

EQUIPMENT TEST LIST
REGISTERS
OFFICES WITH MASTER 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

AUTOMATIC MONITOR PROVIDED

FOR ALL UNITS

218-135-501	(11/1)	M	ABANDONED CALL-COIN OR NONCOIN	MW 12M	-----
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OPTIONAL FEATURES

TOUCH-TONE

218-135-501	(11/1)	AS	LOW FREQUENCY TEST (TT)	MW 12M	-----
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TROUBLE TESTS

218-135-501	(11/1)	A	REGULAR CALL 7-DIGIT	TT	-----
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B	REGULAR CALL-10-DIGIT	TT	-----
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C	PREFIX DIGIT 1 CODE	TT	-----
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D	PREFIX DIGITS 11-FOREIGN AREA DIRECTING CODE	TT	-----
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E	11X SERVICE CODES	TT	-----
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F	X11 SERVICE CODES	TT	-----
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G	MANUAL CALL-COIN AND NONCOIN	TT	-----
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H	ZERO OPERATOR-COIN AND NONCOIN	TT	-----
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I	PREFIX DIGIT 0-PPCS	TT	-----
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I.1	PREFIX DIGITS 01+ (PRETRANSLATOR NOT PROVIDED)	TT	-----
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I.2	PREFIX DIGITS 011+(PRETRANSLATOR NOT PROVIDED)	TT	-----
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J	STRAIGHTFORWARD CALL TO MANUAL OFFICE	TT	-----
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K	PRELIMINARY PULSE	TT	-----
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L	TWO-PARTY TEST	TT	-----
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N	ABANDONED CALL DURING COIN TEST	TT	-----
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O	MARKER COIN RETURN	TT	-----
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P	STUCK COIN	TT	-----
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Q	REGISTER SUPERVISION	TT	-----
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R	A-DIGIT TRANSLATOR	TT	-----
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S	A- AND B-DIGIT TRANSLATORS	TT	-----
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T	PRETRANSLATION	TT	-----
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T.1	PRETRANSLATOR (SD-27849-01 PROVIDED)	TT	-----
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U	DIAL TONE AND BUSY OR OVERFLOW TONE	TT	-----
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V	DIAL TONE REMOVAL	TT	-----
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W	DIAL TONE-REG ARRANGED FOR MANUAL SERVICE	TT	-----
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X	PERMANENT SIGNAL TIMING-COIN OR NONCOIN	TT	-----
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Y	PARTIAL DIAL TIMING-COIN OR NONCOIN	TT	-----
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Z	B-DIGIT TRANSLATOR	TT	-----
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AA	REGISTER TIMEOUT AFTER MARKER SEIZURE	TT	-----
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AB	TIMING DURING PRETRANSLATION	TT	-----
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AC	TIMING DURING COIN TEST-DIAL TONE FIRST	TT	-----
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218-135-501 (11/1)	AD	COMMON ALARM TIMING	TT	-----
	AE	RECYCLE OF TIMING	TT	-----
	AF	TIP-PARTY MANUAL TEST	TT	-----
	AG	LINE LOCATION C1 OF SRV & OBS CALL INFORMATION-STORING & VERIFICATION OF TBL RECORDER LEADS	TT	-----
	AH	START DIAL SIGNAL	TT	-----
	AI	INTRA-PBX CALL	TT	-----
	AJ	11X SPECIAL CODES-OR ARRANGED FOR CNTX SRV ONLY	TT	-----
	AK	DIAL ZERO CALLS FOR CENTREX SERVICE	TT	-----
	AL	1XX SPECIAL CODES FOR CENTREX SERVICE	TT	-----
	AM	CCSA CALL-PREFIX DIGIT 8	TT	-----
	AN	CCSA CALL-DIGIT 1 ABSORPTION AFTER PREFIX DIGIT 8	TT	-----
	AO	SLOW TEST (TT)	TT	-----
	AP	HIGH LEVEL TEST (TT)	TT	-----
	AQ	LOW LEVEL TEST (TT)	TT	-----
	AR	HIGH FREQUENCY TEST (TT)	TT	-----
	AT	SINGLE FREQUENCY TEST (TT)	TT	-----
	AU	SPECIAL 3-FREQUENCY TEST (TT)	TT	-----
	AV	LONG PULSE TEST (TT+)	TT	-----
	AV.1	UNUSED FREQUENCY COMBINATIONS	TT	-----
	AW	TOLL DIVERSION	TT	-----
	AX	RANGE EXTENSION FOR UNIGAUGE CABLING	TT	-----
	AY	C-DIGIT TRANSLATOR	TT	-----
	AZ	INTERCHANGEABLE AND/OR NPA-411 INFO	TT	-----
	BA	COIN OPERATION	TT	-----
	BB	WIDEBAND SERVICE	TT	-----
	BC	WIDEBAND ACCESS DIGIT TO RIGHT OF 0 KEY	TT	-----
	BD	WIDEBAND CENTREX ACCESS TO WIDEBAND NETWORK	TT	-----
	BE	ORIGINATING REGISTER TO COMPLETING MARKER LEADS	TT	-----
	BF	DIGIT 8 ACCESS CALL TO ENHANCED PRIVATE COMMUNICATIONS SYSTEM (EPSCS) NO. 1 ESS	TT	-----

AUTOMATIC MONITOR NOT PROVIDED

FOR ALL UNITS

218-135-503 (12/1)	I	ABANDONED CALL-COIN, NONCOIN, DDD, OR CENTREX	MW 24M	-----
	U	PARTIAL DIAL TIMING-COIN, NONCOIN, OR OVERLOAD	MW 24M	-----
	Z	COMMON ALARM TIMING	MW 24M	-----

TROUBLE TESTS

218-135-503 (12/1)	A	REGULAR CALL	TT	-----
	B	MARKER COIN RETURN	TT	-----

◆	218-135-503 (12/1)	C	PRELIMINARY PULSE-REG NOT ARRANGED FOR CENTREX	TT	-----
◆		D	MANUAL CALL-COIN OR NONCOIN	TT	-----
◆		E	11 PREFIX FOREIGN AREA DIRECTING CODE	TT	-----
◆		F	11X SERVICE CODES	TT	-----
◆		G	X11 SERVICE CODES AND DDD INFORMATION CODES	TT	-----
◆		H	PREFIX DIGIT 1	TT	-----
◆		I	ABANDONED CALL-COIN, NON-COIN, DDD, CENTREX	TT	-----
◆		J	ABANDONED CALL DURING COIN TEST	TT	-----
◆		K	TWO-PARTY TEST	TT	-----
◆		L	START PULSE SIGNAL	TT	-----
◆		M	ZERO OPERATOR-COIN OR NONCOIN	TT	-----
◆		N	PREFIX DIGIT 0	TT	-----
◆		N.1	PREFIX DIGITS 01+ (PRETRANSLATOR NOT PROVIDED)	TT	-----
◆		N.2	PREFIX DIGITS 011+ (PRETRANSLATOR NOT PROVIDED)	TT	-----
◆		O	A-DIGIT TRANSLATION	TT	-----
◆		P	COMBINATION A- AND B-DIGIT TRANSLATION	TT	-----
◆		Q	PRETRANSLATION (PRETRANSLATOR SD-25568-01 PROVIDED)	TT	-----
◆		Q.1	PRETRANSLATION FOR IDDD (SD-27849-01 PROVIDED)	TT	-----
◆		R	STUCK COIN	TT	-----
◆		S	STRAIGHTFORWARD CALL TO MANUAL OFFICE	TT	-----
◆		T	PERMANENT SIGNAL TIMING-COIN OR NONCOIN	TT	-----
◆		V	REGISTER TIMEOUT AFTER MARKER SETS BUSY TONE	TT	-----
◆		W	TIP PARTY-MANUAL TEST	TT	-----
◆		X	TIMING DURING PRETRANSLATION	TT	-----
◆		Y	TIMING DURING COIN TEST-DIAL TONE FIRST	TT	-----
◆		AA	RECYCLE OF TIMING	TT	-----
◆		AB	DIAL TONE REMOVAL	TT	-----
◆		AC	L LOC, C1 OF SRV, OBS CALL, STORING INFO, & VERIF OF TBL RECORDER LEADS	TT	-----
◆		AD	PRECISION PULSING TEST (3A PULSE GENERATING TEST SET)	TT	-----
◆		AD.1	PRECISION PULSING TEST (4A SIGNALING TEST SET)	TT	-----
◆		AE	INTRACENTREX CALL	TT	-----
◆		AF	11X SPECIAL CODES-OR EQPD FOR CENTREX SRV ONLY	TT	-----
◆		AG	ZERO OPERATOR CALLS FOR CENTREX SERVICE	TT	-----
◆		AH	1XX SPECIAL CODES FOR CENTREX SERVICE	TT	-----
◆		AJ	LOW AND HIGH LEVEL SIGNAL TEST	TT	-----
◆		AK	MAXIMUM AND MINIMUM FREQUENCY TEST	TT	-----

218-135-503 (12/1)	AL	SINGLE FREQUENCY TEST	TT	-----
	AM	SPECIAL 3-FREQUENCY TEST	TT	-----
	AN	REG PRECISION PULSING TEST (TOUCH-TONE) CALLING (3A PULSE GENERATING TEST SET)	TT	-----
	AN.1	REG PRECISION PULSING TEST (TOUCH-TONE) CALLING (4A SIGNALING TEST SET)	TT	-----
	AO	LOW LEVEL PRECISION PULSING TEST (3A PULSE GENERATING TEST SET)	TT	-----
	AO.1	LOW LEVEL PRECISION PULSING TEST (4A SIGNALING TEST SET)	TT	-----
	AP	MAXIMUM AND MINIMUM FREQ PRECISION PULSING (3A PULSE GENERATING TEST SET)	TT	-----
	AP.1	MAXIMUM AND MINIMUM FREQ PRECISION PULSING (4A SIGNALING TEST SET)	TT	-----
	AQ	LONG PULSE PRECISION PULSING TEST (3A PULSE GENERATING TEST SET)	TT	-----
	AQ.1	LONG PULSE PRECISION PULSING TEST (4A SIGNALING TEST SET)	TT	-----
	AR	CCSA CALL-PREFIX DIGIT 8	TT	-----
	AS	INTERCHANGEABLE CODES AND/OR NPA 411 CODES	TT	-----
	AT	C-DIGIT TRANSLATION	TT	-----
	AU	RANGE EXTENSION FOR UNIGAUGE CABLING	TT	-----
	AV	UNUSED FREQUENCY COMBINATION	TT	-----
	AW	B-DIGIT TRANSLATION	TT	-----
	AX	CCSA CALL-ACCESS DIGIT 8	TT	-----
	AY	TOLL DIVERSION	TT	-----
	AZ	WIDEBAND SERVICE	TT	-----
	BA	NO COIN PRESENT	TT	-----
	BB	LEAD TESTS BETWEEN ORIGINATING AND COMPLETING MARKERS	TT	-----
	BC	DIGIT 8 ACCESS CALL TO ENHANCED PRIVATE COMMUNICATIONS SYSTEM (EPSCS) NO. 1 ESS	TT	-----

3.2 REGISTERS; INCOMING DP

TRUBLE TESTS

AUTOMATIC MONITOR PROVIDED

218-137-501 (8/0)	A	REGULAR CALL	TT	-----
	B	SPECIAL CALL	TT	-----
	C	LINK RELEASE	TT	-----
	D	DOUBLE CONNECTION	TT	-----
	E	TRUNK TEST CALL	TT	-----
	F	ABANDONED CALL	TT	-----
	G	11 PREFIX DIGITS	TT	-----
	H	DIAL TONE	TT	-----
	I	OVERALL TIMING	TT	-----
	J	COMMON ALARM TIMING	TT	-----
	K	VERIFICATION OF TROUBLE RECORDER	TT	-----

218-137-501 (8/0)	L	AC, RV, AND LR TIMING	TT	-----
	M	EXTRA DIGITS	TT	-----
	N	TANDEM, TOLL, & CAMA INCOMING CLASSES	TT	-----
	O	SERVICE CODES	TT	-----
	P	TOLL OPERATOR AND/OR SYSTEM CODES	TT	-----
	Q	PRETRANSLATION SD-27969-01	TT	-----
	R	PRETRANSLATOR GUARD CONTROL	TT	-----

♦ AUTOMATIC MONITOR NOT PROVIDED

218-137-503 (7/1)	A	REGULAR CALL	TT	-----
	B	SPECIAL CALL	TT	-----
	C	DIAL TONE	TT	-----
	D	SURGE	TT	-----
	E	DIRECT PULSING	TT	-----
	F	BYLINK PULSING	TT	-----
	G	ABANDONED CALL	TT	-----
	H	DIGIT TIMING	TT	-----
	I	LINK RELEASE	TT	-----
	J	OVERALL TIMEOUT	TT	-----
	K	COMMON ALARM TIMING	TT	-----
	L	DOUBLE CONNECTION	TT	-----
	M	AC, RV, AND LR TIMERS	TT	-----
	N	TROUBLE RELEASE	TT	-----
	O	PRECISION PULSING (3A PULSE GENERATING TEST SET)	TT	-----
	P	TRUNK TEST CALL	TT	-----
	Q	11 FOREIGN AREA DIRECTING CODES	TT	-----
	R	TANDEM, TOLL, & CAMA INCOMING CLASSES	TT	-----
	S	SERVICE CODES	TT	-----
	T	TOLL OPERATOR AND/OR SYSTEM CODES	TT	-----
	U	PRETRANSLATION	TT	-----
	V	PRETRANSLATOR GUARD CONTROL	TT	-----
	01	PRECISION PULSING (4A SIGNALING TEST SET)	TT	-----

♦ 3.3 REGISTERS; INCOMING MF

♦ TROUBLE TESTS

♦ AUTOMATIC MONITOR PROVIDED

218-143-501 (9/0)	A	REGULAR CALL	TT	-----
	B	SPECIAL CALL	TT	-----
	C	LINK RELEASE	TT	-----
	D	DOUBLE CONNECTION	TT	-----
	E	TRUNK TEST CALL	TT	-----
	F	ABANDONED CALL	TT	-----

218-143-501 (9/0)	G	PERMANENT SIGNAL TIMING	TT	-----
	H	PULSE REVERSAL	TT	-----
	I	SLOW PULSING	TT	-----
	J	FALSE KEYPULSE SIGNAL	TT	-----
	K	PREMATURE START PULSE	TT	-----
	L	LOW LOSS AND 3-FREQUENCY KEYPULSE SIGNAL	TT	-----
	M	SINGLE FREQUENCY DIGIT	TT	-----
	N	3-FREQUENCY DIGIT	TT	-----
	O	TWIST	TT	-----
	P	PREFIX DIGITS 11	TT	-----
	Q	SHORT TIMEOUT	TT	-----
	R	COMMON ALARM TIMING	TT	-----
	S	VERIFICATION OF TROUBLE RECORDER REGISTER LEADS	TT	-----
	T	TDM, TOLL, CAMA, & PULSE CONV INC CLASS OF CALL	TT	-----
	U	OPERATOR ERROR DETECTION	TT	-----
	V	CENTREX ATTENDANT CLASS CALLS	TT	-----
	W	CENTREX TRANSFER CLASS CALLS	TT	-----

AUTOMATIC MONITOR NOT PROVIDED

218-143-503 (6/0)	A	REGISTRATION	TT	-----
	B	SPECIAL CALL	TT	-----
	C	SINGLE FREQUENCY DIGIT	TT	-----
	D	THREE-FREQUENCY DIGIT	TT	-----
	E	MODULATION PRODUCTS	TT	-----
	F	TWIST	TT	-----
	G	LINK RELEASE	TT	-----
	H	ABANDONED CALL	TT	-----
	I	11 FOREIGN AREA DIRECTING CODE	TT	-----
	J	DELAY FOR START SIGNAL-NO-WSR REGISTERS	TT	-----
	K	REORDER REQUEST	TT	-----
	L	TROUBLE RELEASE	TT	-----
	M	COMMON ALARM TIMING	TT	-----
	N	DOUBLE CONNECTION	TT	-----
	O	RV TIMER	TT	-----
	P	PRECISION PULSING TEST-3A PULSE GENERATING TEST SET	TT	-----
	P.1	PRECISION PULSING TEST-4A SIGNALING TEST SET	TT	-----
	Q	SLOW PULSING TEST	TT	-----
	R	CENTREX ATTENDANT CLASS CALLS	TT	-----
	S	CENTREX TRANSFER CLASS CALLS	TT	-----
	T	INTERCHANGEABLE NPA CODE TRANSLATION	TT	-----

◆ 3.4 REGISTERS; INCOMING FSP

◆ TROUBLE TESTS

218-161-603 (1/0)	A	REGISTRATION	TT	-----
	B	SPECIAL CALL	TT	-----
	C	DIGIT ERROR (FIRST CYCLE)	TT	-----
	D	DIGIT ERROR (SECOND CYCLE)	TT	-----
	E	2 KP SIGNALS	TT	-----
	F	ELEVEN DIGIT	TT	-----
	G	SR TIMING	TT	-----
	H	LR TIMING	TT	-----
	I	ABANDONED CALL	TT	-----
	J	TC1 RELAY NONOPERATE	TT	-----
	K	CLASS CHECK AND LINK RELEASE	TT	-----
	L	TROUBLE RELEASE	TT	-----
	M	DOUBLE CONNECTION	TT	-----
	N	COMMON ALARM TIMING	TT	-----

◆ 3.5 REGISTERS; INCOMING-REV PLS

◆ TROUBLE TESTS

◆ AUTOMATIC MONITOR PROVIDED

218-139-501 (4/0)	A	REGULAR CALL	TT	-----
	B	LONG SELECTION INTERVAL	TT	-----
	C	REVERSE BATTERY NOT DELAYED	TT	-----
	D	REVERSE BATTERY DURATION	TT	-----
	E	IF TIMER FUNCTION	TT	-----
	F	ABANDONED CALL	TT	-----
	G	STP RELAY OPERATE AND RELEASE	TT	-----
	H	TELLTALE	TT	-----
	I	TC1 RELAY NONOPERATE AND OPERATE	TT	-----
	J	LINK RELEASE	TT	-----
	K	DOUBLE CONNECTION	TT	-----
	L	MAXIMUM LOOP	TT	-----
	M	SPECIAL CALL	TT	-----
	N	HIGH INCOMING GROUP SELECTION	TT	-----
	O	OVERALL TIMEOUT	TT	-----
	P	COMMON ALARM TIMING	TT	-----
	Q	VERIFICATION OF TROUBLE RECORDER LEADS	TT	-----
	R	FALSE GROUNDS OR TROUBLE CROSSES	TT	-----
218-139-506 (2/0)	A	REGULAR CALL	TT	-----
	B	SPECIAL CALL	TT	-----
	C	LONG SELECTION INTERVAL	TT	-----
	D	ABANDONED CALL	TT	-----

218-139-506 (2/0)	E	STP RELAY OPERATE AND RELEASE	TT	-----
	F	TELLTALE	TT	-----
	G	LINK RELEASE	TT	-----
	H	DOUBLE CONNECTION	TT	-----
	I	LOOP-MAXIMUM	TT	-----
	J	HIGH INCOMING GROUP SELECTION	TT	-----
	K	REORDER	TT	-----
	L	CENTRAL B POSITION	TT	-----
	M	OVERALL TIMEOUT	TT	-----
	N	REGISTER TIMEOUT ALARM	TT	-----
	O	SHORT TIMEOUT-LR	TT	-----
	P	VERIFICATION OF TROUBLE RECORDER LEADS	TT	-----
218-139-508 (5/0)	A	TEST USING 35-TYPE TEST SET PERCENT BREAK METER & IMP. COUNTER	TT	-----
	B	TEST USING PULSE CHECKING TEST SET	TT	-----
AUTOMATIC MONITOR NOT PROVIDED				
218-139-503 (3/0)	A	REGISTRATION	TT	-----
	B	MINIMUM INTERDIGITAL TIME	TT	-----
	C	TELLTALE	TT	-----
	D	UNUSED SELECTIONS	TT	-----
	E	OVERALL TIMEOUT	TT	-----
	F	LINK RELEASE	TT	-----
	G	HIGH INCOMING GROUP SELECTION	TT	-----
	H	COMMON ALARM TIMING	TT	-----
	I	TROUBLE RELEASE	TT	-----
	J	IF TIMING	TT	-----
	K	DOUBLE CONNECTION	TT	-----
218-139-505 (3/0)	A	REGISTRATION-ALL SELECTIONS	TT	-----
	B	REGISTRATION STRAIGHTFORWARD AND SERVICE CODES	TT	-----
	C	MINIMUM INTERDIGITAL TIME TEST	TT	-----
	D	TELLTALE DURING OFFICE GROUP SELECTION	TT	-----
	E	TELLTALE DURING INCOMING BRUSH SELECTION	TT	-----
	F	UNUSED SELECTIONS	TT	-----
	G	OVERALL TIMEOUT	TT	-----
	H	LINK RELEASE	TT	-----
	I	COMMON ALARM TIMING	TT	-----
	J	TROUBLE RELEASE (IRBT KEY OPERATED)	TT	-----
	K	DOUBLE CONNECTION	TT	-----
218-139-507 (1/0)	A	REGISTRATION	TT	-----
	B	TELLTALE-RESULTING FROM POSITION DISCONNECT	TT	-----
	C	OVERALL TIMEOUT	TT	-----

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218-139-507 (1/0)	D	LINK RELEASE	TT	-----
	E	COMMON ALARM TIMING	TT	-----
	F	TROUBLE RELEASE	TT	-----
	G	DOUBLE CONNECTION	TT	-----
218-139-508 (5/0)	A	TEST USING 35-TYPE TEST SET PERCENT BREAK METER & IMP. COUNTER	TT	-----
	B	TEST USING PULSE CHECKING TEST SET	TT	-----