

EQUIPMENT TEST LIST
CONNECTORS AND LINKS
OFFICES WITH MASTER TEST FRAME
NO. 5 CROSSBAR SYSTEMS

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NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

1.0 CONNECTORS-LINKS

1.1 CONNECTORS-LINKS; TRNFR & ALRM CKT

SELECT ONLY ONE CATEGORY

FOR WIRE SPRING RELAY TYPE CONNECTORS

218-764-501	(5/2)	A	MARKER PREFERENCE CHAIN, TRANSFER & ALARM	MW 12M	-----
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FOR NON-WIRE SPRING RELAY TYPE, LINE LINK CONNECTORS

218-112-501	(3/0)	A	MKR PREFERENCE CHAIN, TRANSFER & ALARM	MW 12M	-----
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FOR NON-WIRE SPRING RELAY TYPE, TRUNK LINK CONNECTORS

218-115-501	(4/0)	E	MARKER PREFERENCE CHAIN, TRANSFER & ALARM	MW 12M	-----
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FOR NON-WIRE SPRING RELAY TYPE, OUTSENDER CONNECTORS

218-160-501	(8/0)	A	MARKER PREFERENCE CHAIN, TRANSFER & ALARM	MW 12M	-----
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FOR NON-WIRE SPRING RELAY TYPE, NUMBER GRP CONNECTORS

218-165-501	(5/1)	A	MARKER PREFERENCE CHAIN TRANSFER AND ALARM	MW 12M	-----
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TROUBLE TESTS

218-112-501	(3/0)	B	FRAME MAKE-BUSY	TT	-----
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C	JUNCTOR SWITCH MAKE-BUSY	TT	-----
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D	CHECK FOR CROSSES--LL-LEADS	TT	-----
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E	CHECK FOR CROSSES--LB-LEADS	TT	-----
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F	LINE LINK AVAILABILITY TEST	TT	-----
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G	CHECK FOR CROSSES--JCTR SLEEVE LEADS	TT	-----
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H	JUNCTOR AVAILABILITY TEST	TT	-----
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I	FRAME MB FEATURE--AUX LL FR	TT	-----
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J	MARKER PREFERENCE--PAIRED LL FR	TT	-----
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K	MATE FR JCTR AVAIL. & LV SEL--PAIRED LL FRS	TT	-----
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L	CROSSES ON XLV-, XLV LEADS--PAIRED LL FRS	TT	-----
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218-112-503	(8/1)	A	JUNCTOR SW MB FEATURE	TT	-----
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B	FALSE GRD & CROSS-CHECK LL LEADS	TT	-----
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C	FALSE GRD & CROSS-CHECK LB LEADS	TT	-----
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D	LINE LINK AVAILABILITY	TT	-----
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E	CROSS-CHECK JCTR SLEEVE LEADS	TT	-----
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F	JUNCTOR AVAILABILITY	TT	-----
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G	VERIFICATION OF LRF, FT-, AND FU-LEADS	TT	-----
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H	MATE FR JCTR AVAIL & LV SEL--PAIRED LL FRS	TT	-----
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I	CROSS ON XLV-, XLV LEADS--PAIRED LL FRS	TT	-----
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218-115-501	(4/0)	A	TRUNK LINK AVAILABILITY TEST	TT	-----
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B	VERIFICATION OF LV- LEADS	TT	-----
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C	JUNCTOR SWITCH MAKE-BUSY	TT	-----
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D	FRAME MAKE-BUSY	TT	-----
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F	OVERFLOW LINK AVAILABILITY	TT	-----
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218-115-503	(6/0)	A	TRUNK LINK AVAILABILITY TEST (LC-LEADS)	TT	-----
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B	VERIFICATION OF LV- LEADS	TT	-----
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218-115-503	(6/0)	C	JUNCTOR SWITCH MAKE-BUSY	TT	-----
		D	FRAME MAKE-BUSY FEATURE	TT	-----
		E	VERIFICATION OF LRF, FT-, AND FU- LEADS	TT	-----
		F	OVERFLOW LINK AVAILABILITY	TT	-----
218-160-501	(8/0)	B	TRUNK ACCESS TO SENDERS	TT	-----
		C	SENDER SELECTION BY MARKERS	TT	-----
		D	FALSE CONTINUITY--MA RELAY	TT	-----
		E	IMG OPERATION--TRUNK NUMBER IDENT	TT	-----
		F	CAMA INC TRK ACCESS TO CAMA SDRS	TT	-----
		G	CAMA IMG OPR--TRUNK NUMBER IDENT	TT	-----
		H	CAMA JCTR OPER--TRUNK NUMBER IDENT	TT	-----
		I	LLP LINE ACCESS TO SENDERS	TT	-----
		J	LLP SENDER SELECTION BY MARKERS	TT	-----
		K	LLP SENDER GROUP BUSY	TT	-----
		L	AIS LINE ACCESS TO SENDES	TT	-----
218-165-501	(5/1)	E	TENS BLOCK ADVANCE--NONALLOTTED HTG GRPS	TT	-----
		G	FR MB--NG EQUIPPED WITH TRK NO. ONLY	TT	-----
		H	TENS BLOCK BUSY IND & ADV--ALTD HTG GRPS	TT	-----
		I	NG PREF--ALLOTTED HUNTING GROUPS	TT	-----
		J	CALLING LINE IDENTIFICATION	TT	-----
218-764-501	(5/2)	B	FRAME MAKE-BUSY--LL, TLL, DIRECT ACCESS PRETRANSLATOR & NG	TT	-----
		C	FRAME MAKE-BUSY--AUX LL FRS	TT	-----
		D	MARKER PREFERENCE--PAIRED LL FRS	TT	-----

1.2 CONNECTORS-LINKS; PRETRANSLTR CONN

SELECT ONLY ONE CATEGORY

SD-25569-01

218-721-501 (7/1) G ALARMS MW 6M -----

SD-27968-01

218-721-502 (1/0) G ALARMS MW 6M -----

TROUBLE TESTS

218-171-501 (1/1) A LEAD INTEGRITY CHECK TT -----

B ALARM CONDITIONS & WORK TIMER RECYCLE TT -----

218-721-501 (7/1) A OR PREFERENCE AND LOCKOUT TT -----

B OR SUBGROUP PREFERENCE AND LOCKOUT TT -----

C PRETRANSLATOR CONN PREFERENCE AND LOCKOUT TT -----

D PRETRANSLATOR PREFERENCE TT -----

E PRETRANSLATOR BUSY TO PRETRANSLATOR CONNECTOR TT -----

F BASIC SETTING RELEASE TT -----

H TBL RECORDING AND TBL RECORD TIMER RLS TT -----

I TM LEAD CHECK TT -----

218-721-502	(1/0)	A	IR PREFERENCE AND LOCKOUT	TT	-----
		B	IR SUBGROUP PREFERENCE AND LOCKOUT	TT	-----
		C	PRETRANSLATOR CONN PREFERENCE AND LOCKOUT	TT	-----
		D	PRETRANSLATOR PREFERENCE	TT	-----
		E	PRETRANSLATOR BUSY TO PRETRANSLATOR CONNECTOR	TT	-----
		F	BASIC SETTING RELEASE	TT	-----
		H	TBL RECORDING AN TBL RECORD TIMER RLS	TT	-----

1.3 CONNECTORS-LINKS; CALL WAITING EQP

SELECT ONLY ONE CATEGORY

CALL WAITING LINK SD-27788-01

218-111-501	(3/1)	S	CALL WAITING LINK CKT-ORIG CALLS * ORIGINATING CALL FEATURE	MW 12M	-----
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CALL WAITING CKT SD-27787-01

218-111-501	(3/1)	AN	CALL WAITING CIRCUIT TESTS-TERM. CALLS * TERMINATING CALLS COMPLETED VIA CW CKT	MW 12M	-----
		AR	CALL WAITING CIRCUIT TESTS MISC * T1 TIMER TEST	MR 24M	-----
		AS	CALL WAITING CIRCUIT TESTS MISC * T2 TIMER TEST	MR 24M	-----
		AT	CALL WAITING CIRCUIT TESTS MISC * TM2(SB), TM1(SM), AND TM(TO) TIMERS	MR 24M	-----

TROUBLE TESTS

218-111-501	(3/1)	A	CUSTOMER REG LINE LINK APPEARANCE	TT	-----
		B	CUSTOMER CALL WAITING LINK APPEARANCE	TT	-----

DIAL TONE MARKER CIRCUIT TESTS

218-111-501	(3/1)	C	ORIGINATING CALL FEATURE	TT	-----
		D	CONTINUITY TEST FAILURE FEATURE	TT	-----
		E	CROSSED LP RELAY DETECTION CHECK	TT	-----
		F	HOLD MAGNET CHECK	TT	-----

COMP MARKER TESTS--ORIG CALLS

218-111-501	(3/1)	H	ORIG CALL FROM CW LINE ROUTED TO PERMANENT SIGNAL	TT	-----
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COMP MARKER CIRCUIT TESTS--TERM. CALLS

218-111-501	(3/1)	J	CUST REG LL APP BUSY, CW APP IDLE	TT	-----
		K	CW CUST REG LL AND CW LINK APP BUSY	TT	-----
		L	CW CUST CONNECTED TO LEVEL 0 ON CW LINK	TT	-----
		M	CALL WAITING CKT IDENTIFICATION	TT	-----
		N	CUSTOMER NOT ARRANGED FOR CW SERVICE	TT	-----

COMPLETING MARKER CIRCUIT TESTS--MISC

218-111-501	(3/1)	O	CROSSED LP RELAY DETECTION CHECK	TT	-----
		P	STOP PROGRESS	TT	-----

CALL WAITING LINK CKT--ORIG CALLS

218-111-501	(3/1)	T	CALL WAITING CUSTOMER CALL WAITING LINK APP	TT	-----
		U	CW CUSTOMER LEVEL 0 TEST	TT	-----

CALL WAITING LINK CKT--TERM CALLS

218-111-501 (3/1)	V	TERM. CALL VIA CW CKT	TT	-----
	W	CW CUST REG LL AND CW APPEARANCE BUSY	TT	-----
	X	CW CIRCUIT RESERVE TEST	TT	-----
	Y	CW CUST ON-HOOK--TWO TERM. CALLS	TT	-----
	Z	CALL WAITING CIRCUIT SELECTION	TT	-----

CALL WAITING LINK CKT TESTS--MISC

218-111-501 (3/1)	AA	CW LINK MADE BUSY	TT	-----
	AB	CW CKT MADE BUSY	TT	-----
	AC	CW CKT PREFERENCE	TT	-----
	AD	ALL CW CKTS BUSY	TT	-----
	AE	CROSSED SELECT MAGNET TEST	TT	-----
	AF	CROSSED HOLD MAGNET TEST--DTM USAGE	TT	-----
	AG	CROSSED HOLD MAGNET TEST--CM USAGE	TT	-----
	AH	HOLD MAGNET CHECK--DTM USAGE	TT	-----
	AI	HOLD MAGNET CHECK--CM USAGE	TT	-----
	AJ	STANDING CROSS TEST	TT	-----
	AK	OPR NO-TEST CALL--CW CUST CONNECTED TO LEVEL 0	TT	-----
	AL	OPR NO-TEST CALL--CUST REG LL APP BUSY, CW APP IDLE	TT	-----
	AM	OPR NO-TEST CALL--CW CKT ATTACHED TO CUST CW LINK APP	TT	-----

CALL WAITING CIRCUIT TESTS--TERM. CALLS

218-111-501 (3/1)	AO	TERM CALL COMPLETED VIA CW CKT WHEN CW CUST RETURNS TO ON-HOOK CONDITION	TT	-----
	AQ	CW CIRCUIT RESERVE TEST	TT	-----

1.4 CONNECTORS-LINKS; MARKER CONNECTOR

FOR ALL UNITS

218-712-501 (9/0)	H	MKR CONN BUSY GUARD	MW 12M	-----
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TROUBLE TESTS

218-125-501 (6/1)	A	MARKER SEQ & LOCKOUT--LLMC--CB- RELAY CHAIN	TT	-----
	B	MARKER SEQ & LOCKOUT--ORMC OR IRMC--CB- REL CH	TT	-----
	C	MARKER SEQ & LOCKOUT--(DT)--MS- RELAY CHAIN	TT	-----
	D	MARKER SEQ & LOCKOUT--MS- RELAY CHAIN	TT	-----
	E	OR, IR, OR IMGS SEQ & LOCKOUT	TT	-----
	F	MKR BUSY TO CONN--LLMC--CB- RELAY CHAIN	TT	-----
	G	MKR BUSY TO CONN--ORMC, IRMC--CB- REL CH	TT	-----
	H	ALTERNATE MARKER PREFERENCE	TT	-----
	I	TIME OUT--LLMC	TT	-----
	J	TIME OUT--ORMC OR IRMC	TT	-----
	K	FALSE GROUND FEATURE--ORMC OR IRMC	TT	-----

218-125-501	(6/1)	L	SECOND TRIAL FEATURE--LLMC	TT	-----
		M	SECOND TRIAL FEATURE--ORMC OR IRMC	TT	-----
		N	TRAFFIC CONTROL--EACH MARKER CONNECTOR	TT	-----
		O	MASTER TRAFFIC CONTROL FEATURE	TT	-----
		P	MASTER TRAFFIC CONTROL SHORT-CYCLE GATE	TT	-----
218-160-501	(8/0)	B	TRUNK ACCESS TO SENDERS	TT	-----
		C	SENDER SELECTION BY MARKERS	TT	-----
		D	FALSE CONTINUITY--MA RELAY	TT	-----
		E	IMG OPERATION--TRUNK NUMBER IDENT	TT	-----
		F	CAMA INC TRK ACCESS TO CAMA SDRS	TT	-----
		G	CAMA IMG OPR--TRUNK NUMBER IDENT	TT	-----
		H	CAMA JCTR OPR--TRUNK NUMBER IDENT	TT	-----
		I	LLP LINE ACCESS TO SENDERS	TT	-----
		J	LLP SENDER SELECTION BY MARKERS	TT	-----
		K	LLP SENDER GROUP BUSY	TT	-----
		L	AIS LINE ACCESS TO SENDERS	TT	-----
218-712-501	(9/0)	A	MARKER SEQ & LOCKOUT--CB- RELAY CHAIN	TT	-----
		B	MARKER SEQ & LOCKOUT--MS- RELAY CHAIN	TT	-----
		C	MARKER BUSY FEATURE--CB-RELAY CHAIN	TT	-----
		D	ALTERNATE MARKER PREFERENCE	TT	-----
		E	TIME-OUT FEATURE	TT	-----
		F	SECOND TRIAL	TT	-----
		G	TRAFFIC CONTROL	TT	-----

1.5 CONNECTORS-LINKS; MTF CONN PREF LK

TROUBLE TESTS

218-216-501	(7/0)		3.103 TCT CHAIN	TT	-----
			3.113 MTL-TTL CHAIN	TT	-----
		3.02	OP CHAIN	TT	-----
		3.13	CIA CHAIN	TT	-----
		3.37	CI CHAIN	TT	-----
		3.54	SP-OP CHAIN	TT	-----
		3.69	SP-SPC CHAIN	TT	-----
		3.75	MKT CHAIN	TT	-----
		3.93	PTT CHAIN	TT	-----

1.6 CONNECTORS-LINKS; MTF CONN SD27718

TROUBLE TESTS

218-216-502	(4/0)	A	OP CHAIN	TT	-----
		B	CIA CHAIN	TT	-----
		C	CI CHAIN	TT	-----
		D	SP-OP CHAIN	TT	-----
		E	SP-SPC CHAIN	TT	-----

◆	218-216-502 (4/0)	F	MKT CHAIN	TT	-----
◆		G	PTT CHAIN	TT	-----
◆		H	TVT CHAIN	TT	-----
◆		I	MTL, TTL CHAINS	TT	-----

1.7 CONNECTORS-LINKS; MKR CONN-WSR TYP

TROUBLE TESTS

	218-730-501 (11/1)	A	MARKER SEQ AND LOCKOUT--CB-RELAY CHAIN	TT	-----
		A.1	SPECIAL MARKER SEQ & LOCKOUT--CB- RELAY CHAIN	TT	-----
		B	MARKER SEQ AND LOCKOUT--MS- RELAY CHAIN	TT	-----
		C	OR, TR, OR ACL CKT PREF & LOCKOUT	TT	-----
		D	IR, CAMA SDR, OR IMGS PREFERENCE & LOCKOUT	TT	-----
		E	MARKER BUSY TO CONNECTOR--CB- RELAY CHAIN	TT	-----
		F	ALTERNATE MARKER PREFERENCE	TT	-----
		G	TIME-OUT FEATURE	TT	-----
		H	FALSE GROUND FEATURE	TT	-----
		I	SECOND TRIAL FEATURE	TT	-----
		J	TRAFFIC CONTROL--EACH REG MKR CONN	TT	-----

1.8 CONNECTORS-LINKS; FAT.

TROUBLE TESTS

	218-725-501 (3/0)	A	CONNECTOR CONTROL OF MARKER TIMERS	TT	-----
		B	CONNECTOR TRANSLATION CHECK	TT	-----
		C	TRANSLATOR BUSY RELAYS	TT	-----
		D	CONNECTOR PREFERENCE AND WORK CHAINS	TT	-----
		E	DIGIT SHIFT CHECK	TT	-----

◆ 1.9 CONNECTORS-LINKS; COIN SUPV LK WS RELAY TYPE

◆ FOR ALL UNITS

◆	218-741-501 (2/0)	A	TP RELAY CHAIN	MW 12M	-----
◆		B	SB RELAY CHAING	MW 12M	-----
◆		C	SP RELAY CHAIN	MW 12M	-----

◆ 1.10 CONNECTORS-LINKS; LINKS MISC

◆ TROUBLE TESTS

COIN SUPV LK NWS RELAY TYPE

	218-203-501 (4/0)	A	TP RELAY CHAIN	TT	-----
		B	RB RELAY CHAIN	TT	-----
		C	PREFERENCE RELAY CHAIN	TT	-----

INCOMING REGISTER LK NWS RELAY TYPE

	218-147-501 (2/0)	A	TP RELAY CHAIN	TT	-----
		B	AP RELAY CHAIN	TT	-----
		C	RB RELAY CHAIN	TT	-----
		D	RP RELAY CHAIN	TT	-----

INCOMING REGISTER LK WS RELAY TYPE

SECTION 218-001-011

218-732-501	(3/0)	A	TP RELAY CHAIN	TT	-----
		B	RB RELAY CHAIN	TT	-----
		C	RP RELAY CHAIN	TT	-----

◆ 1.11 CONNECTORS-LINKS; 4W LL CKTS

TRouble TESTS

218-905-501	(1/0)	A	JUNCTOR SWITCH MAKE-BUSY	TT	-----
		B	FALSE GRD OR CROSSES ON ADJ SLV LL LEADS	TT	-----
		C	FALSE GRD OR CROSSES ON ADJ SLV LB LEADS	TT	-----
		D	LINE LINK AVAILABILITY	TT	-----
		E	CROSSES ON JUNCTOR SLEEVE LEADS	TT	-----
		F	JUNCTOR AVAILABILITY	TT	-----

◆ 1.12 CONNECTORS-LINKS; 4W TL CKTS

TRouble TESTS

218-909-501	(2/0)	A	TRK LK AVAIL VERIF OF LC, LVR, OR LVS LEADS	TT	-----
		B	VERIFICATION OF LV LEADS	TT	-----
		C	JUNCTOR SWITCH MAKE-BUSY	TT	-----
		D	FRAME MAKE-BUSY	TT	-----
		E	VERIFICATION OF LFR, FT, AND FU LEADS	TT	-----

◆ 1.13 CONNECTOR-LINKS; CH TST MTF

TRouble TESTS

218-107-501	(2/0)	A	CHANNEL TEST-LINE LINKS	TT	-----
		B	CHANNEL TEST-JUNCTORS	TT	-----
		C	CHANNEL TEST-TRUNK LINKS	TT	-----
		D	ISOLATION OF CHANNEL TROUBLES	TT	-----