

**EQUIPMENT TEST LIST**  
**MISCELLANEOUS EQUIPMENT—COMMON ITEMS**  
**OFFICES WITH MASTER TEST FRAME**  
**NO. 5 CROSSBAR SYSTEMS**

CONTENTS	PAGE	CONTENTS	PAGE
1. GENERAL . . . . .	1	13.18 OP ORIG LINE CKT . . . . .	7
13.1 PRETRANSLATOR . . . . .	2	13.19 RANGE EXT UNIT . . . . .	7
13.2 FOREIGN AREA TRN . . . . .	2	13.20 INSER LOSS PAD . . . . .	7
13.3 COIN SUPRVS CKT . . . . .	3	13.21 NG-CONN NWS REL . . . . .	7
13.4 COIN SUP RLS CKT . . . . .	3		
13.5 COIN SUP CONC CT . . . . .	3	1. GENERAL	
13.6 DIAL COIN ZN CON . . . . .	3	1.01 This section provides an index and information access system to locate the standard tests applicable to equipment listed in the preceding table of contents. Test classification and frequency of periodic routine are also provided.	
13.7 MTC--LINE, LL, OR TLL MKR CONN . . . . .	3	1.02 This Equipment Test List (ETL) is issued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.	
13.8 MTC--ORIG, INC, & TRNS REG MKR CONN . . . . .	4	1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.	
13.9 MASTER TRF CONT--TRNSV CONN . . . . .	4	1.04 Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph number, test title, test class, frequency, and the last space is for a locally assigned job number.	
13.10 NG-CKT WS REL . . . . .	5	1.05 Section 010-300-011 provides Equipment Test List instructions.	
13.11 KS13834 PERF&RCD . . . . .	5		
13.12 CUST LN OGT COND . . . . .	5		
13.13 TRSNS TST PADS . . . . .	5		
13.14 LINE VERIF TESTS . . . . .	6		
13.15 LINE VERIF TSTS . . . . .	6		
13.16 TRAFFIC SMPL MON . . . . .	6		
13.17 AIS LINE CKTS . . . . .	7		

**NOTICE**

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## 13.0 MISC EQP-COMMON

## 13.1 MISC EQP-COMMON; PRETRANSLATOR

## SELECT ONLY ONE CATEGORY

## REGULAR SD-25568-01

◆	218-130-501 (5/0)	I	WORK TIMER AND TROUBLE RECORDER TIMER	MW 24M	-----
◆		J	TBL DETN FEAT FOR FALSE GROUND OR CROSSES	MW 24M	-----

## IDDD SD-27849-01

◆	218-130-502 (1/0)	I	WORK TIMER AND TROUBLE RECORDER TIMER	MW 24M	-----
◆		J	TRB DETN FEAT FOR FALSE GROUND OR CROSSES	MW 24M	-----

## INCOMING REGISTER-SD-27969-01

◆	218-131-501 (2/0)	I	WORK TIMER AND TROUBLE RECORDER TIMER	MW 24M	-----
◆		J	TROUBLE DETN TEST FOR FALSE GROUND OR CROSSES	MW 24M	-----

## TROUBLE TESTS

	218-130-501 (5/0)	A	TRANSLATION FEATURE	TT	-----
		B	OPEN RECEIVING LEAD CHECK	TT	-----
		C	OPEN RELEASE LEAD CHECK	TT	-----
		D	OPEN TRANSMITTING LEAD CHECK	TT	-----
		E	NO LOCKING GRND ON TRANS LEAD CHECK	TT	-----
		F	OPEN TROUBLE RELEASE LEAD CHECK	TT	-----
		G	TRANSFER START	TT	-----
		H	DISPLAY LOST	TT	-----
		K	MAKE-BUSY FEATURE	TT	-----
	218-130-502 (1/0)	A	TRANSLATION FEATURE	TT	-----
		B	OPEN RECEIVING LEAD CHECK	TT	-----
		C	OPEN RELEASE LEAD CHECK	TT	-----
		D	OPEN TRANSMITTING LEAD CHECK	TT	-----
		E	NO LOCKING GRND ON TRANS LEAD CHECK	TT	-----
		F	OPEN TROUBLE RELEASE LEAD CHECK	TT	-----
		G	TRANSFER START	TT	-----
		H	DISPLAY LOST	TT	-----
		K	MAKE-BUSY FEATURE	TT	-----
	218-131-501 (2/0)	A	TRANSLATION	TT	-----
		B	OPEN RECEIVING LEAD CHECK	TT	-----
		C	OPEN RELEASE LEAD CHECK	TT	-----
		D	OPEN TRANSMITTING LEAD CHECK	TT	-----
		E	NO LOCKING GRD ON TRANS LEAD CHECK	TT	-----
		F	OPEN TROUBLE RELEASE LEAD CHECK	TT	-----
		G	TRANSFER START	TT	-----
		H	DISPLAY LOST	TT	-----
		K	MAKE-BUSY FEATURE	TT	-----

## 13.2 MISC EQP-COMMON; FOREIGN AREA TRN

FOR ALL UNITS

218-724-501 (2/0) B TIME ALARMS AND MAKE-BUSY FEATURES MW 24M -----

TROUBLE TESTS

218-724-501 (2/0) A OPERATOR ERROR DETECTION TT -----

13.3 MISC EQP-COMMON; COIN SUPRVS CKT

FOR ALL UNITS

218-201-501 (6/0) A COIN COLLECT MW 12M -----

B COIN RETURN MW 12M -----

C STUCK COIN RETURN MW 12M -----

D STUCK COIN COLLECT MW 12M -----

G NO COIN IN BOX AT INITIAL COLLECT ATTEMPT MW 12M -----

I COIN SUPV ALARM AND HOLD FEATURES MW 12M -----

OPTIONAL FEATURES

ARRANGED FOR OVERTIME ANNOUNCEMENT

218-201-501 (6/0) E CHECK FOR OVERTIME DEP-COIN IN BOX MW 12M -----

F CHECK FOR OVERTIME DEP-NO COIN IN BOX MW 12M -----

M OVERTIME ANNOUNCEMENT FAILURE MW 12M -----

13.4 MISC EQP-COMMON; COIN SUP RLS CKT

FOR ALL UNITS

218-201-501 (6/0) H LOAD CONTROL FEATURE MW 12M -----

218-202-501 (4/0) A CANCEL COIN PRESENT TESTS BEFORE COIN CALL MW 12M -----

B CANCELLATION PERIOD FOR TST OF CN PRES ON OVT DEP MW 12M -----

13.5 MISC EQP-COMMON; COIN SUP CONC CT

FOR ALL UNITS

218-201-501 (6/0) J AVAIL. OF COIN SUPV CONCENTRATING CKT MW 12M -----

K COIN SUPV CONCENTRATING CIRCUIT ALARM MW 12M -----

L A RELAY FAILURE ALARM MW 12M -----

13.6 MISC EQP-COMMON; DIAL COIN ZN CON

FOR ALL UNITS

218-209-501 (2/0) F SHORT TIMEOUT MW 36M -----

G LONG TIMEOUT MW 36M -----

H END OF CYCLE AND GUARD TIMING MW 36M -----

TROUBLE TESTS

218-209-501 (2/0) A INCOMING TRUNK SEQUENCE OF SERVICE TT -----

B OUTGOING TRUNK SEQUENCE OF SERVICE TT -----

C TROUBLE INDICATIONS TT -----

D SELECT AND HOLD MAGNET CROSS DETECTION TT -----

E DIRECTION OF SELECTION CONTROL TT -----

13.7 MISC EQP-COMMON; MTC--LINE, LL, OR TLL MKR CONN

SELECT ONLY ONE CATEGORY

## OFFICES WITH DIAL TONE MARKERS

218-719-501 (10/0)	A	GATE ALARM	MW 12M	-----
	B	GATE ALARM RECYCLE	MW 12M	-----
	C	CONNECTOR GATING CONTROL	MW 12M	-----
	D	IDLE MARKER(IM RELAY)	MW 12M	-----
	E	AMB RELAY OPERATE PATH	MW 12M	-----

## OFFICES WITH ORIGINATING LINE IDENTIFIERS

218-719-501 (10/0)	F	GATE ALARM	MW 12M	-----
	G	GATE ALARM RECYCLE	MW 12M	-----
	H	CONNECTOR GATING CONTROL	MW 12M	-----
	I	IDLE MARKER(IM RELAY)	MW 12M	-----
	J	AMB RELAY OPERATE PATH	MW 12M	-----

## OFFICES WITH COMBINED MARKERS

218-719-501 (10/0)	K	GATE ALARM	MW 12M	-----
	L	GATE ALARM RECYCLE	MW 12M	-----
	M	CONNECTOR GATING CONTROL	MW 12M	-----
	N	IDLE MARKER (IM RELAY)	MW 12M	-----
	O	AMB RELAY OPERATE PATH	MW 12M	-----

## 13.8 MISC EQP-COMMON; MTC--ORIG,INC,&amp;TRNS REG MKR CONN

## SELECT ONLY ONE CATEGORY

## OFFICES WITH DIAL TONE MARKERS

218-719-502 (2/0)	A	GATE ALARM	MW 12M	-----
	B	GATE ALARM RECYCLE	MW 12M	-----
	C	CONNECTOR GATING CONTROL	MW 12M	-----
	D	IDLE MARKER(IM RELAY)	MW 12M	-----

## OFFICES WITH ORIGINATING LINE IDENTIFIERS

218-719-502 (2/0)	E	GATE ALARM	MW 12M	-----
	F	GATE ALARM RECYCLE	MW 12M	-----
	G	CONNECTING GATING CONTROL	MW 12M	-----
	H	IDLE MARKER(IM RELAY)	MW 12M	-----

## OFFICES WITH COMBINED MARKERS

218-719-502 (2/0)	I	GATE ALARM	MW 12M	-----
	J	GATE ALARM RECYCLE	MW 12M	-----
	K	CONNECTOR GATING CONTROL	MW 12M	-----
	L	RELEASE FRAME CONTROL	MW 12M	-----
	M	IDLE MARKER (IM RELAY)	MW 12M	-----

## 13.9 MISC EQP-COMMON; MASTER TRF CONT--TRNSV CONN

## FOR ALL UNITS

218-719-503 (2/0)	A	GATE ALARM	MW 12M	-----
	B	GATE ALARM RECYCLE	MW 12M	-----
	C	CONNECTOR GATING CONTROL	MW 12M	-----

218-719-503 (2/0)	D	IDLE MARKER (IM RELAY)	MW 12M	-----
13.10 MISC EQP-COMM; NG-CKT WS REL				
TROUBLE TESTS				
218-165-503 (4/1)	A	SLEEVE LEAD TEST	TT	-----
	B	TENS BLOCK ADV-TERM. HTG BLOCK HUNT NUMBERS	TT	-----
	C	TB ADV-TERM. HTG BLK SEL NOS-NONALTD HTG GRP	TT	-----
	D	TD BUSY IND & ADV-ALTD HTG GRPS	TT	-----
	E	NG PREFERENCE-ALLOTTED HUNTING GRP	TT	-----
	F	XSC RELAY CHECK	TT	-----
	G	TWO-LINE NUMBER	TT	-----
13.11 MISC EQP--COMMON; KS13834 PERF&RCD				
TROUBLE TESTS				
USING TROUBLE RECORDER TEST CKT				
218-218-501 (1/0)	A	SPEED AND ACCURACY OF RECORDER TEST	TT	-----
	B	SPARE INTERPOSER MAGNET AND PUNCH TEST	TT	-----
	C	RECORD SLOW COMPLETING ALARM	TT	-----
	D	CARD DISENGAGED FROM HOOK ALARM	TT	-----
	E	UNUSED CARD BIN NEARLY EMPTY ALARM	TT	-----
KS-13834 PERF & TROUBLE RECORDER CKT TESTS				
218-218-502 (5/0)	A	NUMBER OF RECORDS-COUNTING AND TIMING	TT	-----
	B	TROUBLE RECORDER CARD COMPL-TIMING AND ALARM	TT	-----
	C	MOTOR CONTROL TIMING	TT	-----
	D	ALARM SENDING-TOS RELAY PROVIDED	TT	-----
	E	UNUSED CARD BIN NEARLY EMPTY-WARNING AND ALARM	TT	-----
	F	TROUBLE RECORDER MAKE BUSY	TT	-----
	G	TIME OF DAY INFORMATION CONTROL	TT	-----
	H	CONTINUITY OF START LEADS	TT	-----
	I	MOTOR SPEED AND ACCURACY OF PERFORATION	TT	-----
	J	PATTERN TEST	TT	-----
	K	SELECTOR MAGNET RELEASE	TT	-----
	L	PERFORATOR LOAD	TT	-----
	M	1ST TRIAL FAILURE IND-OPTION N PROV	TT	-----
13.12 MISC EQP-COMMON; CUST LN OGT COND				
TROUBLE TESTS				
VM TSTS USING MTF				
218-245-501 (5/0)	A	CONT TEST-COLD CATHODE TUBE-TYPE TEL SET	TT	-----
	B	TEST FOR TBL COND CUST LINE OR OGT CONT	TT	-----
	C	METALLIC METER TEST-OGT COND	TT	-----
	D	CONT AND POL TEST-OGT COND	TT	-----
13.13 MISC EQP-COMMON; TRSNS TST PADS				

## TROUBLE TESTS

## MTF TRUNK TEST CKT SD25918-01

218-246-701 (1/0)	A	PAD A	TT	-----
	B	PAD D	TT	-----
	C	PAD B	TT	-----
	D	PAD C	TT	-----

## 13.14 MISC EQP-COMMON; LINE VERIF TESTS

## TROUBLE TESTS

## USING LINE VERIFICATION CKT SD-26181-01

218-102-502 (9/0)	A	LINES NOT ARRANGED FOR PBX OR INTERCEPT	TT	-----
	B	PBX LINES	TT	-----
	C	LINES ARRANGED FOR INTERCEPT	TT	-----
	D	LINES ARRANGED FOR LLP	TT	-----
	E	LINES ARRANGED FOR TWO-LINE NUMBER	TT	-----
	F	LINES ARRANGED FOR CENTREX FEATURES	TT	-----
	G	LINES EQUIPPED WITH AUX LINE CKTS	TT	-----
	H	VERIF OF NO. 101 ESS CO TRUNK	TT	-----
	I	VERIF OF OI & LINE NO. CROSS-CONN ON ANI TRNSV	TT	-----
	J	VERIF OF LINES ARRANGED FOR CCSA	TT	-----
	K	VERIF OF PBX AIOD TRUNK NUMBER	TT	-----

## 13.15 MISC EQP-COMMON; LINE VERIF TSTS

## TROUBLE TESTS

## USING MTF

218-102-501 (14/0)	A	LINES NOT ARRANGED FOR LINE CIRCUITS	TT	-----
	B	SLV LEAD CROSS-CONN-AUTO. SLV VERIF NOT PROV	TT	-----
	C	NG, LL, RC, & LL FR CL-OF-SRV & RATE TREATMENT-CROSS CONNECTION	TT	-----
	D	NG END-OF-GRP CROSS-CONN-LAST LINE OF HTG GRP	TT	-----
	E	NG TB ADV CROSS-CONN-BLK HTG METHOD TERM. HTG	TT	-----
	F	NG TB ADV CROSS-CONN-BLK SEL TERM. HTG-NONALTD NOS	TT	-----
	G	NG TB ADV CROSS-CONN-BLK SEL TERM. HTG-ALTD NOS	TT	-----
	H	LINES ARRANGED FOR 2-LINE NUMBERS	TT	-----
	I	TRNSL CROSS-CONN FOR LAMA OR ANI OFFICES	TT	-----
	J	REG, BLK NO., TBL OR CNTX INTCPT ON CUST GRP	TT	-----
	K	AIS LINE CIRCUIT	TT	-----
	L	LINES ARR FOR LLP-INDIVIDUAL TREATMENT	TT	-----
	M	LINE CKTS ARR FOR DIR ACC TO NO. 101 ESS	TT	-----
	P	LINES ARR FOR TANDEM TRK OPER	TT	-----

## 13.16 MISC EQP-COMMON; TRAFFIC SMPL MON

## TROUBLE TESTS

TEST CKT SD27876-01

218-104-501 (1/0)	A	STG CH TEST-ALL MKRS, ALL LEVELS	TT	-----
	B	STG CH TEST-MAN. LEVEL SELECTION	TT	-----
	C	STG CH TEST-MAN. MKR SELECTION	TT	-----
	D	COUNT SIGNAL	TT	-----
	E	SAMPLE SIGNAL	TT	-----
	F	MARKER TROUBLE RECORDER REQUEST	TT	-----
	G	TRAFFIC SAMPLE CKT BYPASS	TT	-----

13.17 MISC EQPT-COMMON; AIS LINE CKTS

TROUBLE TESTS

SD27892-01, SD27893-01

218-113-503 (4/0)	A	SEIZURE AND RELEASE	TT	-----
	B	REORDER	TT	-----
	C	MAKE-BUSY AND REMOTE MAKE-BUSY	TT	-----
	D	ALL-LINES-BUSY & CIRCUIT-BUSY INDICATION	TT	-----
	E	AIC CALL	TT	-----
	F	ALT FEATURE	TT	-----

13.18 MISC EQP-COMMON; OP ORIG LINE CKT

TROUBLE TESTS

FROM 5D SWBD

218-903-501 (1/0)	A	LINE SEIZURE & RELEASE	TT	-----
	B	LOCAL CAMP-ON	TT	-----
	C	TANDEM CAMP-ON	TT	-----
	D	RERING OF CALLED END OPERATOR	TT	-----

FROM NO. 19A TOLL TESTBOARD

218-903-501 (1/0)	E	LINE SEIZURE & RELEASE	TT	-----
	F	LOCAL CAMP-ON	TT	-----
	G	TANDEM CAMP-ON	TT	-----
	H	RERING OF CALLED END OPERATOR	TT	-----

13.19 MISC EQP-COMMON; RANGE EXT UNIT

TROUBLE TESTS

218-114-501 (3/0)	A	SEIZURE AND DISCONNECT	TT	-----
	B	RINGING DETECTION	TT	-----
	C	MAKE-BUSY AND FUSE ALARM	TT	-----
	D	TRANSMISSION TEST OF RANGE EXT UNIT	TT	-----

13.20 MISC EQP-COMMON; INSR LOSS PAD

TROUBLE TESTS

TTC SD25918-01

218-114-701 (2/0)	A	OFFICE AVERAGE DBM LOSS DETERMINATION	TT	-----
	B	CONNECTION OF INSERTION LOSS PADS	TT	-----

13.21 MISC EQP-COMMON; NG-CONN NWS REL

TROUBLE TESTS

218-165-501 (5/1)	B	FR MB-NG E/W LINE NO. OR BOTH LINE AND TRK NO.	TT	-----
	C	SLEEVE LEAD CHECK	TT	-----
	D	TENS BLOCK ADVANCE--TERM. HTG BLOCK HUNT NOS	TT	-----
	E	TENS BLOCK ADVANCE--NONALLOTTED HTG GRPS	TT	-----
	H	TENS BLOCK BUSY IND & ADV--ALTD HTG GRPS	TT	-----
	I	NG PREF--ALLOTTED HUNTING GROUPS	TT	-----
	J	CALLING LINE IDENTIFICATION	TT	-----