digital Data Signaling System
811-010-181	1	Performance Requirements — Digital Data Receiver Circuit — A1 Digital Data Signaling System
811-010-182	2	Performance Requirements — Parity Check Circuit — A1 Digital Data Signaling System
811-010-183	1	Performance Requirements — Matching and Error Counter Circuit — A1 Digital Data Signaling System
811-010-184	2	Performance Requirements — Word Generator Circuit, SD-1G005-01 — A1 Digital Data Signaling System
811-010-185	1	Performance Requirements — Miscellaneous Testing Circuit — A1 Digital Data Signaling System
811-010-186	2	Performance Requirements — Trouble Detector Circuit — A1 Digital Data Signaling System
811-010-187	1	Performance Requirements — Word Generator Circuit, SD-1G097-01 — A1 Digital Data Signaling System

Number	Issue	Subject
811-010-188	1	Performance Requirements — 4-Phase Digital Data Transmitter Circuit — A1 Digital Data Signaling System — (J1G000BF)
811-010-189	1	Performance Requirements — 4-Phase Digital Data Receiver Circuit — A1 Digital Data Signaling System — (J1G000BF)
811-012-151	4	(J1G006) - Air-Ground Voice Communication — Common User Group
811-012-180	1	Performance Requirements — Dual Facility at Direction Center or Tandem Point — Air-Ground Voice Communication System
811-012-181	1	Performance Requirements — Dual Facility at Radio Site — Air-Ground Voice Communication System
811-012-182	2	Performance Requirements — Common User Group — Air-Ground Voice Communication System
811-012-185	1	Performance Requirements — Restoration Panel for Restoring — Air-Ground and Data Trunks
811-014-150	1	(J1G007) - SC2 Selective Control System — Control and Signaling Equipment Units and Associated Equipment for Transmitting and Receiving Supervisory Signals
811-014-151	2	(J1G008) - Pulse Length Code Test Set — SC2 Selective Control System
811-014-152	1	(J1G009) - Dial Test Set for Checking Operation of Satellite and Monitor Station — SC2 Selective Control System
811-015-150	2	(J1G021) - 20A Signaling and Control System — Arranged for Inband Signaling
Addendum	1	
811-016-150	1	(J1G024) - Miscellaneous Equipment — 2-Digit to Dial Pulse Converter Unit — Signal Delay and Digit Storage Unit — 4 X 4 to Decimal Translator Unit — Echo Suppression and Anti-Sing Unit

Number	Issue	Subject
811-016-180	1	Performance Requirements — Signal Delay and Digit Storage Circuit and 2-Digit DC to Dial Pulse Converter Arranged for Use With Touch-Tone Receivers and SS1 or SSA1
811-017-150	3	(J1G023) - Data Conferencing Equipment for Use With 4-Wire CONUS AUTOVON Facilities
811-018-150	1	(J1G025) - SS2-Touch-Tone Selective Signaling System
811-019-150	2	(J1G027) - SS3 Touch-Tone Selective Signaling System
811-019-151	1	(J1G028) - Equipment Packages — SS3 Touch-tone Selective Signaling System
811-019-152	1	(J1G031) — SS3 Multiline Connecting Equipment
811-019-153	1	(J1G032) — SS3 Order Wire
811-021-150	3	(J1G033) — SS4 Selective Signaling System
811-021-151	2	(J1G034) — 4-Wire Private Line — Terminating System
811-021-152	1	(J1G037) — Off-Network Access Unit With SS4 Selective Signaling for 4-Wire Private Line Terminating and Station System
811-022-150	2	(J1G035) — Control and Display System
811-025-150	1	(J1G030) — 1A Protective Relaying Terminal — Facilities Serving Power Industry
811-026-150	2	(J1G036) — Modular Terminal Communication System

811-1 Alerting and Warning Systems

811-101-150	5	(J1G011) - SAC Primary Alerting System
811-101-151	2	(J1G010) - SAC Secondary Alerting Network — Supervised Automatic Signaling System — Control and Signaling Equipment Units for Transmitting and Receiving Supervisory Signals
811-101-152	4	(J1G026) - SAC — Main Operating Base Turret
811-102-150	4	(J1G012) - Command Post Alerting Network
811-104-150	2	(J1G019) - 10A Alerting System NORAD Attack Warning System — (NAWS)

Number	Issue	Subject
811-104-180	1	Performance Requirements — 10A Alerting System
811-120-150	2	(J1G018) - 1A Telephone Warning System
811-3 Switching Systems		
811-301-150	4	(J1G013) - Switching System No. 304
811-301-180	1	Performance Requirements — Switching System No. 304
Addendum	1	
811-302-150	4	(J1G015) - Switching System No. 305
Addendum	2	
811-303-150	2	(J1G017) - Switching System No. 306
811-303-180	1	Performance Requirements — Switching System No. 306
811-304-150	1	(J53037) - Switching System No. 307
811-304-151	1	(J1G016) - Switching System No. 307 — Station Arrangements — Data Set and Control Equipment
811-307-150	1	(J1G022) - Switching System No. 310
811-307-180	1	Performance Requirements — Switching System No. 310

Division 812**Equipment Design and General Requirements and Engineering Information — Station Systems****812-0 Indexes, General Information, and Miscellaneous Equipments****812-1 Key Equipments****812-2 Switching, Key Telephone, and Communications Systems****812-3 Station Test Equipment**

Number	Issue	Subject
812-0 Indexes, General Information, and Miscellaneous Equipments		
Indexes		
812-000-000	47	Numerical Index — Division 812 — Equipment Design and General Equipment Requirements and Engineering Information — Station Systems
812-002-002	1	Station Dial — 51B — Detailed Description
812-002-007	1	Station Dials — 43A — Detailed Description
812-002-008	1	Station Dials — 53A — Detailed Description
812-002-200	3	Private Line Service Terminations — Station Engineering Information
812-002-201	2	Private Line Service Terminations — Station Engineering Information — Uniform Service Order Codes (USOC) Index of Definitions and Applications
812-002-210	2	Private Line Service Terminations — Station Engineering Information (Tie Trunks and SS-3)
812-002-211	2	Private Line Service Terminations — Station Engineering Information — PBX Terminations (Foreign Exchange and Wide Area Telecommunications Service)

Number	Issue	Subject
812-002-215	2	Private Line Service Terminations — Station Engineering Information — Telephoto Station Arrangements
812-002-221	3	Private Line Service Terminations — Station Engineering Information — Station Equipment (Voice)
Addendum	1	
812-002-230	3	Private Line Service Terminations — Station Engineering Information — Station Equipment (Data-Voiceband)
812-002-231	2	Private Line Service Terminations — Station Engineering Information — Station Equipment (Data-Wideband)
812-002-250	3	Private Line Service Terminations — Station Equipment Information — Alternate Arrangements
812-002-270	2	Private Line Service Terminations — Station Engineering Information — Engineering Sketches and Signaling Devices
812-002-290	4	Private Line Service Terminations — Station Engineering Information — V4 Repeater — Mountings and Components

General Information and Miscellaneous Equipment

812-015-150	3	(J53008) - Unattended Station Equipment for Transmitting External Audible Signals Back to a Calling Party
812-015-155	2	(J53017) - 110A Key Equipment
812-015-170	2	Ringling Ranges and Ringling Bridge Limitations for Lines in Dial Offices
812-016-150	3	(J53019) - 600/1500 — Cycle Selective Signaling Equipment for 2- and 4-Wire Private Lines
Addendum	1	
812-016-155	1	(J53047) - SS1A Selective Signaling System — Pulsing Counting and Interdigital Control Circuit
812-017-150	1	(J53036) - 4-Wire Private Line Equipment

Number	Issue	Subject
Addendum	1	
812-017-151	3	(J53045) - 4-Wire Private Line Terminating and Station Equipment
812-019-150	1	(J53042) - Preempt-Precedence Wink Signal Test Set
812-021-150	1	(J53027) - Six Station Conference and Alarm Equipment
812-023-150	1	Customer-Owned Antique Decorator — Telephone Set Housings — Engineering Requirements
812-023-151	1	Station Dials — 51A — Detailed Description
812-025-150	4	(J53050) - Interconnecting Units

812-1 Key Equipments

812-101-150	6	(J53002) - 4A
812-102-150	4	(J53004) - 5A, 5B, 6A and 6B
812-106-150	7	(J53103) - 100 — Multiple Line
812-107-150	7	(J53005) - 101A and 101B
812-107-160	12	(J53009) - 102
812-108-150	2	(J53011) - 103A
812-109-160	2	(J53016) - 109A
812-110-151	3	(J53040) - 110A
812-110-160	3	(J53020) - 111A
Addendum	3	
812-111-150	10	(J53022) - 112A
812-111-151	3	(J53024) - 112A — Master Specification for SAGE Installations
812-111-152	3	(J53028) - 112A — Master Specification for SAC Bombardment Wing Control Center Installations
812-111-153	2	(J53025) - 112A — Master Specification for Missile Master Installations

Number	Issue	Subject
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812-2 Switching, Key Telephone, and Communications Systems
Switching Systems

812-205-150	7	(J53026) - No. 300
812-205-155	2	(J53032) - No. 301
Addendum	1	
812-205-156	3	(J53048) - No. 301A
812-205-160	2	(J53033) - No. 302
812-205-180	1	Performance Requirements — No. 300
812-206-150	2	(J53034) - No. 303
812-207-160	2	(J53041) - No. 309
812-248-150	1	(J53059) - 1A Industrial Communications System (ICS)

Key Telephone Systems

812-260-150	8	(J53007) - 1A
812-260-155	4	(J53021) - 1A1
812-262-150	3	(J53023) - 6A
812-275-150	1	(J53053) - 8A
812-275-151	1	(J53056) - E911 Customer Premises System
812-275-152	1	(J53060) - Customer Premises Equipment - Expanded 911 System Answering Point

Communication Systems

812-280-001	1	14A Call Management Information System
812-281-150	3	(J53038) - No. 3A
812-281-160	2	(J53061) - 16A Communications System—HORIZON®
812-282-150	4	(J53055) - 32A — HORIZON Communications System and HORIZON Call Management System

812-3 Station Test Equipment

812-300-150	1	(J53054) - Telephone Test Set for Field Turnaround
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Division 814**Equipment Design and General Requirements and Engineering Information — Step-By-Step Systems**

- 814-0 Indexes, General Information, and Miscellaneous Equipments**
- 814-1 Automatic Message Accounting**
- 814-2 Automatic Number Identification Equipments**
- 814-3 Common Control and Touch-Tone Equipments (Register Trunk and Link, Outpulsing Controller, Converters, Decoders, and Translators)**
- 814-4 Selectors, Finders, Rotary Switches, and Connectors**
- 814-5 Trunk and Repeater Equipments**
- 814-6 Test and Alarm Equipments**

Number	Issue	Subject
814-0 Indexes, General Information, and Miscellaneous Equipments		
Indexes		
814-000-000	41	Numerical Index — Division 814 — Equipment Design and General Equipment Requirements and Engineering Information — Step-by-Step Systems
General		
Addendum	2	
814-005-150	3	(J39206) - General Outline — No. 1 and 350A Offices
814-005-151	8	(J38805) - General Outline — No. 355A Office
814-005-152	3	(J39225) - General Outline — Common Control Facilities — No. 1, 350A and 355A Offices
814-005-153	4	(J38812) - General Outline — No. 356A Office
814-006-150	5	(J38809) - Line Frame and Associated Equipment Units — No. 356A Office
814-007-150	9	(J38801) - Equipment Frames and Units — No. 360A Office

Number	Issue	Subject
Addendum	3	
814-008-150	7	(J39210) - Western Electric Company Equipment for Additions to 35E97 Offices
814-009-150	2	(J39209) - Modification Procedures for Line Load Control and Associated Traffic Load Indicating Devices — No. 1, 350A, 355A, 360A and 35E97 Offices
814-011-170	2	7A Announcement System for Machine Intercept Service — Engineering Information
814-012-170	1	Line Number Method — Prepay Coin Control — No. 350A, 355A, 360A and 35E97 Offices — Engineering Information
814-013-150	3	(X61420) - Modification of Primary and Secondary Line Switch Equipment to Reduce Double Plunging of Line Switches and Spark Protection Equipment for Primary and Secondary Master Switch Wipers
814-013-170	1	Extension of Subscriber Loop Ranges — Engineering Information
814-014-170	2	Interoffice Trunk Ranges — Supervision and Pulsing Limits
814-020-180	4	Performance Requirements — No. 1, 350A, 355A, 356A and 360A Offices
814-020-181	2	Performance Requirements — Common Control Equipment
814-021-182	4	Detailed Inspection Procedures — Central Office and PBX Equipment

Miscellaneous Frames

Addendum	1	
814-025-150	10	(J32602) -Traffic Register Rack — No. 1 and 350A Offices
814-026-150	7	(J93005) - Plugging-Up Frame — Central "A" Switchboard Office

Miscellaneous Equipments

Addendum	2	
814-050-151	15	(J33017) - Miscellaneous Relay Rack Units — 2- by 23-inch Mounting Plates

Number	Issue	Subject
Addendum	1	
814-050-152	8	(J91104) - Relay Rack Equipment — For 13C, 13D, 15C, and 15D Switchboards — No. 1 and No. 5 Crossbar Panel, No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 815-075-152, 150)
814-050-153	7	(J91101) - Relay Rack Equipment — For 15C and 15D "A" Switchboards
814-052-150	10	(J32307) - Repeater Units, Frames, and Shelves — No. 1, 350A, 355A, and 702A PBX Offices
814-053-150	12	(J32312) - Miscellaneous Switches and Shelves — No. 1, 350A, 355A, 35E97, and 702A PBX Offices (also numbered 809-804-154)
Addendum	1	
814-054-150	2	(J33011) - Emergency Manual Equipment
814-055-150	3	(J39202) - Line Busy Recorder
814-056-150	2	(J32009) - Permanent Signal Finder and Associated Units
Addendum	1	
814-058-150	2	(J34901) - Trunk Group Usage Equipment — No. 1 and 350A Offices

814-1 Automatic Message Accounting

814-100-150	2	(J39215) - General Outline — No. 1 Office
814-100-151	4	(J39220) - General Outline — (CAMA) — Intertoll Dialing Office
814-100-170	3	General — Centralized Automatic Message Accounting — Intertoll Dialing Office — Engineering Information
814-100-180	4	Performance Requirements — No. 1 Office
814-100-181	1	Performance Requirements — (CAMA) — Intertoll Dialing Office
Addendum	1	
814-105-150	3	(J37903) - Sender Frame (AMA) — No. 1 Office

Number	Issue	Subject
814-105-151	4	(J37902) - Sender Frame — Supplementary Connector Bay For Modified Automatic Ticketing Sender Frames — No. 1 Office
814-105-152	2	(J38205) - Sender-Trunk Connector Frame — No. 1 Office
814-105-153	4	(J38201) - Trunk Finder-Sender Trunk Connector Frame — And Supplementary Sender Trunk Connector Frame — No. 1 Office
Addendum	1	
814-105-154	2	(J32101) - Sender-Transverter Connector Frame — No. 1 Office
814-105-155	6	(J38902) - Sender Frame and Multifrequency Receiver Frame — (CAMA) — Intertoll Dialing Office
814-106-150	5	(J38903) - Decoder Frame, Route Relay Frame and Foreign Area Translator Frame — (CAMA) — Intertoll Dialing Office
Addendum	2	
814-106-151	5	(J99301) - PBX AIOD Translator and Connector Equipment — Automatic Message Accounting or Automatic Number Identification
Addendum	1	
814-106-152	2	(J38914) - Pretranslator and Pretranslator Connector Frame — (CAMA) — Intertoll Dialing Office
Addendum	1	
814-107-150	3	(J32401) - Transverter Frame — No. 1 Office
Addendum	1	
814-107-151	3	(J38904) - Transverter Frame — (CAMA) — Intertoll Dialing Office
Addendum	3	
814-108-150	4	(J38813) - Identifier Frame and Associated Translator — Dynamic Overload Control Units — No. 1 Office
Addendum	1	
814-108-151	2	(J38206) - Identifier Trunk Connector Frame — No. 1 Office
Addendum	1	
814-109-150	5	(J37801) - Thousands-Number Frame — No. 1 Office
Addendum	1	
814-110-150	5	(J37802) - Common Number and Class Frame — No. 1 Office

Number	Issue	Subject	Number	Issue	Subject
814-111-150	4	(J38203) - Code Connector Frames — No. 1 Office	Addendum	2	
Addendum	1		814-117-151	11	(J22451) - Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 816-106-150, 817-105-150, 150)
814-112-150	6	(J38907) - Connector and Position Link Frames — (CAMA) — Intertoll Dialing Office	Addendum	2	
Addendum	2		814-118-150	8	(J21350) - CAMA Switchboard (also numbered 817-101-150, 818-102-150, and 819-101-150)
814-113-150	5	(J38912) - Call Identity Indexer Frame and Units — (CAMA) — Intertoll Dialing Office	814-119-150	3	(J38814) - Outputter and Outputter- Identifier — Connector Frames — (AMA) — No. 1 Office
Addendum	2		Addendum	2	
814-113-151	10	(J22151) - Call Identity Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem — No. 4 Type Toll Switching	814-130-150	3	(J38910) - Miscellaneous Relay Rack Units — (CAMA) — Intertoll Dialing Office
Addendum	1				
814-114-150	3	(J38906) - Incoming Register and Link Frame — (CAMA) — Intertoll Dialing Office			
Addendum	3				
814-115-150	4	(J38908) - Recorder Frame — (CAMA) — Intertoll Dialing Office	814-2 Automatic Number Identification Equipments		
Addendum	1		814-200-180	4	Performance Requirements — Automatic Number Identification — Type B
814-115-151	12	(J22462) - Recorder Frames — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 120-150, 818-108-150, and 819-114-150)	814-200-181	1	Performance Requirements — Type C — No. 1, 350A, 355A, and 35E97 Offices
814-116-150	12	(J22456) - Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment — Billing Data Transmitter Frame — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching (also numbered 816-107-150, 817-121-150, 818-111-150, and 819-115-150)	814-201-150	6	(J95105) - Identifier Frame — Type B — No. 1 Crossbar, Panel, and Step-by-Step Systems (also numbered 815-300-150 and 816-201-150)
Addendum	2		814-202-150	8	(J95109) - Number Network, "X" Number Network, and Miscellaneous Number Network Frames — Type B — No. 1 Crossbar, Panel, and Step-by-Step Systems (also numbered 815-303-150 and 816-203-150)
814-117-150	3	(J38909) - Master Timing Frame — (CAMA) — Intertoll Dialing Office	Addendum	3	
			814-203-150	2	(J38941) - Number Network and Identifier Frames — Type C — No. 1, 350A, 355A, and 35E97 Offices
			814-204-150	9	(J95107) - Outputter Frame — Type B — No. 1 Crossbar, Panel, and Step-by-Step Systems (also numbered 815-301-150 and 816-204-150)

Number	Issue	Subject	Number	Issue	Subject
Addendum	3		□ 814-401-150	14	(J32310) - Selectors and 3- and 10-Capacity Selector Shelves — No. 1, 350A, 355A, 35E97, and 702A PBX Offices (also numbered 809-804-152) NOTE: Replaced by 809-804-152
814-204-151	5	(J38942) - Outpulser and Test Frame — Type C — No. 1, 350A, 355A, and 35E97 Offices	□ 814-401-151	15	(J32302) - Selector and 20-Capacity Selector Shelves — No. 1, 350A and 702A PBX Offices (also numbered 809-804-151) NOTE: Replaced by 809-804-151
814-205-150	5	(J99250) - Line Verification and Miscellaneous Relay Rack Equipment — Type B	814-402-150	9	(J38806) - Selector Repeaters — 10- and 20-Capacity Selector Repeater Shelves
814-206-150	3	(J38950) - Type D — No. 1, 350A, 355A, or 35E97 Offices			
814-207-150	1	(J38951) - Type E — No. 1 Step-by-Step With AMA			
814-3 Common Control and Touch-Tone Equipments (Register Trunk and Link, Outpulsing Controller, Converters, Decoders, and Translators)			Finders		
814-300-150	8	(J38934) - Register Trunk and Link Frames — Common Control	814-410-170	1	200-Point Line Finder and Trunk Finder Equipments — No. 1, 350A, 355A and 35E97 Offices — Engineering Information
814-310-150	5	(J38921) - Originating Register and Outpulsing Controller Frame — Common Control	Addendum	3	
814-320-150	7	(J33024) - Converter Frame	814-411-150	10	(J32006) - 100 and 200 Point Line Finders — 10-, 16-, and 20-Capacity Line Finder Shelves — Control and Lockout Features — No. 355A Offices
814-321-150	2	(J38922) - Touch-Tone Converter Frame — Common Control	814-412-150	12	(J32001) - 200-Point Line Finders — 16-, 20- and 30-Capacity Line Finder Shelves — No. 1 and 350A Offices
814-322-150	1	(J38936) - Converter and Link Frame — Touch-Tone Type D	Addendum	2	
814-322-151	1	(J38937) - Converter and Link Frame Touch-Tone Type E	814-413-150	8	(J32007) - 200-Point Line Finders — 20- and 30-Capacity Line Finder Shelves — No. 1, 350A, 355A, and 35E97 Offices
Addendum	1		Addendum	2	
814-330-150	5	(J38925) - Translator and Decoder Frame — Supplementary Decoder Frame — Decoder Route Relay Frame and Foreign Area Translator Frame — Common Control	814-414-150	10	(J32004) - Trunk and Converter Finders and 10-Capacity Finder Shelves — No. 1, 350A, 355A, and Intertoll Dialing Offices
Addendum	1		814-415-150	11	(J32003) - Trunk Finders, Switch Frame, Intercepting Trunk, and 4-, 6-, 10-, 16-, and 20-Capacity Finder Shelves
814-330-151	2	(J38924) - Translator and Decoder Connector Frames — Common Control	Addendum	1	
814-4 Selectors, Finders, Rotary Switches, and Connectors			814-415-151	6	(J32008) - Trunk Finders — Switch Frame, Intercepting Trunks and 20-Capacity Trunk Finder Shelves
Selectors					
814-400-150	6	(J32313) - Multipling of Trunks From Selector Levels			
814-400-170	1	Digit-Absorbing Selectors — Engineering Information			

Number	Issue	Subject
Rotary Switches		
814-425-150	7	(J33020) - Subscriber Rotary Line Switch and 22-Point Line or Trunk Finder — Relay Rack Units
814-426-150	12	(J33001) - 3- or 4-Wire Rotary Out-Trunk Switch Units — No. 1, 350A, 355A, and 35E97 Offices
Addendum	1	
814-427-150	5	(J33010) - 5-Wire Rotary Out-Trunk Switch Units — No. 1 Office With AMA
Connectors		
□ 814-435-150	13	(J32311) - Connectors and Connector Shelves — No. 1, 350A, 355A, and 35E97, and 702A PBX Offices NOTE: Replaced by 809-804-153

814-5 Trunk and Repeater Equipments

Trunk Equipment		
814-501-150	5	(J38901) - Incoming Trunk Frame — Intertoll Dialing Office — (CAMA)
Addendum	2	
814-505-150	5	(J33902) - Outgoing Trunk Frame — (AMA) — No. 1 Office
814-506-150	7	(J38923) - Outgoing Trunk Frames — (ANI — Type B and C and Non-CAMA) — Common Control
Addendum	1	
814-507-150	8	(J38943) - Trunk Frames (ANI-Type B and C)
814-507-151	10	(J95108) - Trunk Frames — Automatic Number Identification— Type B No. 1 Crossbar and Panel (also numbered 815-302-150 and 816-207-150)
814-508-150	1	(J33028) - Outgoing Trunk Frame — (OGT to No. 1 ESS™ in Same Building)

Number	Issue	Subject
814-509-150	4	(J38815) - Outgoing Trunk and Output Connector Frame — No. 1 Office With AMA
Addendum	1	
814-510-150	2	(J33903) - Coin Zone Outgoing Trunk Frame — (AMA) — No. 1 Office
814-510-151	4	(J99256) - Concentrating Frame — For Coin Zone Trunk Units
Addendum	1	
814-520-150	13	(J33013) - One-Way Interoffice Trunks — Relay Rack Units
814-521-150	7	(J33014) - 2-Way Interoffice Trunks — Relay Rack Units
□ 814-522-150	6	(J61401) - Miscellaneous Intertoll Trunks and Associated Equipments — Relay Rack Units NOTE: Replaced by 804-001-152
814-523-151	12	(J33015) - Coin and Message Register Trunks and Auxiliary Trunk and Line Circuit Units — Relay Rack Units — (2- by 23-Inch Mounting Plates)
814-524-150	10	(J33016) - Intercepting Trunks for Manual or Machine Intercepting
814-525-150	5	(J33025) - Converter Trunk Frame
814-526-150	1	(J33029) - Intercept Trunk Frame for AIS With ANI Type C or D — No. 1, 350A, 355A, or 35E97 Offices
Addendum	2	
814-527-150	1	(J33030) - Local Directory Assistance Trunk Frames for 411 Services (ANI Type B, C and D) — No. 1, 350A, 355A or 35E97 Offices
814-528-150	1	(J33031) - Selector Trunk Frame for Busy Line Verification — No. 1 or 350A Office
Repeater Equipment		
814-540-150	6	(J33019) - Repeaters, Pulse Correcting Repeaters and Incoming Trunks — Relay Rack Units

Number	Issue	Subject	Number	Issue	Subject
814-6 Test and Alarm Equipments					
Test Frames and Units					
814-600-150	9	(J93403) - Trouble Ticketer Frame — Automatic Number Identification-Type B (also numbered 815-408-150 and 816-206-150)	814-609-152	4	(J34307) - Remote Office Test Line-3 — No. 1, 350A, 355A, 35E97 or Intertoll Dialing Office or 701B PBX Office
Addendum	1		814-609-180	1	Performance Requirements for Expanded Remote Office Test Line (ROTL-2)
814-601-150	3	(J34102) - Trouble Recorder Frame — (AMA) — No. 1 Office	814-610-150	4	(J38935) - Trunk and Outpulser Test Frame (AMA) — No. 1 Office
814-602-150	8	(J38911) - Trouble Ticketer and Test Frame — (CAMA) — Intertoll Dialing Office	Addendum	1	
Addendum	1		814-620-150	5	(J33021) - Dial and Ringer Test Units — No. 1 and 350A Offices
814-602-151	4	(J38927) - Manual Test and Trouble Ticketer Frame — Common Control	Addendum	2	
Addendum	1		814-621-150	10	(J34709) - Miscellaneous Test Line Units and Jack Equipments — No. 1, 350A, 360A, and 702A PBX Offices
814-603-150	5	(J38929) - Automatic Test Frame — Common Control	□ 814-622-150	3	(J33018) - Miscellaneous Test Units Associated With Local Test Desks No. 12C and 14 — Local Test Cabinet No. 3 and Repair Service Desk No. NOTE: Replaced by 804-001-152
Addendum	2				
814-604-150	3	(J34302) - Automatic Trunk Test Frame — AMA — No. 1 Office	Test Sets		
814-604-151	4	(J34304) - Automatic Outgoing Trunk Test Frame — No. 1 and 350A Offices	□ 814-630-150	6	(J34728) - Automatic Call Thru Test Set — (Box Type) — For Testing of Switch Trains NOTE: Replaced by 809-259-150
Addendum	1		Addendum	1	
814-605-150	5	(J34303) - Manual Outgoing Trunk Test Frame	814-631-150	3	(J34727) - Test Set — (Box Type) — Common Control
814-606-150	5	(J33302) - Sender-Identifier-Transverter Test Frame and Line Verification Unit — (AMA) — No. 1 Office	814-632-150	1	(J38913) - CAMA Test Set — (Box Type) — Intertoll Dialing Office
814-607-150	10	(J93402) - Outpulser-Identification-Trunk Test Frames — Automatic Number Identification-Type B (also numbered 815-409-150 and	814-633-150	4	(J34701) - Test Set — (Box Type) — 355A and 35E97 Offices
814-608-150	5	(J33601) - Line Insulation Test Frame — No. 1 and 350A Offices	814-634-150	4	(J33026) - Converter Test Set — (Box Type)
Addendum	1		□ 814-635-150	3	(J34715) - Line Finder and Trunk Finder Test Set — (Box Type) — Individual, 2-Party Message and Flat Rate Lines NOTE: Replaced by 809-804-153
814-609-150	2	(J34305) - Remote Office Test Line Equipment — No. 1, 350A, 355A, 360A, and 35E97 Offices			
Addendum	1				
814-609-151	2	(J34306) - Remote Office Test Line-2 Equipment — No. 1, 350A, 355A, 35E97 or Intertoll Dialing CAMA Office			

Number	Issue	Subject	Number	Issue	Subject
814-635-151	4	(J34718) - Line Finder and Trunk Finder Test Set — (Box Type) — Individual Message and Flat Rate Lines	814-641-150	3	(J34717) - Pulsing Test Set — (Box Type)
814-636-150	5	(J34721) - Rapid Operation Line Finder and Outgoing Repeater Test Set — (Box Type)	814-641-151	4	(J34720) - Pulse Repeating Test Set — (Box Type) — For Testing Repeater "A" Relays
814-637-150	1	(J34730) - Trunk Test Set For Testing Multifrequency Pulsing Non-CAMA Outgoing Trunk Arranged For Timed Disconnect — (Box Type) — Common Control	814-642-150	3	(J34726) - Auxiliary Test Set — (Box Type) — For Testing B, C, and F Relays of Line Finders — No. 1 Office
□ 814-637-151	6	(J94710) - Trunk Test Set — (Box Type) NOTE: Replaced by 804-910-150	814-643-150	5	(J34724) - Message Ticketer Test Set — (Box Type)
814-638-150	8	(J34722) - Connector, Selector and Trunk Test Set — Noncoin — (Box Type) — No. 355A, 356A, and 35E97 Offices	814-644-150	1	(J34731) - Trunk Test Set for ANI-Type D (Portable Box Type)
□ 814-638-151	5	(J94704) - Line Finder, Selector, and Connector Test Set — (Box Type) — No. 350A and 360A Offices and 701A, 701B, 702A, 711A and 711B PBXs NOTE: Replaced by 809-258-151	814-644-151	1	(J34732) - Local Directory Assistance Test Set (Portable Box Type) for Use With ANI-Type B, C, or D
814-639-150	4	(J34719) - Connector Test Set — (Box Type)	814-644-152	1	(J34733) - AIS Outgoing Trunk Test Set for ANI-Type C or D (Portable Box Type)
814-640-150	3	(J34725) - Register Test Set — (Box Type) — No. 1, 350A, 355A, and 356A Offices	814-645-150	1	(J34734) - Converter Tests Set for Touch-Tone Type E (Portable Box Type)
814-640-151	5	(J34706) - Register Test Set — (Box Type)	Alarm Equipments		
			814-675-150	12	(J38304) - No. 1, 350A Dial Offices and 702A PBX Offices (also numbered 809-250-150)
			814-676-150	6	(J33022) - Maintenance Alarm Bay and Alarm Equipments — No. 355A Offices
			814-676-151	2	(X61383) - Office Alarm Equipment or Additions of 11'-6" Frames to 9' Frame Offices in Which an Alarm Rack Is Installed

Division 816**Equipment Design and General Requirements and Engineering Information — No. 1 Crossbar System****816-0 Indexes and General Information****816-1 Automatic Message Accounting Equipments****816-2 Automatic Number Identification Equipments****816-3 Connector and Marker Equipments****816-4 Junctor and Link Equipments****816-5 Sender and 6-Digit Translation Equipments****816-6 Test Equipment and Trouble Indicator Equipment****816-7 Trunk and Zone Equipments**

Number	Issue	Subject
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816-0 Indexes and General Information

816-000-000	14	Numerical Index — Division 816 — Equipment Design and General Equipment Requirements and Engineering Information — No. 1 Crossbar System
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General

816-005-100	2	Equipment Nomenclature
816-006-180	3	Central Office Equipments — Detailed Inspection Procedures
Addendum	1	
816-007-181	4	Central Office Equipments — Performance Requirements
816-008-150	1	(J29258) - Requirements Applying to Small Offices
816-009-200	3	(J29254) - Installation of Additions to Central Offices
Addendum	1	
816-010-150	3	(J29255) - Office Junctor Redistribution Procedures for the Installation of Additions to Central Offices
816-011-150	3	(J29256) - Line Junctor Redistribution Procedures for the Installation of Additions to Central Offices

Number	Issue	Subject
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816-012-150	1	(J29252) - Centralized "A" and "B" Switchboard Equipment — Engineering Information
816-014-180	1	Procedure for Making Cutover Preparation Tests During Installation Load Test

Cabling and Wiring

816-015-150	6	(J20150) - Switchboard Power Cabling of Miscellaneous Wiring of Major Frames
816-016-150	5	(J20151) - Limiting Resistance of Leads Between Frames and Units

Miscellaneous Frames and Relay Rack Equipments

816-020-150	2	(J27058) - Line Distributing Frame
816-021-150	2	(J27057) - Message Register Distributing Frame
Addendum	1	
816-022-150	7	(J22750) - Office Interrupter Frame
Addendum	2	
816-023-150	13	(J28351) - Floor Alarm Frame for Use in Offices with No. 301C Power Plants
816-024-150	8	(J23051) - Miscellaneous Frame Equipment
Addendum	1	
816-025-150	4	(J27050) - Message Register Rack (Unit Type) and Message Timing Frame
816-026-150	10	(J23052) - Relay Rack Equipment
Addendum	1	
816-027-150	11	(J23066) - Auxiliary Relay Rack Mounted Equipment — Crossbar Tandem System (also numbered 817-041-150)
□ 816-028-150	8	(J91104) - Relay Rack Equipment — For 13C, 13D, 15C, and 15D Switchboards — No. 1 and No. 5 Crossbar Panel, No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 814-050-152, 150) NOTE: Replaced by 814-050-152

Number	Issue	Subject	Number	Issue	Subject
☐ 816-028-151	7	(J91101) - Relay Rack Equipment — For 15C and 15D "A" Switchboards NOTE: Replaced by 814-050-153	Addendum	1	
816-029-150	4	(J91103) - 15D "A" Switchboard	816-102-150	2	(J22450) - Calling Line Register Frame
Addendum	1		816-103-150	3	(J22150) - District Group Connector Frame
816-030-150	1	(J25151) — Multifrequency Pulsing — Receiver Frame	816-104-100	3	(J22457) - General — Operating and Equipment Features
			816-105-150	4	(J22455) - Maintenance Recorder Frame
			☐ 816-106-150	11	(J22451) - Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 814-117-151, 817-105-150, 150)
Miscellaneous Equipments			816-107-150	12	(J22456) - Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment (also numbered 814-116-150,
816-040-150	6	(J25551) - End Guards, Aisle Pilot Lamp Supports, Distributing Power Terminal Strip Supports, Record Books and Holders, Spare Fuse Mountings, and Print Display Boards			
Addendum	1		☐ 816-108-150	12	(J22462) - Recorder Frames — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 120-150, 818-108-150, and 819-114-150) NOTE: Replaced by 814-115-151
816-042-150	3	(J21556) - Number Checking Equipment	816-109-150	6	(J22460) - Translator Frame
Addendum	1		☐ 816-109-151	5	(J99301) - PBX AIOD Translator and Connector Equipment — Automatic Message Accounting or Automatic Number Identification NOTE: Replaced by 814-106-151
816-043-150	5	(J27059) - Traffic Register Equipment Using 300-Capacity Traffic Register Cabinet	816-110-150	3	(J22152) - Transverter Connector Frame
Addendum	1		Addendum	1	
816-044-151	9	(J27054) - Traffic Register Equipment Using 400-Capacity Traffic Register Rack	816-110-151	7	(J22463) - Transverter Frame
816-045-150	4	(J99230) - Modification Requirements for Line Load Control and Associated Traffic Load Indicating Devices	Addendum	1	
816-060-180	2	Inspection Requirements — Vertical Drive Shafts and Associated Apparatus	816-110-152	6	(J22453) - Transverter Trouble Indicator Frame
			Addendum	1	
			816-111-150	1	(J22476) - AMA Translator Line Verification Test Circuit Equipment Units
816-1 Automatic Message Accounting Equipments					
Addendum	1				
816-100-150	2	(J22472) - Auxiliary Transverter Link Frame			
☐ 816-101-150	10	(J22151) - Call Identity Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem — No. 4 Type Toll Switching NOTE: Replaced by 814-113-151			

Number	Issue	Subject
816-2 Automatic Number Identification Equipments		
❑ 816-200-180	4	Performance Requirements — Type B NOTE: Replaced by 814-200-180
❑ 816-201-150	6	(J95105) - Identification Frame — Type B — No. 1 Crossbar, Panel, and Step-by- Step Systems (also numbered 814-201-150 and 815-300-150)
❑ 816-202-150	5	(J99250) - Line Verification and Miscellaneous Relay Rack Equipment — Type B NOTE: Replaced by 814-205-150
❑ 816-203-150	8	(J95109) - Number Network "X" Number Network, and Miscellaneous Number Network Frames — Type B — No. 1 Crossbar, Panel, and Step-by-Step Systems (also numbered 814-202-150 and 815-303-150) NOTE: Replaced by 814-202-150
❑ 816-204-150	9	(J95107) - Outpulser Frame — Type B — No. 1 Crossbar, Panel, and Step-by-Step Systems (also numbered 814-204-150 and 815-301-150) NOTE: Replaced by 814-204-150
❑ 816-205-150	10	(J93402) - Outpulser-Identifier-Trunk Test Frames — Type B NOTE: Replaced by 814-607-150
❑ 816-206-150	9	(J93403) - Trouble Ticketer Frame — Type B NOTE: Replaced by 814-600-150
❑ 816-207-150	10	(J95108) - Trunk Frames — Type B (also numbered 814-507-151 and 814-507-150) NOTE: Replaced by 814-507-151

816-3 Connector and Marker Equipments**Connector Equipments**

Addendum	1	
816-300-150	5	(J27851) - Line Choice Connector Frame and Line Junctor Connector Frame

Addendum	1	
816-301-150	8	(J27852) - Number Group Connector Frame, Block Relay Frame and Relay Rack Mounted Direct Access Pretranslator Connector Equipment
Addendum	2	
816-302-150	6	(J28750) - Originating Marker Connector Frame
816-303-150	4	(J21555) - Sender Test Connector Frame
816-304-150	6	(J28850) - Terminating Marker Connector Frames
Addendum	1	
816-305-150	1	(J28158) - Outgoing Sender Connector Frame and Associated Equipment Units

Marker Equipments

Addendum	1	
816-350-150	12	(J28751) - Originating Marker Frame
816-351-150	9	(J28853) - Terminating Marker Frame

816-4 Junctor and link equipments**Junctor Equipments**

816-400-150	9	(J27551) - District or Auxiliary District Junctor Frame
816-401-150	5	(J27053) - District Junctor Grouping Frame
Addendum	1	
816-402-150	4	(J27052) - Office Junctor and Line Junctor Grouping Frames

Link Equipments

❑ Addendum	2	
❑ 816-425-150	5	(J95104) - Auxiliary Sender Link Frame and Auxiliary Sender Link Extension Frame
816-426-150	5	(J27552) - District Link Frame
Addendum	1	
816-427-150	6	(J27752) - Incoming Link and Incoming Extension Frames
Addendum	3	
816-428-150	6	(J21551) - Key pulsing Sender Link Frame or Coin Supervisory Link Frame

Number	Issue	Subject	Number	Issue	Subject
816-429-150	8	(J27450) - Line Link Frame	Addendum	1	
Addendum	1		816-560-150	1	(J22475) - Line Link Pulsing Translator Frame
816-430-150	8	(J27650) - Office Link and Office Extension Frames	816-6 Test Equipment and Trouble Indicator Equipment		
816-431-150	10	(J27550) - Subscriber or Auxiliary Subscriber Sender Link Frame	Test Equipments		
816-432-150	7	(J27750) - Terminating Sender Link Frame	816-600-150	13	(J27553) - District Junctor Test Frame
Addendum	1		Addendum	2	
816-433-150	1	(J27557) - Outgoing Sender Link Frame for Use With Line Link Pulsing	816-601-150	12	(J27753) - Incoming Trunk Test Frame and Incoming Trunk Test Connector Frame (also numbered 817-701-150)
816-5 Sender and 6-Digit Translation Equipments			816-601-152	2	(J24004) - Recorder Frame
Sender Equipments			816-601-153	1	(J28555) - Remote Office Test Line — Crossbar Tandem and No. 1 Crossbar Switching System (also numbered 817-701-154)
Addendum	1		Addendum	2	
816-500-150	6	(J95103) - Auxiliary Sender Frame Auxiliary Sender Equipment for Direct Distance Dialing — Engineering Information	816-601-154	13	(J67447) — Automatic Outgoing Intertoll Trunk Test and Connector Frames — Automatic Transmission Test and Control Frames — Teletypewriter Frame — Floor Model 28-Type Teletypewriter — No. 4 Type Toll Switching Systems, Crossbar Tandem Switching System (also numbered 817-706-150 and 818-706-150)
816-500-180	1	Auxiliary Sender and Auxiliary Sender Link Circuit — Performance Requirements	Addendum	1	
816-502-150	14	(J27951) - Originating Sender Frame	816-602-150	4	(J23651) - Line Insulation Test Frame
Addendum	1		Addendum	1	
816-503-150	19	(J27950) - Sender Make-Busy Frame	816-603-150	12	(J27952) - Originating Sender Test Frame
816-504-150	2	(J28052) - Sender and Position Finder Frame for Use With a Central "B" Switchboard	816-604-150	18	(J28550) - Outgoing Trunk Test Frame (also numbered 817-700-150)
Addendum	2		□ 816-605-150	7	(J93005) - Plugging-Up Frame — Central "A" Switchboard Office NOTE: Replaced by 814-026-150
816-505-150	13	(J28050) - Terminating Sender Frame	Addendum	3	
816-506-150	3	(J27977) - Outgoing Sender Frame and Automatic Intercept Service Frame	816-606-150	11	(J28051) - Terminating Sender Test Frame
6-Digit Translation Equipments					
816-550-150	2	(J95112) - Translator Connector, and Route Grouping Frames			
Addendum	1				
816-551-150	3	(J95111) - Code Compressor and Connector Frames and Subscriber Sender Recycle Frame			

Number	Issue	Subject	Number	Issue	Subject
816-607-150	6	(J21554) - Zone Registration Test Frame	816-7 Trunk and Zone Equipments		
816-608-150	3	(J24751) - Incoming Trunk Test Set (Wagon Type)	Addendum	2	
816-609-150	1	(J27060) - Key Pulsing Set for Establishing Connections to Subscriber Lines by MF Key Operation	816-700-150	6	(J27751) - Incoming Trunk Frames for Use With 100-Trunk Capacity Incoming Link Frames Permanent Signal Holding and Concentrating Arrangements — Engineering Information
Addendum	1		Addendum	1	
816-610-150	4	(J24750) - Message Register Test Set (Box Type)	816-702-150	6	(J28650) - Regular, Auxiliary, and Supplementary Incoming Trunk Frames for Use With 160-Trunk Capacity Incoming Link Frames
□ 816-610-151	5	(J34724) - Message Ticketer Test Set — (Box Type) NOTE: Replaced by 814-643-150	816-703-150	1	(J21557) - Coin Supervisory — Concentrator and Trunk Equipment
816-611-150	3	(J24758) - Trunk Test Set — LAMA, ANI, Operator Assistance Special Toll Trunks — Coin or Noncoin	816-720-150	4	(J99256) - Concentrating Frame — For Coin Zone Trunk Units (J99229) - Dial Coin Zone Trunk Frame
Addendum	1		816-722-150	4	(J21553) - Zone Registration Equipment
816-612-150	2	(J94721) - Coin Zone Trunk Test Set — (Box Type)			
Addendum	1				
816-613-150	1	(J22477) - Direct Inward Dialing — Test Frame			
Trouble Indicating Equipment					
Addendum	2				
816-620-150	5	(J23251) - Controller Trouble Indicator Frame			
816-621-150	17	(J28752) - Originating Trouble Indicator Frame			
816-622-150	13	(J28854) - Terminating Trouble Indicator Frame			

Division 817**Equipment Design and General Requirements and Engineering Information — Tandem Crossbar System****817-0 Indexes and General Information****817-1 Automatic Message Accounting Equipments****817-2 Link, Junctor, and Connector Equipments****817-3 Sender, Marker, and Translator Equipments****817-5 Traffic Service Position and Data Equipments****817-6 Trunk Equipments****817-7 Test and Alarm Equipments**

Number	Issue	Subject
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817-0 Indexes and General Information**Indexes**

817-000-000	17	Numerical Index — Division 817 — Equipment Design and General Equipment Requirements and Engineering Information — Tandem Crossbar System
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General

817-010-100	9	(J29253) - General Outline — Operating and Equipment Features
817-013-180	9	Performance Requirements
817-014-180	3	Detailed Inspection Procedures
817-016-170	2	(J29268) - Provision of ANI Operation in CAMA Offices — Modification Procedures
817-018-150	3	(J29255) - Office Junctor Redistribution Procedures for the Installation of Additional Trunk and Office Link Frames

Cabling and Wiring

817-035-150	2	(J20152) - Switchboard Power Cabling — Miscellaneous Wiring of Major Frames
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Number	Issue	Subject
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817-036-150	3	(J20156) - Limiting Conductor Lengths Between Frames and Units
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Miscellaneous Frames and Relay Rack Equipments

□ 817-040-150	10	(J23052) - Relay Rack Equipment NOTE: Replaced by 816-026-150
□ Addendum	1	
817-041-150	11	(J23066) - Auxiliary Relay Rack Mounted Equipment — (also numbered 150)
817-042-150	7	(J22750) - Office Interrupter Frame
Addendum	1	
817-043-150	3	(J28762) - Group-Busy Frame
□ 817-044-150	1	(J25151) - Multifrequency Pulsing — Receiver Frame NOTE: Replaced by 816-030-150
817-045-150	4	(J27050) - Message Register Rack (Unit Type) and Message Timing Frame
817-047-150	3	(J22653) - Traffic Supervisory Cabinet
817-048-151	3	(J99324) - Announcement Frame — No. 5A Announcement System

Miscellaneous Equipments

□ 817-060-150	6	(J25551) - End Guards, Aisle Pilot Lamp Supports, Distributing Power Terminal Strip Supports, Record Books and Holders, Spare Fuse Mountings and Print Display Boards NOTE: Replaced by 816-040-150
817-062-150	4	(J92608) - Sender Attachment Delay Equipment (also numbered)
□ Addendum	1	
817-064-150	5	(J27059) - Traffic Register Equipment Using 300-Capacity Traffic Register Cabinet
□ Addendum	1	
□ 817-064-151	9	(J27054) - Traffic Register Equipment Using 400-Capacity Traffic Register Rack NOTE: Replaced by 816-045-151

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		Addendum	1	
817-065-150	1	(J27061) - Point-to-Point Data Recorder Frame	817-112-151	4	(J22154) - Transverter Connector Frames
□ 817-070-180	2	Inspection Requirements — Vertical Drive Shafts and Associated Apparatus NOTE: Replaced by 816-060-180	□ 817-120-150	12	(J22462) - Recorder Frames — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 108-150, 818-108-150, and 819-114-150) NOTE: Replaced by 814-115-151
817-1 Automatic Message Accounting Equipments					
817-100-170	2	Centralized AMA — Operator Identified	□ 817-121-150	12	(J22456) - Perforator Cabinet — Perforator and Reader Cabinet — Call Count Processor Control Register Equipment — Billing Data Transmitter Frame — No. 1, No. 5 and Tandem Crossbar, No. 4 Type Toll Switching, and Step-By-Step Systems (also numbered 814-116-150, 816-107-150, 818-111-150, and 819-115-150) NOTE: Replaced by 814-116-150
817-101-150	8	(J21350) - CAMA Switchboard (also numbered 814-118-150, 818-102-150, and 819-101-150) NOTE: Replaced by 814-118-150			
817-102-150	3	(J1P004) - Computerized Recording — Automatic Message Accounting — CAMA-C (also numbered 818-114-150)			
□ 817-105-150	11	(J22451) - Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 814-117-151, 816-106-150, 150) NOTE: Replaced by 814-117-151			
Addendum	1		817-2 Link, Junctor, and Connector Equipments		
817-106-150	5	(J22464) — Billing Indexer Frame (also numbered 818-109-150)	Link Equipment		
□ 817-107-150	10	(J22151) - Call Identify Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem — No. 4 Type Toll Switching NOTE: Replaced by 814-113-151	817-200-150	4	(J27554) - Trunk Link and Trunk Link Extension Frames
817-108-150	4	(J28053) - Position Link Frame	□ 817-201-150	8	(J27650) - Office Link and Office Extension Frames NOTE: Replaced by 816-430-150
Addendum	2		817-202-150	6	(J28450) - Sender Link Frame
817-110-150	2	(J22155) - Sender Register Connector Frame	Addendum	1	
Addendum	4		817-203-150	3	(J28765) - 10-Digit Incoming Register and Link Frames
817-111-150	2	(J27755) - Incoming Register and Link Frame	Junctor Equipments		
817-112-150	6	(J22465) - Transverter Frame	817-210-150	4	(J27052) - Office Junctor and Line Junctor Grouping Frames
			Connection Equipments		
			817-215-150	6	(J28150) - Marker Connector Frames

Number	Issue	Subject	Number	Issue	Subject
817-3 Sender, Marker, and Translator Equipments					
Sender Equipments			Addendum	2	
Addendum	1		817-510-150	1	(J99269) - Link and Connector Frames
817-300-150	8	(J27953) - RP, MF, and DP Sender Frames	Addendum	1	
817-301-150	8	(J27969) - DP and MF Sender Frames	817-511-150	2	(J99270) - Link Controller Frame
Addendum	1		817-516-150	5	(J99274) - Coin Charge Computer Frame
817-301-151	8	(J27968) - Functional DP and MF Sender Units	817-516-151	5	(J99273) - Rater Frames and Associated Equipment
Addendum	3		817-521-150	2	(J28773) - Timer Link and Control Frame
817-302-150	5	(J27961) - PCI Sender Frame	Addendum	3	
Marker Equipments			817-530-150	4	(J99275) - Relay-Rack Mounted Equipment Units
817-310-150	4	(J28761) - Marker Frame (Ring Type)	Addendum	2	
817-310-151	11	(J28753) - Marker Frame (Route Relays)	817-540-150	3	(J22156) - Data Transfer Frames
Translator Equipments			817-6 Trunk Equipments		
Addendum	1		817-600-150	9	(J29270) - Trunk Tables — Listing Trunk Unit Equipment, Features, and Options
817-315-150	2	(J28772) - Translator Frame	817-601-150	10	(J27250) - Incoming Trunk Frames
817-316-150	2	(J22474) - Pretranslator Frames	Addendum	1	
817-5 Traffic Service Position and Data Equipments			817-602-150	5	(J27252) - Two-Way Trunk Frames
817-500-150	1	(J29271) - Operation of CAMA Offices With 100A TSP — Modification Procedures	817-610-150	2	(J99304) - TSP Operator Outgoing Trunk Frames
Addendum	1		817-611-150	4	(J27253) - Traffic Service Position Trunk Frames
817-504-150	4	(J92905) - Automatic Operator Training Equipments	817-615-150	5	(J27251) - AMA Trunk Frames
Addendum	2		817-7 Test and Alarm Equipments		
817-505-150	5	(J99268) - 100A Traffic Service Position Section and Associated Operating Room Equipment	Test Frames		
Addendum	2				
817-505-151	4	(J99286) - Position and Position Control Frames and Units and Associated Signaling Equipment for Remote Operation	□ 817-700-150	18	(J28550) - Outgoing Trunk Test Frame (also numbered 816-604-150) NOTE: Replaced by 816-604-150
Addendum	1		□ 817-701-150	12	(J27753) - Incoming Trunk Test Frame and Incoming Trunk Test Connector Frame (also numbered 816-601-150) NOTE: Replaced by 816-601-150
817-505-152	1	(J99318) - Night and Twilight Transfer Control Frames			
817-505-153	3	(J28778) - Traffic Control Frame and Traffic Control Console			
817-506-150	2	(J99293) - Cordboard Transfer Trunk Finder Frame			

Number	Issue	Subject	Number	Issue	Subject
□ 817-701-152	2	(J24004) - Recorder Frame NOTE: Replaced by 816-601-152	Addendum	1	
Addendum	1		817-711-150	7	(J24350) - Trunk Automatic Test and Connector Frames — (AMA TSP)
817-701-153	2	(J23267) - Reorder Analysis and Data Connector Frame, Proces- sor and Interface Cabinets for Computerized Maintenance and Administration Support	Addendum	2	
□ 817-701-154	1	(J28555) - Remote Office Test Line — Crossbar Tandem and No. 1 Crossbar Switching Sys- tem (also numbered 816-601- 153) NOTE: Replaced by 816-601-153	817-715-150	1	(J99299) - Position Test Frames — Position and Position Control Test Units — (TSP)
Addendum	1		Addendum	1	
817-702-150	3	(J24050) - Trunk Test Frame for Use With Remote Control Zone Registration Trunks	817-716-150	4	(J99277) - Rater-Charge Com- puter Test Frame — (TSP)
Addendum	2		Test Sets		
817-705-150	10	(J98501) - Manual Outgoing Trunk Test Frame and Outgoing Trunk Test Jack Bay (also num- bered 818-708-150 and 819- 710-150)	Addendum	2	
□ 817-706-150	13	(J67447) - Automatic Outgoing Intertoll Trunk Test and Connec- tor Frames — Automatic Transmission Test and Control Frames — Teletypewriter Frame — Floor Model 28-Type Tele- typewriter — No. 4 Toll Switching Systems, Crossbar Tandem Switching System (also num- bered 816-601-154 and 818- 706-150) NOTE: Replaced by 816-601-154	817-720-150	8	(J24752) - Trunk Test Set (Wagon Type) and Associated Equipment
Addendum	2		817-721-150	1	(J94722) - Auxiliary Trunk Test Set (Box Type)
817-710-150	9	(J23351) - Sender Test Frames — Sender and Register Test Connector Frames	817-722-150	4	(J24750) - Message Register Test Set (Box Type)
			817-723-150	5	(J24753) - Test Set for Timing Tests
			817-730-150	7	(J23259) - Trouble Recorder and Connector Frames
			Addendum	3	
			817-731-150	8	(J21850) - Sender Make-Busy Frame
			817-732-150	3	(J22466) - Line Observing Frame — (AMA)
			Alarm Equipments		
			Addendum	3	
			817-740-150	6	(J28352) - Floor Alarm Unit

Division 818**Equipment Design and General Requirements and Engineering Information — No. 4 Type Toll Switching Systems**

818-0 Indexes, General Information, and Miscellaneous Equipments			
818-1 Automatic Message Accounting Equipments			
818-2 Incoming Link, Outgoing Link, and Junctor Grouping Equipments			
818-3 Sender, Register, Outpulser, Sender Link, Register Link, Outpulser Link, and Link Controller Equipments			
818-4 Decoder, Translator, Marker, and Block Relay Equipments			
818-6 Trunk and Trunk Assignment Equipments			
818-7 Test Maintenance, and Alarm Equipments			
	Number	Issue	Subject
818-0 Indexes, General Information, and Miscellaneous Equipments			
Indexes			
818-000-000	21		Numerical Index — Division 818 — Equipment Design and General Equipment Requirements and Engineering Information — No. 4 Type Toll Switching Systems
General			
818-005-100	1		Equipment Nomenclature — No. 4M Office
818-005-150	6		(J69202) - General Outline — Operating and Equipment Features — No. 4A Office
818-005-170	1		General — No. 4M Office — Engineering Information
818-005-171	1		General — No. 4A Office — Engineering Information

	Number	Issue	Subject
818-007-150	3		(J69208) - Modification of No. 4M and Converted No. A4A Offices to Provide Separate Train-Combined Operation
818-007-151	1		(J69209) - Modification of No. 4A and Converted No. A4A Combined Train Offices to Provide Separate Train- Combined Operation — No. 4A Office
Addendum	1		
818-007-152	2		(J69212) - Modification Procedures to Provide Increased Capacity Features
Addendum	1		
818-007-153	2		(J69213) - Modification of Existing No. 4 Type Toll Offices for Electronic Translator System
818-007-154	2		(J69214) - Peripheral Bus Computer Retrofit Procedures for No. 4 Toll Offices Equipped With Electronic Translator System
818-010-180	4		Performance Requirements
818-011-150	3		(J67456) - Junctor Distribution — No. 4A Office
818-011-151	2		(J67410) - Junctor Distribution — No. 4M Office
Addendum	1		
818-011-152	3		(J67470) - Junctor Distribution — Direct Cabling TBC Plan — No. 4A Office
818-011-153	1		(J67495) - Junctor Distribution Cabling TC Plan — No. 4A Office

Cabling, Wiring, and Lighting

818-030-150	3		(J60101) - Switchboard Power Cabling
818-031-150	5		(J60103) - Limiting Conductor Lengths — Office Wiring

Miscellaneous Frames

818-040-150	4		(J67422) - Office Interrupter Frame
818-041-150	11		(J67444) - Alternate Route Traffic Control, Traffic Control — Network Control Frames and Auxiliary Recording Control Units
818-042-150	3		(J67450) - Sender Traffic Control Frame

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		818-082-151	7	(J62603) - Traffic Register Equipment
818-043-150	5	(J67424) - Frame Identification Frequency Supply and Control Frame	818-082-152	2	(J67509) - Traffic Usage Interface and Supplementary Traffic Usage Interface Frames
818-044-150	3	(J67465) - Outgoing Trunk Identification Frame	818-083-150	6	(J62604) - Traffic Supervisory Rack
□ 818-045-150	3	NOTE: Replaced by 817-048-151 (J99324) - Announcement Frame — No. 5A Announcement System	Addendum	2	
818-046-150	8	(J67448) - Circuits Busy Announcement Trunk Frame	818-083-151	5	(J62607) - Traffic Supervisory and Register Rack and Auxiliary Traffic Supervisory Cabinet Equipments
□ 818-047-150	3	(J22466) - Line Observing Frame (AMA) NOTE: Replaced by 817-732-150	□ 818-084-150	4	(J92608) - Sender Attachment Delay Equipment (also numbered NOTE: Replaced by 817-062-150
818-048-150	3	(J67492) - Miscellaneous Frame for Electronic Equipment	818-085-150	3	(J67506) - PBC Interface and Control Cabinet
818-050-150	1	(J67516) - Transceiver and Connector Frame	818-085-151	2	(J67507) - Peripheral Bus Computer Central Processor Unit
Miscellaneous Equipments			818-086-150	1	(J67512) - Frame Identification Frequency Supply Unit
□ 818-080-150	6	(J25551) - End Guards Aisle Pilot Lamp Supports, Distributing Power Terminal Strip Supports, Record Books and Holders, Spare Fuse Mountings, and Print Display Boards NOTE: Replaced by 816-040-150	818-087-150	1	(J67524) - PBC-I/O Terminal Transfer Unit
818-081-150	15	(J61564) - Miscellaneous Relay-Rack Mounted Units — No. 4 Type Toll Switching and No. 5 Crossbar Systems (also numbered 819-083-150)	818-1 Automatic Message Accounting Equipments		
□ 818-081-151	8	(J91104) - Relay Rack Equipment — For 13C, 13D, 15C, and 15D Switchboards — No. 1 and No. 5 Crossbar Panel, No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 814-050-152, 150) NOTE: Replaced by 814-050-152	818-100-170	1	CAMA Facilities — General — Automatic Message Accounting — Engineering Information
818-081-152	1	(J67505) - Remote Network — Management Control Units	818-101-150	1	(J69210) - CAMA Modification Procedures
Addendum	2		□ 818-102-150	8	(J21350) - CAMA Switchboard (also numbered 814-118-150, 817-101-150, and 819-101-150) NOTE: Replaced by 814-118-150
818-082-150	6	(J62601) - Traffic Register Equipment	□ 818-103-150	4	(J28053) - Position Link Frame NOTE: Replaced by 817-108-150
			Addendum	2	
			818-104-150	3	(J67454) - CAMA Sender Link Frame
			818-105-150	7	(J67458) - CAMA Sender Frame
			818-106-150	3	(J67463) - Transverter Frame
			Addendum	1	
			818-106-151	1	(J67464) - Transverter Connector Frame

Number	Issue	Subject
Addendum	1	
818-107-150	1	(J67459) - Trunk Class Translator and Supplementary Trunk Class Translator Frames
□ 818-108-150	12	(J22462) - Recorder Frames — No. 1, No. 5 and Tandem Crossbar, No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 150, 817-120-150, and 819-114-150) NOTE: Replaced by 814-115-151
□ 818-109-150	5	(J22464) - Billing Indexer Frames (also numbered 817-106-150) NOTE: Replaced by 817-106-150
□ 818-110-150	10	(J22151) - Call Identity Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem NOTE: Replaced by 814-113-150
□ 818-111-150	12	(J22456) - Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment (Also numbered 814-116-150, NOTE: Replaced by 814-116-150
□ 818-112-150	11	(J22451) - Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 814-117-151, 816-106-150, 150) NOTE: Replaced by 814-117-151
818-113-150	2	(J67460) - Trouble Recorder Connector Frame
□ 818-114-150	3	(J1P004) - Computerized Recording — Automatic Message Accounting — CAMA-C — Crossbar Tandem (also numbered 817-102-150) NOTE: Replaced by 817-102-150
818-113-150	2	

Number	Issue	Subject
818-2 Incoming Link, Outgoing Link, and Junctor Grouping Equipments		
Incoming and Outgoing Link Frames		
Addendum	1	
818-200-150	10	(J67437) - Incoming Link Frame — Primary and Secondary Extension Frames
Addendum	1	
818-200-151	3	(J67493) — Incoming Link Frame (Small Switches) — Junctor and Trunk Extension Frames
Addendum	1	
818-201-150	6	(J67438) - Outgoing Link Frame — Primary and Secondary Extension Frames
818-201-151	4	(J67494) - Outgoing Link Frame (Small Switch) — Junctor and Trunk Extension Frames
Junctor Grouping Frames		
Addendum	1	
818-210-150	3	(J67409) - Junctor Grouping Frames
818-3 Sender, Register, Outputer, Sender Link, Register Link, Outputer Link, and Link Controller Equipments		
Sender and Outputing Equipments		
818-300-150	8	(J67430) - Incoming Sender Frames — DP and MF Sender Equipment Units — No. 4A Office
818-301-150	6	(J67452) - Incoming Sender Frames — DP and MF Sender Equipment Units — No. 4M Office
818-302-150	8	(J67431) - Incoming DP and MF Sender Equipment Subunits
818-303-150	7	(J67468) - Incoming MF Sender Frame — No. 4A Office
Addendum	1	
❶ 818-304-150	5	(J67467) - Overseas Sender Frame
818-305-150	7	(J67413) - Outgoing Sender Frames — REV, PCI, SXS and CA Sender Equipment Units

Number	Issue	Subject
Sender Link, Register Link, Output Link, Link Controller Equipments		
Addendum	2	
818-330-150	8	(J67402) - Incoming and Outgoing Sender Link Frames
Addendum	1	
818-331-150	13	(J67407) - Link Controller and Connector and Supplementary Link Controller Frames
Addendum	1	
818-334-151	1	(J67501) - Output Link Controller Frame
Addendum	1	
818-335-151	1	(J67499) - Output Link Frame
Incoming Register Equipments		
818-340-150	5	(J67457) - Incoming Register and Link Frame

818-4 Decoder, Translator, Marker, and Block Relay Equipments

Decoder Equipments

Addendum	2	
818-400-150	9	(J67439) - Decoder Frame
818-401-150	1	
818-401-150	10	(J67449) - Decoder Connector Frame and Supplementary Decoder Connector Frame

Translator Equipments

Addendum	1	
818-420-150	6	(J67442) - Card Translator Equipment
Addendum	1	
818-421-150	7	(J67445) - Foreign Translator Connector Frame and Emergency Translator Connector Frame
Addendum	1	
818-422-150	1	(J67469) - Pretranslator Frame
818-425-150	2	(J67471) - Decoder Channel Frame
Addendum	1	
818-425-151	2	(J67472) - Peripheral Scanner Frame
818-425-152	3	(J67473) - Distributor Register Frame

Number	Issue	Subject
818-425-153	2	(J67474) - Alarm and Display Frame
818-425-154	4	(J67475) - Power Distributing Frame and Miscellaneous Power Distributing Units
818-425-155	1	(J67476) - Peripheral Function Translator Unit — Electronic Translator System
818-425-156	3	(J67479) - Teletypewriter Buffer Frame
818-425-161	3	(J67504) - Common Channel Interoffice Signaling — Terminal Group — No. 4A Toll Switching System or Traffic Service Position System No. 1 or 1B
818-425-163	1	(J67511) - Distributor and Scanner Frame
818-425-164	2	(J67514) - Common Channel Interoffice Signaling Voice Frequency Link Access Frame — No. 4A Toll Switching System or Traffic Service Position System No. 1 or 1B

Marker Equipments

Addendum	1	
818-450-150	12	(J67440) - Marker Frame
Addendum	2	
818-451-150	7	(J67446) - Marker Connector Frames

Block Relay Equipment

Addendum	1	
818-480-150	6	(J67408) - Block Relay Frame

818-6 Trunk and Trunk Assignment Equipments

Trunk Equipments

818-600-150	5	(J69211) - Trunk Tables — Listing Trunk Equipment Units, Features, and Options
818-601-150	6	(J67466) - Trunk Frames for Mounting Plate and Plug-In Units
818-602-150	15	(J61561) - Intertoll Trunks — Relay-Rack Mounted, Trunk-Frame Mounted, and Plug-In Units
818-603-150	15	(J61562) - Incoming Toll Connecting Trunks — Relay Rack Mounted Units

Number	Issue	Subject	Number	Issue	Subject
818-604-150	14	(J61563) - Outgoing Toll Connecting Trunk — Relay Rack Mounted and Plug-In Units	818-706-153	1	(J67518) - ATME-2/Foreign Exchange Routine — Evaluation Testing System Interface Frame
Trunk Assignment Equipments			818-707-150	4	(J67461) - Automatic Incoming Trunk Test and Connector Frames (CAMA)
818-630-151	2	(J67434) - Trunk Assignment Distributing Frame	818-707-151	2	(J67519) - Signaling Analysis Connector Frame
818-631-150	3	(J67421) - Trunk Assignment Patch Bay	□ 818-708-150	10	(J98501) - Manual Outgoing Trunk Test Frame and Outgoing Trunk Test Jack Bay NOTE: Replaced by 817-705-150 710-150) .LI " 818-708-1514" (J67496) - Manual Test Frame — Test and Make-Busy Jack Frame
818-7 Test, Maintenance, and Alarm Equipments			818-709-151	2	(J67515) - CCIS Intraoffice Trunk Test Frame
Test Frames			818-709-152	1	(J67521) - Common Channel Interoffice Signaling — Voice Frequency Link Test Frame
818-701-150	9	(J67443) - Trouble Recorder Frame	Test Sets		
Addendum	1		818-740-150	6	(J63525) - Incoming, Outgoing and Intertoll Trunk Test Set (Wagon Type) and Associated Relay Rack Equipment
818-702-150	3	(J67462) - Incoming Sender and Register Test Frame	818-741-150	4	(J64727) - Frame Identification Frequency Supply Test Set (Box Type)
818-702-151	1	(J67508) - Outpulser Link Controller Test Frame	818-742-150	3	(J67453) - Translator Test Set and Associated Equipment
818-703-150	3	(J67436) - Outgoing Sender Test Frame — No. 4A Office	818-743-150	1	(J67477) - Trunk Test Set (Portable Plug-In Type) for MF Pulsing, E & M Lead Supervision Toll Switching Trunks
818-704-150	5	(J67419) - Sender Test Connector Frame — No. 4M Office	Maintenance Equipments		
818-705-150	12	(J67418) - Automatic Outgoing Toll Connecting Trunk — Operational and Transmission Test Frames — Supplementary AOTT Frame, Outgoing Toll Connecting Trunk Test Connector Frame	Addendum	2	
818-706-150	13	(J67447) - Automatic Outgoing Intertoll Trunk Test and Connector Frame — Automatic Transmission Test and Control Frames — Teletypewriter Frame — Floor Model 28-Type Teletypewriter — No. 4 Type Toll Switching Systems, Crossbar Tandem Switching System (also numbered 150)	818-760-150	3	(J67427) - Trouble Tracing Step-By-Step Selector Frame for Use With Intertoll Trunk Concentrator
Addendum	1		Addendum	2	
818-706-151	4	(J67478) - Automatically Directed Outgoing Intertoll Trunk Test Frame, Automatically Directed Outgoing Intertoll Trunk Test Connector Frame and Card Reader Console	818-761-150	7	(J67435) - Sender Make-Busy Frame and Auxiliary Sender Make-Busy Frame — No. 4A Office
Addendum	1		818-761-151	6	(J67416) - Register Make-Busy Frame — No. 4M Office
818-706-152	1	(J67513) - Outgoing Trunk Test Connector Frame			

Number	Issue	Subject
Alarm Equipments		
Addendum	2	
818-780-150	5	(J67441) - Floor Alarm Frame
818-780-151	7	(J67423) - Floor Alarm Units

Division 819**Equipment Design and General Requirements and Engineering Information — No. 3, No. 5, and No. 5A Crossbar Systems****819-0 Indexes, General Information, and Miscellaneous Equipments****819-1 Automatic Message Accounting Equipments****819-2 Link and Junctor Grouping Equipments****819-3 Marker, Connector, and Number Group Equipments****819-4 Register, Sender, and Translator Equipments****819-6 Trunk Equipments****819-7 Test and Alarm Equipments****819-9 No. 3 and 5A Crossbar**

Number	Issue	Subject
819-0 Indexes, General Information, and Miscellaneous Equipments		
Indexes		
819-000-000	50	Numerical Index — Division 819 — Equipment Design and General Equipment Requirements and Engineering Information — No. 3, No. 5, and No. 5A Crossbar Systems

General

Addendum	1	
819-005-150	13	(J29259) - General Outline — Operating and Equipment Features — Basic No. 5 Crossbar Office
819-005-151	4	(J29274) - General Outline — Automatic Call Distributor — Operating and Equipment Features
819-005-152	3	(J29276) - General Outline — Operating and Equipment Features — Additional Customer Services

Number	Issue	Subject
Addendum	1	
819-005-153	1	(J29278) — General Outline — Operating and Equipment Features — Billing Arrangements
819-005-154	3	(J29279) - General Outline — Operating and Equipment Features — No. 5 Electronic Translation System
819-006-170	1	Central Office Engineering — General Features and Arrangements — Engineering Information
819-006-171	1	Arrangements for Meeting Numbering Plan Requirements for Local Area, Interarea, and Intertoll Switching — Engineering Information
819-006-172	1	Tandem and Intertoll Switching Features — Engineering Information
819-006-173	1	Division of Directory Numbers — Terminating Office Considerations — Office A — Office B — Physical and Theoretical Arrangements — Engineering Information
□ 819-006-174	2	7A Announcement System For Machine Intercept Service — Engineering Information NOTE: Replaced by 814-011-170
819-010-180	6	Performance Requirements
819-011-180	3	Detailed Inspection Procedures — Central Office Equipment Permanent Signal Holding and Concentrating Arrangements — Engineering Information

Cabling and Wiring

819-020-150	3	(J29262) - Index of Equipment Cross-Connections
819-021-170	2	Range Limits — Customer Lines and Interoffice Trunking — Engineering Information
Addendum	1	
819-022-150	7	(J20155) - Limiting Conductor Lengths Between Frames and Units—No. 5 ACD System

Number	Issue	Subject	Number	Issue	Subject
Miscellaneous Frames			Miscellaneous Equipments		
Addendum	1		❑ 819-080-150	8	(J91104) - Relay Rack Equipment — For 13C, 13D, 15C and 15D Switchboards — No. 1 and No. 5 Crossbar Panels, No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 814-050-152, 151) Replaced by 814-050-152
819-050-150	3	(J27975) - 4-Wire Conference Controller Frame			
Addendum	1		❑ 819-083-150	15	(J61564) - Miscellaneous Relay-Rack Mounted Units — No. 4 Type Toll Switching and No. 5 Crossbar Systems (also numbered 818-081-150) NOTE: Replaced by 818-081-150
819-050-151	3	(J28775) - Access Group Controller Unit, Called Number Detector Unit, Trunk Group Traffic Sample Frames and Units			
819-051-150	2	(J28758) - PBX Allotter Frames and Associated Equipment Units			
819-052-150	1	(J23068) - Coin Zone Concentrator Frame			
819-053-150	2	(J27455) - Line Concentrator No. 2A Control Frame			
819-053-180	1	Performance Requirements — Line Concentrator No. 2A			
Addendum	1		819-1 Automatic Message Accounting Equipments		
819-054-150	4	(J27854) - Transfer Line Identifier Frame — Transfer Supplementary Line Identifier Frame	819-100-170	1	Centralized Automatic Message Accounting — General — Engineering Information
819-054-151	2	(J27978) - Stuck Sender Trunk Identifier — Frame and Units	❑ 819-101-150	8	(J21350) - CAMA Switchboard (also Numbered 814-118-150, 817-101-150, and 818-102-150) NOTE: Replaced by 814-118-150
819-055-150	3	(J25150) - MF Current Supply Frame and MF Test Current Supply Frame	819-102-150	3	(J22470) - CAMA Position Link Frame
Addendum	1		819-103-150	3	(J22468) - CAMA Sender and MF Receiver Frames
819-056-150	5	(J27055) - Power, Ringing, and Tone Distributing Frame and No-Such-Number Tone Supply Equipment Units	Addendum	2	
819-056-153	2	(J29272) - Power Ringing, and Tone Distributing Frame and No-Such-Number Tone Supply Equipment Units	819-104-150	11	(J22459) - LAMA, CAMA, and ANI Transverter Frames and Relay Rack Mounted Units
Addendum	1		Addendum	1	
819-057-150	6	(J27056) - Message Register and Message Timing Frames and Associated Equipment Units	819-104-151	4	(J22153) - LAMA, CAMA, and ANI Transverter Connector Frames
Addendum	1		819-105-150	3	(J22471) - Translator Frame
819-058-150	10	(J22650) - Traffic Register Frame and Associated Equipment Units	❑ 819-105-151	6	(J22460) - Translator Frames NOTE: Replaced by 816-109-150
❑ 819-059-150	7	(J93005) - Plugging-Up Frame — Central "A" Switchboard Office Replaced by 814-026-150	❑ 819-106-150	5	(J99301) - PBX AIOD Translator and Connector Equipment — Automatic Message Accounting or Automatic Number Identification Replaced by 814-106-151
Addendum	1				
819-060-150	8	(J22752) - Office Interrupter Frame — 30, 60 and 120 IPM			
819-062-150	1	(J27460) - Electronic Frames and Units			

Number	Issue	Subject
□ 819-107-150	10	(J22151) - Call Identity Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem — No. 4 Type Toll Switching Replaced by 814-113-151
819-108-150	4	(J22469) - CAMA Billing Indexer Frame
□ 819-114-150	12	(J22462) - Recorder Frames — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 108-150, 817-120-150, and 818-108-150) NOTE: Replaced by 814-115-151
819-114-152	2	(J94739) - Trunk Control Frames — For Magnetic Tape Recordings
819-115-150	12	(J22456) - Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment — Billing Data Transmitter Frame — No. 1, No. 5 and Tandem Crossbar, No. 4 Type Toll Switching, and Step-By-Step Systems (also numbered 814-116-150, 816-107-150, 817-121-150, and 818-111-150)
819-115-151	1	(J22478) - AMA-MTR Modification Procedures
Addendum	1	
819-115-152	1	(J94737) - Recorder and Recorder Control Frame — For Magnetic Tape Recording
□ 819-120-150	11	(J22451) - Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching, and Step-by-Step Systems (814-117-151, 816-106-150, 817-105-150, and NOTE: Replaced by 814-117-151
819-121-150	2	(J23652) - Line Observing Number Matching Frame

819-2 Link and Junctor Grouping Equipments**Link Equipments**

819-200-150	11	(J27451) - Line Link Frames (2-Wire) (A&M Only) and Automatic Call Distribution Line Link Frames
Addendum	1	
819-200-151	2	(J27454) - Four-Wire Line Link Frames
819-200-152	2	(J27458) - Line Link Frames (2-Wire) — Auxiliary Line Link Frame (2-Wire) — Using Small Crossbar Switches — Line Class-of-Service Frame
819-200-153	2	(J27459) - Wideband Link Frames and Units
Addendum	1	
819-200-154	1	(J27462) - Bit-Stream Link Frames and Bit-Stream Test Line Distributor Units
819-201-150	8	(J27754) - Trunk Link Frames
Addendum	2	
819-201-151	2	(J27756) - Four-Wire Trunk Link Frames
Addendum	1	
819-201-152	1	(J27757) - Trunk Link Frame — Auxiliary Trunk Link Frame Using Small Crossbar Switches
Addendum	1	
819-202-150	10	(J29051) - Incoming Register Link, Coin Supervisory Link and Outgoing Sender Link Frames
Addendum	1	
819-203-150	2	(J29055) - Transfer Line Link — Transfer Register Link and Transfer Trunk Link Frames
Addendum	1	
819-204-150	1	(J29054) - Centrex Position Link Frame
819-205-150	1	(J27457) - Range Extender Frame for Unigauge Cabling
819-206-150	1	(J27461) - Call-Waiting Link Frames

Junctor Grouping Equipments

819-220-150	6	(J27651) - Junctor Grouping Frames and Junctor Distribution Procedures
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Number	Issue	Subject
819-3 Marker, Connector, and Number Group Equipments		
Marker Equipments		
Addendum	1	
819-300-150	9	(J28754) - Marker Frames
Addendum	2	
819-300-151	10	(J28755) - Marker Units
Addendum	1	
819-301-150	16	(J28760) - Completing Marker Frames
Addendum	1	
819-301-151	5	(J28776) - Automatic Call Distribution Marker Frames
819-302-150	9	(J28759) - Dial Tone Marker Frames and Originating Line Identifier Unit
819-303-150	2	(J28779) - Wideband Remote Switch Signal Control Frames — Wideband/Bit-Stream Line Control Frame
Connector Equipments		
819-310-150	7	(J28151) - Connector Frames
Addendum	4	
819-310-151	4	(J28152) - Connector Equipment Units
Addendum	2	
819-311-150	8	(J28154) - Connector Frames
819-311-151	8	(J28155) - Connector Units
819-312-150	8	(J28153) - Master Test Connector Frames and Units
819-312-151	5	(J28157) - Master Test Connector Frames and Units
819-313-150	1	(J28774) - Four-Wire Trunk Group Connector, Line and Trunk Preemption Grouping Frames and Associated Equipment Units
Number Group Equipments		
Addendum	2	
819-320-150	9	(J27853) - Number Group Frame

Number	Issue	Subject
819-4 Register, Sender, and Translator Equipments		
Register and Sender Equipments		
819-401-150	11	(J27954) - Originating and Incoming Register Frames and Outgoing and Intermarker Group Sender Frames
Addendum	2	
819-401-151	8	(J27956) - Register Equipment Units for Originating and Incoming Registers and Outgoing and Intermarker Group Senders
Addendum	4	
819-401-152	9	(J27958) - Control Equipment Units for Originating and Incoming Registers and Outgoing Intermarker Group Senders
Addendum	1	
819-401-153	4	(J27955) - Pulse Counting Equipment Units for Originating and Incoming Registers
Addendum	2	
819-401-154	5	(J27957) - Timing Equipment Units for Originating and Incoming Registers
Addendum	1	
819-401-155	3	(J27959) - Coin and 2-Party Test Equipment Units for Originating Registers
819-401-156	4	(J27960) - Pulse Control Equipment Units for Outgoing Senders
Addendum	2	
819-403-150	8	(J27962) - Originating Register Frame and "TOUCH-TONE®" Receiver and Control Frame
Addendum	2	
819-404-150	5	(J27971) - Four-Wire Originating Register Frame
819-405-150	4	(J27967) - Originating Register Line Memory Frame
819-406-150	2	(J29275) - Automatic Call Distributor — Digit Register Frame
Addendum	1	
819-410-150	7	(J27963) - Incoming Register Frames and Transfer Register Frames and Multifrequency Pulsing Receiver Frame
Addendum	1	
819-411-150	3	(J27972) - Four-Wire Incoming MF Register Frame

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		819-600-156	7	(J29261) — Trunk Table F — Line Link Frame Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-412-150	4	(J27976) - Trunk Test Register Frames	819-600-157	8	(J29261) - Trunk Table G — Listing Trunk Equipment Units — Functions, Features, and Options
Addendum	2		819-600-158	1	(J29261) - Trunk Table H Marker Pulse Conversion Trunks — Except Intertoll — Listing Trunk Equipment Units Functions, Features and Options
819-420-150	7	(J27964) - Outgoing Sender Frames	819-600-159	3	(J29261) - Trunk Table J Inter-marker Group and Intertrain Trunks — Listing Trunk Equipment Units Functions, Features, and Options
819-421-150	4	(J27973) - Four-Wire Outgoing MF and DP Sender Frames	819-600-160	7	(J29261) - Trunk Table K — Intertoll Trunks — Listing Trunk Equipment Units — Functions, Features, and Options
Translator Equipments			819-600-161	3	(J29261) - Trunk Table L Combination Toll Switching With Outgoing and Tandem Completing — Listing Trunk Equipment Units Functions, Features and Options
819-430-150	5	(J28756) - Pretranslator, IDDD Pretranslator, and IR Pretranslator Frames	819-600-162	5	(J29261) -Trunk Table M — 2-Way Trunks — Except Intertoll — Listing Trunk Equipment Units Functions, Features, and Options
819-431-150	4	(J28757) - Foreign Area Translator and Connector Frames	819-600-163	3	(J29261) - Trunk Table N Other Trunks for Toll Centers — Listing Trunk Equipment Units — Functions, Features and Options
819-6 Trunk Equipments			819-600-164	2	(J29261) - Trunk Table P CAMA Trunks and Units — Listing Trunk Equipment Units Functions, Features and Options
819-600-150	20	(J29261) - General Information and Index Section for Trunk Table — Listing Trunk Equipment Units — Functions, Features and Options	819-600-165	5	(J29261) - Trunk Table R — Coin Zone Outgoing Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-600-151	6	(J29261) - Trunk Table A — Intraoffice and Reverting Call Trunks — Listing Trunk Equipment Units — Functions, Features and Options	819-600-166	6	(J29261) - Trunk Table S — Customer Special Service Units — Listing Trunk Equipment Units — Functions, Features and Options
819-600-152	5	(J29261) - Trunk Table B — Trunks Incoming to No. 5 Equipment — Except Intertoll and Maintenance — Listing Trunk Equipment Units — Functions, Features, and Options	819-600-167	2	(J29261) - Trunk Table T Wide-band and Associated Audio Trunks — Including Maintenance and Test — Listing Trunk Equipment Units Functions, Features and Options
819-600-153	8	(J29261) - Trunk Table C — Outgoing Full Selector and PPCS Trunks — Except Intertoll — Listing Trunk Equipment Units — Functions, Features, and Options			
819-600-154	8	(J29261) — Trunk Table D — Outgoing Trunks to Switchboards and Desks — Except Intertoll and Maintenance — Listing Trunk Equipment Units — Functions, Features and Options			
819-600-155	6	(J29261) — Trunk Table E — Trunks for Maintenance Purposes — Listing Trunk Equipment Units — Functions, Features, and Options			

Number	Issue	Subject	Number	Issue	Subject
819-600-168	5	(J29261) - Trunk Table U — Automatic Call Distributor — Lines, Trunks, and Miscellaneous Units — Listing Trunk Equipment Unit — Functions, Features, and Options	819-700-151	5	(J23261) - Plant Register Cabinet
819-601-150	8	(J23064) - Relay Rack Frames for Trunks and Miscellaneous Equipments	819-701-150	14	(J23253) - Automatic Monitor, Register, and Sender Test Equipment Units Mounted on Automatic Monitor, Register, and Sender Test Bays — Master Test Frame
819-602-150	13	(J23062) - Incoming Trunks — Equipment Units	819-702-150	15	(J23255) - Master Test Control Circuit Units — Master Test Frame
819-603-150	11	(J23061) - Intraoffice Trunks — Equipment Units	819-703-150	16	(J23256) - Trunk Test Equipment Units Associated With the Master Test Frame
Addendum	2		Addendum	2	
819-604-150	6	(J23065) - Intermarker Group and Intertrain Trunks — Equipment Units	819-704-150	6	(J23258) - Register and CAMA Sender Test Equipment Units Mounted on Control Bays — Master Test Frame
819-605-150	13	(J23056) - Trunks and Lines Equipment Units — Associated With Line Link Frames	819-708-150	4	(J24759) - AMA Translator Line Verification Test Equipment Units and Test Set
Addendum	1		□ 819-710-150	10	(J98501) - Manual Outgoing Trunk Test Frame and Outgoing Trunk Test Jack Bay (also numbered 817-705-150 and 818-708-150) NOTE: Replaced by 817-710-150
819-606-150	8	(J23063) - Two-Way Trunks — Equipment Units	819-712-150	17	(J23450) - Automatic Progression Trunk Test Frames
819-607-150	15	(J23055) - Outgoing Trunks Equipment Units — Associated With Senders	819-712-151	1	(J23262) - Test Access Frame for Automatic Call Distribution
819-608-150	13	(J23057) - Outgoing Trunks Equipment Units — Not Associated With Senders	Addendum	1	
819-609-150	13	(J23058) - Service Trunks and Miscellaneous Relay Rack Equipment Units	819-712-152	1	(J23266) - Automatic Call Distribution Test Frames
819-610-150	3	(J23067) - CAMA Trunks and Miscellaneous Equipment Units	Addendum	2	
819-611-150	6	(J23069) - Centrex Trunks and Miscellaneous Equipment Units	819-713-150	7	(J23260) - Office Test Frame
Addendum	1		819-713-151	4	(J23263) - Remote Office Test Frame
819-612-150	8	(J23059) - Test Trunk Equipment Units — Miscellaneous Relay Rack Mounted	819-714-150	4	(J23650) - Line Insulation Test Frame
Addendum	1		819-715-150	1	(J23264) - Automatic Range Extension
819-613-150	2	(J23071) - Wideband, Associated Audio, and Maintenance Trunks and Associated Frames			

819-7 Test and Alarm Equipments**Test Frames**

819-700-150	18	(J23252) - Master Test Frame
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Test Sets

819-730-150	4	(J24756) - Sender Test Set and Register and CAMA Sender Test Sets
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Number	Issue	Subject
□ 819-731-150	5	(J24753) - Test Set for Timing Tests NOTE: Replaced by 817-723-150
819-732-150	1	(J24761) - 4-Wire Timing Test Set
Addendum	2	
819-733-150	1	(J24763) - Priming Set for Trunk Test Register
Alarm Equipment		
819-750-150	7	(J28353) - Alarm Equipment Units
□ 819-751-150	15	(J98304) - Alarm Transfer Equipment Units NOTE: Replaced 801-601-156
□ 819-752-150	6	(J99232) - Audible and Visual Alarm Equipment Units for Interconnection of No. 5 Crossbar with Other Systems (also numbered 801-601-151) NOTE: Replaced 801-601-151
Addendum	1	
819-753-150	6	(J23060) - Alarm and Timing Equipment Units Associated With Permanent Signal Holding Test Trunk — Selecting and Concentrating Equipments

819-9 No. 3 and 5A Crossbar**General Information and Miscellaneous Frames and Equipments**

819-900-155	2	(J29157) - Power, Ringing, and Tone Distributing Frame
819-900-156	1	(J29163) - Message and Traffic Register Frame and Associated Equipment Units
819-900-180	1	Performance Requirements on Site Tests

Automatic Number Identification Equipments

819-901-150	1	(J29152) - Transiator Frame — Automatic Number Identification
819-901-151	1	(J29153) - ANI Transverter and Connector Frame — Automatic Number Identification

Number	Issue	Subject
Link and Junctor Grouping Equipments		
819-902-150	1	(J29159) - Basic 490 Line, Line Link Frame
819-902-151	1	(J29160) - Trunk Link Frame
819-902-152	1	(J29161) - Incoming Register Link Coin Supervisory Link, Outgoing Sender Link and Stuck Sender Trunk Identifier Units

Marker, Connector, and Number Group Equipments

819-903-150	1	(J29151) - Marker Frame
819-903-160	1	(J29156) - Connector Frame
819-903-168	1	(J29166) - Number Group Frame

Register, Sender, and Translator Equipments

819-904-150	1	(J29164) - Originating Register Frame
819-904-151	1	(J29168) - Incoming Register Frame
819-904-160	1	(J29167) - Outgoing Sender — Relay Rack Frame

Trunk Equipments

819-906-150	3	(J29154) - General Information and Index Section for Trunk Table — Listing Trunk Equipment Units — Functions, Features, and Options
819-906-151	1	(J29154) - Trunk Table PA — Intraoffice and Reverting Call — Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-906-152	2	(J29154) - Trunk Table PB — Trunks Incoming to No. 5A Equipment — Listing Trunk Equipment Units — Functions, Features and Options
819-906-153	2	(J29154) - Trunk Table PC — Outgoing Full Selector Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-906-154	1	(J29154) - Trunk Table PD — Outgoing Trunks to Switchboards — Listing Trunk Equipment Units — Functions, Features and Options
819-906-155	2	(J29154) - Trunk Table PM — 2-Way Trunks — Listing Trunk Equipment Units — Functions, Features and Options

Number	Issue	Subject	Number	Issue	Subject
819-906-156	2	(J29162) - Trunk Frames	819-910-165	2	(J29360) - Trunk Table CP — Outgoing Trunks — Machine Switched — Listing Trunk Equipment Units — Functions, Features and Options
Test and Alarm Equipments			819-910-166	2	(J29360) - Trunk Table DP — Outgoing Trunk — Associated With Switchboards — Listing Trunk Equipment Units — Functions, Features and Options
Addendum	2		819-910-167	2	(J29360) - Trunk Table EP — Trunks for Maintenance Purposes — Listing Trunk Equipment Units — Functions, Features and Options
819-907-150	2	(J29165) - Test and Recorder Frame	819-910-168	3	(J29360) - Trunk Table FP — Intercept Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-907-151	2	(J29158) - Trouble Analyzer & Display Console — Tape Recorder & Trouble Record Trunk Unit and Remote Make-Busy and Restore Control Unit	819-910-169	2	(J29360) - Trunk Table GP — Miscellaneous Lines, Control and Indicating Units — Listing Trunk Equipment Units — Functions, Features and Options
No. 3 Crossbar			819-910-170	3	(J29360) - Trunk Table MP — 2-Way Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-910-150	1	(J29350) - General Outline — Operating and Equipment Features	819-910-180	1	Performance Requirements on Site Tests
819-910-151	2	(J29351) - Marker Frame			
819-910-152	2	(J29352) - Line Number Translator and Connector Frame			
819-910-153	1	(J29353) - Line Link and Line Block Frames			
819-910-154	2	(J29354) - Trunk Frames			
Addendum	1				
819-910-155	3	(J29355) - Test Frame			
819-910-156	2	(J29356) - Incoming Register-Originating Register 0 Frame — Originating Register Frame and Extension Incoming Register Frame			
819-910-157	1	(J29357) - Outgoing Sender Frame			
819-910-159	1	(J29359) - Loop and Leak Test Unit			
819-910-160	4	(J29360) - General Information and Index Section for Trunk Table Listing Trunk Equipment Units — Functions, Features and Options			
819-910-162	2	(J29362) - Miscellaneous Frame Mounted Units			
819-910-163	1	(J29360) - Trunk Table AP — Intraoffice and Reverting — Call Trunks — Listing Trunk Equipment Units — Functions, Features and Options			
819-910-164	2	(J29360) - Trunk Table BP — Trunks Incoming to No. 3 Equipment — Listing Trunk Equipment Units — Functions, Features and Options			

Division 820**Equipment Design, General Requirements and Engineering Information — 1, 1A, 2, 2A, 3, and 4ESS™ and 5ESS® 1A Processor**

820-0 Index; 1 ESS™ — General, Trunks and Frames

820-1 1 ESS Switching Networks

820-2 1 ESS System Control

820-3 1 ESS Equipments Arranged with 4-Wire Features

820-4 1 ESS Equipments Arranged with Data Features

820-5 1 ESS Test, Maintenance, and Accounting

820-6 2, 2A, and 3 ESS

820-7 1A ESS, 4ESS™, 1A Processor, and Remote Switching Systems

820-8 5ESS® Switch

Number	Issue	Subject
820-0 Index; 1 ESS™ — General, Trunks and Frames		
Indexes		
820-000-000	92	Numerical Index — Division 820 — Equipment Design and General Equipment Requirements and Engineering Information — 1, 1A, 2, 2A, 3, and 4ESS™ and 5ESS®, and 1A Processor
General		
Addendum	3	
820-001-150	3	(J1A055) - Central Office Equipment — General Outline
820-001-170	1	Central Office Engineering — General — Engineering Information — No. 1 Electronic Switching System
820-001-180	6	Performance Requirements — Arranged With 2-Wire Features
820-005-150	8	(J1A063) - Trunk Order Codes — No. 1 ESS™ — Arranged With 2-Wire Features

Number	Issue	Subject
820-007-150	1	(J1A057) - Index of Equipment Cross-Connections
820-008-150	2	(J1A065) - B-Link Distribution — Arranged With 2-Wire Features
820-009-150	3	(J1A056) - Limiting Conductor Conditions
820-010-170	2	Signaling Range Limits — 1 ESS
Trunks and Frames		
820-028-150	3	(J1A035) - Power Distributing Frame
820-030-150	3	(J1A058) - Recorded Announcement Frame — No. 1, No. 1A, and No. 2 Electronic Switching Systems — Control and Distribution Frame for Use With the Common Systems Recorded Announcement Frame (CSRAF) — No. 1 and No. 1A Electronic Switching Systems (also numbered 820-640-151)
820-031-150	5	(J1A033) - Miscellaneous Trunk Frames and Units
820-031-151	6	(J1A048) - Miscellaneous Frames and Units — Arranged With 2-Wire and 4-Wire Features
820-031-153	2	(J1A088) - Combined Miscellaneous Trunk Frames and Units — Common Systems
820-031-154	1	(J1A089) - 60A CPS Attendant Interface Frame — No. 1 Arranged With 2-Wire Features
820-032-150	1	(J1A083) - Dynamic Overload Control Transmitter Frame — Arranged With 2-Wire Features
820-050-150	1	(J1A052) - End Guards, Aisle Directories — Cable Rack Support Stanchion and Miscellaneous Alarm Units
820-053-150	1	(J1A053) - Filter Units
820-069-151	1	(J1A094) - Data Terminal Group
Addendum	1	
820-070-150	2	(J1A068) - Centrex Data Link Frame and Centrex Console Cabinet Equipment — Arranged With 2-Wire Features

Number	Issue	Subject	Number	Issue	Subject
820-1 1 ESS Switching Networks			820-230-150	3	(J1A034) - Central Pulse Distributor Frame — Arranged With 2-Wire, 4-Wire, And Data Features
820-101-150	2	(J1A028) - Line Switching Frame	Addendum	1	
820-104-150	1	(J1A030) - Trunk Switching Frame	820-232-150	3	(J1A043) - Master Scanner Frame — Arranged With 2-Wire, 4-Wire, and Data Features (Also numbered 820-630-155 and 821-410-154)
820-104-152	1	(J1A078) - Remreed Trunk Switching Frame — No. 1 and No. 1A	820-3 1 ESS Equipments Arranged with 4-Wire Features		
820-105-150	1	(J1A070) - Service Link Frames — Arranged With 2-Wire Features	Addendum	1	
820-106-150	1	(J1A029) - Junctor Switching Frame	820-301-150	3	(J2A002) - Trunk Switching Frame
820-108-150	3	(J1A031) - Junctor Frame	Addendum	1	
820-110-150	1	(J1A047) - Junctor Grouping Frame	820-303-150	3	(J2A001) - Junctor Switching Frame
820-110-151	1	(J1A085) - 12-File Junctor Grouping Frame	820-304-150	1	(J2A005) - Junctor Grouping Frame
820-120-150	5	(J1A032) - Universal Trunk Frame	Addendum	2	
820-120-151	1	(J1A084) - Miniaturized Universal Trunk Frame — No. 1 ESS — Equipment Design Requirements — Electronic Switching System	820-307-150	2	(J2A004) - Universal Trunk Frame
820-121-150	1	(J1A090) - HILO Universal Trunk Frame	820-308-150	4	(J2A003) - Miscellaneous Trunk Frame
820-121-151	1	(J1A091) - HILO Miscellaneous Trunk Frame — No. 1 and No. 1A ESS	820-315-150	3	(J2A006) - Filter Units
820-2 1 ESS System Control			820-316-150	1	(J2A016) - Office Status Display Frame
820-200-150	1	(J1A037) - Central Control	820-316-151	1	(J2A017) - Office Status Display Remote Units — No. 1 ESS Arranged With 4-Wire Features
820-202-150	3	(J1A038) - Call Store — For Use With Central Control and Signal Processor and Buffer Control	① 820-320-150	1	(J2A007) Simplex Converter Frame Arranged With 4-Wire Features
820-202-151	4	(J1A072) - 32K Call Store for Use With Central Control and Signal Processor and Buffer Control	① 820-321-150	2	(J2A011) Preempt Tone and Repeated Alerting Line Applique Frame — Arranged With 4-Wire Features
820-204-150	2	(J1A039) - Program Store	① 820-322-150	1	(J2A009) Multiaddress Frame — Offices Arranged With 4-Wire Features
820-204-151	2	(J1A064) - Program Store Memory — Arranged With 2-Wire Features	① 820-323-150	2	(J2A010) Line Applique Frame — Offices Arranged With 4-Wire Features
Addendum	1		820-324-150	2	(J2A008) - Control, Display, and Test Frame — Master Control Center
820-204-152	2	(J2A013) - Program Store Memory — Arranged With 4-Wire Features			
820-206-150	1	(J1A049) - Signal Processor			

Number	Issue	Subject	Number	Issue	Subject
820-4 1 ESS Equipments Arranged with Data Features			820-6 2, 2A, and 3 ESS		
820-401-150	1	(J3A001) - Magnetic Character Assembler Disassembler	General		
820-402-150	2	(J3A002) - Delay Line Character Assembler/ Disassembler (DCAD)	820-600-151	3	(J2H032) - Limiting Conductor Conditions — No. 2 and No. 2B — Arranged With 2-Wire Features
820-403-150	1	(J3A004) - Logic Character Assembler Disassembler	820-600-152	4	(J2H031) - Trunk Equipment Tables — Arranged by Functions and Features — Arranged With 2-Wire Features
820-404-150	2	(J3A006) - Tape Unit Control Frame	820-600-153	3	(J2H033) - Index of Equipment Cross- Connections — No. 2 and No. 2B ESS Arranged With 2-Wire Features
820-404-151	1	(J3A005) - Tape Unit Frame	Addendum	1	
820-405-150	2	(J3A007) - Primary Message Store	820-600-154	1	(J2H035) - 2-Wire No. 2 or 2B ESS Arranged in Modular Buildings — No. 2A or 2C ESS
820-406-150	1	(J3A008) - Buffer Control	820-600-155	2	(J2H104AA-1) — Serial Peripheral Unit Controller/Data Link (SPUC/DL) — 2B Electronic Switching System
820-407-150	1	(J3A016) - Program Store Memory — Arranged With Data Features	820-600-180	4	Performance Requirements — Arranged With 2-Wire Features
820-410-150	1	(J3A013) - Voiceband Digital Data Set Frame	820-600-186	4	Performance Requirements — No. 2B ESS
820-5 1 ESS Test, Maintenance, and Accounting			Trunks and Frames		
Addendum	1		820-610-150	1	(J2H017) - Universal Trunk and Junctor Frame — Arranged With 2-Wire Features
820-501-150	3	(J1A041) - Automatic Message Accounting and Teletypewriter Frame and Universal Teletypewriter Equipment — Master Control Console	820-610-151	3	(J2H018) - Miscellaneous Trunk Frame — Arranged With 2-Wire Features
820-501-151	1	(J1A071) - Test Tape for 9-Track AMA — Arranged With 2-Wire Features	820-610-153	2	(J2H034) - Range Extension Frame — Arranged With 2-Wire Features
820-502-150	6	(J1A042) - Control Display, and Test Frame — Master Control Center and Supplementary Trunk Test Frame — Arranged With 2-Wire and Data Features	Switching Networks		
820-502-151	1	(J1A076) - Remote Office Test Line — No. 1 or No. 1A ESS — Arranged With 2-Wire Features	820-620-150	2	(J2H022) - Junctor Grouping Frame — Arranged for 2-Wire Features
820-503-150	1	(J1A040) - Memory Card Writer Frame — Master Control Center	820-620-151	1	(J2H025) - Line/Trunk Switching Frame — Arranged With 2-Wire Features
□ 820-504-150	5	(J24753) - Test Set for Timing Tests NOTE: Replaced by 817-723-150	820-620-152	1	(J2H026) - Network Control Junctor Switching Frame
820-505-150	1	(J1A069) - Plug-in Trunk Unit Test Stand — Arranged With 2-Wire Features	820-620-154	1	(J2H124) - Remreed Network — No. 2 and No. 2B — Electronic Switching Systems
820-505-151	2	(J1A082) - Outgoing Test Trunk Set for Board-to-Board Testing Arranged With 2-Wire Features			

Number	Issue	Subject	Number	Issue	Subject
820-620-155	1	(J2H048) - Loop Range Extension — Common ESS Arranged With 2-Wire Features	Test, Maintenance and Accounting		
System Control			Addendum	1	
820-630-150	2	(J2H002) - Central Processor Frame — No. 2 ESS Arranged With 2-Wire Features or — Automatic Intercept Center No. 1A in AIS Electronic Switching and Traffic Service System (Also numbered 821-410-150)	820-640-150	3	(J2H003) - Maintenance Center Frame — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS — Electronic Switching and Traffic Service Systems (Also numbered 821-410-151)
820-630-151	2	(J2H005) - Call Store — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS — Electronic Switching and Traffic Service Systems (Also numbered 821-410-152)	□ 820-640-151	3	(J1A058) - Recorded Announcement Frame — No. 1, No. 1A, and No. 2 Electronic Switching Systems — Control and Distribution Frame for Use With the Common Systems Recorded Announcement Frame (CSRAF) — No. 1 and No. 1A Electronic Switching Systems (also numbered 820-030-150) NOTE: Replaced by 820-030-150
820-630-152	2	(J2H023) - Supplementary Central Pulse Distributor Frame — Arranged With 2-Wire Features	820-640-152	2	(J2H039) - Remote Office Test Line Frame — No. 2 ESS — Arranged With 2-Wire Features
820-630-153	4	(J2H030) - Program Store Memory — Arranged With 2-Wire Features	820-640-153	2	(J2H024) - Trunk Test Frame — No. 2 ESS Arranged With 2-Wire Features Equipment Design Requirements — Electronic Switching Systems
820-630-154	2	(J2H027) - Program Store Frame — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center 1A in AIS — Electronic Switching and Traffic Service Systems (Also numbered 821-410-155)	820-640-154	1	(J2H021) - Automatic Message Accounting Frame
□ 820-630-155	3	(J1A043) - Master Scanner Frame — No. 1 ESS Arranged With 2-Wire, 4-Wire, and Data Features or No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS — Electronic Switching and Traffic Service Systems (Also numbered 820-232-150 and 821-410-154) NOTE: Replaced by 820-232-150	820-650-180	2	Performance Requirements — No. 3 ESS
820-630-158	1	(J2H101) - Tape Cartridge (KS-21439 Data Cartridge) No. 2B ESS Arranged With 2-Wire Features	820-651-150	1	(J3H001) - No. 3 ESS Equipment Design Requirement — Electronic Switching System
820-7 1A ESS, 4ESS™, No. 1A Processor, and Remote Switching Systems					
No. 1A Processor					
820-701-150	3	(J5A001) - Processor Peripheral Interface Frame, Control and Display Frame, and Master Control Console — Arranged for 1A ESS Switch 2-Wire and 4ESS Switch			
820-701-151	2	(J5A005) - Central Control Frame — 1A Processor — Arranged for 1A ESS* Switch 2-Wire and 4ESS Switch			

Number	Issue	Subject	Number	Issue	Subject
820-701-152	3	(J5A006) - Input/Output Frame and Input/Output Processor Frame — 1A Processor Arranged for 1A ESS Switch 2-Wire and 4ESS Switch	820-741-151	1	(J4A002) - Time Multiplexed Switching Frame
			820-741-152	1	(J4A003) - Signal Processor 1
			820-741-153	2	(J4A004) - Network Clock Frame
820-701-153	1	(J5A002) - Tape Frame — Arranged for No. 1A ESS With 2-Wire Features and No. 4ESS	820-741-154	1	(J4A005) - Peripheral Unit Bus Branching Frame
			820-741-156	3	(J4A007) - Remote Office Test Line Frame
820-701-154	1	(J5A003) - Call Store and Program Store — Arranged for No. 1A ESS Arranged With 2-Wire Features and No. 4ESS	820-741-157	1	(J4A008) — Signal Processor 2
			820-741-158	2	(J4A009) - Common Channel Interoffice Signaling Terminal Group
820-701-155	1	(J5A004) - File Store Frame — 1A Processor	820-741-159	2	(J4A010) - Miscellaneous Frames A and B
820-701-156	2	(J5A007) - Power Conversion and Distribution Frame for Use With 1A ESS* 2-Wire and 4ESS 1A Processor	820-741-160	2	(J4A011) - Network Management Display — No. 4ESS
			820-741-161	1	(J4A012) - Office Alarm Grid Equipment
820-701-161	1	(J5A012) - Attached Processor Interface Frame — Equipment Design Requirements — Electronic Switching Systems	820-741-164	1	(J4A015) - Digital Services Complex - No. 4ESS
			820-741-165	1	(J4A016) - Multifrequency Compelled Transceiver Frame
1A ESS			820-741-166	1	(J4A017) - Network Services Complex
Addendum	3				
820-720-180	1	Performance Requirements — Arranged With 2-Wire Features	Remote Switching System		
820-721-150	1	(J6A001) - Trunk and Line Test or Supplementary Trunk Test Frame — Arranged With 2-Wire Feature	820-760-001	1	Remote Switching System Frame — No. 10A
			820-760-002	3	No. 10A — Remote Switching System — Performance Requirements
4ESS					
820-740-150	1	(J4A000) - No. 4ESS — Summarizing Specification	820-8 5ESS Switch		
820-740-151	1	Spare Parts Requirements	820-800-000	1	General Information Specification
820-740-152	1	Trunk Compatibility — No. 4ESS	820-800-004	1	Line Unit
820-740-180	1	Performance Requirements — No. 4ESS	820-800-005	1	Miscellaneous (7-Foot) Cabinet
			820-800-009	1	Line Interface Frame (J5D012) - Network Management Frame
820-741-150	1	(J4A001) - Time-Slot Interchange Frame			

Division 821**Equipment Design and General Requirements and Engineering Information — Traffic Service Systems****821-0 Indexes, General Information, and Miscellaneous Equipments****821-1 Traffic Service Position System No. 1****821-4 Automatic Intercept System****821-7 Switchboards and Operating Room Desks and Associated Equipment****821-9 Auxiliary Service Positions**

Number	Issue	Subject
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821-0 Indexes, General Information, and Miscellaneous Equipments**Indexes**

821-000-000	7	Numerical Index — Division 821 — Equipment Design and General Equipment Requirements and Engineering Information — Traffic Service Systems
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General

821-005-150	5	(J99280) - Centralized Supervisory Equipment
Addendum	1	
821-006-150	3	(J1B023) - Mechanized or Programmable System for Operator Training — Traffic Service Position No. 100B or 100C
821-006-151	6	(J61532) - Toll Operators Training Equipment
Addendum	1	
821-006-152	3	(J61565) - No. 3CL Switchboard Energized Permanent Operator — Training Equipment
821-006-153	3	(J92901) - DSA Operators' No. 2B Training Equipment
821-006-154	1	(J92902) - 3A Information Operator's Training Equipment
821-006-155	4	(J92903) - No. 4A Operator Training Equipment

Number	Issue	Subject
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821-006-156	2	(J92904) - Operators Key pulsing Drill Table
821-006-157	1	(J99249) - Portable Switchboard Section — CAMA Training
821-007-150	1	(J61557) - Toll Switchboards — Modifications Required to Provide Mobile Radio Telephone Service
821-007-151	5	(J67301) - Pneumatic Ticket Distributing System — Toll Switchboards No. 1, 3, and 3C
821-007-155	6	(J65701) - Distributing, Ticket Filing, and Rate Quoting Desk No. 43A, 43B and 43C
821-007-180	2	Performance Requirements — Pneumatic Ticket Distributing System
821-009-150	4	(J99224) - Noise Reduction Equipment for Operating Rooms

821-1 Traffic Service Position System No. 1**General**

821-100-150	3	(J1B000) - General
821-100-180	3	Performance Requirements
821-101-150	4	(J1B017) - Trunk Tables Showing Trunk Equipment Arranged by Functions and Features — No. 1 and 1B

Frames

Addendum	2	
821-120-150	6	(J1B001) - Universal Trunk Frame
Addendum	1	
821-121-150	5	(J1B002) - Trunk Link Network Frames — No. 1 and 1B
Addendum	1	
821-122-150	4	(J1B003) - Position Link Network Frames
Addendum	1	
821-123-150	5	(J1B004) - Miscellaneous Trunk Frame
Addendum	1	
821-124-150	5	(J1B005) - Position Group Gate Frame
Addendum	1	
821-125-150	5	(J1B006) - Position Scan Frame

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		Addendum	1	
821-126-150	6	(J1B007) - 100C Traffic Service Position Section and Associated Operating Room Equipment	821-138-153	2	(J1B048) - Test and Display Frame — Traffic Service Position System No. 1 — Position Subsystem No. 2 — Remote Trunk Arrangement No. 1
821-127-150	4	(J1B008) - Recorded Announcement Frame			
821-128-150	7	(J1B009) - Miscellaneous Frame and Units — Traffic Service Position System No. 1, 1B	821-138-154	2	(J1B044) - Remote Trunk Arrangement No. 1
Addendum	1		821-138-155	2	(J1B046) - Concentrator Frames
821-129-150	3	(J1B010) - Communication Bus Translator Unit — No. 1 and 1B	821-138-156	3	(J1B050) - Remote Carrier Transfer and Miscellaneous Units Frame — Position Subsystem No. 2 — Remote Trunk Arrangement No. 1
Addendum	1		Addendum	1	
821-130-150	6	(J1B011) - Control, Display Test Frame	821-139-150	2	(J1B053) - Controller Frame — No. 1, 1B — Station Signaling and Announcement System
821-131-150	3	(J1B012) - Automatic Message Accounting Frame			
821-131-151	3	(J1B031) - Test Tape for 9-Track AMA (J1B014) - Remote Power Distributing Frame — Miscellaneous Power Distributing Frame — No. 1 and 1B — Equipment Design Requirements	821-139-151	2	(J1B054) - Service Circuit Frame — Station Signaling and Announcement Subsystem — No. 1B
821-133-150	6	(J1B016) - Position Signal Distributor Frame	Miscellaneous Equipment		
821-134-150	3	(J1B018) - Time of Day Frame	821-181-150	6	(J1B013) - Store Memory Magnetic Tapes
821-135-150	5	(J1B019) - Position Buffer Frame	821-181-151	1	(J1B056) - Main Store Memory Magnetic Tapes — Traffic Service Position System No. 1B
Addendum	2				
821-136-150	3	(J1B035) - Teletypewriter Trunk and Buffer Frame (TTY T&B) — Teletypewriter Buffer Frame (TTY B) and Data Set Frame (DS)	821-182-150	1	(J1B052) - Trunk Monitor and Make Busy Unit — Traffic Service Position System No. 1 — Remote Trunk Arrangement No. 1
821-137-150	1	(J1B051) - Signaling Converter and Simplex Inductor Frame	821-4 Automatic Intercept System		
821-138-150	3	(J1B043) - Position and Trunk Control Frame — Position Subsystem No. 2/Remote — Trunk Arrangement No. 1	General		
821-138-151	3	(J1B049) - Position Voice Control Frame — Position Subsystem No. 2	821-400-150	1	(J1B020) — General
Addendum	1		821-400-180	1	Performance Requirements
821-138-152	2	(J1B041) - Group Gate Frame Traffic Service Position System No. 1, 1B — Position Subsystem No. 2/Remote Trunk — Arrangement No. 1	Frames		
			□ 821-410-150	2	(J2H002) - Central Processor Frame — No. 2 ESS™ Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS (Also numbered NOTE: Replaced by 820-630-150)

Number	Issue	Subject	Number	Issue	Subject
□ 821-410-151	3	(J2H003) - Maintenance Center Frame — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS (Also numbered NOTE: Replaced by 820-640-150	821-700-152	1	(J61541) - Toll Switchboard No. 1 — AC Key Pulsing and Associated Cord Modifications
□ 821-410-152	2	(J2H005) - Call Store — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS (Also numbered 820-630-151) NOTE: Replaced by 820-630-151	821-700-153	6	(J61554) - No. 1 Toll Switchboard — 92 Jack — Three and Nine 8-1/2 Inch Panel Sections
821-410-153	2	(J1B021) - Automatic Intercept Center No. 1A	Addendum	1	
□ 821-410-154	3	(J1A043) - Master Scanner Frame — No. 1 ESS Arranged With 2-Wire, 4-Wire, and Data Features or No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS (Also numbered 820-232-150 and NOTE: Replaced by 820-322-150	821-700-154	3	(J61525) - No. 1, 3, 3C, and 3CL Toll Switchboards — Intertoll Dialing Equipment Arranged for CX, SX, SF, or N1 Carrier Signaling
			821-700-157	6	(J61555) - No. 3 Toll Switchboard — 92 Jack Switchboard Equipment — Three or Nine 8-1/2 Inch Panel Sections
			Addendum	1	
			821-700-159	7	(J61528) - No. 3CL Toll Switchboard — Keyshelf Height 40 Inches — Position Lower Unit Equipment — 8-1/2 Inch Panel Section
			821-700-160	4	(J61529) - No. 3C Toll Switchboard Equipment
			Addendum	1	
□ 821-410-155	2	(J2H027) - Program Store Frame — No. 1 ESS Arranged With 2-Wire Features or Automatic Intercept Center 1A in AIS (Also numbered NOTE: Replaced by 820-630-154	821-700-161	6	(J61540) - No. 3C and 3CF Toll Switchboards — Keyshelf Height 30 Inches — Position Unit Equipment — 8-1/2 Inch Panel Sections
			821-700-162	5	(J61535) - No. 3CF Toll Switchboard and Associated Equipment
			Addendum	1	
Miscellaneous			821-700-165	7	(J91107) - No. 3CL Switchboard — Positional Lower Unit Equipment — Toll and Dial Systems "A" Switchboards
821-420-150	2	(J1B022) - Centralized Intercept Bureau No. 1A for Use in Automatic Intercept System			
821-420-151	1	(J1B032) - Program Store Memory — No. 1A	821-700-166	2	(J91110) - No. 3CL Switchboard — 8-1/2 Inch Panel Switchboard Sections
821-420-152	1	(J1B042) - File Access Subsystem — For Use With Automatic Intercept Center No. 1A	821-700-167	2	(J91111) - Miscellaneous Switchboard Position Equipment — Toll, DSA, and Manual Switchboards
821-420-153	2	(J1B055) - No. 2 Data Base Administration System	821-700-168	3	(J91112) - AC Lamp Equipment for Idle Indication — DSA, Toll, and Telegraph Switchboards
			821-700-180	2	Performance Requirements — No. 1 and 1B Toll Switchboards — No. 3, 3B, 3C, 3CF, and 3CL Switchboards
821-7 Switchboards and Operating Room Desks and Associated Equipment					
821-700-150	4	(J91501) — 8 1/2" Panel Switchboard Sections			

Number	Issue	Subject	Number	Issue	Subject
821-701-150	7	(J61558) - No. 5 Toll Switchboard — Position Lower Unit Equipment — 8-1/2 Inch Panel Sections	821-706-152	10	(J61533) - Relay Rack Mounted Units — Toll Switchboards
821-701-151	4	(J61559) - No. 5 Toll Switchboard — Switchboard Equipment	821-706-153	5	(J61571) - Intertoll Trunks — Relay-Rack Mounted Units — Toll Switchboards
821-701-155	1	(J61568) - No. 5C Switchboard — Switchboard Equipment	Addendum	1	
821-701-159	3	(J61566) - No. 5C and 5D Switchboards — Position Lower Unit Equipment — 8-1/2 Inch Panel Sections	821-706-154	8	(J61572) - Toll Switching Trunk — Relay Rack Units — Toll Switchboards
821-701-160	2	(J61567) - No. 5D Switchboard — Switchboard Equipment	Addendum	1	
Addendum	1		821-706-155	3	(J61574) - Subscriber Lines — Relay Rack Units — Toll Switchboards
821-702-150	1	(J1B029) - Incoming, Outgoing, and 2-Way Trunks — Relay Rack Units	Addendum	1	
821-702-151	7	(J61585) - Incoming, Outgoing and Two-Way Trunks — Relay Rack Units — Toll Switchboards	821-706-156	4	(J61575) - Operator Office Trunks — Relay Rack Units — Toll Switchboards
821-703-150	2	(J1B030) - Multipoint Conference Service- Trunk and Control Equipment	821-706-157	4	(J61576) - Tandem Trunks — Relay Rack Mounted Units — Toll Switchboards
821-703-151	1	(J1B036) - Trunk Equipment — Coastal Harbor Radio Telephone Service — Single Sideband Operation for Use With Toll Switchboards — No. 3, 3C and 3CL	821-706-158	5	(J61577) - DSA Service — Relay Rack Mounted Units — Toll Switchboards
Addendum	1		821-706-159	2	(J61578) - Intraoffice Trunks — Relay Rack Mounted Units — Toll Switchboards
821-704-150	11	(J94910) - Framework and Equipment for No. 23 Operating Room Desk	Addendum	2	
821-704-151	5	(J94911) — No. 23 — General	821-706-160	8	(J61579) - Miscellaneous Relay Rack Units — Toll Switchboards
821-704-152	1	(J1B037) — Incoming Trunk Test Set for Use With No. 23 Operating Room — Desk Trunk Concentrator Arranged for ANI Operation — AIS System	821-708-150	9	(J61504) - Sender Frames and Units and Associated Sender Test Frame Equipment for Use With No. 1, 3, 3B, 3C, and 3CL Toll Switchboards Arranged to Receive DC or MF Key pulses and Transmit Revertive Pulses
821-704-180	1	Performance Requirements — Operating Room Desks — No. 23A, 23B, 23C, and 23D	821-708-151	8	(J93201) - Sender Frames and Units and Associated Equipment for Use With No. 1, 1B, 3, 3B, 3C, and 3CL Toll Switchboards and No. 15C or 15D Switchboard in Step-by-Step Offices and With Incoming Multifrequency Intertoll Trunks
821-706-150	6	(J61573) - Recording and Recording Completing Trunk — Relay Rack Mounted Units — Toll Switchboards	821-708-152	7	(J98401) - Links and Link Frame for Use With No. 1, 1B, 3, 3B, 3C, and 3CL Toll Switchboards or Step-by-Step DSA Switchboard
Addendum	1				
821-706-151	12	(J61508) - Relay Rack Mounted Units — Toll Switchboards			

Number	Issue	Subject	Number	Issue	Subject
821-709-150	8	(J93401) - Sender Test Frame, Manual Tests Units, and Common Timing and Alarm Units for Testing Senders Arranged to Receive DC Key Pulses or Multifrequency Pulses and to Transmit Dial Pulses for Use With No. 1, 1B, 3, 3B, 3C, or 3CL Toll Switchboard and No. 15-Type Switchboard in Step-by-Step Offices or With Incoming Multifrequency Intertoll Trunks	821-715-152	6	(J93002) - Equipment Arrangements for Information Trunks Arranged for Transfer — No. 1 and 2 Information Desks and No. 17D and 19 Operating Room Desks
Addendum	1		821-716-152	3	(J95408) - No. 2 Information Desk
821-709-151	3	(J63003) - Position Test Units — No. 1, 3, 3B, and 3C Toll Switchboards — No. 3CL and 11 Switchboards — No. 8 Test and Control Board — No. 5, 16, 17B, and 18B Testboards — No. 9 Telegraph Testboard	Addendum	2	
821-709-152	4	(J64717) - Control Set (Box Type) for Position Test Circuit — No. 3, 3B, and 3C Toll Switchboards, No. 11 Switchboard, No. 8 Test and Control Board, No. 5, 16, 17B and 18B Toll Testboards, No. 9 Telegraph Testboard	821-716-153	7	(J95401) - No. 3 and 3B Information Desk
821-709-153	2	(J64728) - Testing and Maintenance — Position Testing Control Set and Associated Relay Rack Unit — No. 5, 5C, and 5D Toll Switchboards	821-716-154	4	(J95404) - No. 4 and 4B Information Desks
821-709-154	7	(J64703) - Control Test Set (Box Type) for Continuity and Multiple Jack Testing — No. 1, 1B, and 2 Toll Switchboards — No. 5 and 17C Testboard — No. 18B Testboard in No. 1 or 4 Toll Office — No. 1D, 10, and 11 Switchboards — No. 1 Toll Tandem Switchboard — Tandem Patching Bay — No. 9 Telegraph Testboard	821-716-156	2	(J95406) - Information Desks No. 6A, 6B, 6D, and 6F
Addendum	1		Addendum	2	
821-715-150	3	(J95405) - Equipment in Outlying Offices Associated With Information Desks No. 2, 3, 3A, 3B, 4, 4A, 4B, 6A, 6B, 6C, 6D, 6E, 6F, 7, and 7A and Operating Room Desk No. 19, 23E, and 23F	821-716-160	2	(J95412) - Information Desks No. 3A, 4A, 6C, and 6E — Modification of Existing Installations to Increase Speed of Trunk Hunting Selectors
			821-716-180	1	Performance Requirements — Information Desks No. 3, 4, 6A, and 6B — Order Turret No. 3
			Addendum	1	
			821-717-150	6	(J95414) - No. 7 and 7A Information Desks

821-9 Auxiliary Service Positions

821-901-150	2	(J1B027) - Position Simulator Test Set — No. 1A, 2A, 2B, 2C
821-902-150	2	(J1B028) - Position Test Set — No. 1A, 2A, 2B, 2C
Addendum	1	
821-903-150	2	(J1B024) - No. 1A
Addendum	1	
821-903-151	2	(J1B025) - Framework and Equipment
Addendum	1	
821-904-150	4	(J1B026) - No. 1A, 2A, 2B, or 2C, — Relay Rack Mounted Units

Number	Issue	Subject
Addendum	1	
821-905-151	1	(J1B038) - No. 5B1 and 5C1 for Use With No. 5 Crossbar ACD — Not Arranged for Call Transfer
821-905-152	1	(J1B039) - No. 5B2 & 5C2 and Associated Supervisory Equipment for Use With No. 5 Crossbar ACD — Arranged for Call Transfer

Division 822**Equipment Design and General Requirements and Engineering Information — Traffic Management Systems****822-0 Index****820-1 Traffic Data Recording and Measuring****820-2 Service Observing and Evaluation**

Number	Issue	Subject
822-0 Index		
822-000-000	57	Numerical Index — Division 822 — Equipment Design and General Equipment Requirements and Engineering Information — Traffic Management Systems
822-1 Traffic Data Recording and Measuring		
822-101-150	2	(J92606) - No. 1 Portable Traffic Usage Recorder
822-101-170	1	No. 1 Portable
822-102-150	6	(J99263) - 2A Traffic Usage Recorder (CTUR)
822-103-150	4	(J99319) - 3B Traffic Usage Recorder
822-104-150	3	(J3B012) - 3C Traffic Usage Recorder and BOFADS Interface Equipment for Use With Key Telephone Systems
822-104-151	1	(J3B042) - Traffic Data Interface for Use With Key Telephone Systems in the Business Office Force Administration — Data Systems (BOFADS)
822-105-150	9	(J92604) - 4A Traffic Usage Recorder
822-105-170	3	Traffic Usage Recorder
822-110-150	7	(J3B005) - Traffic Measurement System No. 1A
822-110-170	1	Traffic Measurement System No. 1A — General Features and Arrangements

Number	Issue	Subject
Addendum	1	
822-115-150	2	(J92610) - Traffic Data Recording System No. 1A
822-115-151	2	(J92612) - Traffic Data Summarizer — Traffic Data Recording System No. 1A
822-115-152	1	(J92613) - Traffic Data Remote Recorder — Traffic Data Recording System No. 1A
822-115-153	2	(J94734) - Traffic Data Converter Test Set — Traffic Data Recording System No. 1A
822-115-180	2	Performance Requirements for Traffic Data Summarizer — Traffic Data Recording System No. 1A
822-116-150	1	(J3B018) - Engineering and Administrative Data Acquisition System (EADAS) — Central Office Terminal Equipment
822-116-151	1	(J3B019) - Engineering and Administrative Data Acquisition System (EADAS) — Central Unit
■ 822-116-152	1	(J3B020) - Engineering and Administrative Data Acquisition System (EADAS) — Generic Program
822-116-153	1	(J3B022) - Engineering and Administrative Data Acquisition System/Network Management System
822-116-154	1	(J3B023) - Engineering and Administrative Data Acquisition System (EADAS) — Pollable Data Terminal No. 1A
822-120-150	2	(J92605) - Traffic Register Camera Control Panel — Traffic Register Camera Control Unit
822-121-150	4	(J92609) - KS-15947 Totalizer and KS-15946 Totalizer Test Set
822-121-151	2	(J3B014) - Switchboard Totalizer Interface Equipment
Addendum	1	
822-122-150	3	(J92614) - Administrative Cabinet Equipment
822-123-150	10	(J93809) - Answering Time Recorders for Use With Manual, DSA, or Toll Switchboards and No. 3 Order Turret

Number	Issue	Subject	Number	Issue	Subject
Addendum	3		822-204-158	3	(J3B007) - No. 5 Crossbar Automatic Call Distributing
822-125-150	6	(J99231) - Dial Tone Speed Register and Indicating Equipment	Addendum	1	
822-125-151	3	(J3B021) - Electronic Dial Tone Speed Register Unit	822-204-159	1	(J79910) - Equipment Units for Service Observing No. 6A Teletypewriter Switchboard — Central Office Data Systems
822-126-150	4	(J3B008) - Traffic Measurement Equipment for Use With No. 5 Crossbar Office — Arranged for Automatic Call Distribution	822-204-160	2	(J1A046) - Equipment Units for Service Observing in an Electronic Switching System No. 1 Office
822-128-150	1	(J3B017) - Cord Switchboard FADS Interface Unit	Addendum	1	
822-2 Service Observing and Evaluation			822-204-161	2	(J70151) - Operator Training and Position Monitoring Desk for Use with No. 6A TWX Switchboard Line Service Observing Teletypewriter Auxiliary Equipment for Use With No. 7 or 12 Service Observing Desk
822-201-150	3	(J93805) - Central Service Observing Desk	822-204-171	3	No. 12 Service Observing Desk — General Information — Desk Circuits and Equipment
Addendum	1		822-204-172	1	Incoming Intertoll Service Observing Circuits
822-202-151	3	(J33023) - Relay Rack Units for Service Observing	822-204-173	2	No. 12 Service Observing Desk — Cord Service Observing Circuits
822-202-152	3	(J93018) - Equipment Units for No. 7 Service Observing Desk Position and Relay Rack Units for Service Observing	822-204-174	2	No. 12 Service Observing Desk — Speed-of-Answer and Auxiliary Service Observing Circuits
822-203-150	6	(J93811) - No. 10 Service Observing Desk	822-204-175	2	No. 12 Service Observing Desk — Local Dial Line Service Observing Circuits
822-204-150	4	(J93814) - No. 12 Service Observing Desk	822-204-176	2	No. 12 Service Observing Desk — AMA and CAMA Service Observing Circuits
822-204-151	15	(J93815) - Equipment Units for No. 12 Service Observing Desk and No. 7 Service Observing Desk Modified for No. 12 Service Observing Desk Facilities	822-204-177	1	No. 12 — Data Systems Service Observing Circuits
822-204-152	7	(J93004) - Relay Rack Units for Service Observing Desks	822-204-180	1	Performance Requirements for Operator Training Desk Used with No. 6A Teletypewriter Switchboard
822-204-153	12	(J93802) - Monitoring Amplifiers and Associated Units	822-204-181	1	Performance Requirements for Position Monitoring Desk Used with No. 6A Teletypewriter Switchboard
Addendum	2		822-204-182	5	Performance Requirements for Incoming Trunk and Distribution Position, Telephone, and MF Receiving Circuits — No. 7 or 12 Service Observing Desk
822-204-154	3	(J23850) - Service Observing Frame and Units — Automatic Message Accounting			
Addendum	1				
822-204-155	2	(J99298) - Equipment Units for Service Observing No. 100A Traffic Service Position			
822-204-156	2	(J3B001) - Equipment Units for Service Observing AMA-DDD Outgoing Traffic in No. 1 Electronic Switching System			
822-204-157	3	(J3B003) - Service Observing Frame for Observing on Traffic Service Position System No. 1			

Number	Issue	Subject
822-205-150	6	(J23851) - Service Observing Patching Panel for Patching Service Observing Call Thru Test Set, and Cord Monitoring — No. 1 and No. 5 Crossbar Systems
822-210-150	3	(J99207) - Central Office Observing Set No. 2
822-211-150	4	(J93813) - No. 4 Service Observing Set and No. 2 Dial Pulse Recorder Set — Portable Type
822-212-150	5	(J93806) - No. 6 Service Observing Set
822-213-150	2	(J3B015) - No. 7B Service Observing Set
822-213-151	2	(J3B013) - Console for Use With No. 7B Service Observing Set
Addendum	1	
822-220-150	1	(J3B009) - Special Studies Set No. 1A
822-220-151	2	(J3B010) - Call Data Recorder for Use With Special Studies Set No. 1A
822-220-152	2	(J3B011) - Signal Converter
822-230-150	2	(J3B025) - Service Evaluation System No. 1A — Minicomputer Subsystem
Addendum	1	
822-230-151	1	(J3B026) - Service Evaluation System No. 1A — Signal Converter/Allotter
822-230-152	1	(J3B028) - Service Evaluation System No. 1A — Signal Converter/Allotter Test Set
822-230-157	1	(J3B041) - Evaluator Certification and Instruction — Call Simulator and Control Cabinet — Service Evaluation System No. 1A

Division 823**Equipment Design and General Requirements and Engineering Information — No. 101 Electronic Switching System****823-0 Indexes, General Information, and Miscellaneous Equipments****823-1 Customer Premises Equipments****823-2 Central Office Equipments**

Number	Issue	Subject
823-0 Indexes, General Information, and Miscellaneous Equipments		
Indexes		
823-000-000	35	Numerical Index — Division 828 — Equipment Design and General Equipment Requirements and Engineering Information — No. 101 Electronic Switching System
General		
823-005-150	3	(J1H000) - General
823-005-180	1	Performance Requirements

823-1 Customer Premises Equipments

823-101-155	2	(J1H021) - Optional Equipment for 2A and 3A Switch Units
823-102-150	6	(J1H012) - 2A Switch Unit
Addendum	1	
823-103-150	3	(J1H013) - 3A Switch Unit
823-104-150	3	(J1H018) - 4A Switch Unit — Summarizing Specification
823-104-151	3	(J1H014) - Line Connector
823-110-150	4	(J1H020) - Wall Cabinets

Number	Issue	Subject
823-2 Central Office Equipments		
Addendum	1	
823-201-150	2	(J1H001) - Control Unit — Summarizing Specification
823-205-150	4	(J1H008) - Semipermanent Stores
823-210-150	8	(J1H002) - Call Processor Frames
823-211-150	6	(J1H003) - Line Data Frame
823-212-150	6	(J1H004) - Digit Data Frames
823-213-150	8	(J1H005) - Trunk Control Frame and Associated Trunk Relay Frame Equipment
823-214-150	6	(J1H010) - Trunk Relay Frame
823-215-150	7	(J1H006) - Maintenance Center
823-217-150	3	(J1H022) - Program Store Memory

Division 824**Equipment Design and General Requirements —
Operations Support Systems****824-0 Index****824-1 Equipment Requirements and Engineering Information****-100 Central Office Switching****-101 Transmission****-102 Miscellaneous****-103 OS Equipment**

Number	Issue	Subject
824-0 Index		
824-000-000	94	Numerical Index — Division 824 — Equipment Design and General Equipment Requirements and Engineering Information — Operations Support Systems (5-95)

824-1 Equipment Requirements and Engineering Information**824-100 Central Office Switching**

Addendum	1	
824-100-102	1	(J1P006) — No. 1 Automatic Message Accounting Recording Center for Use in Recording of Calling Data From Remote Central Office Locations
824-100-103	2	(J1P035) — General Outline Operating and Equipment Features — Automatic Trouble Analysis System
824-100-105	4	(J1P040) — No. 1A Automatic Message Accounting Recording Center
824-100-106	1	(J1P044A) — Remote Memory Position
824-100-108	1	Remote Memory Administration System 1RM2 — Equipment Design Description

Number	Issue	Subject
824-100-110	4	(J1C016) — Switching Control Center Equipment — No. 1 Switching Control Center System
824-100-111	1	Performance Requirements — Centralized Switching Systems Maintenance — Switching Control Center Equipment — Common
824-100-112	2	(J1P018) — Switching Control Center Equipment — No. 2 Switching Control Center System and Automatic Trouble Analysis System
824-100-113	1	Performance Requirements — Centralized Switching Systems Maintenance — Switching Control Center System Central Control Unit — Common
824-100-114	1	(J1P003) — Central Unit and E2A Remote Unit Equipment — Centralized Status, Alarm and Control System — Common
824-100-118	1	(J1P086) — COMPULERT® Computer Administration and Maintenance System

824-101 Transmission

824-101-100	2	(J1P001) — Circuit Maintenance System 1A
824-101-101	2	(J1P000) — Test Position No. 51A
824-101-102	2	(J1P017) — Surveillance and Control of Transmission System (SCOTS) — Transmission
824-101-103	1	(J1P012) — Outgoing Trunk Testing System
824-101-104	2	(J98722) — T-Carrier Administration System — Remote Office Equipment for Use With Digital Transmission Systems
824-101-105	2	(J63006) — Cable Pressure Telemetry — Central Control Unit
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* Jerrold is a registered trademark of General Instrument Corporation

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915-710-111	2	Fiber SLC 96 Carrier System — Application Engineering
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■ 915-710-115	3	SLC Series 5 Carrier System — Application Engineering (11-94)

Number	Issue	Subject
Appendix 1	1	SLC Series 5 Carrier System — Application Engineering ALIC5 Cutover (6-93)
Ø915-710-116	4	SLC Series 5 Carrier System — Channel Unit Application and Prescription Setting Note: Available in electronic form in 300-100-XXX.
915-710-120	1	Digital Carrier Line Unit 5 (DCLU 5) Application and Engineering
Addendum	1	
915-720-110	1	SLC 40 Subscriber Loop Carrier System — Engineering and Implementation
Addendum	1	
915-774-110	1	Loop Switching System (LSS) — Engineering and Implementation
915-774-200	2	The Gfeller* Automatic Subscriber Line Concentrator — General Description and Application
915-774-210	1	Line Concentrator No. 1A 50- and 100- Line Remote Units — General Description and Application
915-775-110	1	No. 10A Remote Switching System (RSS) — Pair Gain Application — Engineering and Implementation
915-776-110	1	SLC 8 Subscriber Loop Carrier System — Engineering and Implementation
Addendum	1	
915-776-300	1	U-1 Carrier Systems — Application and Engineering Considerations
915-800-100	1	Telephone Service to Marinas — Engineering and Design Guidelines

915-8 Special Outside Plant Systems

915-890-100	3	Rural Area Network Design (RAND) — General Principles
915-890-101	2	Rural Area Network Design (RAND) — Design and Implementation

* Gfeller is a registered trademark of Gfeller AG

Number	Issue	Subject
915-890-110	1	Emergency Telephone Reporting Systems
915-890-200	1	Closed Circuit Television Systems
915-890-210	1	Coaxial Cable Video Transmission Systems — RF-Type — General Design Considerations
915-890-215	1	Coaxial Cable Television Systems — RF- Type — 54- to 216-Megacycle Band Design
915-890-310	1	Engineering and Implementation Methods System (EIMs) for Picturephone Pair Suitability Testing

Division 916**Outside Plant Engineering — Facility Design —
Feeder Facilities****916-0 Index****916-1 Design****916-2 Relief****916-5 Terminating Facilities****Number****Issue****Subject****916-2 Relief**

916-250-250	2	Relief
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916-5 Terminating Facilities

916-559-700	1	COSMIC® II Main Distributing Frame — Implementation Guidelines — Distribution Service Planning, Engineering, and Construction
916-559-770	10	Cable Terminating Apparatus — Selection — Distributing and Protector Frames

Number**Issue****Subject****916-0 Index**

916-000-000	17	Numerical Index — Division 916 — Outside Plant Engineering — Facility Design — Feeder Facilities
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916-1 Design

916-100-001	1	Engineering and Implementation Methods System — Feeder Cable Facilities
916-100-002	1	Designing Digital — Loop Carrier Systems
916-100-010	1	Overview
916-100-011	1	Getting Started
916-100-012	1	Monitoring the Route
916-100-013	1	Planning New Facility Projects With Cable
916-100-014	1	Planning New Facility Projects With Pair Gain Systems
916-100-015	1	Committing Existing and New Facilities
916-150-380	1	Stubbing
Addendum	1	
916-150-400	1	Multipling

Division 917**Outside Plant Engineering — Facility Design — Distribution Facilities****917-0 Index****917-1 General Information****917-2 Aerial Cable****917-3 Buried Cable****917-4 Building Cable****917-5 Wire****917-6 Rehabilitation**

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917-100-001	1	Engineering and Implementation Methods System for Distribution Facilities
917-152-100	2	General
917-152-200	2	Distribution Cable Design — Cable Sizing and Transmission
917-152-250	1	Administration of Distribution Cable Facilities
917-2 Aerial Cable		
917-252-300	1	Distribution Cable Design — Self-Supporting Aerial Cable Facilities
Addendum	1	
917-272-800	1	Use of Increased Span Lengths in Cable Line Construction

Number	Issue	Subject
917-3 Buried Cable		
917-300-100	1	Preterminated Buried Cable (Service Wires) — Engineering and Design Guidelines
917-352-310	1	Distribution Cable Design — Serving Mobile Homes
917-356-001	2	Engineering and Implementation Methods System for New Buried Distribution Facilities
Addendum	1	
917-356-100	2	Buried Urban Distribution Systems
917-356-101	2	Buried Cable Systems — Joint Random Separation
917-356-103	2	Selecting Locations for Plant Near Power Stations — Engineering Guidelines
917-356-105	1	Soil Erosion Control
917-356-201	1	Buried Nonurban Cable Systems

917-4 Building Cable

917-454-001	1	Administrative Procedures and Methods Responsibilities of Building Industry Consulting Service
917-454-002	1	Administrative Procedures and Methods Building Industry Consultant (BIC) Force Structure
917-454-003	1	Administrative Procedures and Methods BICS Staff Functions
917-454-004	1	Administrative Procedures and Methods Clerical Support
917-454-005	1	Administrative Procedures and Methods Force Planning and Management
917-454-006	1	Operational Review Procedures for Building Industry Consultants
Addendum	1	
917-454-100	4	General Considerations of Building Cable Systems
917-454-200	4	Housing Facilities
917-454-300	4	Design Illustrations
Addendum	1	
917-454-400	4	Design Data
917-454-410	1	Housing Design Data — Garden Apartments

Number	Issue	Subject
917-5 Wire		
917-534-100	1	Multiple Line Wire
917-534-200	1	C Rural Wire
917-6 Rehabilitation		
917-601-001	1	Engineering and Implementation Methods System for Rehabilita- tion of Distribution Facilities
Addendum	1	
917-601-110	3	Guidelines for the Distribution Plant — Facility Analysis Plan — Development of Solution Alterna- tives

Division 918

Outside Plant Engineering — Facility Design — Applied Protection

918-0 Index**918-1 Joint Considerations****918-2 Electronic Protection**

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918-000-000	11	Numerical Index — Division 918 — Outside Plant Engineering — Facility Design — Applied Protection
918-1 Joint Considerations		
Addendum	1	
918-117-090	4	Clearances for Aerial Plant
918-117-095	1	Locating or Removing Nonjoint- Use Poles Near Power Lines
918-117-099	1	Power Line Crossings and Conflicts (Based on Sixth Edition — NESC)
918-117-101	1	Wire Characteristics — Supply Conductors
918-117-103	2	Clearance and Separation Considerations for Long Span Joint Use Construction
918-2 Electrical Protection		
□ 918-216-100	2	Electrical Protection of the Subscriber Outside Plant (Bellcore item — not stocked at Customer Information Center.)

Division 919**Outside Plant Engineering — Facility Design — Structure****919-0 Indexes and General Information****919-1 Pole Lines****919-2 Underground Conduit****919-3 Wire and Cable Spans****919-4 Aerial Wire Considerations****919-5 Aerial Cable Considerations**

Number	Issue	Subject
919-0 Indexes and General Information		
919-000-000	27	Numerical Index — Division 919 — Outside Plant Engineering — Facility Design — Structure
919-000-100	2	Design of Communication Lines Crossing Railroads
919-1 Pole Lines		
919-117-096	1	Outside Plant Protection Considerations Near Extra-High-Voltage Power Lines
■ Addendum AC	1	
919-120-100	2	Planning
919-120-150	1	Numbering of Poles
Addendum	1	
919-120-200	3	Pole Lines — Classifications and Loading
919-120-400	5	Pole Timber Species and Preservative Treatments
919-120-560	4	Grounding or Insulating Guys
■ Addendum AC	1	
919-120-600	2	Design Considerations
919-120-700	2	Design Data

Number	Issue	Subject
919-2 Underground Conduit		

919-240-001	1	Engineering and Implementation Methods System
919-240-100	3	Conduit System Design
919-240-200	2	Conduit Structure Sizing
919-240-300	2	Manholes
919-240-301	1	Manholes — Deep Neck and Offset Access — Special Design Considerations
919-240-302	1	16-Foot Controlled Environment Vault (CEV) — Engineering Considerations
919-240-305	1	Below Ground Electronics Remote Terminal (BERT) — Engineering Considerations
Addendum	1	
919-240-310	1	Manholes and Service Boxes for T-1 Carrier Apparatus Cases
919-240-400	3	Underground Conduit Materials — Types and Fields of Use
919-240-500	1	Special Construction
919-240-510	1	Steel Casing Pipe — Placing — Special Construction
Addendum	1	
919-240-520	1	Conduit Bridge Crossings
919-240-550	1	Tunnels — General Engineering Considerations
919-240-610	3	Cable Entrance Facility (CEF) — Distribution Service Engineering Guidelines

919-3 Wire and Cable Spans

Addendum	1	
919-370-100	2	Wire and Strand Characteristics
919-370-200	2	Effects of Ice, Wind, and Temperature

919-4 Aerial Wire Considerations

919-430-100	1	Characteristics of Open Wire Lines
919-430-650	1	The R Transposition Designs

Number	Issue	Subject
919-5 Aerial Cable Considerations		
919-565-400	1	Selection of Type and Size of Suspension Strand
919-565-401	1	Resultant Storm Loads
919-565-402	1	Span Length Design Curves
919-565-450	1	Special Span Aerial Cable Design

Division 920**Outside Plant Engineering — Facility Design —
Trunk Facilities****920-0 Index****920-1 General****920-2 Cable Design****920-3 Routing****920-4 Lightguide Cable**

Number	Issue	Subject
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920-0 Index

920-000-000	12	Numerical Index — Division 920 — Outside Plant Engineering — Facility Design — Trunk Facilities (5-95)
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920-1 General

920-155-100	1	General
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920-2 Cable Design

920-255-200	1	Facilities, Requirements, and Transmission Design
920-255-210	1	Building-Out Practices for Paired Trunk Cables
920-255-500	1	Trunk Engineering

Number**Issue****Subject****920-3 Routing**

920-375-600	1	Buried Plant Toll Cable Routes
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920-4 Lightguide Cable

□■ 920-400-050AC	1	Outside Plant Route Selection
□■ 920-400-075AC	1	Outside Plant Route Engineering (11-92)
920-400-100	3	Installation Planning — Under- ground
■ 920-400-150AC	1	Outside Plan — Installation — Underground (11-92)
■ 920-400-175AC	1	Physical Diversity Criteria (10- 92)
920-400-200	2	Installation Planning — Buried
920-400-300	1	Installation Planning — Aerial

Division 928**Outside Plant Engineering — Facility Support —
Engineering Support Functions****928-0 Index****928-1 Outside Plant Location Records****928-2 Engineering Work Order****928-3 Miscellaneous Records****928-4 Work Prints****928-5 Maps and Other Documents**

Number	Issue	Subject
Addendum	3	
928-113-300	1	Underground Cable
Addendum	1	
928-113-301	1	Dedicated Outside Plant — Un- derground Cable
Addendum	1	
928-113-400	3	Aerial, Block, Building and Buried Cables
928-113-401	1	Dedicated Outside Plant — Aeri- al, Block, Building and Buried Cables
928-113-600	1	Toll Records — General
928-113-601	1	Toll Cables — Long Haul
928-113-602	1	Toll Cables — Short Haul
928-113-603	1	Toll Aerial Wire

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928-0 Index		
928-000-000	16	Numerical Index — Division 928 — Outside Plant Engineering — Facility Support — Engineering Support Functions

928-2 Engineering Work Order

928-200-100	1	Work Order Flow
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928-3 Miscellaneous Records

928-313-700	1	Miscellaneous
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928-1 Outside Plant Location Records

928-100-030	1	Cable Designations
928-100-050	1	Mapping — General
928-100-060	1	Mapping Program Development
928-100-070	1	Geographic Record Develop- ment
928-100-080	1	Outside Plant Map
928-100-110	1	Feeder Cable Record System
928-100-130	1	Cable Pressure System
928-100-200	1	Distribution Cable Records
928-100-400	1	Conduit Record
928-100-450	1	Geographic Pole Map
928-113-010	2	General Information
928-113-020	1	Alphabetical Street Index
928-113-030	1	Materials and Methods
Addendum	1	
928-113-040	1	Cable Record Preposting
928-113-100	1	Underground Conduit and Buried Cable Location Record
928-113-200	1	Pole Records

928-4 Work Prints

928-411-505	1	Preparation of Work Prints — Job Management Operations System (JMOS)
928-411-510	1	Preparation of Work Prints — General
928-411-511	1	Preparation of Work Prints — Underground Conduit
928-411-512	1	Preparation of Work Prints — Underground Cable
Addendum	1	
928-411-513	1	Preparation of Work Prints — Buried Cable
928-411-514	1	Preparation of Work Prints — Aerial Cable
928-411-515	1	Preparation of Work Prints — Buried Wire
928-411-516	1	Preparation of Work Prints — Aerial Wire
928-411-517	1	Preparation of Work Prints — Poles

Number	Issue	Subject
928-411-518	1	Preparation of Work Prints — Building Cable
928-411-519	2	Preparation of Work Prints — Cable Pressurization
928-411-520	1	Preparation of Work Prints — Trunk and Carrier
928-411-523	1	Revision to Work Prints

928-5 Maps and Other Documents

928-515-212	1	Preparation of Loop Checker Distance Zone Map
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Division 929

**Outside Plant Facility Support — Plant Operating
Support Functions**

929-0 Index**929-1 Transmission Testing**

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929-0 Index		
929-000-000	4	Numerical Index — Division 929 — Outside Plant Facility Support — Plant Operating Support Functions
929-1 Transmission Testing		
929-115-210	1	Subscriber Loop Checking — General Considerations
929-115-211	1	Subscriber Lines — Application of J94024 Loop Checking Sys- tem

Division 930

Outside Plant Facility Support — Maintenance and Upkeep

930-0 Index**930-1 Pole Line****930-2 Cable**

Number	Issue	Subject
930-0 Index		
930-000-000	12	Numerical Index — Division 930 — Outside Plant Facility Support — Maintenance and Upkeep
930-1 Pole Line		
930-120-300	4	Pole Line Maintenance
930-2 Cable		
930-200-001	2	Engineering and Implementation Methods System — Cable Up- keep Systems
930-200-010	2	Air Core Cable Upkeep System Selection
930-210-010	1	Cable Pressure Monitoring Sys- tem (CPMS) — Viability Study, Planning, and Implementation
930-210-020	1	Cable Pressure Standards
930-210-100	1	Design of Air Sources — Trunk and Toll Cable
930-210-200	1	Guidelines for Locating Pressure Monitoring Devices on Trunk or Toll Cables
930-210-500	2	Guidelines for Selective Air Dryers and Emergency Backup Systems

Division 935

Outside Plant Engineering — Management Organizing

935-0 Index

935-1 Administrative Procedures and Methods

Number	Issue	Subject			
			935-111-452	1	Mechanized Scheduling — Input Procedures
935-0 Index			935-111-453	1	Mechanized Scheduling — Operating Procedures
935-000-000	15	Numerical Index — Division 935 — Outside Plant Engineering — Management Organizing	935-111-454	1	Mechanized Scheduling — Error Messages
935-100-102	1	Distribution Service Design Center (DSDC) — Center Description	935-111-455	1	Mechanized Scheduling — Output Reports
935-100-106	1	Distribution Service Design Center (DSDC) — Center Training Description	935-111-460	1	Job Management — Operations — System (JMOS) — Administrative Guide — Overview
935-100-108	1	Distribution Service Design Center (DSDC) — Information Resources Index	935-111-461	1	Job Management — Operations — System (JMOS) — Administrative Guide — Distribution Service Design Center (DSDC) — Design Engineer
			935-111-462	1	Job Management — Operations — System (JMOS) — Administrative Guide — Distribution Service Design Center (DSDC) — Scheduling Engineer
935-1 Administrative Procedures and Methods					
935-111-400	2	Introduction and Outline of Contents			
935-111-401	2	Responsibilities of Outside Plant Engineering	935-111-463	1	Job Management — Operation — System (JMOS) — Administrative Guide — Construction Management Center (CMC) — CMC Supervisor
935-111-402	1	Modular Splicing — Engineering Administration			
935-111-410	2	Force Organization Guidelines	935-111-464	1	Job Management — Operation — System (JMOS) — Administrative Guide — Construction Field Supervisor
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935-111-411	1	Staff Functions			
Addendum	1				
935-111-412	1	Production Procedures			
Addendum	1				
935-111-413	1	Clerical Support Procedures			
Addendum	1				
935-111-414	1	Field Layout Procedures			
935-111-415	2	Connectorized Exchange Cable Splicing (CONECS) System — Engineering Information — Description, Planning, and Installation			

Division 936**Outside Plant Engineering — Management Controlling****936-0 Index****936-1 Quality Control****936-2 Plant Utilization****936-3 Business Information Systems Program (BISP)****936-4 Plant Engineering Administration**

Number	Issue	Subject
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936-0 Index

936-000-000	14	Numerical Index — Division 936 — Outside Plant Engineering — Management Controlling
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936-1 Quality Control

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936-111-101	1	Operational Review Plan for Outside Plant Planning
936-111-102	1	Distribution Service Design Center (DSDC) — Operations Review Procedure

Number**Issue****Subject****936-2 Plant Utilization**

936-211-310	2	Engineering Administration and Application — Outside Plant Facilities Control Plan
936-260-100	1	Conductor Footage
936-260-150	1	Plant Utilization Management for Outside Plant
936-260-200	1	Maximum Fill
936-260-300	1	Main Frame Fill
936-260-400	1	Pair Mile Fill

936-3 Business Information Systems Program (BISP)

Addendum	1	
936-312-100	1	Section of Plant (SOP) Code
936-312-110	2	Taper Codes

936-4 Plant Engineering Administration

936-400-004	1	Defective Pair — Control Plan
936-410-100	1	Preferred Counts

Division 937

Outside Plant Engineering — Management Coordinating

937-0 Index**937-1 Liaison****937-2 Structural Coordination**

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937-0 Index		
937-000-000	9	Numerical Index — Division 937 — Outside Plant Engineering — Management Coordinating
937-1 Liaison		
937-114-001	1	The Liaison Program — General
937-2 Structural Coordination		
937-217-001	3	Coordination Activities With the Edison Electric Institute
937-217-125	1	Joint Use of Wood Poles — General Agreements With Power Companies
937-217-126	1	Division of Cost Methods in Formulating Joint Use Agreements
937-217-130	1	Joint Use of Wood Poles — Agreement Forms for Use With Organizations Financed by the Rural Electrification Administration
937-217-136	2	Contractual and Coordination Considerations in Connection With Use of Power Line Carrier on Rural Electrification Administration Lines
937-217-150	2	Joint Agreements With Power Companies — Random Buried Installations

Division 940**Radio Engineering****Number****Issue****Subject**

940-250-101	1	Equipment Considerations
940-250-102	1	Receiver Noise Measurements
940-250-103	1	One- and Three-Channel Packaged Systems

940-0 Index**940-2 Mobile Radio****940-3 Microwave Radio****940-3 Microwave Radio****940-300 General**

940-300-100	1	General Planning
□ 940-300-120	1	DR6/11-135 Digital Radio System — System Description and Application Engineering
940-300-130	2	6-GHz Digital Guidelines
940-300-140	1	DR6/11-135 Digital Radio System — System Description and Application Engineering NOTE: Contains binder and documents 940-300-141 through 940-300-151
940-300-141	2	Introduction
940-300-142	2	Digital Radio Fundamentals
940-300-143	2	System Description
940-300-144	2	System Features and Specifications
940-300-145	2	System Operation
940-300-146	2	Maintenance Philosophy and Provisions
940-300-147	2	Route Engineering
940-300-148	2	Frequency and Channel Growth Plans
940-300-149	2	System Application and Ordering
940-300-150	2	Recommended Test Equipment and Sparing
940-300-151	2	Related Documentation and Reference Material

940-310 Propagation

940-310-101	2	Path Loss
940-310-102	2	Selective Fading
940-310-103	2	Obstruction Fading and Clearance Considerations
940-310-104	1	Path Testing
940-310-105	2	Fresnel Zones and Their Application to Radio
940-310-106	1	Rain Fading
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940-2 Mobile Radio

940-200-104	1	Closely Coupled Antennas
940-200-106	1	Interference Considerations
940-200-107	1	RF Coaxial Transmission Lines
940-220-100	1	Engineering and Implementation Method System for Domestic Public Land Mobile Systems
Addendum	1	
940-220-105	1	Engineering and Implementation Method System for 150-Megahertz BELLBOY®
940-230-100	1	Estimates of Expected Coverage
940-230-105	1	Air-Ground Radio — Public Service — Transmission Consideration
Addendum	1	
940-230-110	1	Cochannel Interference Studies — Computational Methods — Mobile Radio
940-230-115	1	Transmission — Intermodulation Interference
940-230-120	2	Transmission — Propagation Notes
940-230-125	1	Transmission — Auxiliary Base Transmitter Operation
940-240-120	1	Transmission-Transmitter Combining Networks
940-240-140	1	Antenna Supporting Structures
940-250-100	1	General Considerations and Transmission Design

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940-320 Noise			Addendum	1	
940-320-100	1	General	940-340-154	1	KS-15676 Horn Reflector
940-320-102	1	Noise Tests for Heavily Loaded Short Haul Message Systems	940-340-155	1	KS-15837, 8-Foot, 4-GHz
940-330 Interference			940-340-157	1	KS-15852, 10-Foot, 11-GHz
940-330-100	1	General	940-340-158	1	KS-15924, 10-Foot, 4-GHz
940-330-102	1	Growth Plans and Frequency Coordination for TM-1/11 Gc and TH Radio Systems	940-340-159	1	KS-15970, 5-Foot, 11-GHz
940-330-104	1	Determination and Use of C/I Objective	940-340-161	2	KS-19529, 10-Foot, 6- and 11-GHz
940-330-105	1	Carrier-Beat Interference	940-340-162	1	KS-19530, 6-Foot, 6/11-GHz
940-330-110	4	Microwave Station Record Start Sheets	940-340-163	1	KS-20012 Six-Foot Four-Port 6- and 11- GHz Parabolic Antenna
940-330-111	2	Microwave Path Record Start Sheets	940-340-164	1	KS-20013 Ten-Foot Four-Port 6- and 11- GHz Parabolic Antenna
940-330-120	1	C/I Objectives — 4-GHz Systems	940-340-165	1	KS-20409, 6-Foot, 4-Port, 6/11-GHz
940-330-130	2	6-GHz Systems	940-340-166	1	KS-20410, 10-Foot, 4-Port, 6/11-GHz
940-330-140	1	C/I Objectives — 11-GHz Systems	940-350 Video Transmission		
940-330-150	1	Interference — 2-GHz Systems	940-350-101	2	Local Links
940-330-160	1	Radar Type Testing — Reflective Interference — Radio Engineering	940-382 4-GHz Systems		
Addendum	1		940-382-100	1	General
940-330-201	1	Satellite Systems (ORBCAL Program)	940-382-102	1	TD-3
940-340 Antennas and Reflectors			940-383 6-GHz Systems		
Antenna Systems			Addendum	1	
940-340-102	3	Arrangements	940-383-102	1	Microwave Radio — TH-3
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Waveguide Systems			940-383-112	1	TM-2/TM-2A
940-340-130	1	Microwave Radio — General Theory	940-384 11 GHz Systems		
940-340-131	1	Microwave Radio — Design Considerations	940-384-100	1	Engineering Guidelines
940-340-132	3	Systems Combining Network	940-384-103	1	TL-2
Antenna Specifications			940-384-105	1	3A Radio Digital System
940-340-153	1	KS-15640, 8-Foot, 4-GHz	940-390 FM Terminals		
			940-390-100	1	General
			940-390-101	1	TD-2 (J68336)
			940-390-102	1	TH-1 (J68406)
			940-390-103	1	3-Type (J68383)
			940-390-104	1	4A (J68418)

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940-391-103	2	Transmission Engineering — 100A
940-391-122	3	200A
940-391-131	1	300A
940-391-135	1	Transmission Engineering — 400A System
940-391-151	1	AR 6A 500A and 501A Protec- tion Switching Systems Applica- tion
940-392 Wire-Line Entrance Links		
Addendum	2	
940-392-101	1	3A Wire-Line Entrance Link

Division 951**Equipment Common to More Than One Type of System — General Descriptive Information****951-0 Indexes****951-1 Announcement Systems****951-3 Direct Distance Dialing Equipment and Switched Services Network****951-4 Alarm Control and Order-Wire System****951-5 Recorders, Recorder-Reproducers, and Reporting Systems****951-6 Stored Program Control No. 1A****951-7 Operations Support Systems****951-8 Concentrators****951-9 Miscellaneous**

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951-0 Indexes		
951-000-000	41	Numerical Index — Division 951 — Equipment Common to More Than One Type of System — General Descriptive Information

951-1 Announcement Systems

951-110-100	1	4A Time
951-112-100	3	5A — General Description
951-114-100	1	6A — Machine Intercept
951-116-100	3	7A — Machine Intercept
951-118-100	3	No. 8A — Recorded Announcement Facilities for Connection to Line Terminals
951-120-100	1	9A — Recorded Announcement Facilities — Network Type
951-122-100	1	11A — Recorded Announcement Facilities — Intercept Traffic-Type

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951-3 Direct Distance Dialing Equipment and Switched Services Network

951-320-100	1	Auxiliary Sender Equipment For Direct Distance Dialing — Decoder Panel and No. 1 Crossbar Systems
951-330-100	1	Automatic Number Identification System — Local Step-by-Step, Panel and No. 1 Crossbar Offices
951-331-100	1	Automatic Identified Outward Dialing — Central Office Arrangements for Private Branch Exchange
951-332-100	2	Automatic Identified Outward Dialing — Type A2 — General Description
951-350-100	1	Common Control Switching Arrangement for Switched Service Networks

951-4 Alarm Control and Order-Wire System

951-410-100	1	D1 Alarm and Control Circuit and Order Wire Circuit
951-420-100	1	D2 Alarm Control and Order Wire System

951-5 Recorders, Recorder-Reproducers, and Reporting Systems

951-500-100	2	Concentrator Trunk Usage Recorder — Small Traffic Usage Recorder
951-510-101	1	Traffic Usage Recorder — No. 1 Portable
951-520-100	1	Answering Time Recorder and Answering Time Recorder With Traffic Weighting Applique
951-530-100	1	KS-16534 Recorder-Reproducer and Associated Amplifier and Control Facilities
951-540-100	1	Sender Attachment Delay Recorder — 4A, 4M and Crossbar Tandem Offices

Number	Issue	Subject	Number	Issue	Subject
951-6 Stored Program Control No. 1A			951-9 Miscellaneous		
951-600-100	3	General Description	951-903-100	1	3A Code Call Unit
			Addendum	1	
			951-905-100	1	Recorded Telephone Dictation Trunk — For Use With Dial-Type PBXs or Centrex Stations
951-7 Operations Support Systems			951-910-100	1	Inband Method of Coin Control — Step-By-Step and No. 5 Crossbar Systems and No. 1 and No. 3 Type Switchboards
951-700-100	3	RTTU/CTTU (Remote Trunk Test Unit/Central Trunk Test Unit) System — General Descriptive Information	951-920-100	1	Touch-Tone Calling
951-701-101	3	Circuit Maintenance System 3A (CMS 3A) — System General Description — Special Service Center (SSC)			
951-702-100	3	SARTS-1A — General Descriptive Information			
951-710-100	3	CAROT 2 — Generic 3 — General Description — Centralized Automatic Reporting On Trunks (CAROT)			
951-710-101	1	2CAROT4 — General Description — CAROT (Centralized Automatic Reporting on Trunks)			
951-8 Concentrators					
951-820-100	1	Permanent Signal Holding and Concentrating Arrangements — Panel System, No. 1 and No. 5 Crossbar Systems			
951-830-100	4	Telephone Answering System — Line Concentrator-Identifier (J93021, J93022) With or Without Tone Signaling Circuit (J59202) for Use With Electro-Mechanical Central Offices and Electronic Switching Systems (No. 1 ESS™)			
951-835-100	1	Line Concentrator No. 1A 100- and 50-Line Capacity Remote Units			
Addendum	1				
951-836-100	1	Line Concentrator No. 2A			
① 951-837-100	1	Line Concentrator No. 2B			

Division 953

**Switchboards, Desks and Associated Equipment —
General Descriptive Information**

953-0 Indexes**953-1 No. 12 Service Observing Desks**

Number	Issue	Subject
953-0 Indexes		
953-000-000	13	Numerical Index — Division 953 — Switchboards, Desks and As- sociated Equipment — General Descriptive Information
953-1 No. 12 Service Observing Desks		
953-111-100	1	Incoming Intertoll Service Ob- serving Circuits
953-113-100	2	Speed-of-Answer and Auxiliary Service Observing Circuits
953-114-100	3	Local Dial Line Service Observ- ing Circuits — No. 12 or No. 7 Modified Service Observing Desk
953-116-100	1	Data Systems Service Observing Circuits

Division 955**Step-By-Step and Community Dial Offices — General Descriptive Information****955-0 Indexes****955-1 Apparatus and Equipment****955-2 Automatic Message Accounting****955-3 Centralized Automatic Message Accounting****955-4 Step-by-Step Common Control Offices****955-9 Testing Equipment**

Number	Issue	Subject
955-0 Indexes		
955-000-000	18	Numerical Index — Division 955 — Step-by-Step and Community Dial Offices — General Descriptive Information

955-1 Apparatus and Equipment

955-110-100	1	Digit-Absorbing Selectors — Step-by-Step Offices
955-115-100	1	200-Point Line Finder and Trunk Finder Equipment — Step-by-Step Offices
955-130-100	1	Line Number Method — Prepay Coin — 350A, 355A, 360A, and 35E97 — Community Dial Offices
955-135-100	2	Automatic Number Identification System — Type C for Use in Small Step-by-Step Offices of Less Than 10,000 Main Stations
955-136-100	3	Automatic Number Identification System — Type D for Use in Small Step-by-Step Offices of 0 to 5000 Lines

Number	Issue	Subject
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955-2 Automatic Message Accounting

955-210-100	3	No. 1 Step-by-Step Offices
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955-3 Centralized Automatic Message Accounting

955-310-100	5	Step-by-Step Intertoll Offices
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955-4 Step-by-Step Common Control Offices

955-410-100	3	Step-by-Step Offices With Common Control
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955-9 Testing Equipment

955-900-100	1	Automatic Line Insulation Test Equipment — No. 1 and 350A Step-by-Step Offices
955-905-100	2	Automatic Outgoing Trunk Test Frame — General Description

Division 957

No. 1 Crossbar Offices — General Descriptive Information

957-0 Index**957-1 Automatic Message Accounting**

Number	Issue	Subject
957-0 Indexes		
957-000-000	3	Numerical Index — Division 957 — No. 1 Crossbar Offices — General Descriptive Information
957-1 Automatic Message Accounting		
957-110-100	2	Automatic Message Accounting — General Descriptive Information

Division 958**No. 5 Crossbar Offices — General Descriptive Information****958-0 Indexes****958-1 General Information****958-3 Automatic Message Accounting****958-9 Testing Equipment**

Number	Issue	Subject
958-0 Indexes		
958-000-000	19	Numerical Index — Division 958 — No. 5 Crossbar Offices — General Descriptive Information

958-1 General Information

958-110-100	3	No. 5 Crossbar System
958-115-100	1	Frequency Shift Interoffice Signaling — General Description
958-120-100	1	No. 5 Crossbar Centrex Service
958-150-100	2	4-wire No. 5 Crossbar System
958-170-100	2	Line Load Control

Number	Issue	Subject
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958-3 Automatic Message Accounting

958-308-100	1	Local Automatic Message Accounting Features — Arranged for Paper or Magnetic Tape
958-310-100	2	Centralized Automatic Message Accounting
958-310-101	1	CAMA — Electronic Translation System — General Descriptive Information
958-312-100	1	Local Automatic Message Accounting Via Marker Scanning (LAMA-C)
958-313-100	1	Electronic Translation System — General Description Information — No. 5 Crossbar System
958-313-106	1	Electronic Translation System Status Panel — Theory and Functional Description
958-314-100	2	General Description — Call Data Transmitter

958-9 Testing Equipment

958-910-100	4	Automatic Progression Trunk Test Frame
958-920-100	1	Test Set Type Facilities for Registers and Senders
958-930-100	1	Line Verification Circuit

Division 966

ESS™ Switchs General Descriptive Information

966-0 Index**966-1 1ESS™****966-3 101 ESS**

Number	Issue	Subject
966-0 Index		
966-000-000	36	Numerical Index — Division 966 — ESS™ Switch — General Descriptive Information
966-1 1ESS		
966-100-100	7	General Description
966-102-100	5	Centrex/ESSX-1 Service — Gen- eral Description — 2-Wire No. 1 and No. 1A Electronic Switching Systems
966-110-100	3	4-Wire — General Description
966-120-100	3	1A ESS Switch — General Description
966-3 101 ESS		
Addendum	1	
966-300-100	5	General Descriptive Information

Division 970

Transmission Systems — General Descriptive Information

970-0 Indexes and General Information

970-1 P-Type Carrier System

970-2 Product Management

-201 Guidelines

Number	Issue	Subject
970-0 Indexes and general information		
970-000-000	4	Numerical Index — Division 970 — Transmission Systems — General Descriptive Information
970-010-100	1	Transmission Rating System
970-1 P-Type Carrier System		
970-110-100	1	The P1T Trunk Carrier System
970-160-100	1	The P1 Carrier Telephone System
970-170-100	1	U-1 Carrier Subscriber Loop Carrier System — General Description

Division 975

Signaling Systems — General Descriptive Information

975-0 Indexes**975-1 Message Telephone Service****975-2 Pulsing and Signaling****975-3 Personal Signaling System**

Number	Issue	Subject
975-0 Index		
975-000-000	14	Numerical Index — Division 975 — Signaling Systems — General Descriptive Information

975-1 Message Telephone Service

975-110-100	2	Customer Loop Signals and Signaling Systems
975-115-100	1	Signals and Signaling Systems — Between Offices
975-120-100	1	Interoffice Signals and Signaling Systems

975-2 Pulsing and Signaling

975-210-100	1	Multifrequency Pulsing System
975-212-110	2	Touch-Tone Calling Receivers — Type A2 SD-95287-01 and Type A3 SD-98148-01
975-212-130	2	Touch-Tone Calling Receiver, Type C1 — SD-67027-01
975-215-100	2	2400- or 2600-Cycle Single- Frequency Signaling System — Toll Systems
975-230-100	2	DX Signaling System
975-240-100	3	Type E Single-Frequency Sig- naling System — General Descriptive Information

Division 981**Equipment on Customers' Premises (Special Services and Private Branch Exchanges) — General Descriptive Information****981-0 Index and General Information****981-2 Special Services****981-3 Customer Premises System****981-5 500 and 600 Series Private Branch Exchange****981-6 700 Series Private Branch Exchange****981-7 800 Series Private Branch Exchange**

Number	Issue	Subject
981-0 Index and General Information		
981-000-000	96	Numerical Index — Division 981 — Equipment on Customers' Premises — (Special Services and Private Branch Exchanges) — General Descriptive Information
981-010-100	2	Tie Trunk Circuits
981-011-100	2	Touch-tone Calling for PBX Systems
981-011-104	1	Touch-tone Calling Receivers — A2-Type SD-95287-01 and A3-Type SD-98148-01
981-011-105	1	C-Type Touch-tone Calling Receiver SD-67027-01
981-011-106	1	G1 Touch-tone Calling Receiver (SD- 1C586-01)
981-012-100	4	Centralized Attendant Service — 770A, 812A, DIMENSION® 400, 600, 2000, and Custom PBXs and No. 1/No. 1A ESS™ General Descriptive Information
981-013-100	1	Automatic Number Identification (ANI) (SD-1E505-01)
981-2 Special Services		
981-200-100	2	1A Telephone Warning System

Number	Issue	Subject
981-201-100	1	SAGE/BUIC Phase III General Description
981-202-100	2	SAC Main Operating Base Turret — General Description
981-203-100	1	1A2 Key Telephone System — General Description
981-204-100	1	No. 301 Switching System — General Description
981-204-105	4	Switching System No. 301A — General Description
981-204-106	1	Switching System — No. 302 — General
981-205-100	6	Switching System No. 300 — Station Systems
981-206-100	2	Switching System No. 304 — General Description
Addendum	1	
981-207-100	1	No. 305 Switching System
981-207-101	1	305 Switching System for BUIC Phase III Operation — General Description
981-207-102	1	Switching System No. 305 — Training and Simulation
981-208-100	4	Switching System No. 306 — General Description
981-209-100	2	Switching System No. 307 — General Description
981-210-100	2	Switching System No. 309 — (AUTOVON) — General Description
Addendum	1	
981-211-100	2	Switching System No. 310
981-212-100	2	Modular Terminal Communication System (MTCS) — General Description
981-224-100	2	No. 400 Switching System
981-225-100	3	Emergency Reporting System — 520-Type Private Branch Exchange — Direct Line Systems
981-225-101	1	Industrial Reporting System — 520-Type Private Branch Exchange
981-226-100	3	Emergency Reporting System — 520-Type PBX — Concentrator System
981-226-110	1	8A Key Telephone System for Use at 911 Emergency Answering Bureaus — Basic Service — General Description

Number	Issue	Subject	Number	Issue	Subject
981-227-100	1	10A Alerting System — General Description	981-282-100	1	Primary Crash Alarm System (Crash Phones) — General Description
981-228-100	2	11A Alerting System — General Description			
981-234-100	3	Force Administration Data System (FADS) When Used With 2A and 3A Automatic Call Distributing System	981-3 Customer Premises System		
Addendum	1		981-300-100	2	50A
981-235-100	2	2A Automatic Call Distributing System	981-5 500 and 600 Series Private Branch Exchange		
981-235-101	2	2B Automatic Call Distributing System — General Description	981-510-100	1	508A
Addendum	2		981-530-100	2	557A
981-236-100	2	3A Automatic Call Distributing System	981-531-100	2	557B PBX For Secretarial Answering Service
981-237-100	2	4A Call Distributing System (4A CD)	981-558-100	1	558A
Addendum	1		981-560-100	1	607A and 607B Multiple
981-240-100	2	1A Telephone Answering System	981-561-100	2	608A
981-248-100	1	2A Communication System — (Business Interphone) — General Description	981-6 700 Series Private Branch Exchange		
981-249-100	5	4-Wire Private Line Terminating Circuit SD-69566-01 — General Description	981-601-100	3	Arrangement for Automatic Number Identification (ANI) Circuit (SD-1E007-01)
981-250-100	3	3A Communication System — (Hospital Interphone)	981-610-100	1	701B and 711B
981-251-100	1	Loudspeaker Paging System — General Description	981-610-101	1	701B — Arranged for Operation With Telephone Consoles
981-261-100	2	Interface Trunk Circuit SD-66926-01 — For PBX Systems, No. 5 Crossbar, and No. 1 and No. 101 Electronic Switching Systems	Addendum	1	
981-270-100	2	PBX Access Lines — (Autovon) — General Description	981-611-100	2	701PK
981-271-100	1	Dial Restoration Panel — (Autovon) — General Description	981-660-100	6	756A
981-272-100	1	Addressable Data SAGE/BUIC — Phase 111 SD-1G244-01, SD-1G245-01, SD-1G246-01, SD-1G250-01	981-662-100	3	757A
981-273-100	2	Dial Restoration and Auxiliary Control for SAGE/BUIC III — General Description	981-664-100	2	758C — Description
Addendum	1		981-664-101	1	758C Switching System for Switched Digital Data System (SDDS)
981-281-100	1	Civil Defense Warning System (CDWS) — Bell and Lights System — General Description	❶ 981-665-100	1	758A
			❶ 981-666-100	1	758B
			981-668-100	2	761A
			981-669-100	2	761B
			981-680-100	6	770A
			981-7 800 Series Private Branch Exchange		
			981-705-100	3	800A
			981-706-100	3	801A
			981-709-100	4	805A
			981-712-100	4	812A

Division 982

Private Service Systems — General Descriptive Information

982-0 Indexes

982-2 Private Line Termination

982-3 Signaling Systems

Number	Issue	Subject
982-0 Indexes		
982-000-000	12	Numerical Index — Division 982 — Private Service Systems — General Descriptive Information

982-2 Private Line Terminations

982-200-100	2	4-Wire Private Line Terminations Circuit SD-1G297-01—General Description
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982-3 Signaling Systems

982-305-100	1	SC2 Selective Control System
982-325-100	3	SS1 Selective Signaling System — General Descriptive Information — Private Line Telephone Service
982-326-100	1	SS-1A Selective Signaling System — Private Line Telephone Service
982-328-100	1	SS-3 Touch-Tone Selective Signaling System — General Description
982-329-100	3	SS-4 Selective Signaling System — General Descriptive Information — Private Line Telephone Service
982-329-110	1	SS-3 Order Wire — General Description

Division 984**Traffic Service And Traffic Management Systems —
General Descriptive Information****984-0 Indexes****984-1 Traffic Service Position Systems No. 1****984-2 Traffic Service Position Systems No. 1B****984-5 Traffic Management Systems**

Number	Issue	Subject
984-0 Indexes		
984-000-000	42	Numerical Index — Division 984 — Traffic Service and Traffic Management Systems — General Descriptive Information
984-1 Traffic Service Position Systems No. 1		
984-100-100	4	No. 1—General Description
■ 984-100-101	5	Automated Charge Quotation Service — Hotel/Motel Feature — General Description — No. 1
984-100-102	2	Remote Trunk Arrangement and Position Subsystem No. 2 Features
984-120-100	3	Automatic Intercept System — General Description
984-140-101	2	Programmable Controller — General Description
984-2 Traffic Service Position Systems No. 1B		
984-200-100	4	Traffic Service Position System No. 1B — General Description

Number	Issue	Subject
984-5 Traffic Management Systems		
984-501-100	1	KS-15947 Totalizer Circuit SD-95965-01
984-502-100	3	3B Traffic Usage Recorder SD-99359-01 — General Description
984-503-100	4	4A Traffic Usage Recorder (TUR) SD-95738-01 and Optional Auxiliary Scanner Unit — General Description
984-515-100	2	Traffic Measurement System No. 1A — General Description
984-524-100	1	Dial Tone Speed Register Circuit
984-525-109	1	Service Observing — Automatic Intercept System
984-525-120	4	Service Evaluation System No. 1A—General Description
984-525-129	3	Traffic Service Position System No. 1 — Service Observing Circuits — Service Evaluation System No. 1A
984-525-130	1	Automatic Intercept System — Service Observing Circuits General Descriptive Information Service Evaluation System No. 1A
984-525-131	1	No. 1 Electronic Switching System — Incoming Trunk Service Observing — Service Evaluation System No. 1A
984-525-132	1	No. 4 Electronic Switching System — Service Observing Circuits — General Descriptive Information — Service Evaluation System No. 1A
984-525-133	1	Service Observing Circuits Interfaced With Signal Converter/Allotters — General Description Information — Service Evaluation System No. 1A
984-525-134	1	Mechanized Evaluation of Call Completion Anomalies (MECCA) — Description — Service Evaluation System No. 1A

Division 999**Product Documentation — User****999-0 Indexes****999-1 Data Sets****999-2 PBX Equipment****999-3 Terminals****999-5 ACD (Automatic Call Distributor) and Key Systems****999-6 Telephone Technique****999-7 System 75, 85, AP, 3B2, and 3B5****999-8 Software**

Number	Issue	Subject
999-0 Indexes		
999-000-000	2	Numerical Index — Product Documentation — User — Data Set, PBX, ACD, Key Set, Telephone Technique, Computers, and Software (5-95)
999-1 Data Sets		
999-100-145IS	3	How to Operate Data Auxiliary Set 829 Type
999-100-189IS	4	551 T1 Channel Service DCE Release 3012 Volume 6
999-100-188IS	3	2500 Series Data Service Unit
999-100-189IS	4	551T1 Channel Service Unit — User Manual
999-100-190IS	2	DATAPHONE® II Multiplexer Service — User Manual
Addendum	2	
999-100-191IS	2	DATAPHONE II Tertiary Channel Modem 2001A — User Guide
999-100-192IS	1	DATAPHONE II 2048T Modem — User Guide
999-100-193IS	1	DATAPHONE II 2048T Modem — User Manual
999-100-194IS	1	DATAPHONE II 2096T Modem — User Manual

Number	Issue	Subject
999-100-196IS	2	DATAPHONE II 2600 Series Data Service Unit — User Manual
Addendum	1	
999-100-197IS	1	DATAPHONE II 2700 Series Secondary Channel Diagnostic — User Manual
999-100-198IS	1	DATAPHONE II 2212C Modem — User Manual
999-100-199IS	1	DATAPHONE II 2212D Modem — User Manual
999-100-200IS	2	DATAPHONE II Diagnostic Console — User Manual
999-100-202	1	DATAPHONE II Service Network Diagnostic System — User Manual
999-100-203IS	3	DATAPHONE II Modem DC NC PAS — Quick Guide
999-100-204	1	DATAPHONE II Performance Analysis System — User Manual
999-100-206IS	2	DATAPHONE II Private Line Modems — Operate Information
999-100-207IS	1	DATAPHONE II Network Constructor Software Version 2.88 — User Manual
999-100-213IS	1	DATAPHONE II Private Line Modem 2024/2048/2096 — User Manual
999-100-224	1	DATAPHONE II 839B Dial Backup Unit — User's Manual
999-100-225	1	DATAPHONE II 839B Dial Backup 8/87
Addendum	8/87	
999-100-230IS	1	DATAPHONE II 2224A Full Duplex Modem — User Manual
999-100-231IS	2	DATAPHONE II Series 700 STAT MUX — User Manual
999-100-232IS	2	DATAPHONE II Series 700 STAT MUX — Reference Manual
999-100-234IS	2	DATAPHONE II Series 700 Net-worker — User Manual
999-100-235IS	2	DATAPHONE II Series 700 Net-worker — Reference Manual
Addendum	1	
999-100-237IS	1	DATAPHONE II Series 700 T-MUX — User Manual
Addendum	1	
999-100-238IS	1	DATAPHONE II Series 700 T-MUX — Reference Manual

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		999-100-265IS	1	700 T-MUX-Voice Equipment Mounting Shelf (PEC25195)
999-100-240IS	1	DATAPHONE II 2400 BPS Modem — User Manual	999-100-266IS	1	DPII 700 T-MUX-Voice/Pad Transformer 4403AL1(PEC25194)
999-100-241IS	1	DATAPHONE I 4800 BPS Modem — User Manual	999-100-267IS	1	700 T-MUX-Power and Ringing Supply 8050L1(PEC25136)
999-100-242IS	5/85	DATAPHONE I 9600 BPS Modem — User Manual	999-100-268IS	1	700 T-MUX-Power Supply 24/28VDC 8001L1(PEC25137)
999-100-245IS	1	DATAPHONE I MOD 96 Remote Data Access Unit — User Manual	999-100-277	6/89	Personal Computer Modem — Marketing Guide
999-100-246IS	1	DATAPHONE I MOD R-4 Programmable Responder — User Guide	999-100-281	1	DATAPHONE II Controller 400
999-100-248	2	DATAPHONE II 4024 Modem — User Guide	999-100-284	1	DATAPHONE II System Control Model 400 Marketing Guide
999-100-250IS	1	DATAPHONE II 2144A Modem — User Guide	999-100-285	1	DATAPHONE II 300/400 Addendum
999-100-252	2	DATAPHONE II SDU24A — User Manual DATAPHONE II 2248 Modem 105A Multiple Mount — User Guide	Addendum	6/89	
999-100-253	8/87	DATAPHONE II System Controller Model 300 — User's Manual	999-100-287	2	DATAPHONE II 2296A — User Manual
Addendum	8/87		999-100-288	1	DATAPHONE II 48/96 Shared Diag. Use
999-100-255IS	1	SOFTCALL® Communications Software Version 2.0 — Reference Manual	999-100-289	1	DATAPHONE II 740/741 ACCULINK®
Addendum	8/87		Addendum	2	
999-100-256IS	10/85	DPII Model 4000 Modem — Owners Manual	999-100-292	1	DATAPHONE II 2224 CEO Modem — User Manual
Addendum	8/87		Addendum	8/89	
999-100-257IS	1	Model 4112 Modem — Reference Manual	999-100-295	1	DATAPHONE II 2224G — User's Manual
Addendum	1		Addendum	2	
999-100-258IS	1	DATAPHONE II 2600 — User Manual	999-100-296	1	DATAPHONE II 2192A — User's Manual
999-100-259IS	1	DATAPHONE II Service 700 T-MUX Voice Application — Introduction Manual	Addendum	1	
999-100-260IS	1	700 T-MUX-FXS to E+M Signal Converter 6008AL1(PEC25121)	999-100-297	1	DATAPHONE II ACCULINK® Multiplex
999-100-261IS	1	700 T-MUX-FXO to E+M Signal Converter 6008BL1(PEC25122)	999-100-298	1	ACCULINK N.M. — User Manual
999-100-262IS	1	700 T-MUX-Signal Converter E+M to DX6008CL1(PEC25135)	999-100-300IS	7	DATAPHONE II — Configuration Guide
999-100-263IS	1	700 T-MUX-Pulse Link Repeater 6008DL1(PEC25123)	999-100-301IS	4	DATAPHONE Modem — Configuration Guide
999-100-264IS	1	700 T-MUX-Common Transmission Module 6131L1(PEC25120)	999-100-302IS	1	551T1 Channel Service Unit
			999-100-303IS	1	DATAPHONE I Plus Service — Configuration Guide
			999-100-304IS	5	DATAPHONE II Service — Implementation Guide
			999-100-307	3	DATAPHONE Multiplexer Service — Configuration Guide
			999-100-308IS	2P	DATAPHONE II Series 700 Multiplexer — Configuration Guide

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999-100-309IS	3	DATAPHONE Multiplexer Service — Configuration Guide	999-100-448	1	STARLAN 386 Network Manager Administration Guide V3.2
999-100-312	1	DATAPHONE II System Control/Model 300 — Configuration/Implementation Guide	999-100-450	5	AS/Gateway Single Brd 3270 User Guide
999-100-313IS	1	DATAPHONE II 2500 Series Data Service Units — Configuration Guide	999-100-453	3	STARLAN Network Client DOS User's Guide Supplement U3.2
999-100-314IS	1	DATAPHONE II 2600 Series Data Service Units — Configuration Guide	999-100-454	3	STARLAN Network 386 Server Software — Installation and Administration Guide V3.2
999-100-315IS	1	DATAPHONE II 2700 Series Data Service Units — Configuration Guide	999-100-455	3	STARLAN Network 386OSI — Network Program Guide V3.2
999-100-316IS	1	DATAPHONE II 2600 Switch Digital Data Service Units — Configuration Guide	999-100-456	2	STARLAN Network 386 Remote PC Gateway Client — User's Guide V3.2
999-100-322	1	DATAPHONE II Data Cabinets	999-100-457	2	STARGROUP® Software 386 Remote PC Gateway: Server Administration Guide V3.2
999-100-421	1	STARLAN Server — Administrator's Guide	999-100-458	1	STARLAN 10 Network Fiber Hub — Installation Guide
999-100-423	1	STARLAN Network — User's Guide	999-100-459	2	STARLAN 10 Network EN100 — Installation Guide
999-100-425	1	STARLAN Installation — Configuration Guide	999-100-461	2	STARGROUP 386 Asynchronous Gateway Server — Administration Guide V3.2
999-100-430	2	STARLAN Network Hub Unit Installation	999-100-463	1	STARLAN Network 3B2 Server Software — Installation and Administration Guide V3.1
999-100-431	2	STARLAN 10 Network Hub-Installation Guide	999-100-464	2	STARLAN Network 3B2 OIS Network Program — Administration Guide V3.1
999-100-432	1	PC NAU — Installation Guide	999-100-466	1	3.86 X:25 Router Program — Administration Guide V3.2
999-100-434	1	10: Fiber Adapter — Installation Guide	999-100-467	1	3B2 X.25 Router Program — Administration Guide
999-100-437	1	NAU Plus Installation Guide	Addendum	7/87	
999-100-438	3	STARLAN Network DOS S/W — Installation Guide	999-101-189IS	1	551T1 Bit Error Rate Test Set — User Manual
999-100-439	1	DOS Server — Getting Started Guide V3.2	999-101-196IS	1	DATAPHONE II 2600 Series Operation Procedures — Reference Card
999-100-440	2	Client Menus — User Guide	999-101-198IS	1	DATAPHONE II 2212C Modem — Reference Card
999-100-441	2	Client Menus — Administration Guide	999-101-205IS	1	DATAPHONE II Level IV Introduction
999-100-442	3	Client — User Guide	999-101-207IS	1	DATAPHONE II Network Control Software Version 2.8B — Installation/ Maintenance Manual
999-100-443	3	Client Software — Installation/ Configuration Guide	Addendum	3/78	
999-100-444	3	Client Server — Administration Guide V3.1	999-101-213IS	1	DATAPHONE II Private Line Modem 2024/2048/2096 — Installation/ Maintenance Manual
999-100-445	2	Client Quick Menus — User Guide			
999-100-446	3	Client Windows Server — Administration			

Number	Issue	Subject	Number	Issue	Subject
999-101-227	2	DATAPHONE II 745 ACCU-LINK® Multiplexer — Reference Guide	999-102-252IS	1	DATAPHONE II 2248 Stand-Alone Modem — User Manual
999-101-230IS	1	DATAPHONE II 2224B Full Duplex Modem — User Guide	999-102-253	1	DATAPHONE II 300 Controller Communications Maintenance
999-101-231IS	1	DATAPHONE II Series 700 STAT MUX — User, Reference, Service Manual, and Binder	999-102-270	1	System Controller 300/400
999-101-234IS	1	DATAPHONE II Series 700 Networker — User, Reference, Service Manuals and Binder	999-102-281	1	DATAPHONE II System Controller — Instruction Manual
999-101-237IS	1	DATAPHONE II Series 700 T-MUX — User, Reference, Service Manuals and Binder	999-102-287	1	Dialer Modules/2A4/2A2/2B1 Installation Instructions
999-101-252IS	1	DATAPHONE II 2248 Modem 105A Multiple Mount — Installation Manual	999-102-292	1	DATAPHONE II 2224 CEO Modem
999-101-253	1/87	System Controller 300 — Installation Manual	999-102-295	1	DATAPHONE 2224G Modem — Configuration Guide
999-101-258IS	2	ACCUNET® Switched 56 Data Service Unit — Reference Card	999-103-253	1	DATAPHONE II System Controller Model 300 Command Directory
999-101-281	1	DATAPHONE II System Control	999-103-281	1	DATAPHONE II System Controller 400 Maintenance Manual
999-101-289	1	DATAPHONE II 740/741 ACCU-LINK Multiplexer — Reference Manual	999-103-289	1	DATAPHONE II ACCULINK Multiplexer (Binder and Tabs only)
999-101-292	1	DATAPHONE® II 2224 CEO Modem — Getting Started	999-103-295	1	DATAPHONE II 2224 G Data Set
■ 999-101-305	1	ESF CSU Multiline User Manual	999-104-230IS	1	DATAPHONE II 2224A+B Full Duplex Modems — Reference Card
999-102-121IS	1	801 Automatic Calling Unit — User Manual	999-104-253	1	DATAPHONE II System Controller Model 300 Instruction
999-102-142IS	1	202T Modem — User Manual	999-104-281	1	DATAPHONE II PC Software — Installation & User Guide
999-102-150IS	1	500B Data Service Unit — DATAPHONE Digital Service — User Manual	999-104-287	1	DATAPHONE II 2296A Modem 320A Kit
Addendum	8/87		999-105-205IS	2	DATAPHONE II Video Display Terminal — Installation and Maintenance Manual
999-102-153IS	1	208BR Modem — User Manual	999-105-230IS	1	DATAPHONE II 2224E Full Duplex Modem — User Manual 8/87
999-102-154IS	1	108F & 108G Modem — User Manual	999-105-155	8/87	DATAPHONE II SC 300 Installation /Maintenance Binder
999-102-156IS	1	202SR Modem — User Manual	999-105-281	1	DATAPHONE II SC 400 Configuration Implementation Guide
999-102-160IS	1	212AR Modem — User Manual	999-105-287	1	DATAPHONE II 2296A Modem 320B Kit
999-102-162IS	1	103JR Modem — User Manual	999-106-205IS	2	DATAPHONE II Local Copy Printer — Installation and Maintenance Manual
999-102-173IS	1	201CR Modem — User Manual	999-106-253	8/86	DATAPHONE II System Controller — Reference Card
999-102-174IS	1	201C Modem — User Manual	999-106-281	1	DATAPHONE II SC/400 Introduction
999-102-225	1	DATAPHONE II 839 Type Dial Backup Units — Configuration Guide			
999-102-227	1	DATAPHONE II 745 ACCU-LINK® Multiplexer			
999-102-231	8/87	DATAPHONE II Series 700 Binder and Inserts Only — No Text			

Number	Issue	Subject	Number	Issue	Subject
999-106-305	1	ESF CSU Expansion Shelf and Power Supply Installation Manual	999-200-156	3/78	How to Operate 507 Cordless Switchboard
999-107-205IS	2	DATAPHONE II System Printer — Installation and Maintenance Manual	999-200-157	3/78	How to Operate 555 Cordless Switchboard
999-107-281	1	DATAPHONE II 400 — Installation/ Maintenance	999-200-158	3/78	How to Operate 556 Switchboard
999-107-287	1	DATAPHONE II 2296 — Configuration Guide	999-200-159	3/78	How to Operate 608D Dial Switchboard
Addendum	1		999-200-176	3	How to Operate DIMENSION® PBX Attendant Console with Feature Package 3
999-107-296	1	DATAPHONE II 2292 — Configuration Guide	999-200-177	12/80	How to Operate DIMENSION PBX Attendant Console with Feature Package 4
999-110-227	1	DATAPHONE II 745 ACCULINK Multiplexer — Configuration Guide	999-200-178	2	How to Operate DIMENSION PBX Attendant Console with Feature Package 7
999-120-401	1	10: PC Fiber NAU Installation Guide	999-200-179	3	How to Operate DIMENSION with Feature Package 10
●999-120-406	3	10: AUI Adapter Installation Guide Release 1.0	999-200-183	4	How to Operate Hospitality Communications System with Feature Package 9 4/89
999-120-504	2	3B2 TCP Access Administration Guide	999-200-184	3/78	How to Operate DIMENSION Attendant Console on AUTOVON 4/89
999-120-508	2	Adminstrating LAN Manager	999-200-186	3/78	How to Operate 27 and 47 Type Consoles No. 2 ESS™
999-120-510	2	Upgrading to LAN Manager	999-200-187	3	Hospitality Communications or Management System No. 9
999-120-728	1	Concentrator Installation— Guide for STARLAN 100 Network	999-200-188IS	6	How to Operate and Application Information DIMENSION PBX Customer Administration Panel with Feature Package 8
999-120-735	1	Router Installation Guide— Customer Traffic Data — Real Time User Guide R2.0	999-200-189	5	How to Operate and Application Information for CACS DIMENSION 2000 and Custom PBX 4/89
999-120-736	1	Router Administration Guide	999-200-190	4/89	How to Operate DIMENSION Attendant Console — Visually Impaired Attendant
999-120-743	1	Installing LAN Manager Version 3.4	999-200-199	3	How to Operate and Application Information for CAP with Feature Package 12
999-120-744	1	Using LAN Manager Version 3.4	999-200-200	4/89	How to Operate and Application Information for DIMENSION PBX Centralized Attendant Service FADS
999-120-770	1	Network Smarthub Management Station Installation Guide	999-200-201	3	How to Operate 50B Customer Premises System with Electronic Console
999-120-771	1	Network Smarthub Installation Guide			
999-120-787	1	LAN/WAN Design Guide NOTE: Replaces 999-120-002			
999-120-802	1	STARWAN® Router Guide Interoperability			
999-190-155	8/87	DATAPHONE II Network Controller — User Manual Addendum to 999-100- 201IS			
999-2 PBX Equipment					
999-200-155	3/78	How to Operate 557B Secretarial Board			

Number	Issue	Subject	Number	Issue	Subject
999-200-202	3	How to Operate 50B Customer Premises System with Multiple Button Electronic Telephone Set (4/89)	999-200-244	3/78	DIMENSION System — User Guide Feature Package 8
999-200-209	5/89	Customer Administration Center System (CACS) Management — Reference Information	Addendum	3	7/89
999-200-211IS	3	User Guide DIMENSION System Feature Package 15	999-200-155	3/78	DIMENSION System Feature Package 8 — Administration Manual
999-200-212IS	3	DIMENSION System Administration Manual for Feature Package	999-200-247IS	1	Energy Communications Service Adjunct — System Management Operation
999-200-213	2	How to Operate DIMENSION PBX Hospital Communications Management System Deluxe with Feature Package 11	999-200-248IS	1	Energy Communications Service Adjunct — Application Strategy
999-200-214	2	How to Operate and Application Information for Customer Administration Panel Feature Package 11	999-200-249IS	1	Energy Communications Service Adjunct System Planning — Reference Manual
999-200-215	2	How to Operate Hospitality Communications Management System — Deluxe with Feature Package 4/89	999-200-250IS	1	DIMENSION® PRELUDE® System — Reference Manual
999-200-155	3/78	How to Operate and Application Information for DIMENSION PBX Uniform Call Distribution FADS 6/80	999-200-270IS	2	HORIZON® — Reference Manual
999-200-155	3/78	How to Operate DIMENSION PBX Console with Feature Package 9	Addendum	1	
999-200-218	2	Energy Communications Service DIMENSION PBX — Users Application and Instruction Guide	999-200-271IS	1	HORIZON — Administration Manual
999-200-219	10/82	How to Operate Centralized Message Detail Recorder Direct Tape Version	999-200-272IS	1	HORIZON — Implementation Manual
999-200-220	2	How to Operate and Application Operation for Energy Communications Service with DIMENSION PBX	999-200-280IS	1	HORIZON CMS/ACD — Reference Manual
999-200-222	11/82	How to Operate Centralized Message Detail Recorder Direct Output Version	999-200-281IS	1	HORIZON CMIS — Administration Manual
999-200-238IS	1	Manual Local Storage Unit Direct Output	999-201-232IS	1	Subscriber Guide Voice Store and Forward Subs Guide
999-200-241IS	2	DIMENSION System Feature Package 8 Implement Manual	999-202-230IS	1	AP-16 Call Management System — Forecast Guide
999-200-243IS	2	DIMENSION System Reference Manual Feature Package 15 Implement Manual (6/89)	999-202-232IS	1	Voice Store and Forward — Wallet Card
			999-290-183IS	1	Addendum to 999-200-183
			999-290-188IS	8/87	DIMENSION System with Feature Package 8 Administration Manual. Addendum to 999-200-188IS
			999-290-189IS	1	Addendum 2 to 999-200-189
			999-290-209IS	8/87	Reference Manual DIMENSION System with Feature Package 8 Customer Administration Center System. Addendum to 999-200-209IS 8/87
			999-290-214IS	8/87	Administration Manual DIMENSION System Feature Package 11 Customer Administration Manual. Addendum to 999-200-214IS 8/87

Number	Issue	Subject	Number	Issue	Subject
999-290-215IS	8/87	User Guide DIMENSION System with Feature Package 11. Addendum to 225IS 8/87	999-300-139IS	6	DATASPEED 4548-20/-22/-25 Keyboard Display — CC500067475
999-290-225IS	8/87	Addendum to 999-200-225IS	999-300-140IS	1	DATASPEED 4540 — User Guide
999-3 Terminals			999-300-141	2	How to Operate DATASPEED 4540 Keyboard Display with Internal Numeric Cluster Keyboard
999-300-101IS	1	4418 Display Terminal — User's Guide — CC500067293	Addendum IS	1	
Appendix 1	3	CC501002612	999-300-143IS	1	DATASPEED 4540 — Station Manager Manual
Appendix 2	3	CC501003727	999-300-144IS	1	3330 Model 106 — User Guide
999-300-106IS	4	6500 Station — Manager's Guide (Binder) CC501004667	999-300-145	1	How to Operate 4540 Single Display Station with Trouble Analysis and Option
999-300-106IS	4	6500 Station — Manager's Guide (Text Only) CC501004634	999-300-147IS	3	DATASPEED 4540 LCC — Administration Manual
999-300-106IS	5	6500 Station — Manager's Guide (Text Only) — CC501005342	999-300-150	1	How to Operate COMM-STOR* II
999-300-106IS	6	6500 Station — Manager's Guide (Binder) CC5010007538	999-300-150IS	3	478/479 Printer — User Guide CC500049523
Addendum	6		999-300-151IS	2	478/479 Printer — Pocket Reference Guide — CC500067376
999-300-106IS	6	6500 Station — Manager's Guide (Text Only) — CC501006225 NOTE: Binder or text can be ordered separately.	999-300-152	3	Field Attribute Chart
999-300-109	8/87	CC501001580	999-300-152IS	1	478/479 Printer — Reference Manual — CC500049028
999-300-109IS	1	4425 Telesystem Dialer — User Guide — CC500047980	999-300-153IS	1	How to Use COMM-STOR II SMDR Revise F-02
999-300-121	6	How to Operate Asynchronous DATASPEED 40/1-2-3 Keyboard Display	999-300-156IS	2	Call Rating System Feature Group A Revise B.03
999-300-124IS	1	Asynchronous DATASPEED® 4420 Keyboard Display	999-300-157IS	2	Call Rating System Feature Group B Revise B.03
999-300-127IS	1	5620 Dot Mapped Display Terminal — User Guide — CC500066741	999-300-158IS	1	PDE 100 Terminal — Administration Manual
999-300-128IS	4	6561 Printer Controller — User Guide — CC500049440	999-300-159IS	1	PDE 200 Terminal — Administration Manual
999-300-133	3	Teleprinter 1000 RO — User Manual	999-300-160IS	1	PDE COMM-STOR II — User Manual
999-300-134	1	How to Operate 43 Teleprinter KSR Stations	999-300-163	1	DATASPEED Printer Noise-Reducing — User's Operation Instruction
999-300-135IS	1	How to Operate 43 Teleprinter 8 Level BBR — User Guide	999-300-164IS	1	PDE Terminals APPL SPEL Manual
999-300-136	1	How to Operate 43 Teleprinter 5 Level Buffered Selective Calling Station and Paper Tape Punch	999-300-165IS	1	PDE Terminals UDM II — Program Manual
999-300-137	1	How to Operate 43 Teleprinter 8 Level Buffered Selective Calling Station			

* COMM-STOR is a registered trademark of Sykes Dataronics, Inc.

Number	Issue	Subject	Number	Issue	Subject
999-300-166IS	1	PDE 100 Terminal PDAM — Program Manual	999-300-235IS	1	5305 Printer — Reference Manual — CC501001028
999-300-167IS	1	PDE Terminal — Administration Manual	999-300-236IS	3	6571 & 6572 Printer — User Guide — CC501000657
999-300-170AB	1	QUORUM® Tele-Conference Bridge — User Guide (8-84)	999-300-237IS	2	6571 Printer — Reference Manual — CC501001531
999-300-171AB	1	QUORUM Teleclass Bridge — User Guide	999-300-239IS	1	5310T Printer — Pocket Reference Guide — CC501000665
999-300-173IS	1	GEMINI® Electronic Conference System — User Guide	999-300-247IS	4	6518 Display — User Guide — CC501005870
999-300-175IS	3	TELESEER® SMDR — User Guide	999-300-248IS	2	6578 Display Terminal — User Guide — CC501000673
Addendum	1		999-300-250IS	1	PT 510A — User Guide — CC403781354
999-300-176IS	1	477 Deluxe Color Printer — User Guide	999-300-252IS	1	PT 510 — User Guide
999-300-178IS	8/87	AT&T Model 7500S Electronic Typewriter — User Guide	Addendum	1	CC501006001
999-300-179IS	4	6528/6529 Displays — User Guide — CC501005862	999-300-253IS	1	PT 510-R2 — User Guide — CC501001374
999-300-182	2	447 Printers — User Guide	999-300-255IS	1	PT 510D-R2 — Technical Reference Manual — CC501001390
999-300-183IS	2	5310/5320 Teleprinter — User Guide — CC501000608	999-300-270IS	1	610 BCT — User Guide — CC500067418
999-300-195IS	1	Introduction to Protocol Converters	999-300-274IS	2	5310/5320 Printer — User's Guide — CC501006233
999-300-198IS	1	AT&T 7500S Electronic Typewriter LCV Communications Interface	999-300-275IS	1	5310/5320 Printer — Pocket Reference Guide — CC501001762
999-300-205	1	PC6300 — Reference Manual — CC405235359	999-300-280IS	1	AT&T FAX 3510D — User Guide
999-300-209IS	1	510/510A Universal Security Cartridge — User Card	999-300-284IS	2	473/474 Printer — User Guide
999-300-210IS	1	510/510A Universal Directory Cartridge — User Card	999-300-285IS	2	470/471 475/476 Printer — User Guide
999-300-211IS	3	620 Multi-Tasking Graphics Terminal — User's Guide — CC501001507	999-300-286IS	1	435 Plotter — User Guide
999-300-212IS	1	620 Multi-Tasking Graphics Terminal — Pocket Reference Guide — CC501001515	999-300-287IS	1	435 Plotter — Quick Reference Card
999-300-224IS	2	5310 Printer — User's Guide — CC501000616	999-300-288IS	1	435 Plotter — Programming Guide
999-300-225IS	2	478T Printer — User's Guide — CC501000624	999-300-294IS	1	SSI IRMA PC Adapter — User Guide — CC501002125
999-300-227IS	2	561600AAA Dialer/Modem — User Guide — CC500067780	999-300-297IS	1	6579 Display — User Guide — CC501002463
999-300-233IS	3	5305 Printer — User Guide — CC501007561	999-300-297IS	2	6579 Display — User Guide — CC501006977 — Template No. CC524604436
999-300-234IS	2	478T Printer — Pocket Reference Guide — CC501000640	999-300-298IS	2	6580 Display — User Guide — CC501006969 — Template No. CC524604444
			999-300-299IS	1	605 Business Communications Terminal — User Guide — CC501002489 (With Template — CC523457035)

Number	Issue	Subject	Number	Issue	Subject
999-300-302IS	1	615 Multi-Tasking Terminal — User Guide — CC501002505	999-300-374IS	1	510D-R1 Modification Kit Office Telesystem Compatibility — User Guide — CC501004170
999-300-303IS	2	Pocket Reference Guide — 615 Multi-Tasking Terminal — Pocket Reference Guide — CC501002513	999-300-375IS	2	630 Multi-Tasking Graphics (MTG) Terminal User Guide — CC501006050
999-300-322IS	1	620 Multi-Tasking Graphics Terminal — Technical Reference — CC501002836	999-300-376	1	PC6310 — Users Guide — CC105293526
999-300-323IS	1	Dataspeed 4425 Emulation Cartridge — User Guide — CC501003024	999-300-377	1	PC6310 Hardware — Reference Manual — CC105293534
999-300-324IS	1	VT220 Emulation Cartridge — User Guide — CC501003032	999-300-380IS	1	SSI/E1A RS-232-C Expansion I/O Card — Installation Guide — CC501004618
999-300-325IS	2	561 602 AA AA Auto Dialer — User Guide — CC501003040	999-300-381	1	PC6310 — Service Manual — CC105305049
999-300-326IS	1	561 603 AA AA Limited Distance Modem — User Guide — CC501003057	999-300-383	1	PC6310 ROM/BIOS Manual — CC105335939
999-300-327IS	2	513 BCT/System 75 Emulation Cartridge — User Guide — CC501003065	Addendum	1	CC501006423
999-300-329IS	2	Upgrade A 610 BCT to A 615 MT — Installation Guide — CC501003081	999-300-392IS	2	6500 Station Manager Guide — AT&T Communications — Special Supplement 2.1 — CC501005599
999-300-331IS	1	561 620 RAM Module — User Guide — CC501003107	999-300-393IS	1	6538/6539 Display — User Guide — AT&T Communications — Special Supplement 2.1 — CC501005607
999-300-340IS	1	630 MTG Software — Reference Manual — CC501003545	999-300-394IS	1	6591 Display — User Guide — CC501005631
999-300-341	1	630 MTG Software — Development Guide — CC501003552	999-300-395	1	PC6386 — User's Guide — CC105377451
999-300-342	2	630 MTG Software — Release Notes — CC501003560	999-300-396	1	PC6386 Service Manual — CC105379309
999-300-346	3	User Guide Installation/Test — CC501003834	999-300-397	1	PC6386 Hardware Reference Manual — CC105380562
999-300-351IS	1	4540 Keyboard Display When Used With a 6500 Station — User Guide — CC501003909	999-300-400	1	PC6386 ROM/BIOS Manual — CC105379317
999-300-358IS	1	6518 Display — Installation Guide — CC501003990	999-300-409	1	UNIX* 6386 ISV/VAR Tool Kit — CC105389001
999-300-359IS	1	6528/6529 Displays — Installation Guide — CC501004006	999-300-420	1	610 BCT Replacement of Software EPROMS with Version 1.3 — Installation Guide — CC501006340
999-300-360IS	1	6538/6539 Displays — Installation Guide — CC501004014	999-300-427	1	6386 UNIX System V Document Roadmap — CC105435754
999-300-361IS	1	6543 Multi-Function Communication Controller — Installation Guide — CC501004022	999-300-428	1	6386 UNIX System V Product — CC105429658
999-300-362IS	1	6544 Multi-Function Communication Controller — Installation Guide — CC501004030	999-300-431	1	PC6312 — Users Guide — CC105422158

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Number	Issue	Subject	Number	Issue	Subject
999-300-432	1	PC6312 Hardware — Reference Manual — CC105422166	999-300-552	1	6544 Multi-Function Communication Controller With Expanded Features — Installation Guide — CC501008460
999-300-433	1	PC6312 — Service Manual — CC105422174	999-300-554	1	605 Asynchronous Terminal Interfaces Mil-Std 188-114A and RS-449-Users Guide Supplement — CC501008684
999-300-434	1	PC6312 ROM/BIOS Manual — CC105422182	999-300-555	1	630 MTG for 6500 System — Users Guide Supplement — CC501008718
999-300-438IS	1	Non-AT&T Plug Compatible Manufacture (PCM) Displays Used in the 6500 Station — User's Guide — CC501006688	999-300-557	1	6562 Printer Controller — User's Guide — CC501008924
999-300-439	1	442/444 Printers — User Guide	999-300-558	1	6518/6529, 6538/6539 Display (56KS60AGH Keyboard) — Users Guide Supplement — CC501008767
999-300-440	1	6598 SSI to Fiber Optic Multiplexer — Users Guide — CC501006704	999-300-561	2	570/571 Printer Users Guide — CC501008957
999-300-447	1	Foundation Manual — CC105429708	999-300-562	1	572/573 Printer Users Guide — CC501008932
999-300-449	1	SSI Net Pocket Controller Installation Guide — AT&T Time and Attendant System — CC501006852	999-300-563	1	580/581/583 Printer Guide — CC501008940
999-300-450	1	1A Data Collection Terminal Installation Guide — AT&T Time and Attendance System — CC501006845	999-300-567	1	6542 Mini Controllers Installation Guide — CC501009039
999-300-452	2	SSI RS232 Protocol Conversion Installation Guide — AT&T Time and Attendance System — CC501006829	999-300-568	1	6542 Controllers Generic 3.2 Station — Managers Guide — CC501009054
999-300-481	1	6538/6539 Users Guide — Four Sync Host Access and Extended Play Key Enhancement Supplement — CC501008072	999-300-570	1	615 Color Multitasking Terminal — User's Guide — CC501009476
999-300-498	1	Personal Computers (3270 Terminal Emulation) Connectivity and Operation With 6500 User's Guide — CC501008239	999-300-571	1	5305 Printer Reference Manual Supplement (Version A, B, C) CC501009518
999-300-515	1	6538/6539 Displays Generic 3.1 — Users Guide Supplement — CC501008379	999-300-572	1	605 Asynchronous Terminal Technical Reference — CC501009815
999-300-516	1	Non AT&T Compatible Manufacture (PCM) Displays Used in the 6500 Station Generic 3.1 Users Guide Supplement — CC501008387	999-300-579	1	6583/6539 Display User's Guide Supplement (Tandem/Hewlett Packard Feature Package)
999-300-551	1	6528/6529 Displays Generic 3.1 Users Guide Supplement — CC501008452	999-300-584	1	6591D Display Users Guide — CC501010540
			999-300-585	1	6592 D/F Display Users Guide — CC501010557
			999-300-592	1	6544 Controller Generic 3.2 Station — Managers Guide — CC501010623
			999-300-593	1	6542 Expanded Memory Logic Module — Installation Guide — CC501010631

Number	Issue	Subject	Number	Issue	Subject
999-300-594	1	6542 Two Port Asynchronous Logic Module — Installation Guide — CC501010649	999-300-650	1	6544 Controller Terminal Dialing Feature Package for 6538/6539 Display — User's Guide Supplement — CC501013106
999-300-595	1	6542 Four Port PCM Device Logic Module — Installation Guide — CC501010656	999-300-651	1	6538/6539 Display AP Feature for Generic 3.2 — User's Guide E Supplement — CC501013122
999-300-601	1	Generic 3.0.1 Station Managers Guide Supplement — CC501010524	999-300-652	1	730 Multi-Tasking Graphics Terminal — User's Guide
999-300-608	1	6544 Token — Ring Logic Module — Installation Guide — CC501011019	999-300-653	1	730 Mounting Terminal Pocket Reference Card (3.5 x 8.5")
999-300-614	2	6562 Printer Controller Quick Reference Guide — CC501011142	999-300-693	1	6544 Controller Token-Ring Client Feature — Station Manager's Guide Supplement
999-300-615	1	6518 Display (56K560/AGA Keyboard) Generic 3.2 — User's Guide Supplement — CC501011373	999-300-694	1	730 Mounting Upgrade Kit — Installation Instructions — CC406096396
999-300-616	1	6528/6529 Display Generic 3.2 — User's Guide Supplement — CC501011365	999-300-698	1	6471 EA/EG Displays — User's Guide
999-300-617	1	6538/6539 Display Generic 3.2 — Users Guide Supplement — CC501011357	999-300-702	1	6471 FA/FG Displays — User's Guide
999-300-619	1	PCM Display Operation With 6500 Generic 3.2 — User's Guide — CC501011381	999-300-708	1	595 Laser Printer — Application Manual
999-300-623	1	6538/6539 Display User's Guide Supplement (Hewlett Packard Feature Group)	999-300-721	1	730+ Users Guide
999-300-629	3	AT&T 593 Laser Printer — User's Guide	999-300-735	1	705 MT Multitasking Terminal Reference Manual
999-300-630	3	AT&T 593 Laser Printer — Application Manual	999-300-738	1	750 CX Terminal System Administrators Guide
999-300-640	1	6544 Controller Generic 3.3 — Station Manager's Guide Supplement	999-301-121IS	1	Dataspeed 40 Printer — User's Guide
999-300-643	1	6544 Controller Token Ring Gateway Feature — Station Manager's Guide Supplement	999-301-123	1	How to Operate Data Set 201C with Synchronous DATASPEED 40/4 Station
999-300-644	1	6544 Controller AP Feature for Generic 3.2 Station Manager's Guide Supplement — CC501012892	999-301-124	2	Options Guide Asynchronous DATASPEED 4420 Keyboard Display
999-300-645	1	6544 Controller AP Feature for Generic 3.2 Technical Reference Supplement — CC501012884	999-301-132	1	Teleprinter 1000 KSR — Reference Card
999-300-646	1	730X User's Guide	999-301-138	1	DATASPEED 4430 — Optioning Manual
			Addendum	3	CC501006746
			999-301-139IS	3	Enhanced DATASPEED 4540/4544 CONT — Administration Manual — CC500067426
			999-301-150	2	COMM-STOR II CSV — User Reference Guide
			999-301-151	2	COMM-STOR II 8A1/8B1 — User Reference Card
			999-301-152	2	How to Use COMM-STOR II Extended Forms Option

Number	Issue	Subject	Number	Issue	Subject
999-301-158IS	1	PDE 100 Operate Card	999-304-136IS	1	Optioning Manual 43 Teleprinter 5 Level BSC Enhanced
999-301-159IS	1	PDE 200 Terminal Card	999-304-139IS	1	DATASPEED® 4540 Keyboard Display — User Guide — CC501000707
999-301-160IS	1	PDE COMM-STOR Technical Reference	999-305-121	2	How to Operate DATASPEED® 40 Forms Access Printer
999-301-175IS	3	TELESEER® SMDR — Service Manual	Addendum	2	
999-301-183IS	2	Model 5310/5320 Printer — Reference Manual — CC501001036	999-306-139IS	1	Enhanced DATASPEED® 4540 Wiring — Installation Guide — CC500000723
999-301-190IS	4	Network Distribution Systems Networking Multiplexers — Plan- ning and — Configuration Guide	AddendumIS	1	CC501002216
999-301-270IS	1	610 BCT — Pocket Reference Guide — CC500067459	999-306-250IS	1	PT 510A Technical Reference Manual
999-301-280IS	8/87	AT&T FAX 3510D Reference Manual	Addendum	1	
999-302-123	1	How to Operate Data Set 208A with Synchronous DATASPEED 40/4 Station	999-306-252IS	1	PT 510 Technical Reference Manual
999-302-124IS	1	DATASPEED 420 Technical Reference	999-307-139IS	5	DATASPEED 4558-12 Keyboard Display — CC500067475
999-302-132	1	Teleprinter 1000 KSR Configura- tion Worksheet	999-308-139IS	2	CC501001572
999-302-133	1	Teleprinter 1000 RO Configura- tion Worksheet	999-308-139IS	2	DATASPEED 4540-4546 Cont Administration Manual — CC500067483
999-302-137	1	Optioning Manual 43 Teleprinter 8 Level Buffered Selective Cal- ling	999-310-180IS	1	DATASPEED 4410 Display Ter- minal With Option Integrated MOD — User Guide
999-302-139IS	1	DATASPEED 4540 Keyboard Display — User Guide — CC501000681	999-310-181IS	2	DATASPEED 4425 Display Ter- minal — User Guide — CC500067509
999-302-151IS	1	How to Operate COMM-STOR II Local Storage Unit	999-311-121	2	How to Operate Data Set 103G in DATASPEED 40/2 Station
999-302-170IS	1	QUORUM® Teleconference Bridge Installation Manual	999-311-180IS	1	DATASPEED 4410 Display Ter- minal — Pocket Reference Guide — CC500067525
999-302-171IS	1	QUORUM Teleclass Bridge Ins- tallation Manual	999-311-181IS	2	DATASPEED 4425 Display Ter- minal — Pocket Reference Guide — CC500067533
999-303-136IS	1	43 Teleprinter 5 Level Buffered Selective Calling Implementation Manual	999-312-121	2	How to Operate Data Set 103J DATASPEED 40/2 Station
999-303-139IS	1	DATASPEED® 454P Information Display System Implementation Manual SNA/SDLC	999-312-180	8/87	DATASPEED 4410 — Technical Reference Manual
999-303-140	1	How to Operate DATASPEED® 4540/CP45 027 Keyboard Display	999-313-121	1	How to Operate Data Set 103 A3 DATASPEED 40 Station
999-303-143	1	Station Managers Manual DA- TASPEED® 4540/CP45 270	999-314-121	1	How to Operate Data Set 103A DATASPEED 40 Station
999-303-252IS	1	510 Introduction Training — User Card	999-314-139	1	IRMA Keyboard — Configuration Guide Card — CC500067541
			999-316-121	1	How to Operate Data Set 202C DATASPEED 40 Station

Number	Issue	Subject	Number	Issue	Subject
999-318-121	1	How to Operate Data Set 202R DATASPEED 40 Station	999-350-604	1	VMS Installation Implementation Maintenance Guide
999-318-139IS	1	4540/E4544 Local Channel Control — Implementation Guide — CC501000731	999-350-605	1	VMS Quick Reference Guide
999-319-121	1	How to Operate Data Set 202S DATASPEED 40 Station	999-350-606	1	VMS Installation Implementation Maintenance Update
999-320-121	1	How to Operate Data Set 202T DATASPEED 40 Station	999-350-607	1	VMS ERTA Administration Guide
999-350-502	1	FAX 3500D — User's Guide	999-350-613	1	CL Accounting TM Custom Installation
999-350-503	1	FAX 3500D — Quick Reference Guide	999-350-622	1	Customer Satisfaction Guarantee
999-350-504	1	FAX 3520D — User's Guide	999-350-623	1	1A Key Pocket Reference Card
999-350-505	1	FAX 3520D — Quick Reference Guide	999-350-625	1	Merlin ML VMS LGD SL Guide
999-350-580	1	FAX — Sales Training Video 1/2	999-350-626	1	GBS Marketing and Sales Guide
999-350-581	1	Facsimile Family — Sales Training Video/Companion Workbook	999-350-627	1	GBS USA Brochure (25 per pkg)
999-350-582	1	FAX 3500D — Customer Education Video	999-350-629	1	PAGE PAC* Help Guide (Text and Tabs Only)
999-350-585	1	FAX 3530D — Customer Education Video	Addendum	1	
999-350-586	2	FAX Dealer — Product Guide	999-350-637	1	Automated Document Deliver System
999-350-587	1	Family of FAX — Product Guide	999-350-638	1	INNMANAGER Marketing and Sales Guide
999-350-588	1	Family of FAX — Site Seller Guide	999-350-639	1	INNMANAGER Sample Reports Guide
999-350-589	1	FAX 3410D User Guide	999-350-641	1	ITT Sales and Service Guide
999-350-590	8/87	SPIRIT® Communications System — User Training Workbook	999-350-642	1	Executone Sales and Service Guide
999-350-591	1	SPIRIT Communications System — Sales Training	999-350-643	1	TIE Communications Sales and Service Reference Guide
999-350-592	1	SPIRIT Communications 2448 — User Training	999-350-644	1	MITEL Sales and Service Reference Guide
999-350-594	10/91	FAX — Competitive Facsimile Guide Button System — Interconnection/Cross-Connection Apparatus — Description and Installation	999-350-645	1	Classic Line Marketing
999-350-595	1	SPIRIT Communications System Model 308/616 System Planner	999-350-646	1	Trade-In Policy
999-350-596	1	AT&T FAX FEATURES and Competitive Product Matrix	999-350-655	3	Signaling Products Quick Reference Guide
999-350-599	1	FAX 3410D Field Service Manual	999-350-660	1	Partner II Installation Attendant
999-350-601	1	FAX 4515D User's Guide	999-350-661	1	GBS Product Family Posting
999-350-602	1	FAX 4525D User's Guide	999-350-665	1	Elevator Phone Sales Aid
999-350-603	1	VMS System Administration Guide	999-350-666	1	Explosive ATMO Phone (CIB3162) Sales Aid
			999-350-667	1	Outdoor Telephone (CIB3161)
			■ 999-350-668	1	LX-246/RDC II Marketing Sales Guide
			999-350-670	1	AT&T FAX PPF 200 User Guide

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Number	Issue	Subject	Number	Issue	Subject
999-5 ACD and KEY Systems			999-500-202IS	1	PAPERPAC 20 Musicmate — Service and Installation Manual
999-500-110	4	How to Operate COM KEY® 718 Communications System	999-500-203IS	8/87	PAPERPAC 20 Zonemate 3 — Service Manual — MERLIN CS Connect and Operation
999-500-115	4/89	How to Operate Attendant Tele-Emer Ans Bur-Basic 911 Service	999-500-204IS	2	PAPERPAC 20 Zonemate 9 — Service Manual
999-500-116	4/89	How to Operate 600A-Type Attendant Console Phase II ACD-ESS	999-500-205IS	1	PAPERPAC 20 Zonemate 39 — Service Manual
999-500-117	4/89	ACD-ESS™ Phase 2 Supervisor Console	999-500-206IS	2	PAPERPAC 20 Powermate MERLIN Communications System — Installation Instruction
999-500-119	4/89	AEMIS Function Group and ACD (em Supervisor Manual	999-500-225IS	2/87	Electronic Key Telephone System Model 2600 Self — Installation Guide
999-500-120	4/89	How to Operate 600B/C/D-Type Attendant Console Phase II ACD-ESS	999-500-226	4	SPIRIT Communications Model 308/616 — Customer Installation Instruction
999-500-121	4/89	How to Operate 10A1-50 Selective Console	999-500-227	2	SPIRIT Communications Model 308/616 Expand Unit — Installation Instruction
999-500-128	4/89	Customer Administration Panel (CAP) for ESS™ — How to Operate and Application Information	999-500-228	5	SPIRIT Communications Model 308/616 — Administrators Manual
999-500-133	5/89	AEMIS — Administration Guide	999-500-231	8/87	SPIRIT 308/MERLIN + 25/PAD (Stick-on Decals)
999-500-135IS	5	MERLIN® — User Guide 206/410 Feature Package 1	999-500-232	3	SPIRIT Communications System 2248/1224
999-500-136IS	2	MERLIN — User Guide 206/410/820 Feature Package 2	999-500-233	4	SPIRIT Communications System Model 2448 Expansion Unit — Installation Instructions
999-500-137IS	1	MERLIN — User Guide 1030/3070 F/M 1	999-500-234	4	SPIRIT Communications System Model 2448 Line and Station Cards — Installation Instructions
999-500-138IS	1	MERLIN — Using the MERLIN® System with CENTREX OR PDX	999-500-235	5	SPIRIT Communications System Model 2248 — Administration Manual
999-500-140IS	1	MERLIN — User Guide 1030/3070 F/M 4	999-500-236	3	SPIRIT Communications System Model 2448 48-button Attendant Adjunct — Instruction Card
999-500-141	1	MERLIN Plus R2 System Planner	999-500-237	4	SPIRIT Communications System — User Manual
999-500-143IS	1	MERLIN — Users Guide 1030/3070 F/M 5	999-500-238	3	SPIRIT Communications System Model 308/616
999-500-148	2	MERLIN PLUS User Guide	999-500-239	1	SPIRIT Button Designation Label Sheet
999-500-149	1	MERLIN II FM User Card	999-500-240	11/89	SPIRIT Customer Convenience Kit
999-500-153IS	1	2500 Telephone Set with Waiting and Recall	999-500-241	1	SPIRIT 308/616 Overlay
999-500-154IS	1	Message Waiting Indicator Adjunct — User Guide	999-500-242	1	SPIRIT 2448 Overlay
999-500-155IS	1	346 Modular Bulk Power Supply — User Guide			
999-500-200IS	11/87	PAPERPAC-Powermate Voice Paging System — Service and Installation Manual			
999-500-201IS	1	PAPERPAC-Talkmate Voice Paging System — Service and Installation Manual			

Number	Issue	Subject	Number	Issue	Subject
999-500-245	1	PAGEPAC VS	999-500-305	1	PAGE PAC 6 Installation Manual
999-500-247	1	Call Accounting System GBS — Planning, Configuration, and Implementation Guide	999-500-306	1	PAGE PAC 6+ Installation Manual
999-500-249IS	4/89	1A2 Key Telephone System — Replacement Parts Manual	999-500-307	1	PAGE PAC 20+ Installation Manual
999-500-250	1	FAX 3410D Service Training Manual	999-500-315	3	AT&T Door and Phone Controller Installation and Operation Manual
999-500-251	1	PAGEPAC 6/6 PL Marketing	999-500-316	1	PARTNER® PL Speaker Installation
999-500-253	1	PAGEPAC 6/6 Y/N Guide	999-500-317	1	PARTNER DR Phone Installation
999-500-257	1	PAGEPAC PL Quick Reference Card	999-500-332	1	PARTNER Made USA Brochure
999-500-259	1	PAGEPAC 6/6 Sales WB	Addendum	1	
999-500-260	1	FAX 9025 FAX User Guide	999-500-353	1	Audix Voice Power (AVP) Manager Guide R2.0
999-500-261	1	FAX 9035 FAX User Guide	999-500-354	1	Audix Voice Power (AVP) Quick Reference R2.0
999-500-262	1	FAX Field Service Manual	Addendum	1	
999-500-268	1	P TEC Lite Speaker	999-500-355	1	Intuity Voice Power (AVP) User Quick Reference R2.0
999-500-270IS	3	Installation Service manual — Single Line Set	999-500-356	1	Intuity Voice Power (AVP) System Manager's Guide R2
999-500-271	1	FAX 9015PF User Guide	999-500-357	1	Intuity Voice Power (AVP) Installation Maintenance Guide R2
999-500-272	1	FAX 9015PF Field Service Manual	999-500-413	1	ADDS Administration Guide
999-500-288	1	FAX 9020FX User Guide	999-500-416	1	FAX Attendant System Manager's Guide
999-500-289	1	FAX 9020FX Field Service Manual	999-500-417	1	FAX Attendant Installation and Maintenance
999-500-290	1	FAX 9012 User Guide	999-500-418	1	FAX Attendant User Quick Reference
999-500-291	1	FAX 9500 PPF FAX Operator's Guide	999-500-422	1	FAX 5300 Field Service Manual
999-500-291A	1	FAX 9500 PPF Plus Supplemental Operator's Instructions	999-500-423	1	FAX 5350 User's Guide
999-500-292	1	FAX 9022 FAX User Guide	999-500-424	1	FAX 5350 Quick Reference Book
999-500-292A	1	FAX User's Guide 9022 Update	■ Addendum	1	
999-500-293	1	FAX 9022 FAX Quick Reference Card	■ 999-500-429	1	Marketing Sales — Integrated Solution III
999-500-294	1	FAX 9025 Plus User Guide	■ Addendum	1	
999-500-295	1	FAX 9035 Plus User Guide	■ 999-500-431	1	PARTNER PLUS Marketing Sales Guide
999-500-297	1	FAX 5300 User Guide	■ 999-500-432	1	MERLIN LEGEND® Marketing Sales Guide
999-500-298	1	FAX 5300 Quick Reference Booklet	■ 999-500-433	1	COMDIAL and Southwestern Bell
999-500-299	1	FAX 9025 PL Quick Reference Guide			
999-500-300	1	FAX PL Field Service Technical Manual			
999-500-303	1	MERLIN PFC® (Phone Fax Copier) — User Guide			
999-500-304	1	MERLIN PFC — Installation and Maintenance			

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■ 999-500-434	1	NEC* PANASONIC†/TOSHIBA‡	999-502-138IS	2	MERLIN — User Guide 1030/3070 CTX/PBX F/M 3
■ 999-500-438	1	AT&T ACCULINK Access Con- troller Marketing and Sales Guide	999-502-140IS	1	MERLIN Planning Guide — 1030/3070 with F/M 4
■ Addendum	1		999-502-143IS	1	MERLIN Planning Guide — 1030/3070 with F/M 5
■ 999-500-439	1	AT&T Service Protection Plan III Account Team Brochure	999-502-144	1	MERLIN Plus Communications System — Users Card
■ 999-500-441	1	PARTNER Marketing and Sales Guide R3	999-502-145	1	MERLIN II Communications Sys- tem — User's Card — 7406 Voice Terminal
■ 999-500-442	1	MERLIN LEGEND Training Video Basic — End User	999-502-146	1	MERLIN II Communications Sys- tem — User's Card — Basic Touch-tone and Rotary Tele- phones
999-500-445	1	1993 Premier Performance	999-502-148	1	MERLIN Plus Communications System RLA Card
Addendum	1	DEFINITY® Price List	999-502-149	1	MERLIN II Communications Sys- tem Inst Gtng Std
999-500-450	1	DEFINITY® Marketing and Sales Guide	999-503-137IS	3	MERLIN — User Guide Basic TT/RO Telephones
999-500-640	1	FAX Finder 9500 Printer, Phone, Fax (PPF) Update	999-503-138	1	MERLIN II 5102234 User Guide
999-500-841IS	3	HORIZON® Attendant — User Guide	999-503-139	1	MERLIN II 7406B/D User Guide
999-501-133	12/82	AEMIS Administration Guide. Ad- dendum 1 (999-500-133)	999-503-140	1	MERLIN FM2 TT/ROT
999-501-138IS	8/87	MERLIN Maintenance Exchange Procedures	999-503-141	1	MERLIN II R3 TT/ROT
999-501-140	1	MERLIN Plus Communications System — System Planner	999-503-142	1	MERLIN II R3 User Guide Button
999-501-141	1	MERLIN Plus R2 Communica- tions System — System Planner	999-503-143	1	MERLIN II 7406D&W/D User Guide
999-501-142	8/87	MERLIN 1030/3070 PC6300 Call Management System Version 1.5	999-503-144	1	MERLIN II Communications Sys- tem — Planning Guide Forms
999-501-145	1	MERLIN II Communications Sys- tem — User's Card — 5-button, 10-button, and 34-button Voice Terminal	999-503-145	1	MERLIN II Communications Sys- tem — Planning Guide
999-501-149	1	MERLIN II Call Management System — System Manual	999-503-148	1	MERLIN Plus R2 Customer Chart
999-502-135IS	3	MERLIN — User Card MERLIN® Small Communications System	999-503-149	1	MERLIN II FM2 Planning Guide
999-502-136IS	1	MERLIN Standard Feature — User Guide 206/410/820	■ 999-503-413	1	ADDS Administration Guide Sys- tem
999-502-137IS	1	MERLIN — Attendant Guide 1030/3070 F/M 1	999-504-135IS	5	MERLIN — Administration Manu- al 206/410 F/M 1
			999-504-136IS	2	MERLIN — Administration Manu- al 206/410/820 F/P 2
			999-504-137IS	1	MERLIN 1030/3070 F/M 1 — Ad- ministration Manual
			999-504-138IS	2	MERLIN — Attendant Guide 1030/3070 CTX/PBX F/M 3
			999-504-139	1	MERLIN II Attendant Planning FM
			999-504-140	1	MERLIN II R3 Attendant User Guide

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999-504-149	1	MERLIN II Planning Guide CMS	999-508-143IS	1	MERLIN — Attendant Guide 1030/3070 F/M 5
999-505-137IS	3	MERLIN — User Guide Off-Premises Telephones	999-508-145	1	MERLIN II — Attendant's Card
999-505-144	1	MERLIN Plus Training	999-508-148	1	MERLIN II — Attendant's Guide
999-506-137IS	1	MERLIN — User Guide 1030/3070 F/M 2	999-509-135	8/87	MERLIN Plus Communications System — Sales Training
999-506-138IS	2	MERLIN Administration Manual 1030/3070 CTX/PBX F/M 3	999-509-138SP	1	MERLIN Guide (Spanish)
999-506-139	1	PARTNER R1 Installation User Guide	999-509-139SP	1	MERLIN Quick Reference Card (Spanish)
999-506-141	1	PARTNER Installation Programming Guide	999-509-140SP	1	MERLIN Faceplate BIS 10 (Spanish)
999-506-142	1	PARTNER System Manager's Guide	999-509-141SP	1	MERLIN Faceplate BIS 22 (Spanish)
999-506-143	2	MLC-6 Cordless Telephone — Installation and Troubleshooting	999-509-142SP	1	MERLIN Faceplate BIS 34 (Spanish)
999-506-144	1	PARTNER Quick Reference Card	999-509-143SP	1	MERLIN Faceplate BIS 22D (Spanish)
999-506-144SP	1	PARTNER Quick Reference Card (Spanish)	999-510-135	1	MERLIN II Custom Button Chart
999-506-145	1	PARTNER Plus Quick Reference Card	Addendum	1	
999-506-146	1	MLC6 Cordless Quick Reference Guide	999-510-136	1	MERLIN ML VMS Planning Guide Forms
999-506-147	1	PARTNER and PARTNER Plus Marketing	Addendum	1	
999-506-155SP	1	PARTNER Plus Quick Reference Card	999-510-137	1	MERLIN ML Installation Implementation Manual
999-506-156SP	1	PARTNER Plus Quick Reference Card (Spanish)	999-510-138	1	MERLIN ML Voice Message Quick Guide
999-507-137IS	1	MERLIN Administration Manual 1030/3070 F/M 2	999-510-139	1	MERLIN ML Administration Guide
999-507-140IS	1	MERLIN Administration Manual 1030/3070 F/M 4	999-510-141	1	MERLIN ML Planning Forms
999-507-143IS	1	MERLIN Administration Manual 1030/3070 F/M 5	999-510-145	1	PARTNER II VD Customer Training
999-507-144	1	MERLIN Plus Communications System — System Manual	999-6 Telephone Technique		
999-507-145	1	MERLIN II System Manual			Sleeves for 5 1/4 Disks
999-507-146	1	MERLIN II R3 System Manual	999-600-103	4/77	How to Win Friends on the Telephone
999-507-147	1	MERLIN II DRV Administration Chart	999-600-107	6/77	The Secretary and the Telephone
999-507-148	1	MERLIN Plus R2 1 Set	999-600-111	16	Area Code Handbook
999-507-149	1	MERLIN II System Manual FEA MOD	999-600-620IS	1	X25 BUS Monitor Operator Manual
999-508-137IS	1	MERLIN — Attendant Guide 1030/3070 F/M 2	999-601-195	8/87	Protocol Converter — User Manual
999-508-140IS	1	MERLIN — Attendant Guide 1030/3070 F/M 4	999-601-196	8/87	Protocol Converter Sales
			999-601-610IS	8/87	X25 NP Operators Handbook
			999-602-195	2	Protocol Converter — User Guide

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999-602-196	1	Protocol Converter — Sales	999-7 System 75, 85, AP, 3B2, and 3B5		
999-603-195	1	Protocol Converter — User Manual	999-700-021IS	1	500BCT — User Guide
999-603-196	1	Protocol Converter — Sales	999-700-022IS	1	460 Printer — User Guide
999-603-610IS	2	X25 NP — Site Preplanning Guide	Addendum	1	
999-605-610IS	2	X25 NP — Installation Guide	999-700-023IS	1	445 Printer — User Guide
999-605-620IS	2	X25 NC — Installation Guide	999-700-024IS	1	443 Printer — User Guide
999-605-622IS	1	X25 Mount Cabinet — Installation Guide	999-700-025IS	1	450 Printer — User Guide
999-605-630IS	1	X25 1845 NM — Installation Guide	999-700-027IS	2	System 85 Data Module — User Guide
999-607-640IS	2	X25 Field Repair Guide	999-700-028IS	2	System 85 Processor Data Module — User Guide
999-609-610IS	1	X25 NP Overview	999-700-029IS	2	System 85 Data Module Trunk Data Module Operation — User Guide
999-609-640IS	1	X25 NC Overview	999-700-047IS	2	System 85 7101A Voice Terminal — User Instruction
■ 999-610-122FR	1	MERLIN LEGEND French MLX-10D/MLX-28D/MLX-20L	999-700-049IS	3	System 85 72/74 Series Terminals — User Instruction
■ 999-610-122SP	1	MERLIN LEGEND Spanish MLX-10D/28D/20L	999-700-056IS	2	System 85 Auto Building Management — System Description Reference Manual
■ 999-610-123FR	1	MERLIN LEGEND 10D/MLX-28D/MLX-20L	999-700-057	2	ABM — User Guide for Terminal Operations
■ 999-610-135	1	MERLIN LEGEND Release Notes 1.1 1m Analog Direct Line Operators Guide	999-700-058	2	ABM — User Guide for Energy Management
■ 999-610-137	1	MERLIN LEGEND Release Notes 1.1 1m MLX Queued Call Operators Guide	999-700-061IS	2	System 85 Speakerphone — User Instruction
■ 999-610-152SP	1	MERLIN LEGEND French Single	999-700-062IS	2	System 85 Digital Display Module — User Instruction
999-610-640IS	1	X25 Asynchronous Terminal — User Guide	999-700-068IS	1	Data Call Set-Up — User Instruction
999-610-650IS	1	X25 Bisynchronous 3270 Terminal — User Guide	999-700-078IS	2	System 85 Multibutton Electronic Telephone Set — User Instruction
999-610-670IS	1	X25 SNA 3270 Terminal — User Guide	999-700-079IS	2	System 85 Multibutton Electronic Telephone Set with Speakerphone — User Instruction
999-610-680IS	1	X25 2780/3270 Terminal — User Guide 8/87 X25 SNA 3270 Terminal — User Handbook	999-700-080IS	1	457/458 ASF 1 Bin 2 Bin
999-612-640IS	1	X25 Asynchronous Terminal — User QRC	999-700-081IS	1	555 — User Guide Tractor Feed
999-612-650IS	1	X25 Bisynchronous 3270 Terminal — User QRC	999-700-300IS	1	Modular Processor Data Module — User Guide
999-612-680IS	1	X25 2780/3780 RJE — Quick Reference Guide	999-700-301IS	1	Modular Trunk Data Module — User Guide
999-621-620IS	1	X25 125 Amp Power Supply	999-700-304IS	2	Printer 455 — User Guide
999-622-620IS	2	X25 Cable Selection for I/O Ports	999-700-328IS	1	457/458 Printer — User Guide
			Addendum	1	
			999-700-329IS	1	457/458 Printer Guide — Printer Accessories

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999-700-400IS	1	System 85 — Introduction	999-700-631IS	1	System 85 Port Tester — User Card
999-700-442IS	3	System 85 — SMT Administration Management — User Guide	999-750-520IS	1	3BNET Overview
999-700-459IS	1	AP Office Management Applications Reference Manual	999-8 Software		
999-700-463IS	1	Automated Building Management — Installation Planning — Reference Manual	999-801-020IS	8/87	3B2300 Administration Guide Issue 2 TPC6300 ETHERLINK* — Installation Guide
999-700-464IS	2	System 85 7103A Program Voice Terminal — User Instruction	999-801-021IS	2	NC Interface PC6300 — User Guide
999-700-473IS	3	System 85 Release 2 Version 1 and 2 — Documentation Guide	999-801-089	1	MS DOS 3.30 — Program Guide
999-700-474IS	1	System 85 7404D Voice Terminal — User Instruction	999-801-202IS	1	513 Terminal Emulator User's Guide
999-700-482IS	1	System 85 515BCT — Technical Description	999-801-208IS	8/87	PC6300 Compatibility Guide
999-700-483IS	2	515BCT — User Guide	999-802-003IS	8/87	Level II COBOL Language — Reference Manual
999-700-485IS	1	513 Business Communications Terminal	999-802-004IS	8/87	Level II COBOL — Operating Guide
Addendum	1		999-802-010IS	8/87	AT&T Command Basic Language — Reference Manual
999-700-486IS	1	513 Business Communications Terminal — User Guide	999-802-011IS	8/87	AT&T Command Basic — User Guide
999-700-493IS	1	513 Business Communications Terminal — Technical Reference Manual	999-802-012IS	8/87	AT&T Command COBOL Language — Reference Manual
999-700-496IS	1	Voice Management Console Terminal Operation with AUTOVON	999-802-013IS	8/87	AT&T Command COBOL — Users Guide
999-700-503IS	2	Audio Information Exchange (AUDIX®)	999-802-014IS	8/87	AT&T Command FORTRAN Language — Reference Manual
999-700-530IS	2	Getting Started with the 500 Business Communications Terminal	999-802-015IS	8/87	AT&T Command FORTRAN — User Guide
999-700-532IS	3	Office Manager — Users Guide	999-802-016IS	8/87	AT&T Command Pascal Language — Reference Manual
999-700-533IS	2	Electronic Document Communications Text Editors — User Guide	999-802-017IS	8/87	AT&T Command Pascal — User Guide
999-700-535IS	2	Electronic Document Communications — Administration Guide	999-802-018IS	8/87	AT&T Command Debugger — User Guide
999-700-540IS	1	Call Detail Record/Report — Administration Guide	999-802-021IS	8/87	RM/COBOL Compiler — User Guide
999-700-541IS	1	Terminal Change Management — Administrators Guide	999-801-034IS	8/87	MF Level II COBOL/ET Animator — Operating Guide
999-700-543IS	3	Applications Processor — Administrators Guide	999-801-037IS	8/87	MF Level II COBOL/ET Forms-2 Utility Manual
999-700-555IS	1	3270 Terminal Emulation 500 BCT Keyboard Template	999-801-038IS	1	MF Level II COBOL/ET — High Performance Operating Guide
999-700-560IS	1	OVERVIEW™ Electronic Document Communications			
999-700-620IS	1	Command Line Electronic Document Communications — Quick Reference Card			

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Number	Issue	Subject	Number	Issue	Subject
999-802-100IS	1	UNIBOL Language — Reference Manual	999-806-102IS	8/87	CMCS — Traffic Manual
999-801-102IS	8/87	UNIBOL Run-Time Manual	999-806-103IS	8/87	CMCS — Inventory Manual
999-801-103IS	8/87	UX Basic and — User Reference Manual	999-806-104IS	8/87	CMCS — Accounts Receivable Manual
999-803-000IS	8/87	Dbase II — User Guide	999-806-105IS	8/87	CMCS — System Administrators Manual
999-803-001IS	8/87	Dbase II — Reference Manual	999-806-107IS	8/87	CMCS — System/Installation Guide
999-803-002IS	8/87	INGRES — System Overview	999-806-108IS	8/87	CMCS — Quick Reference Guide
999-803-006IS	8/87	AT&T INGRES Visual Forms Editor — Users Guide	999-806-109IS	8/87	CMCS — Worksheets
999-803-058IS	8/87	Dbase III — User Guide	999-807-000IS	8/87	Gift Registry — User Guide
999-803-059IS	8/87	Dbase III — Reference Manual	Addendum	8/87	
999-803-211IS	1	Personal Terminal 505 — User Guide	999-807-001IS	8/87	AT&T Gift Registry — Administrators Guide
999-804-006IS	1	UltraCalc* — User Guide	999-807-115IS	8/87	Legal Solution Accounting — Getting Started
999-804-060IS	8/87	Prevail — User Interface	999-807-116IS	8/87	Legal Solution Accounting — User Guide
999-804-063IS	8/87	Prevail Module 2	999-807-117IS	8/87	Legal Solution Accounting System — Administration
999-804-064IS	8/87	Prevail Module 3	999-807-120IS	8/87	DR. Solution BAS System — User Guide
999-804-300IS	8/87	SuperCalc† 3 — User Guide and Reference Manual	999-807-124IS	8/87	Dental Solution System — User Guide
999-804-302IS	8/87	SuperCalc 3 — Supplemental Issue	999-807-134IS	8/87	DR. Solution — Utility Guide
999-805-000IS	8/87	Microsoft Word Manual WRITER'S WORKBENCH‡ — User Guide	999-807-151IS	8/87	Glows-Practice Management Manual
999-806-006IS	1	BACS EXEC Overview	999-807-152IS	8/87	Glows-Client Accounting Manual
999-806-007IS	1	BAS O/I Primer Release 2	999-807-153IS	8/87	Glow Audit Manual
999-806-008IS	1	BAS Payroll Primer Release 2	999-807-154IS	8/87	Glows Write-Up Manual
999-806-009IS	1	BAS A/P Primer Release 2	999-807-155IS	8/87	Glows Fixed Assets Manual
999-806-010IS	1	BAS A/R Primer Release 2	999-807-156IS	8/87	Glows After-The-Fact Payroll Manual
999-806-011IS	1	BAS G/L Primer Release 2	999-807-157IS	8/87	Glows 1099 Manual
999-806-024IS	2	BAS — Installation Guide Release 2	999-809-024IS	8/87	3278 Terminal — User Guide
999-806-025IS	2	BAS O/I Manual Release 2	999-809-026IS	1	SSI for 3B5 — Administrator Guide
999-806-026IS	2	BAS Payroll Manual Release 2	999-809-028IS	1	SSI Applications Prog INTFC Prog — Reference Manual
999-806-028IS	2	BAS Accounts Receivable Release 2	999-809-030IS	8/87	Tango — Administrators Guide
999-806-029IS	2	BAS G/L Manual Release 2	999-809-035IS	1	SSI for 3B2 — Administrators Guide
999-806-100IS	8/87	CMCS — Toll Manual	999-809-053IS	8/87	AT&T Document Exchange Release Notes for Release 1
999-806-101IS	8/87	CMCS — Billing Manual	999-809-104IS	1	STARLAN 3B2 NAU — Installation Guide
			999-809-105IS	8/87	STARLAN RS-232C NAU — Installation Guide Disks)

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