

INDEX OF TESTS
 TERMINATING MARKER, TERMINATING TROUBLE
 INDICATOR AND MARKER CONNECTOR

1. GENERAL INFORMATION

1.1 This section with Sections 4A to 4C list the tests to be applied to the terminating markers, terminating trouble indicator and the terminating marker connectors in No. 1 Crossbar Offices. Performance requirements are listed, as is the list of test sets required, however cords and accessories are not included, reference shall be made to the detailed methods for these items.

1.2 Test Planning and Control: Refer to Section 0 Handbook 61 for information required prior to planning or conducting job test operations.

1.3 Sequence of Tests: In general it is recommended that the tests be applied in the order indicated by the arrangement of tests in Sections 4A to 4C, unless specific instructions in the individual test methods require a different sequence.

1.4 Notes: Any notes referred to in the "See Notes" column of sections 4A to 4C are listed below.

2. REQUIREMENTS

2.1 Tests listed in this summary conform to the requirements of BSP AA634.001 Performance Requirements section for No. 1 Crossbar Equipment. A copy of this BSP is included in Handbook 61 as Section 10.

3. SUPPLEMENTARY TESTS

3.1 Sections 4A to 4C list all the supplementary tests required on this equipment.

4. ROUTINE TESTS

4.1 The routine requirements which the equipment is to meet are shown below. Section 4C lists the information necessary for making the tests.

TABLE 1

<u>Name of Circuit</u>	<u>Routine No.</u>	<u>Frequency</u>		<u>% Fail.</u>	<u>Performance Last No. of Cycles</u>	<u>Ave. No. Cycles Req'd</u>	<u>Test Set Required</u>	<u>Test Methods</u>	
		<u>Min.</u>	<u>Max.</u>					<u>Sect.</u>	<u>Para.</u>
Terminating Marker	2770	1-5	1-1	Clear	2	4	Term. Tbl. Ind.	225.4	-

R. E. RAHMES

Engineer of Installation

Reason for Reissue:
 To rearrange information, change section number and list 4A to 4C.

Replaces in part Section 0.2 dated 1-20-49,

INDEX OF TESTS - SUPPLEMENTARY
 TERMINATING MARKER

NO. 1 SXS NO. 350 SXS	TOWN AND STATE	OFFICE	ORDER NO.	AREA	JOB TURNOVER DATE					
NAME OF CIRCUIT OR TEST	INT'VAL. BEFORE T'OVER	ID-1313 FILE NO.	TEST		TEST SET	DATE COMPLETED	NO. TBLES	SEE NOTE	TEST U. NO. U.	
			SECT.	PARA.					A	B
CONDITIONING TEST		S1	225	1. 31	(SD-25284)				JOB	
FUSING		S2	225.1	2.					MKR.	
CONTACT PROTECTION		S3	225.1	3.	ITE-8253					
CHANNEL SELECTION TEST		S4	225.1	4.	ITE-4033					
TIME MEASURE TESTS		S5	225.2	2-9	SD-25284 (TTI)					
TIMEOUT ON BUSY BACK		S6	225.2	10	"					
TIMEOUT ON REORDER		S7	225.2	11	"					
IMMEDIATE CONNECTION TO TTI		S8	225.2	12	"					
OVERLAP OPERATION		S9	225.2	13	"					
TIME OUT ON N.C. CALLS TO PBX		S10	225.2	14	"					
GRPS.REQ. END OF BLOCK HUNTING										
TM LEAD		S11	225.2	15	"					
LONG TIME OUT		S12	225.2	16	"					
DB LEAD		S13	225.2	17	"					
TIME OUT ON TROUBLE REORDER		S14	225.2	18	"					
ALL MARKERS BUSY ALARM		S15	225.2	19	"					
TROUBLE INDICATIONS										
TROUBLE ALARM		S16	225.3	2	"					
GROUNDING RELEASE LEAD		S17	225.3	3	"					
GROUNDING OR CROSSED NS LEAD		S18	225.3	4	"					
GROUNDING NF LEAD		S19	225.3	5	"					
GROUNDING OR CROSSED HOLD MAG. LEAD		S20	225.3	6	"					
GROUNDING LINK OR JUNCTOR LEAD		S21	225.3	7	"					
FALSE GROUND ON LEADS CTL OR CTT		S22	225.3	8	"					
GROUNDING WDG. ON INCPT. RELAYS		S23	225.3	9	"					
GROUNDING TWENTY BLOCK LEAD		S24	225.3	10	"					
CROSSED TB LEAD		S25	225.3	11	"					
CROSSED CONTROL (C) LEAD		S26	225.3	12	"					
CROSSED RF-TF LEAD		S27	225.3	13	"					
CROSSED HF-RF & HF-TF LEAD		S28	225.3	14	"					
CROSSED NF & NS LEAD		S29	225.3	15	"					
CROSSED OR GROUNDING SEL.MAG.LEAD		S30	225.3	16	"					
CROSSED INC. PRI.SELECT MAGNETS		S31	225.3	17	"					
CROSSED OVERFLOW OR BUSY BACK		S32	225.3	18	"					
FALSE GROUND ON FC LEAD		S33	225.3	19	"					
FALSE GROUND ON AK OR SL LEAD		S34	225.3	20	"					
CROSSED HORIZ.GRP.RELAY LEAD		S35	225.3	21	"					
GROUNDING OR OPEN CK-CK1 LEAD		S36	225.3	22	"					
FALSE GROUND ON L RELAYS		S37	225.3	23	"					
CROSSED PATTERN RELAYS		S38	225.3	24	"					
MISC. CROSS TESTS		S39	225.3	25	"					
CROSSED OFFICE DISCR.RELAYS		S40	225.3	26	"					
RINGING & TONE CONT.RELAY TROUBLES		S41	225.3	27	"					
FALSE CHARGE GUARD TEST		S42	225.3	28	"					
CONTINUITY TEST		S43	225.3	29	"					

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REMARKS

NEW JOB ADDITION

APPROVED _____

INDEX OF TESTS - SUPPLEMENTARY
 TERMINATING MARKER

NO. 1 SXS	TOWN AND STATE	OFFICE	ORDER NO.	AREA	JOB TURNOVER DATE					
					NO. 350 SXS					
NAME OF CIRCUIT OR TEST	TRIVAL BEFORE T'OVER	ID-1315 FILE NO.	TEST SECT.	PARA.	TEST SET	DATE COMPLETED	NO. TABLES	SEE NOTE	TEST U. A	NO. U. B
TROUBLE INDICATIONS (CONTINUED)										
GROUND TEST (FIRST TRIAL)		S44	225.3	30	SD-25284 (TTI)				MKR.	
CROSSED JC LEADS		S45	225.3	31	"					
CROSSED HUNDRED BLOCK (HB) LEADS		S46	225.3	32	"					
TROUBLE REORDER		S47	225.3	33	"					
JA AND JB LEADS		S48	225.3	34	"					
MISC. FEATURES		S49	225.3	35	"					
FC, RL, TRL, RO LEADS		S50	225.3	36	"					
OPEN SLEEVE LEAD INTERCEPT		S51	225.4	5.16	"					
BUSY LAMPS		S52	225.4	6	"					
LINE JUNCTOR GROUP SELECTION		S53	225.5	2	"					
JUNCTOR SUB-GROUP AND PATTERNS		S54	225.5	3	"					
NUMBER CHECKING		S55	225.6	2	"					
NO TEST		S56	225.6	3	"					
NO HUNT		S57	225.6	4	"					
REGULAR TEST DESK (NN)		S58	225.6	5	"					
EXTRA NUMBERS		S59	225.6	6	"					
LOCKOUT FEATURE OF SPECIAL MARKERS		S60	225.6	7	"					
LINE GROUP LOCKOUT		S61	225.7	2	"					
OPERATING I.L. SS MAGNETS MATE FR. CK		S62	225.7	3	"					
TERMINAL HUNTING		S63	225.7	4	"					
JUMP HUNTING		S64	225.7	5	"					
SECOND TRIAL		S65	225.7	6	"					
REORDER		S66	225.7	7	"					
FREE LINES		S67	225.7	8	"					
UNNUMBERED TERMINALS		S68	225.7	9	"					
FOUR PARTY RINGING		S69	225.7	10	"					
TRAFFIC REGISTERS		S70	225.7	11	"					
FUSE ALARM		S71	225.7	12	"					
MISC. CIRCUITS		S72	225.7	13	"					
INTERCEPTING TRUNKS		S73	225.7	14	"					

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INDEX OF TESTS-SUPPLEMENTARY-ROUTINE
 TERMINATING MARKER, TERMINATING TROUBLE
 INDICATOR, TERMINATING MARKER CONNECTOR

NO. 1 CROSSBAR	TOWN AND STATE	OFFICE	ORDER NO.	AREA	JOB TURNOVER DATE					
					DATE COMPLETED	NO. TBLES.	SEE NOTE	TEST U. NO. U.		
NAME OF CIRCUIT OR TEST		INTVAL. BEFORE T'OVER	ID-1313 FILE NO.	TEST SECT.	TEST PARA.	TEST SET	DATE COMPLETED	NO. TBLES.	SEE NOTE	TEST U. NO. U.
										A B
SUB. LINE OVERFLOW REG. TEST						SD-25284				
FUSING			S1	225.8	3	"				MKR.
CONTACT PROTECTION			S2	"	4	"				"
OVERFLOW REG. USING CONN. IN MARKER			S3	"	5	"				"
SUB. LINE OVERFLOW BY NUMBER			S4	"	6	ITE-4010 & OGT				"
GROUP CROSS-CONNECTIONS						TEST FR.				
LINE OVERLOAD CONT. (JACK PANEL)			S5	"	7	SD-25284				"
LINE OVERLOAD CONT. TWENTY BLOCK			S6	"	8	"				"
CROSS CONNECTIONS										
TERMINATING TROUBLE INDICATOR TEST										
FUSING			S7	226	5	-				"
RESISTANCE MEASUREMENTS			S8	"	4	ITE-1883				"
PREFERENCE CHAIN LOCKOUT CIRCUIT			S9	"	6	ITE-4033				"
MISCELLANEOUS CIRCUITS			S10	"	7	-				"
MISCELLANEOUS WIRING CHECK			S11	"	8	-				"
DOUBLE CONNECTION TEST			S12	"	9	-				"
MAKE BUSY			S13	"	10	-				"
MT KEY CHAIN CIRCUIT TEST			S14	"	11	-				"
TERMINATING MARKER CONNECTOR TEST										
FUSING			S15	224	4					"
CONTACT PROTECTION			S16	"	5	ITE-8253				"
MISC. CIRCUITS			S17	"	6					"
CONTINUITY TESTS			S18	"	7					"
SENDER CONTROL AND CHAIN CKTS.			S19	"	8					"
MARKER CONTROL AND CHAIN CKTS.			S20	"	9.1-9.7					"
CB RELAY LOCKING CIRCUIT			S21	"	9.8-9.9					"
MAKE BUSY FEATURES			S22	"	10					"
SENDER POSITION LAMPS			S23	"	11					"
TIME ALARM FIG. 2			S24	"	12.1					"
FALSE GRD. ON LEADS RL & TRL FIG. 10			S25	"	12.2					"
ALARM FEATURES FIG. 12			S26	"	13					"
SEQUENCE CIRCUIT FIG. 12			S27	"	14					"
INDICATIONS AT TROUBLE IND. FRAME			S28	"	15					"
MARKER ROUTINE		CYCLE 1	R1.1	225.4	-	TERM. TBLE. IND.				MKR.
#2770		2	R1.2	"		SD-25284-01				"
		3	R1.3	"		"				"
		4	R1.4	"		"				"

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