

**NUMERICAL INDEX — DIVISION 103
TRANSMISSION TEST EQUIPMENT**

1. GENERAL

- 1.01** This index provides a listing of documents in Division 103.
- 1.02** This index reverted to Issue 1 in September 1984. Prior to that date there had been 99 issues of the index.
- 1.03** A bullet (●) indicates an item that has been added or changed since the previous issue of the index.
- 1.04** A 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 index.
- 1.05** A club (♣) indicates an item that refers to a manufacturer's manual — providing a number for filing purposes and instructions for ordering the manual.
- 1.06** A heart (♥) indicates an item which, because of its limited need, will not be distributed on standing order except through coded distribution. Additional copies may be obtained by placing regular (one-time) orders.
- 1.07** A spade (♠) indicates an item not on microfiche.
- 1.08** "Add" is the abbreviation for Addendum.

2. LAYERS

- 2.01** This division is arranged in layers as follows:
- 103-0 Indexes and Equipment Test Lists
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 - 2 Voice-Frequency Transmission Measuring Sets, Systems and Associated Equipment
 - 3 Oscillators, Signal Generators, Milliwatt Reference Generators, and Distributing Systems
 - 4 Carrier-Frequency Transmission Measuring Sets, Lightwave and High Capacity Systems and Associated Equipment, Lightwave Test Sets
 - 5 Carrier-Frequency Noise Measuring Sets
 - 6 Crosstalk and Noise Measuring Sets and Associated Equipment
 - 7 Video Test Sets and Associated Equipment
 - 8 Telegraph and Teletypewriter Testing Apparatus and Tools
 - 9 PICTUREPHONE® Service

3. INDEX

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103-421 J64044A (44A) Transmission Measuring System (Range: 50 to 3500 Kilocycles)			Description		
103-421-100	1	Description	103-432-100	2	General
103-422 Wandel-Goltermann Milliwatt Test Set EPM-1			103-432-101	2	J64090A (90A) Oscillator
103-422-000	1	Description, Operation, and Maintenance	103-432-102	2	Description, Operation, and Maintenance — J64090B (90B) Selective Detector
103-423 Hewlett-Packard Selective Level Measuring Set 3745B			103-432-103	2	J64090C (90C) Console
103-423-102	1	Description and Operation	103-432-104	3	Description, Operation, and Maintenance — J64090D (90D) Level Control
			103-432-105	2	J64090E (90E) TMS

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103-432-107	2	Description, Operation, and Maintenance — J64090G (90G) Oscillator
103-432-108	2	Description, Operation, and Maintenance — J64090H (90H) Selective Detector
103-432-109	1	Description, Operation, and Maintenance — J64090J (90J) Fixed Frequency Selector
103-432-120	2	J64091 DP (91DP) and J64091GP (91GP)
103-432-121	2	J68958A Control Unit — Description, Operation, and Maintenance

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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
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103-434 J64092A CTMS (Carrier Transmission Maintenance System)

103-434-110	1	J64092B Programming Console — General Description
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103-434-510	1	J64092B Programming Console — Maintenance

103-435/441 L1 Carrier Test Sets**103-435 2A Pilot Indicator**

103-435-100	3	Description
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103-436 Switching Section Phase Comparison Set

103-436-100	1	Description
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103-437 J68825A (25A) Repeater Activity Test Set

103-437-100	2	Description
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103-438 97A Test Set

103-438-100	3	Description
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103-439 6077A Test Set

103-439-100	1	Description
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103-440 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

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103-440-503	1	Trouble Location
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103-441 D178980 Transmission Measuring Set

Add 103-441-100	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**103-450 J64007A (7A) Pilot Indicator**

103-450-100	3	Description
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103-451 J64001AL (1AL) Power Test Set

103-451-100	2	Description
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103-452 J68839A (39A) and J68839B (39B) Thermistor Control Sets

103-452-100	3	Description
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103-453 J68837A (37A) and J68837C (37C) Cosine Equalizer Adjustment Sets

103-453-100	3	General Considerations
103-453-101	3	Description
103-453-500	3	Calibration and Operation
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103-453-501	3	Maintenance

103-454 J68837B (37B) Cosine Equalizer Adjustment Set — Portable Receiver

103-454-000	3	J68837B and J68837D — Description and Operation
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103-455 ED-51064-30 Pilot Hit Detector (L4 Carrier)

103-455-000	1	Description, Operation, and Maintenance
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103-456 J68898A (98A) Pilot Frequency Measuring Set, Lists 1 and 2 (L4 Carrier)

103-456-000	2	Description, Operation, and Maintenance
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103-457 J68899A Main Station Repeater Test Set (L4 Carrier)

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103-457-000	2	Description, Operation, and Maintenance

103-458 Repeater Test and Maintenance Stand (L4 Carrier)

103-458-000	2	J68906A — Description, Operation, and Maintenance
103-458-100	1	J68906B — Description, Operation, and Maintenance

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103-460 Line Equipment Test Stand J68923A and Warm-Up Rack ED-51487 (L5 Carrier)		
103-460-000	2	Description, Operation and Maintenance
103-467/485 N, O and ON Carrier System Test Equipment and Test Sets		
103-467 J98705M (5M) Channel Unit Test Stand		
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103-468 Carrier Failure Indicator		
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103-469 KS-21697 HIN Test Set		
103-469-100	1	Description, Operation, and Maintenance
103-471 J94002N (2N) Group Unit Switching Set		
103-471-100	3	Description
103-472 J94002M (2M) Switching Set for N1 and ON Repeaters and N2 Repeaters with N2/N1 Adapters		
103-472-100	4	Description and Maintenance
103-473 J98703BD (3BD) Switching Set for N1A Repeaters and N2 Repeaters in N2/N1A Adapters		
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103-474 J94002J (2J) Repeater Test Set		
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103-475 J94002K (2K) Tube Test Set		
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103-476 J94002P (2P) Tube Test Set		
103-476-100	2	Description
103-477 J98703AF (3AF) Deviation Regulator Test Set		
103-477-100	1	Description
103-478 N Line Test Sets — Description and Operation		
Add 103-478-100	1	
103-478-100	2	KS-19750 Deviation Test Set
103-478-101	1	Sierra Model 322A Carrier Generator
103-480 N2 Switching Sets		
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103-480-101	1	J99321S — Description
Add 103-480-500	1	
103-480-500	3	J99272U — Maintenance
Add 103-480-501	1	
103-480-501	3	J99321S — Maintenance

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103-481 N2 Terminal Test Stands		
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103-481-100	2	(J99272W) — Description
103-481-101	1	J99272AH — Description
103-481-500	2	(J99272W) — Maintenance
103-481-501	1	J99272AH — Maintenance
103-483 N3 Switching Set		
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103-483-501	1	Maintenance
103-484 N3 Terminal Test Stand		
103-484-100	1	Description
103-484-501	1	Maintenance
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103-486 Transmission Facilities and Lightwave Test Sets		
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103-486-104	1	Digital Transmission Systems J98721J Portable Signal Generator — Description, Operation, and Maintenance
103-486-105	1	Nickel-Cadmium Battery Charger KS-21797, L1 — Description, Operation, and Maintenance — Digital Transmission Systems
103-486-111	2	FT3 Line Test Set (KS-22264, L1) — Description, Operation, and Maintenance — FT3 Lightwave Digital Transmission System — Transmission Test Equipment
103-486-112	2	FT3C Test Unit KS-22670, List () — Description, Operation, and Maintenance — FT3C Lightwave Digital Transmission System
103-486-113	2	FT3C Portable Violation Monitor (KS-22671, L1) Description, Operation, and Maintenance — FT3C Lightwave Digital Transmission System
103-486-114	2	190A Optical Loss Test Set — Description, Operation, and Maintenance
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103-486-119	1	FTX-180/FT3C Test Unit KS-23128, List 1 — Description, Operation, and Maintenance — FT3C/FTX-180 Lightwave Digital Transmission System
103-486-120	2	FTX-180/FT3C Portable Violation Monitor (KS-23129, L3) — Description, Operation, and Maintenance — FT3C/FTX-180 Lightwave Digital Transmission System

103-487 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 1A-RDS Signal Monitor Test Set

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103-490 T1 Carrier — Test Equipment and Test Sets

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103-491-100	2	J98710F, List 1 and J98710F, List 2 Fault Locating Sets — Description, Operation, and Maintenance
103-492-100	4	J98710H Repeater Test Set — Description and Maintenance
103-493-100	4	Digital Transmission Systems — 113A Test Set — Description, Operation, and Maintenance
103-493-101	3	Digital Transmission Systems — 113B Test Set — Description, Operation, and Maintenance
♣ 103-493-102	1	Sierra 316A — T-1 Line Repeater Test Set
103-493-103	2	Digital Transmission Systems — J98710P T1 Line Error Detector — Description, Operation, and Maintenance
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103-493-110	1	Digital Transmission Systems — Bowmar Model 271B — Error Rate Test Set
103-493-111	1	Digital Transmission Systems — Northeast Electronics Model 7031 — T1 Error Rate Monitor
103-493-115	1	107B Power Unit — Description and Maintenance
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103-494-100	2	J98725AC Office Bipolar-Violation Detector — Description and Maintenance
103-494-101	1	J98725AB TIC/T1 Manhole Bipolar Violation Detector — Description and Maintenance
103-494-103	3	J98725AE T1C Line Repeater Test Set — Description and Maintenance
103-494-104	3	J98725AA Pair Loss Test Set — Description, Operation, and Maintenance
103-494-105	3	T1C/T1 Quasi-Random Signal Source (QRSS) — Description, Operation, and Maintenance
103-494-106	1	J98725AD T1C/T1 Fault-Locating Test Set — Description and Maintenance
103-494-107	3	KS-22424 T1D Test Set — (Fault Locating and Repeater) — Description and Maintenance
103-494-108	3	KS-22423 T1D Test Set (Manhole Violation Detector) — Description and Maintenance
103-494-109	1	J98725AJ Fault Line Power Module — Description — Digital Transmission Systems
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103-495 T2 Carrier — Test Equipment and Test Sets

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103-496 Fault Locating Set

103-496-100	1	
103-496-100	3	17J — Description and Operation — Digital Transmission Systems

103-497 Regenerator Test Set

103-497-100	4	J98717M Regenerator Test Set — Description, Operation, and Maintenance
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103-498-100	3	T2 Digital Line — 17K — Description and Operation
103-5 CARRIER-FREQUENCY NOISE MEASURING SETS		
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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
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103-611-100	4	J94003A and B
103-611-101	2	J94003C (3C)
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103-620 Voiceband Impulse Counters — Single Level		
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103-620-100	5	J94006A (6A) and J94006E (6E) Impulse Counters — Description, Operation, and Maintenance
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103-626-100	3	6F and 6FR Voiceband Noise Measuring Sets (J94006F and J94006FR) — Description, Operation, and Maintenance
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103-627-101	1	(J94006G) — Modified for PICTUREPHONE Use — Description, Operation, and Maintenance
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103-703 J64047A (47A) Television Transmission Measuring System		
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103-705 J64047C (47C) Receiving Unit		
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103-736 36-Type Video Visual Gain and Delay Distortion Measuring Set (Range: 12 to 330 kc)		
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103-736-100	1	J64036A (36A) — Description
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103-738 J64070A (70A) and J64070B (70B) Power Meters (Range: Dc to 200 Megacycles)		
103-738-100	5	Description
103-745 KS-15512 Video Frequency Oscilloscope		
103-745-100	2	List 1, 2 and 3 — Description

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103-824-102	7	165C1 for Testing 43A1 VFCT System — Channel Terminals — Description and Operation
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103-824-501	5	165B1 for Testing 144-Type Coupling Units and 96A1 Electronic Loop Repeater — Operation
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103-920 Teletet Model Test Signal Generator

♥	103-920-100	1	613-Type — Description, Operation, and Maintenance
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♥	103-925-100	1	(J94006J and J94006K) — Description, Operation, and Maintenance
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103-930 Cable Equalizer Test Set J1C150K

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♥	103-930-100	2	Description and Operation
♥	103-930-101	1	942A Equalizer — Description

103-935 Cable Equalizer Fault Location Test Set J1C150L

♥	103-935-100	2	Description and Operation
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