

**EQUIPMENT TEST LIST  
REGISTERS  
OFFICES WITH OFFICE TEST FRAME  
NO. 5 CROSSBAR SYSTEMS**

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**1. GENERAL**

**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.

**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.

**NOTICE**

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

## 3.0 REGISTERS

## 3.1 REGISTERS; ORIGINATING

## J-FRAME

## FOR ALL UNITS

218-437-501 (6/0)	A	REGULAR CALL-DIAL PULSE	MW 12M	-----
	A1	RANGE EXT FOR UNIGAUGE CABLING	MW 12M	-----
	H	ABANDONED CALL-COIN AND NONCOIN	MW 12M	-----
	M	DIAL TONE	MW 3M	-----

## OPTIONAL FEATURES

## TOUCH-TONE

218-437-501 (6/0)	Z	REGULAR CALL (TOUCH-TONE )	MW 12M	-----
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## TROUBLE TESTS

218-437-501 (6/0)	B	DDD CALL--ACCESS CODE NOT PROVIDED	TT	-----
	C	11X SERVICE CODES	TT	-----
	D	X11 SERVICE CODES	TT	-----
	E	MANUAL CALL--COIN AND NONCOIN	TT	-----
	F	ZERO OPERATOR--COIN AND NONCOIN	TT	-----
	G	2-PARTY TEST AND BUSY TONE	TT	-----
	I	ABANDONED CALL--DDD CALL--COIN & NONCOIN	TT	-----
	J	REGISTER SUPERVISION	TT	-----
	K	B-DIGIT TRANSLATOR	TT	-----
	L	PRETRANSLATION	TT	-----
	N	DIAL TONE--REG ARR FOR 11X SERVICE CODES AND DIGIT 1 ACCESS CODE NOT PROVIDED	TT	-----
	O	PS TIMING--COIN AND NONCOIN	TT	-----
	P	PARTIAL DIAL TIMING-COIN AND NONCOIN	TT	-----
	Q	PARTIAL SIGNAL TIMING--DDD CALL	TT	-----
	R	TIMING FOR EXTRA DIGIT TO BE DIALED	TT	-----
	S	REGISTER TIMEOUT AFTER MARKER SEIZURE	TT	-----
	T	TIMING DURING PRETRANSLATION	TT	-----
	U	COMMON ALARM TIMING	TT	-----
	V	RECYCLE OF TIMING	TT	-----
	W	TIP PARTY MANUAL TEST	TT	-----
	X	LINE LOC, CL OF SRV, AND OBS CALL INFO--TROUBLE INDICATOR AND CONNECTOR LEADS	TT	-----
	Y	DIGIT 0 OR 1 ACCESS CODE	TT	-----
	AE	C-DIGIT TRANSLATOR	TT	-----
	AF	INTERCHANGEABLE CODES	TT	-----
	AG	TOLL DIVERSION	TT	-----
	AH	A- AND B-DIGIT TRANSLATOR	TT	-----
	AI	PREFIX DIGIT 01+	TT	-----
	AJ	PREFIX DIGIT 011+	TT	-----

218-437-501 (6/0)	AK	PRETRANSLATION FOR IDDD	TT	-----
TOUCH-TONE				
218-437-501 (6/0)	AA	SINGLE FREQUENCY TEST (TOUCH-TONE)	TT	-----
	AB	SPECIAL 3-FREQUENCY TEST (TOUCH-TONE)	TT	-----
	AC	MAX AND MIN FREQUENCY TEST (TOUCH-TONE )	TT	-----
	AD	LOW AND HIGH LEVEL TEST (TOUCH-TONE)	TT	-----
H-FRAME				
FOR ALL UNITS				
218-436-501 (5/0)	A	REGULAR CALL	MW 12M	-----
	M	DIAL TONE	MW 3M	-----
TROUBLE TESTS				
218-436-501 (5/0)	B	DDD CALL	TT	-----
	C	11X SERVICE CODES	TT	-----
	D	X11 SERVICE CODES	TT	-----
	E	MANUAL CALL--COIN AND NONCOIN	TT	-----
	F	ZERO OPERATOR--COIN AND NONCOIN	TT	-----
	G	TWO-PARTY TEST AND BUSY TONE	TT	-----
	H	ABANDONED CALL-COIN AND NONCOIN	TT	-----
	I	ABANDONED CALL--DDD CALL	TT	-----
	J	REGISTER SUPERVISION	TT	-----
	K	B-DIGIT TRANSLATOR	TT	-----
	L	PRETRANSLATION	TT	-----
	N	DT--REG ARR FOR 11X & DIGIT 1 ACCESS CODE	TT	-----
	O	PS TIMING--COIN AND NONCOIN	TT	-----
	P	PARTIAL DIAL TIMING-COIN AND NONCOIN	TT	-----
	Q	PARTIAL DIAL TIMING--DDD CALL	TT	-----
	R	TIMING FOR EXTRA DIGIT TO BE DIALED	TT	-----
	S	REGISTER TIMEOUT AFTER MARKER SEIZURE	TT	-----
	T	TIMING DURING PRETRANSLATION	TT	-----
	U	COMMON ALARM TIMING	TT	-----
	V	RECYCLE OF TIMING	TT	-----
	W	TIP PARTY MANUAL TEST	TT	-----
	X	LL, CL OF SRV, & OBS CALL INFO--TIC LEADS	TT	-----
	Y	DIGIT 0 OR 1 ACCESS CODE	TT	-----
	AA	C-DIGIT TRANSLATOR	TT	-----
	AB	INTERCHANGEABLE CODES	TT	-----
	AC	TOLL DIVERSION	TT	-----

## 3.2 REGISTERS; INCOMING DP

## J-FRAME

## FOR ALL UNITS

218-440-501 (4/1)	A	REGULAR CALL	MW 12M	-----
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♦	218-440-501 (4/1)	H	OVERALL TIME-OUT	MW 24M	-----
♦		I	COMMON ALARM TIMING	MW 24M	-----
	TROUBLE TESTS				
♦	218-440-501 (4/1)	B	SPECIAL CALL	TT	-----
♦		C	NUMBER OF DIGITS TO BE RECEIVED	TT	-----
♦		D	LINK RELEASE AND VERIF OF TIC LEADS	TT	-----
♦		E	DOUBLE CONNECTION	TT	-----
♦		F	ABANDONED CALL	TT	-----
♦		G	REORDER	TT	-----
♦		J	AC, RV, AND LR AND DT TIMERS	TT	-----
♦		K	PREFIX DIGITS 11	TT	-----
♦		L	PRETRANSLATION	TT	-----
♦		M	PRETRANSLATION TROUBLE AND FALSE RELEASE SIGNAL	TT	-----
♦		N	INFORMATION CODES	TT	-----
	H-FRAME				
	FOR ALL UNITS				
	218-439-501 (2/1)	A	REGULAR CALL	MW 12M	-----
♦		H	OVERALL TIME-OUT	MW 24M	-----
♦		I	COMMON ALARM TIMING	MW 24M	-----
	TROUBLE TESTS				
	218-439-501 (2/1)	B	SPECIAL CALL	TT	-----
		C	NUMBER OF DIGITS TO BE RECEIVED	TT	-----
		D	LINK RLS AND VERIF OF TIC LEADS	TT	-----
		E	DOUBLE CONNECTION	TT	-----
		F	ABANDONED CALL	TT	-----
		G	REORDER	TT	-----
		J	AC, RV, AND LR TIMERS	TT	-----
		K	INFORMATION CODES	TT	-----
	3.3 REGISTERS; INCOMING MF				
	J-FRAME				
	FOR ALL UNITS				
	218-444-501 (3/0)	A	REGULAR CALL	MW 12M	-----
♦		H	LONG TIME-OUT AND ALARM	MW 24M	-----
♦		K	HIGH AND LOW LEVEL TEST	MW 12M	-----
♦		L	SLOW PULSING	MW 12M	-----
♦		M	TWIST TEST	MW 12M	-----
♦		N	MODULATION PRODUCTS	MW 24M	-----
♦		P	SINGLE FREQUENCY DIGIT	MW 12M	-----
♦		P.1	THREE-FREQUENCY DIGIT	MW 12M	-----
♦		R	FALSE KEYPULSE SIGNAL	MW 12M	-----

## TROUBLE TESTS

218-444-501 (3/0)	B	SPECIAL CALL	TT	-----
	C	LINK RELEASE AND VERIF OF TIC LEADS	TT	-----
	D	DOUBLE CONNECTION	TT	-----
	E	ABANDONED CALL	TT	-----
	F	PERMANENT SIGNAL	TT	-----
	G	SHORT TIMEOUT	TT	-----
	I	MARKER START SIGNAL	TT	-----
	J	OPERATOR ERROR DETECTION	TT	-----
	O	PREFIX DIGITS 11	TT	-----
	Q	DELAYED START-PULSE SIGNAL	TT	-----

## H-FRAME

## FOR ALL UNITS

218-443-501 (2/0)	A	REGULAR CALL	MW 12M	-----
	H	LONG TIME-OUT AND ALARM	MW 24M	-----

## TROUBLE TESTS

218-443-501 (2/0)	B	SPECIAL CALL	TT	-----
	C	LINK RELEASE AND VERIF OF TIC LEADS	TT	-----
	D	DOUBLE CONNECTION	TT	-----
	E	ABANDONED CALL	TT	-----
	F	PERMANENT SIGNAL	TT	-----
	G	SHORT TIMEOUT	TT	-----
	I	MARKER START SIGNAL	TT	-----
	J	OPERATOR ERROR DETECTION	TT	-----

