EQUIPMENT TEST LIST INTERTOLL TRUNKS

NO. 4A AND 4M TOLL SWITCHING SYSTEMS

CONTENTS	PAGE	1. GENERAL
1. GENERAL	. 1	1.01 This section provides an index and informa- tion access system to locate the standard tests
5.1 OUT&2WAY-4A-IBM	. 2	applicable to equipment listed in the preceding table of contents. Test classification and frequency of peri-
5.2 OUT&2WAY-4A-CRRC	. 2	odic routine are also provided.
5.3 OUT&2WAY-4M-IBM	. 2	1.02 This Equipment Test List (ETL) is reissued to incorporate changes which are indicated by an
5.4 OUT&2WAY-4M-CRRC	. 3	arrow to the left of each line which has been changed
5.5 INC ONE-WAY	. 3	1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.
5.6 INC TOLL	. 4	
5.7 OUT TWO-WAY	. 4	1.04 Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph
5.8 OUT ONE-WAY	. 5	number, test title, test class, frequency, and the lass space is for a locally assigned job number.
5.9 OUT TOLL	. 5	1.05 Section 010-300-011 provides Equipment Tes
5.10 IMTF	. 6	List instructions.
5.11 TWO-WAY	. 8	
5.12 TWO-WAY PLUG-IN	. 9	
5.13 OPR & TRMSN	. 9	

NOTICE

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$5.0 INTERTOLL TRUNKS
  5.1 INTERTOLL TRUNKS: OUT&2WAY-4A-IBM
      SELECT ONLY ONE CATEGORY
        ADOIT SD-68588-01 WITH IBM 870 DOC WRITE -CARD CONTROL TRK
         SEL
           212-563-501 (2/0)
                                В
                                      **TF TEST**TEST LINE SUPERVISION & RINGING
                                                                                       MW *
                                E
                                      **TF TEST**RAPID E & M CONTINUITY
                                                                                       MW *
                                                                                               ----
                                F
                                      **TF TEST**TRUNK IDENTIFICATION
                                                                                       MW *
                                G
                                      **TF TEST**TRUNK VERIFICATION
                                                                                       MW *
        ADOIT SD-68588-01 WITH IBM 870 DOC WRITE - KEY CONTROL TRK
         SEL.
          212-563-501 (2/0)
                                Н
                                      **TF TEST**TEST LINE SUPERVISION & RINGING
                                                                                       MW +
                                K
                                      **TF TEST**RAPID E & M CONTINUITY
                                                                                       MW *
                                L
                                      **TF TEST**TRUNK IDENTIFICATION
                                                                                       MW *
                                M
                                      **TF TEST**TRUNK VERIFICATION
                                                                                       MW *
  5.2 INTERTOLL TRUNKS; OUT&2WAY-4A-CRRC
      SELECT ONLY ONE CATEGORY
        ADOIT SD-68588-01 WITH CRRC SD-68592-01-CARD CONTROL TRK SEL
          212-563-502 (2/0)
                                В
                                      **TF TEST**TEST LINE SUPERVISION & RINGING
                                                                                       MW *
                                R
                                      **TF TEST**RAPID E & M CONTINUITY
                                                                                       MW *
                                      **TF TEST**TRUNK IDENTIFICATION
                                                                                       MW *
                                      **TF TEST**TRUNK VERIFICATION
                                                                                       MM .
        ADOIT SD-68588-01 WITH CRRC SD-68592-01-KEY CONTROL TRK SEL
          212-563-502 (2/0)
                                H
                                      **TF TEST**TEST LINE SUPERVISION & RINGING
                                                                                       MM +
                                      **TF TEST**RAPID E & M CONTINUITY
                                K
                                                                                       MW +
                                T.
                                      **TF TEST**TRUNK IDENTIFICATION
                                                                                       HW *
                                      **TF TEST**TRUNK VERIFICATION
                                                                                       HW +
  5.3 INTERTOLL TRUNKS; OUT&2WAY-4M-IBM
      SELECT ONLY ONE CATEGORY
        ADOIT SD-68588-01 WITH IBM 870 DOC WRITE -CARD CONTROL TRK
         SEL
          212-563-501 (2/0)
                                В
                                      **TF TEST**TEST LINE SUPERVISION & RINGING
                                                                                       MW *
                                С
                                      **TF TEST**REORDER
                                                                                       MW *
                                D
                                      **TF TEST**EARLY RELEASE
                                                                                       MW *
                                R
                                      **TF TEST**RAPID E & M CONTINUITY
                                                                                       MW *
                                      **TF TEST**TRUNK IDENTIFICATION
                                                                                       MW *
                                      **TF TEST**TRUNK VERIFICATION
                                                                                       MW *
        ADOIT SD-68588-01 WITH IBM 870 DOC WRITE - KEY CONTROL TRK
         SEL
                                      **TF TEST**TEST LINE SUPERVISION & RINGING
          212-563-501 (2/0)
                               Н
                                                                                       MW *
                                      **TF TEST**REORDER
                                I
                                                                                       MW +
                                      **TF TEST**EARLY RELEASE
                                J
                                                                                       MW *
                                      **TF TEST**RAPID E & M CONTINUITY
                                                                                       MW *
```

TF TESTTRUNK VERIFICATION	MW *
5.4 INTERTOLL TRUNKS; OUT&2WAY-4M-CRRC	
SELECT ONLY ONE CATEGORY	
ADOIT SD-68588-01 WITH CRRC SD-68592-01-CARD CONTROL TRK SE	L.
\$ 212-563-502 (2/0) B **TF TEST**TEST LINE SUPERVISION	ON & RINGING HW *
C **TF TEST**REORDER	HW *
D **TF TEST**EARLY RELEASE	MM *
	TY MW *
F **TF TEST**TRUNK IDENTIFICATION	и ж *
G **TF TEST**TRUNK VERIFICATION	MW *
ADOIT SD-68588-01 WITH CRRC SD-68592-01-KEY CONTROL TRK SEL	
\$ 212-563-502 (2/0) H **TF TEST**TEST LINE SUPERVISION	ON & RINGING MW *
TF TESTREORDER	HW *
J **TF TEST**EARLY RELEASE	HM *
♦ **TF TEST**RAPID E & M CONTINU	TY
L **TF TEST**TRUNK IDENTIFICATION	и ж *
TF TESTTRUNK VERIFICATION	MM *
♦ 5.5 INTERTOLL TRUNKS; INC ONE-WAY	
TROUBLE TESTS	
♦ 212-530-501 (7/0) A TRUNK SEIZURE, PULSING, & SEND	ER RELEASE TT
B CONT & NONREVERSAL OF TALK PATH	HS & PAD TT
C SUPERVISORY FEATURES	TT
D MANUAL RING FORWARD	TT
▶ E ABANDONED CALL	TT
DISCONNECT TIME OF TRUNK	TT
G SIMPLEXES IN THE 4-WIRE TRANSM	ISSION PATH TT
H SPLIT "A" PAD CONTROL	TT
TRK CLASS VERIF-ELECTRONIC TRN	SL OFFICE TT
J TRUNK SENDER CLASS MARKS	TT
K ELECTRICAL BUSY	TT
♦ 212-530-502 (2/0) A TRUNK SEIZURE, PULSING & SENDE	R RELEASE TT
B CONT & NONREVERSAL OF TALK PAT CONTROL	HS & PAD TT
C SUPERVISORY FEATURES	TT
D MANUAL RING FORWARD	TT
E ABANDONED CALL	TT
F DISCONNECT TIME OF TRUNK	TT
G SIMPLEXES IN THE 4-WIRE TRANSM	
H SPLIT "A" PAD CONTROL	TT
TRK CLASS VERIF-ELECTRONIC TRN	SL OFFICE TT

•	212-530-502	(2/0)	J	TRUNK SEND CLASS MARKS	TT	*
•	5.6 INTERTOLL TRUNKS	; INC TO	LL			
•	FOR ALL UNITS					
•	212-330-501	(10/0)	СН	MSG TIMING & REG CKT FOR INWATS TRUNKS	MW 12M	
•	TROUBLE TESTS					
•	212-534-501	(9/0)	A	TRUNK SEIZURE, PULSING AND SENDER RELEASE	TT	
•			В	CONT, NONREVERSAL, & BALANCE OF TALK PATHS	TT	
•			С	TRANSMISSION SWITCHING PAD CONTROL TEST	TT	
•			D	SUPERVISORY FEATURES	TT	
•			E	RING FORWARD FEATURE	TT	
•			F	ABANDONED CALL FEATURE	T T	
•			G	SIMPLEXES IN THE 4-WIRE TRMSN PATHS	TT	
•			H	DISCONNECT TIME OF TRUNK	TT	
•			1	TRUNK SENDER CLASS MARK	TT	
•			J	TRK CLASS VERIF-ELECTRONIC TRNSL OFFICE	TT	
•			K	ELECTRICAL BUSY	TT	
•	212-534-502	(2/0)	A	TRUNK SENDER CLASS MARK	TT	
•			В	TRUNK SEIZURE, PULSING AND SENDER RELEASE	ŤŤ	
•			С	CONT, NONREVERSAL, & BALANCE OF TALK PATHS	TT	
•			a	TRANSMISSION SWITCHING PAD CONTROL TEST	TT	
•			E	SUPERVISORY FEATURES	TT	
•			F	RING FORWARD FEATURE	TT	
٠			G	ABANDONED CALL FEATURE	TT	
•			H	SIMPLEXES IN THE 4-WIRE TRMSN PATHS	TT	
•			I	DISCONNECT TIME OF TRUNK	TT	
•			J	TRK CLASS VERIF-ELECTRONIC TRNSL OFFICE	TT	
•	212-536-501	(2/0)		PART 1-PART 3	TT	
•	5.7 INTERTOLL TRUNKS	; OUT TW	YAW-O			
•	TROUBLE TESTS					
•	212-560-501	(7/0)	A	TRUNK SEIZURE, PULSING AND SENDER RELEASE	TT	
•			В	RERING FOWARD-RINGDOWN TRUNKS	TT	
•			С	RING FWD AND BACK-OUTGOING AUX TRUNKS	TT	
•			D	CONT, NONREVERSAL, AND BAL OF TALK PATHS	TT	
•			E	"A" PAD CONTROL	TT	
•			F	LOCKOUT AND RESTORE FEATURE	TT	
•			G	RING FORWARD-ALL TRUNKS EXCEPT RINGDOWN	TT	
•			H	RINGBACK OR SUPERVISORY FEATURES	TT	
•			I	REORDER FEATURE-DP TRUNKS	TT	
•			J	ABANDONED CALL FEATURE-DP TRUNKS	TT	
•			K	DISCONNECT TIME OF TRUNK	TT	
•			L	SIMPLEXES IN 4-WIRE TRANSMISSION PATH	TT	

•	212-560-501	(7/0)	M	SENDER CLASS MARKER	TT	
•			N	OVERALL TEST TO DISTANT END	TT	
•		*	0	CHECK OF MS LEAD	TT	
•			P	CHECK OF GB LEAD	TT	
•			Q	FALSE GROUNDED E LEAD	TT	
•			R	SPLIT "A" PAD CONTROL	TT	
þ 5	.8 INTERTOLL TRUNKS	; OUT O	NE-WAY			
•	TROUBLE TESTS					
•	212-560-502	(2/0)	A	TRUNK SEIZURE, PULSING AND SENDER RELEASE	TT	
•			В	CONT, NONREVERSAL, AND BAL OF TALK PATHS	TT	
•			С	"A" PAD CONTROL	TT	
•			D	LOCKOUT AND RESTORE FEATURE	TT	
•	. ~		E	RING FORWARD-ALL TRUNKS EXCEPT RINGDOWN	TT	
•			F	RINGBACK OR SUPERVISORY FEATURES	TT	
•			G	DISCONNECT TIME OF TRUNK	TT	
•			Н	SIMPLEXES IN 4-WIRE TRANSMISSION PATH	TT	
•			I	THROUGH TESTS TO DISTANT END	TT	
•			J	CHECK OF MS LEAD	TT	
•			K	CHECK OF GB LEAD	TT	
•			L	FALSE GROUNDED E LEAD	TT	
•	212-564-504	(2/0)	A	MSG TIMING AND REG CIRCUIT TEST	TT	
þ 5	.9 INTERTOLL TRUNKS	; OUT TO	OLL			
•	TROUBLE TESTS					
•	212-565-501	(2/0)	A	TRUNK SEIZURE	TT	
•			В	RERING FORWARD	TT	
•			С	RING BACK	TT	
•			D	REORDER (TRK TO NO. 1 & 3 TOLL TDM SWBD)	TT	
•			E	LOCKOUT AND RESTORE	TT	
•			F	SUPERVISORY-4-WIRE TOLL TDM TRUNKS OR TRUNKS TO NO. 1B TOLL SWITCHBOARDS	тт	
•			G	CONT NONREVERSAL, AND BAL OF TALK PATH	TT	
•			Н	SIMPLEXES IN THE 4-WIRE TRANSMISSION PATHS	TT	
•			I	CHECK OF MS LEAD	TT	
•			J	CHECK OF GB LEAD	TT	
•			K	CHECK OF INDICATOR CONTROL CIRCUIT	TT	
•	212-568-501	(2/1)	A	TRK SEIZURE, PULSING, & SDR RELEASE	TT	
•			В	CONT, NONREVERSAL, & BAL OF TALKING PATHS	TT	
•			С	SUPERVISORY FEATURES	TT	
•			D	RING-FORWARD FEATURE	TT	
•	•		E	ABANDONED CALL FEATURE	TT	
•			F	SIMPLEX IN THE 4-WIRE TRMSN PATHS	TT	

•	212-568-501	(2/1)	G	TRK CLASS VERIF-ELECTRONIC TRNSL OFF.	TT	
•			H	TRUNK SENDER CLASS MARK	TT	
•	5.10 INTERTOLL TRUNK	S; IMTF				
٠	TROUBLE TESTS					
•	212-571-501	(2/0)	A	SIGNALING AND SUPERVISION (103) TEST	TT	
٠			В	ROUTE VERIFICATION	TT	
١			C .	INCOMING RELEASE TEST	TT	
•			D	TRUNK VERIFICATION TEST	TT	
•			E	ELEC BSY TST USING SMAS (OVS ONLY)	TT	
•			F	ELEC BSY TST WITHOUT SMAS (OVS ONLY)	TT	
•	212-571-502	(2/0)	A	ONE-WAY 1000-HZ LOSS MEAS TO 102 TST LINE	TT	
•			В	ONE-WAY MSG CKT NOISE MEAS TO 100 TST LINE	ŤŤ	
•			С	ONE-WAY IMPULSE NOISE MEANS TO 100 TST LINE	TT	
•			С	ONE-WAY 1000-HZ LOSS MEANS AND NOISE CHECK	TT	
•			D	TWO-WAY 1000-HZ LOSS MEANS AND NOISE CHECK TO 104 TST LINE	TT	
•			E	TWO-WAY 1000-HZ LEVEL VERIF AT +7 TLP AND -16 TLP USING THE SMAS MLCP	TT	
•			F	TWO-WAY 1000-HZ LOSS MEAS TO +7 TLP AND -16 TLP WHEN SMAS IS NOT PROVIDED WITH THE INTEGRATED TEST FRAME	TT	
Þ			AA	TWO-WAY 1000-HZ LOSS MEAS TO 101 TST LINE	TT	
•			AB	TWO-WAY MSG CKT NOISE MEAS TO 101 TST LINE	TT	
•			AC	TWO-WAY IMPULSE NOISE MEANS TO 101 TST LINE	TT	
•			AD	TWO-WAY FREQ RESPONSE MEAS TO 101 TST LINE	TT	
•			AE	TWO-WAY TRANSMISSION TEST USING EXTERNAL TEST EQUIPMENT	TT	
•			BA	TWO-WAY 1000-HZ LOSS MEASUREMENT	ŤŦ	
•			ВВ	TWO-WAY 1000-HZ LOSS MEASUREMENT	TT	
Þ			BC	TWO-WAY IMPULSE NOISE MEASUREMENT	TT	
١			BD	TWO-WAY FREQ RESPONSE MEASUREMENT	ŤŤ	
•			BE	TWO-WAY TRANSMISSION TEST USING EXTERNAL TEST EQUIPMENT	TT	
•	212-571-503	(4/0)	A	USE OF COMM TRK AND HOLD KEYS	TT	
•			В	USE OF MAINT AND SERVICE OVERRIDE FEATURE	TT	
•			С	TEST OF 100, 101, 102, 103, 104, 105, 107, 108, SYNC, & NONSYNC TST LINES	TT ·	
•			D .	VACANT TERMINAL VERIFICATION	TT	
•			E	PLACING OUT CALL USING BELT-LINES, WHEN SW ACCESS TO TRKS NOT AVAILABLE	TT	
•			F	E & M LEAD SIGNALING (BELT-LINES)	TT	
•			G	E AND M LEAD SIGNALING (MLCP)	TT	
•			H	QFFICE LOSS USING IMTF W/O MLCP	TT	
•			I	OFFICE LOSS USING IMTF AND MLCP	TT	
•			J	ECHO SUPP TST SETUP TO A 108 TST LINE	TT	

•	212-571-503	(4/0)	К	ECHO SUPP TST SETUP-LOCAL TEST (IMTF AND MLCP)	TT	
. , •			L	ECHO SUPP TST SETUP LOOPED THROUGH THE VF PATCH BAY	тт	
•			M	DROP TST ON CKT WHICH MAY OR MAY NOT BE TURNED UP (SMAS ONLY)	тт	
•			N	SMAS SF LOOP TEST	TT	
•			0	TBL SECTIONALIZATION USING BELT-LINE (SMAS ONLY)	TT	
•			P	TOLL TANDEM TRUNK TEST	тт	
			Q	NIGHT ALARM AND SERVICE ALARM	TT	
			R	CANCEL SENDER LOCKOUT DISABLE	TT	
			S	USE OF BCT OR SCT KEY TO BYPASS THE CONTINUITY TESTS	TT	
•			T	FORCE LINK TRANSFER FEATURE (XH OPTION)	TT	
•			U	ECHO CANCELER LOGIC UNIT	ТT	
•			V	ECHO CANCELER LOCAL TESTS	TT	
•	CCIS PROVIDED					
•	212-571-507	(2/0)	A	ONE-WAY 1000-HZ LOSS MEAS TO 102 TEST LINE	TT	
•			A.1	TRUNK VERIF TST (IF FIRST AND SECOND IMTFS ARE EQUIPPED WITH A DECODER CONNECTOR APPEARANCE)	тт	
•			В	ONE-WAY MSG CKT NOISE MEAS TO 100 TEST LINE	тт	
•			С	ONE-WAY IMPULSE NOISE MEANS TO 100 TEST LINE	тт	
			C.2	ECHO SUPPRESSOR TEST SETUP TO A 108 (LOOP AROUND) TEST LINE	TT	
•			D	TWO-WAY 1000-HZ LOSS MEAS AND NOISE CHECK TO 104 TEST LINE	тт	
•			E	TWO-WAY 1000-HZ LVL VERIF AT +7 TLP AND -16 TLP USING SMAS MLCP	тт	
•			E.1	CCIS TRUNK STATUS AND CONTROL CHECK	TT	
•			F	TWO-WAY 1000-HZ LVL MEAS AT +7 TLP AND -16 TLP WHEN SMAS IS NOT PROVIDED WITH THE IMTF	TT	
•			F.1	VOICE FREQUENCY CONTINUITY TEST	TT	
•			H.2	TBL SECTIONALIZATION TESTING OF INC SEIZURE USING BELT LINES AND SMAS	TT	
•			1.2	TBL SECTIONALIZATION TESTING OF OG SEIZURE USING BELT LINES AND SMAS	TT	
•			J.2	CIOT CONDUCTED CCIS TRUNK TESTS REQUIRED FROM IMTF	тт	
•			K.2	USE OF COMM TRK AND HOLD KEYS	TT	
•			L.2	USE OF NIGHT ALARM (NA) AND SERVICE ALARM (SA) KEYS	TT	
•			M.2	ORIGINATING CALLS ON TANDEM TRUNKS	TT	
•			AA	TWO-WAY 1000-HZ LOSS MEAS TO 101 TEST LINE	TT	
•			AB	TWO-WAY MSG CKT NOISE MEAS TO 101 TEST LINE	TT	
•			AC	TWO-WAY IMPULSE NOISE MEAS TO 101 TEST LINE	TT	
•			AD	TWO-WAY FREQ RESPONSE MEAS TO 101 TEST LINE	TT	

•	212-571-507	(2/0)	AE	TWO-WAY TRNSMSN TESTS USING EXTERNAL TEST EQUIPMENT	ТT	
•			BA	TWO-WAY 1000-HZ LOSS MEASUREMENT	TT	
•			вв	TWO-WAY MSG CKT NOISE MEASUREMENT	TT	
•			вс	TWO-WAY IMPULSE NOISE MEASUREMENT	TT	
•			BD	TWO-WAY PREQ RESPONSE MEASUREMENT	TT	
•			BE	TWO-WAY TRNMSN TESTS USING EXTERNAL TEST EQUIPMENT	тт	
•	271-571-507	(1/0)	B.1	VOICE PATH LOOPBACK TEST	TŤ	
Þ	INCOMING					
•	212-571-507	(2/0)	B.2	OFFICE LOSS CHECK USING THE IMTF AND MLCP-INC CCIS TRUNKS ONLY	TT	
•			1. מ	RINGFORWARD AND ANSWER SUPERVISION TESTS OF INC CCIS TRUNKS	TT	
•			E.2	ECHO SUPPRESSOR TEST SETUP-LOCAL TEST (IMTF AND MLCP) INC TRUNK	TT	
•			G.2	ECHO SUPPRESSOR TEST SETUP LOOPED THROUGH THE VF PATCH BAY-INC TRUNK	TT	
•	OUTGOING					
•	212-571-507	(2/0)	A.2	OFF. LOSS CHK USING IMTF AND THE MLCP-OG CCIS TRUNKS ONLY	TT	
•			c.1	RINGFORWARD AND ANSWER SUPERVISION TESTS OF OG CCIS TRUNKS	TT	
•			D.2	ECHO SUPPRESOR TEST SETUP-LOCAL TEST (IMTF AND MLCP)OG TRUNK	TT	
•			F.2	ECHO SUPPRESSOR TEST SETUP LOOPED THROUGH VF PATCH BAY-OG TRUNK	TT	
•			N.2	ECHO CANCELER LOGIC UNIT AUTO. MODE	TT	
•			0.2	ECHO CANCELER LOGIC UNIT MANUAL MODE	TT	
•			P.2	ECHO CANCELER LOCAL TEST	TT	
•	5.11 INTERTOLL TRUNK	(S; TWO-	WAY			
•	TROUBLE TESTS			•		
•	INCOMING					
•	212-580-501	(7/0)	A	TRUNK SEIZURE, PULSING AND SENDER RELEASE	TT	
•			В	"A" PAD CONTROL, CONTINUITY, NONREVERSAL, & BALANCE OF TALKING PATHS	TT	
•			С	SUPERVISORY FEATURES	TT	
•			D	RING FORWARD	TT	
•			E	ABANDONED CALL	TT	
•			F	DISCONNECT TIME OF TRUNK	TT	
•			G	SIMPLEXES IN THE 4-WIRE TRMSN PATHS	TT	
•			Н	TRK CLASS VERIF-ELECTRONIC TRNSL OFFICE	TT	
•			I	ELECTRICAL BUSY	TT	
•	OUTGOING					
•	212-580-501	(7/0)	J	TRUNK SEIZURE, PULSING & SENDER RELEASE	TT	
•			K	"A" PAD CONTROL	TT	

```
212-580-501 (7/0)
                              I.
                                     LOCKOUT AND RESTORE FEATURE
                                                                                       TT
                               M
                                     RING-FORWARD FEATURE
                                                                                       TT
                               N
                                     SUPERVISORY FEATURES
                                                                                       TT
                               O
                                     REORDER FEAT. - DP TRK (NO. 4M SYS)
                                                                                       TT
                               p
                                     ABANDONED CALL FEAT. - DP TRK (NO. 4M SYS)
                                                                                       TT
                               Q
                                     DISCONNECT TIME OF TRUNK
                                                                                       TT
                                     OVERALL TEST TO DISTANT END
                                                                                        TT
      INCOMING & OUTGOING
        212-580-501 (7/0)
                                     SENDER CLASS MARKS
                                                                                        тт
                               T
                                     CHECK OF MS LEAD
                                                                                       TT
                               II
                                     CHECK OF GB LEAD
                                                                                       TT
                               v
                                     DISC. (ON-H OK) SIG ON AN OUTWARD CALL DISC.
                                                                                       TT
                                     ONE-WAY OUT JING OPERATION
                                                                                       TT
                                     SPLIT "A" PAD CONTROL INCOMING
                               X
                                                                                       TT
                                     SPLIT "A" PAD CONTROL OUTGOING
                                                                                       TT
5.12 INTERTOLL TRUNKS; TWO-WAY PLUG-IN
    TROUBLE TESTS
      INCOMING
        212-580-502 (2/0)
                                     TRUNK SEIZURE, PULSING AND SENDER RELEASE
                              A
                                                                                       ΤТ
                                     "A" PAD CONTROL, CONTINUITY, NONREVERSAL, & BALANCE OF TALKING PATHS
                               В
                                                                                       ጥጥ
                              C
                                     SUPERVISORY FEATURES
                                                                                       ጥጥ
                              D
                                     RING FORWARD
                                                                                       TT
                                     ABANDONED CALL
                                                                                       TT
                                    DISCONNECT TIME OF TRUNK
                                                                                       TT
                              G
                                     SIMPLEXES IN THE 4-WIRE TRMSN PATHS
                                                                                       TT
                              H
                                     TRK CLASS VERIF-ELECTRONIC TRNSL OFFICE
                                                                                       TT
      OUTGOING
        212-580-502 (2/0)
                                    TRUNK SEIZURE, PULSING & SENDER RELEASE
                              I
                                                                                       TT
                              J
                                     "A" PAD CONTROL
                                                                                       TT
                              K
                                    LOCKOUT AND RESTORE FEATURE
                                                                                       TT
                                    RING-FORWARD FEATURE
                              T.
                                                                                       TT
                              М
                                    SUPERVISORY FEATURES
                                                                                       TT
                              N
                                    DISCONNECT TIME OF TRUNK
                                                                                       тт
                                    OVERALL TEST TO DISCONNECT END
                              0
                                                                                       TT
      INCOMING & OUTGOING
        212-580-502 (2/0)
                                    CHECK OF MS LEAD
                              р
                                                                                       TT
                              0
                                    CHECK OF GB LEAD
                                                                                       TT
                                    ONE-WAY OUTGOING OPERATION
                              D
                                                                                       TT
5.13 INTERTOLL TRUNKS; OPR & TRMSN
    TROUBLE TESTS
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AOIT & ATTC WITH TTY SD-68456-01

212-562-501 (3/0) PART 1-PART 5

TT