

**EQUIPMENT TEST LIST**  
**CONNECTORS, LINKS AND MARKER-CONNECTORS**  
**OFFICES WITH OFFICE TEST FRAME**  
**NO. 5 CROSSBAR SYSTEMS**

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applicable to equipment listed in the preceding table of contents. Test classification and frequency of periodic routine are also provided.

**1.02** This Equipment Test List (ETL) is reissued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.

**1.03** Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.

**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.

**1.05** Section 010-300-011 provides Equipment Test List instructions.

**1. GENERAL**

**1.01** This section provides an index and information access system to locate the standard tests

**NOTICE**

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SECTION 218-002-011

1.0 CONN LKS M/CONN

1.1 CONN LKS M/CONN; MRKR PREF CHAIN

FOR ALL UNITS

218-764-501 (5/2) A MARKER PREF CH-TRANSFER AND ALARM MW 12M -----

TROUBLE TESTS

218-764-501 (5/2) B FR MAKE-BUSY--LL, TLL, DAPC, AND NG FR TT -----  
 C FRAME MAKE-BUSY--AUX LL FRAME TT -----  
 D MARKER PREF--PAIRED LL FRAMES TT -----

1.2 CONN LKS M/CONN; PRETRANSLTR CONN

SELECT ONLY ONE CATEGORY

SD-25569-01

218-721-501 (7/1) G ALARMS MW 12M -----

SD-27968-01

218-721-502 (1/0) G ALARMS MW 12M -----

TROUBLE TESTS

218-721-501 (7/1) A OR PREFERENCE AND LOCKOUT TT -----  
 B OR SUBGROUP PREFERENCE AND LOCKOUT TT -----  
 C PRETRANSLATOR CONNECTOR PREF AND LOCKOUT TT -----  
 D PRETRANSLATOR PREFERENCE TT -----  
 E PRETRANSLATOR BUSY TO PRETRANSLATOR CONN TT -----  
 F BASIC SETTING RELEASE TT -----  
 H TROUBLE RECORDING AND TBL REC 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 AND TBL RECORD TIMER RLS TT -----

1.3 CONN LKS M/CONN; CALL WAITING CKT

FOR ALL UNITS

218-411-501 (1/3) AR T1 TIMER TEST MW 24M -----  
 AS T2 TIMER TEST MW 24M -----  
 AT TM2(SB), TM1(SM), & TM(TO)TIMERS MW 24M -----

TROUBLE TESTS

218-411-501 (1/3) A CUST REG LL APP TT -----

DIAL TONE MARKER TESTS

218-411-501 (1/3) C ORIG CALL FEATURE TT -----  
 D CONTINUITY TEST FAIL. FEATURE TT -----  
 E CROSSED LP RELAY DETECTION CHECK TT -----

218-411-501 (1/3)	F	HOLD MAGNET CHECK	TT	-----
COMP MARKER TESTS--ORIG CALLS				
218-411-501 (1/3)	H	ORIG CALL FROM CW LINE ROUTED TO PERM SIG	TT	-----
COMP MARKER TESTS--TERM. CALLS				
218-411-501 (1/3)	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	CUST NOT ARRANGED FOR CW SERVICE	TT	-----
COMP MARKER TESTS--MISC				
218-411-501 (1/3)	O	CROSSED LP RELAY DETECTION CHECK	TT	-----
	P	STOP PROGRESS	TT	-----
CALL WAITING LINK CKT--ORIG CALLS				
218-411-501 (1/3)	S	ORIG CALL FEATURE	TT	-----
	T	CW CUSTOMER CW LINK APP	TT	-----
	U	CW CUSTOMER LEVEL 0 TEST	TT	-----
CALL WAITING LINK CKT--TERM. CALLS				
218-411-501 (1/3)	V	TERM. CALL VIA CW CKT	TT	-----
	W	CW CUST REG LL AND CW APP BUSY	TT	-----
	X	CW CIRCUIT RESERVE TEST	TT	-----
	Z	CW CKT SELECTION	TT	-----
CALL WAITING LINK CKT--MISC				
218-411-501 (1/3)	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	-----
CALL WAITING CIRCUIT--TERM. CALLS				
218-411-501 (1/3)	AN	TERM. CALLS COMPLETED VIA CW CKT	TT	-----
	AO	TERM. CALL COMPL VIA CW CKT WHEN CW CUST RETURNS TO ON-HOOK CONDITION	TT	-----
	AP	DISC AND RESEIZURE WHILE CW CUST REMAINS OFF-HOOK	TT	-----
	AQ	CW CIRCUIT RESERVE TOOL	TT	-----
	AU	CW CIRCUIT POLARITY CHECK	TT	-----

1.4 CONN LKS M/CONN; LL&TR LL MKR CON  
FOR ALL UNITS

◆	218-712-501	(9/0)	H	MKR CONN BUSY GUARD	MW 12M	-----
	TROUBLE TESTS					
◆	218-712-501	(9/0)	A	MARKER SEQ AND LOCKOUT--CB- RELAY CHAIN	TT	-----
◆			B	MARKER SEQ AND LOCKOUT--MS- RELAY CHAIN	TT	-----
◆			C	MARKER BUSY--CB- RELAY CHAIN	TT	-----
◆			D	ALTERNATE MARKER PREFERENCE	TT	-----
◆			E	TIMEOUT FEATURE	TT	-----
◆			F	SECOND TRIAL FEATURE	TT	-----
◆			G	TRAFFIC CONTROL FEATURE	TT	-----

## 1.5 CONN LKS M/CONN; LINE LINK CKTS

## TROUBLE TESTS

## LL CKTS--TESTS USING OTF (M-595-950)

218-410-501	(1/0)	A	JCTR SW MAKE-BUSY AND LL AVAILABILITY	TT	-----
		B	FALSE GROUND OR CROSSES ON ADJ SLV LEADS--LINE SWITCH END OF LINE LINK	TT	-----
		C	FALSE GROUND OR CROSSES ON ADJ SLV LEADS--JUNCTOR SWITCH END OF LINE LINK	TT	-----
		D	CROSSES ON JUNCTOR SLEEVE LEADS	TT	-----
		E	JUNCTOR AVAILABILITY	TT	-----

## LL CKTS--TESTS USING OTF (J23260)

218-410-502	(1/0)	A	JUNCTOR SW MAKE-BUSY AND LL AVAIL.	TT	-----
		B	FALSE GROUND OR CROSSES ON ADJ SLV LEADS LINE SWITCH END OF LL	TT	-----
		C	FALSE GROUND OR CROSSES ON ADJ SLV LEADS JUNCTOR SWITCH END OF LL	TT	-----
		D	CROSSES ON JUNCTOR SLEEVE LEADS	TT	-----
		E	JUNCTOR AVAILABILITY	TT	-----

## 1.6 CONN LKS M/CONN; TRK LINK CKTS

## TROUBLE TESTS

## TL CKTS--TESTS USING OTF (H-595-950)

218-415-501	(1/0)	A	TL AVAIL. & VERIF OF TROUBLE IND (LC-LEADS)	TT	-----
		B	TBL IND (LV- LEADS) USING OGT OR IAO TRKS	TT	-----
		C	TBL IND (LV- LEADS) USING ORIG REG	TT	-----
		D	ALL JUNCTOR SWITCHES BUSY	TT	-----
		E	FRAME MAKE-BUSY FEATURE	TT	-----

## TL CKTS--TESTS USING OTF (J23260)

218-415-502	(2/0)	A	TL AVAIL. & VERIF OF TROUBLE IND (LC- LEADS)	TT	-----
		B	TBL IND (LV- LEADS) USING OGT OR IAO TRKS	TT	-----
		C	TBL IND (LV- LEADS) USING ORIG REG	TT	-----
		D	JCTR SW MAKE-BUSY FEATURE	TT	-----
		E	FRAME MAKE-BUSY FEATURE	TT	-----

## 1.7 CONN LKS M/CONN; OG SENDER CONN

## TROUBLE TESTS

## TESTS USING OTF (H-595-950)

218-460-501 (1/0)	A	TRUNK ACCESS TO SENDERS	TT	-----
	B	SENDER SELECTION BY MARKER	TT	-----
	C	FALSE CONTINUITY--MA RELAY	TT	-----

## TESTS USING OTF (J23260)

218-461-501 (2/1)	A	TRUNK ACCESS TO SENDERS	TT	-----
	B	SENDER SELECTION BY MARKER	TT	-----
	C	FALSE CONTINUITY--MA RELAY	TT	-----
	D	LINE LINK PULSING CIRCUIT FEATURES	TT	-----

## TESTS USING OTF

218-461-502 (1/1)	A	AIS SENDER PREFERENCE CONTROL	TT	-----
	B	SENDER AND LINE SEIZURE AND RELEASE	TT	-----
	C	ALL AIS SENDERS BUSY	TT	-----
	D	ALL AIS LINE CIRCUITS BUSY	TT	-----

## 1.8 CONN LKS M/CONN; IRL CIRCUITS

## TROUBLE TESTS

## WIRE-SPRING-RELAY TYPE TESTS

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

## COIN SUPV LK CKTS--WIRE-SPR-RELAY TYPE TESTS

218-741-501 (2/0)	A	TP RELAY CHAIN	TT	-----
	B	SB RELAY CHAIN	TT	-----
	C	SP RELAY CHAIN	TT	-----

## 1.9 CONN LKS M/CONN; FAT CONN

## 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	CONN PREF AND WORK CHAINS	TT	-----
	E	DIGIT SHIFT CHECK	TT	-----

## 1.10 CONN LKS M/CONN; MKR CONN

## TROUBLE TESTS

## ORIG, INC, &amp; TR REG MKR CONN--WSR TYPE

218-730-501 (11/1)	A	MARKER SEQ AND LOCKOUT--CB- CHAIN	TT	-----
	A.1	SPECIAL MKR SEQ AND LOCKOUT--CB-RELAY CHAIN	TT	-----
	B	MARKER SEQ AND LOCKOUT--MS- CHAIN	TT	-----
	C	ORIG, TR REG, OR ACL CKT--PREF AND LOCKOUT	TT	-----
	D	IR, CAMA, SDR, OR IMGS--PREF AND LOCKOUT	TT	-----
	E	MARKER BUSY TO CONN--CB- CHAIN	TT	-----
	F	ALTERNATE MARKER PREFERENCE	TT	-----

218-730-501 (11/1)	G	TIME-OUT FEATURE	TT	-----
	H	FALSE GROUND FEATURE	TT	-----
	I	SECOND TRIAL FEATURE	TT	-----
	J	TRAFFIC CONTROL--EACH REG MKR CONN	TT	-----