

EQUIPMENT TEST LIST
SENDERS
OFFICES WITH MASTER TEST FRAME
NO. 5 CROSSBAR SYSTEMS

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1. GENERAL	1	applicable to equipment listed in the preceding table of contents. Test classification and frequency of periodic routine are also provided.
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1. GENERAL

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

NOTICE

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

4.0 SENDERS

4.1 SENDERS; OUTGOING DP WLLP

AUTOMATIC MONITOR PROVIDED

FOR ALL UNITS

218-150-502 (6/0)	D	REVERSED TRUNK AND INTERSENDER TIMING	MR 24M	-----
	K	CANCEL TIMED RELEASE AND ALARMS	MR 24M	-----
	P	RECYCLE OF TM TIMER	MR 24M	-----

TROUBLE TESTS

218-150-502 (6/0)	A	REGULAR CALL	TT	-----
	B	ABANDONED CALL	TT	-----
	C	DELETED	TT	-----
	E	BATTERY AND GROUND PULSING	TT	-----
	F	FIXED ARBITRARY DIGITS	TT	-----
	G	ANTI GLARE TEST	TT	-----
	H	TRUNK TEST--OPEN TRUNK	TT	-----
	I	WINK START TEST	TT	-----
	J	TIMING FEATURES	TT	-----
	L	SENDER BUSY	TT	-----
	M	REORDER TEST	TT	-----
	N	STOP DIAL TEST	TT	-----
	O	MARKER REORDER TEST	TT	-----
	Q	IMMEDIATE RECORDER ON STOP DIAL SIGNAL AND HOLD FORWARD FEATURE	TT	-----

AUTOMATIC MONITOR NOT PROVIDED

FOR ALL UNITS

218-150-504 (5/0)	D	REVERSED TRUNK AND INTERSENDER TIMING	MR 24M	-----
	K	CANCEL TIMED RELEASE AND ALARM	MR 24M	-----
	N	MARKER REORDER	MR 24M	-----
	O	RECYCLE OF TM TIMER	MR 24M	-----

TROUBLE TESTS

218-150-504 (5/0)	A	REGULAR CALL	TT	-----
	B	ABANDONED CALL	TT	-----
	C	DELETED	TT	-----
	E	BATTERY AND GROUND PULSING	TT	-----
	F	FIXED ARBITRARY DIGITS	TT	-----
	G	ANTI GLARE TEST	TT	-----
	H	TRUNK TEST--OPEN TRUNK	TT	-----
	I	WINK START TEST	TT	-----
	J	TIMING FEATURES	TT	-----
	L	SENDER BUSY	TT	-----
	M	STOP DIAL TEST	TT	-----

218-150-504 (5/0) P IMMEDIATE REORDER ON STOP DIAL SIGNAL AND HOLD FORWARD FEATURE TT -----

4.2 SENDERS; OUT DP W/O LLP

TROUBLE TESTS

AUTOMATIC MONITOR PROVIDED

218-150-501 (9/0) A REGULAR CALL TT -----
 B TRUNK TEST--OPEN TRUNK TT -----
 C ABANDONED CALL--AMA TT -----
 D ABANDONED CALL--NON-AMA TT -----
 E TRANSVERTER TROUBLE RELEASE TT -----
 F DELAY PULSING OF LAST DIGIT-AMA TT -----
 G NO DIGITS CALL--AMA TT -----
 H TRUNK REVERSED-OFF-HOOK TO ON-HOOK TT -----
 I TRUNK REVERSED-INITIAL OFF-HOOK TT -----
 J STOP DIAL SIGNAL TT -----
 K DISTANT TRUNK REVERSED OR BUSY TT -----
 L BATTERY AND GROUND PULSING TT -----
 M TIMING TEST TT -----
 M.1 TM TIMER RECYCLE TT -----
 N CANCEL TIMED RELEASE AND ALARM TEST TT -----
 N.1 STUCK SENDER IDENTIFICATION TT -----
 O MARKER REORDER TT -----
 P ANTIGLARE TEST TT -----
 P.1 IMM RO ON STOP DIAL SIGNAL TT -----
 P.2 OPEN LOOP DETECTION BETWEEN DIGITS TT -----
 Q INTERSENDER TIMING-WS RELAY TYPE SENDERS TT -----
 R PULSE CONVERSION CALL TT -----
 S SENDER BUSY TT -----
 T DIRECTORY ASSISTANCE CHARGING TT -----

AUTOMATIC MONITOR NOT PROVIDED

218-150-503 (7/0) A REGULAR CALL TT -----
 B ABANDONED CALL--AMA TT -----
 C ABANDONED CALL--NON-AMA TT -----
 D TRANSVERTER TROUBLE RELEASE-AMA TT -----
 E DELAY PULSING OF LAST DIGIT-AMA TT -----
 F NO-DIGIT CALL--AMA TT -----
 G TRUNK REVERSED-OFF-HOOK TO ON-HOOK TT -----
 H TRUNK REVERSED-INITIAL OFF-HOOK TT -----
 I STOP DIAL SIGNAL TT -----
 J BATTERY AND GROUND PULSING TT -----
 K TRUNK TEST--OPEN TRUNK TT -----

218-150-503 (7/0)	L	MARKER REORDER	TT	-----
	M	PULSE CONVERSION TEST	TT	-----
	N	TIMING TEST	TT	-----
	N.1	TM TIMER RECYCLE	TT	-----
	O	SENDER BUSY TEST	TT	-----
	O	CANCEL TIMED RELEASE AND ALARM	TT	-----
	O.1	STUCK SENDER IDENTIFICATION	TT	-----
	P	INTERSENDER TIMING WIRE SPRING AND NON-WIRE SPRING TYPE SENDERS	TT	-----
	R	ANTI GLARE TEST	TT	-----
	S	DISTANT TRUNK REVERSED OR BUSY	TT	-----
	T	IMM RO ON STOP DIAL SIGNAL	TT	-----
	T.1	OPEN LOOP DETECTION BETWEEN DIGITS	TT	-----
	U	DIRECTORY ASSISTANCE CHARGING	TT	-----

4.3 SENDERS; OUTGOING FSP

FOR ALL UNITS

218-161-503 (2/0)	A	REGULAR CALL	MW 24M	-----
	B	FIRST CYCLE FAILURE	MW 24M	-----
	C	SECOND CYCLE FAILURE	MW 24M	-----
	D	MOMENTARY REMOVAL OF F2 TONE	MR 24M	-----
	E	MAXIMUM F2 TONE TO START OUTPULSING	MR 24M	-----
	F	MINIMUM F2 TONE TO START OUTPULSING	MR 24M	-----
	P	TRUNK "OFF-HOOK" AT END OF PULSING	MW 24M	-----
	R	TWO-WAY TRUNK "OFF-HOOK"-PRIMARY OFFICE	MW 24M	-----
	S	TWO-WAY TRUNK "OFF-HOOK"-SECONDARY OFFICE	MW 24M	-----
	V	INTERSENDER TIMING	MR 24M	-----
	W	CANCEL TIMED RELEASE AND ALARM	MR 24M	-----
	W.1	STUCK SENDER TRUNK IDENTIFICATION	MR 24M	-----

OPTIONAL FEATURES

ARRANGED FOR AMA

218-161-503 (2/0)	J	DELAY PULSING-AMA	MW 24M	-----
	L	TRANSVERTER TROUBLE RELEASE-AMA	MW 24M	-----
	M	CANCEL TRANSVERTER TROUBLE RELEASE-AMA	MW 24M	-----
	N	TRANSVERTER FAILURE ON BB CALLS-AMA	MW 24M	-----
	O	AMA TIMEOUT	MR 24M	-----

TROUBLE TESTS

FS PLS OG SDR--TESTS USING SDR TEST SET

218-161-503 (2/0)	G	ABANDONED CALL--NON-AMA	TT	-----
	H	ABANDONED CALL--AMA	TT	-----
	I	AMA INFORMATION	TT	-----
	K	CANCEL DELAY PULSING--AMA	TT	-----

218-161-503 (2/0)	Q	ONE-WAY TRUNK "OFF-HOOK"	TT	-----
	T	TRUNK TEST--OPEN TRUNK	TT	-----
	U	MARKER REORDER	TT	-----
	X	SENDER BUSY	TT	-----

4.4 SENDERS; OUT-MF-COIN ZONE

AUTOMATIC MONITOR PROVIDED

FOR ALL UNITS

218-156-501 (13/0)	L.1	STUCK SENDER TRUNK IDENTIFICATION	MR 24M	-----
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OPTIONAL FEATURES

AMA-(IDDD-LAMA ONLY)

218-156-501 (13/0)	AB	IDDD-LAMA CALL	MW 24M	-----
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ANI-VIA XBT TSP

218-156-501 (13/0)	V	SPECIAL START SIGNAL (ANI) VIA CSBR TDM TSP	MW 24M	-----
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AIS

218-156-501 (13/0)	AA	INTERSENDER TIMING-AIS	MW 24M	-----
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TROUBLE TESTS

218-156-501 (13/0)	A	REGULAR CALL	TT	-----
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	B	TRUNK TEST--OPEN TRUNK	TT	-----
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	C	ABANDONED CALL--AMA	TT	-----
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	D	ABANDONED CALL--NON-AMA	TT	-----
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	F	AMA TRANSVERTER TROUBLE RELEASE-COIN ZONE	TT	-----
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	G	DELAY PULSING OF LAST DIGIT-AMA CALL	TT	-----
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	H	NO PULSE--AMA CALL	TT	-----
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	I	REVERSED TRUNK TEST	TT	-----
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	K	TIMING FEATURES-COIN ZONE	TT	-----
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	L	CANCEL TIMED RELEASE AND ALARM	TT	-----
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	M	MARKER REORDER	TT	-----
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	N	MF CURRENT SUPPLY TROUBLE RELEASE	TT	-----
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	O	SENDER BUSY	TT	-----
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	P	INTERSENDER TIMING	TT	-----
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	Q	ANI--AUTOMATICALLY IDENTIFIED CALL	TT	-----
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	R	ANI--AUTOMATICALLY IDENTIFIED CALL FAILURE	TT	-----
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	S	ANI--OPERATOR IDENTIFIED CALL	TT	-----
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	S.1	IDENTIFICATION FAILURE AFTER SENDER TIME-OUT	TT	-----
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	T	ZERO OPERATOR CALL--ANI	TT	-----
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	U	ZERO OPERATOR CALL--ONI	TT	-----
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	W	COMPARATIVE FREQUENCY TEST	TT	-----
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	X	OSCILLATOR OUTPUT VOLTAGE	TT	-----
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	Y	FREQUENCY TEST USING 72A FREQUENCY METER	TT	-----
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	Z	SPECIAL START SIGNAL (ANI)-TSPS NO. 1	TT	-----
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	AC	IDDD-LAMA GATEWAY TIMING	TT	-----
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♦	218-156-501 (13/0)	AD	IDDD-TSPS CALL	TT	-----
♦		AE	DIRECTORY ASSISTANCE CHARGING	TT	-----
♦		AF	211 CODE ROUTED TO A TSPS AS A ZERO OPERATOR CALL	TT	-----
AUTOMATIC MONITOR NOT PROVIDED					
♦	SELECT ONLY ONE CATEGORY				
AMA-(IDDD-LAMA ONLY)					
♦	218-156-503 (9/1)	AD	IDDD-LAMA GATEWAY TIMING	MW 24M	-----
ANI-VIA XBT TSP					
♦	218-156-503 (9/1)	V	SPECIAL START SIGNAL (ANI)-CROSSBAR TDM TSP	MW 24M	-----
AIS					
♦	218-156-503 (9/1)	AB	INTERSENDER TIMING-AIS	MW 24M	-----
TROUBLE TESTS					
♦	218-156-503 (9/1)	A	REGULAR CALL	TT	-----
♦		B	ABANDONED CALL--AMA	TT	-----
♦		C	ABANDONED CALL--NON-AMA	TT	-----
♦		E	TV TROUBLE RELEASE-COIN ZONE-AMA	TT	-----
♦		F	DELAY PULSING OF LAST DIGIT-AMA	TT	-----
♦		G	NO-DIGIT CALL--AMA	TT	-----
♦		H	REVERSED TRUNK TEST	TT	-----
♦		I	TRUNK TEST--OPEN TRUNK	TT	-----
♦		K	TIMING FEATURES-COIN ZONE	TT	-----
♦		L	CANCEL TIMED RELEASE AND ALARM	TT	-----
♦		M	MARKER REORDER	TT	-----
♦		N	MF CURRENT SUPPLY TROUBLE RELEASE	TT	-----
♦		O	INTERSENDER TIMING TEST-WS & NON WS RELAY TYPE	TT	-----
♦		P	ANI--CALL	TT	-----
♦		Q	ANI-CALL FAILURE	TT	-----
♦		R	ANI--OPERATOR IDENTIFICATION	TT	-----
♦		R.1	IDENTIFICATION FAILURE AFTER SENDER TIME-OUT	TT	-----
♦		S	TIMING FEATURES-ANI	TT	-----
♦		T	ZERO OPERATOR CALL--ANI	TT	-----
♦		U	ZERO OPERATOR CALL--ONI	TT	-----
♦		W	SENDER BUSY	TT	-----
♦		X	COMPARATIVE FREQUENCY TEST	TT	-----
♦		Y	OSCILLATOR OUTPUT VOLTAGE	TT	-----
♦		Z	FREQUENCY TEST USING 72A FREQ METER	TT	-----
♦		AA	SPECIAL START SIGNAL (ANI)-TSPS NO. 1	TT	-----
♦		AC	IDDD-LAMA CALLS	TT	-----
♦		AE	ABANDONED CALL--IDDD-LAMA	TT	-----
♦		AF	IDDD-TSPS CALL	TT	-----

218-156-503	(9/1)	AG	DIRECTORY ASSISTANCE CHARGING	TT	-----
		AH	211 CODE ROUTED TO A TSPS AS A ZERO OPERATOR CALL	TT	-----

4.5 SENDERS; OUT-MF-NOT CN ZN

AUTOMATIC MONITOR PROVIDED

SELECT ONLY ONE CATEGORY

AMA-(IDDD-LAMA ONLY)

218-156-501	(13/0)	AB	IDDD-LAMA CALL	MW	12M	-----
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ANI-VIA XBT TSP

218-156-501	(13/0)	V	SPECIAL START SIGNAL (ANI) VIA CSBR TDM TSP	MW	24M	-----
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AIS

218-156-501	(13/0)	AA	INTERSENDER TIMING-AIS	MW	24M	-----
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TROUBLE TESTS

218-156-501	(13/0)	E	AMA TRANSVERTER TROUBLE RELEASE-NONCOIN ZONE	TT	-----
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		G	DELAY PULSING OF LAST DIGIT-AMA CALL	TT	-----
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		I	REVERSED TRUNK TEST	TT	-----
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		J	TIMING FEATURES-NONCOIN ZONE	TT	-----
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		L	CANCEL TIMED RELEASE AND ALARM	TT	-----
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		P	INTERSENDER TIMING	TT	-----
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		W	COMPARATIVE FREQUENCY TEST	TT	-----
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		X	OSCILLATOR OUTPUT VOLTAGE	TT	-----
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		Z	SPECIAL START SIGNAL (ANI)-TSPS NO. 1	TT	-----
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		AE	DIRECTORY ASSISTANCE CHARGING	TT	-----
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AUTOMATIC MONITOR NOT PROVIDED

SELECT ONLY ONE CATEGORY

AMA(IDDD-LAMA ONLY)

218-156-503	(9/1)	AD	IDDD-LAMA GATEWAY TIMING	MW	24M	-----
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ANI-VIA XBT TSP

218-156-503	(9/1)	V	SPECIAL START SIGNAL (ANI)-CROSSBAR TDM TSP	MW	24M	-----
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AIS

218-156-503	(9/1)	AB	INTERSENDER TIMING-AIS	MW	24M	-----
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TROUBLE TESTS

218-156-501	(13/0)	A	REGULAR CALL	TT	-----
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		B	TRUNK TEST--OPEN TRUNK	TT	-----
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		C	ABANDONED CALL--AMA	TT	-----
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		D	ABANDONED CALL--NON-AMA	TT	-----
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		H	NO PULSE--AMA CALL	TT	-----
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		M	MARKER REORDER	TT	-----
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		N	MF CURRENT SUPPLY TROUBLE RELEASE	TT	-----
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		O	SENDER BUSY	TT	-----
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		Q	ANI--AUTOMATICALLY IDENTIFIED CALL	TT	-----
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◆	218-156-501 (13/0)	R	ANI--AUTOMATICALLY IDENTIFIED CALL FAILURE	TT	-----
◆		S	ANI--OPERATOR IDENTIFIED CALL	TT	-----
◆		S.1	IDENTIFICATION FAILURE AFTER SENDER TIME-OUT	TT	-----
◆		T	ZERO OPERATOR CALL--ANI	TT	-----
◆		U	ZERO OPERATOR CALL--ONI	TT	-----
◆		Y	FREQUENCY TEST USING 72A FREQUENCY METER	TT	-----
◆		AC	IDDD-LAMA GATEWAY TIMING	TT	-----
◆		AD	IDDD-TSPS CALL	TT	-----
◆		AF	211 CODE ROUTED TO A TSPS AS A ZERO OPERATOR CALL	TT	-----
◆		AG	DIGIT 8 ACCESS CALL TO ENHANCED PRIVATE SWITCHED COMMUNICATIONS SYSTEM (EPSCS) NO. 1 ESS	TT	-----
◆	218-156-503 (9/1)	A	REGULAR CALL	TT	-----
◆		B	ABANDONED CALL--AMA	TT	-----
◆		C	ABANDONED CALL--NON-AMA	TT	-----
◆		D	TV TROUBLE RELEASE-NONCOIN ZONE-AMA	TT	-----
◆		F	DELAY PULSING OF LAST DIGIT-AMA	TT	-----
◆		G	NO-DIGIT CALL--AMA	TT	-----
◆		H	REVERSED TRUNK TEST	TT	-----
◆		I	TRUNK TEST--OPEN TRUNK	TT	-----
◆		J	TIMING FEATURES-NONCOIN ZONE	TT	-----
◆		L	CANCEL TIMED RELEASE AND ALARM	TT	-----
◆		M	MARKER REORDER	TT	-----
◆		N	MF CURRENT SUPPLY TROUBLE RELEASE	TT	-----
◆		O	INTERSENDER TIMING TEST-WS & NON WS RELAY TYPE	TT	-----
◆		P	ANI--CALL	TT	-----
◆		Q	ANI-CALL FAILURE	TT	-----
◆		R	ANI--OPERATOR IDENTIFICATION	TT	-----
◆		R.1	IDENTIFICATION FAILURE AFTER SENDER TIME-OUT	TT	-----
◆		S	TIMING FEATURES-ANI	TT	-----
◆		T	ZERO OPERATOR CALL--ANI	TT	-----
◆		U	ZERO OPERATOR CALL--ONI	TT	-----
◆		W	SENDER BUSY	TT	-----
◆		X	COMPARATIVE FREQUENCY TEST	TT	-----
◆		Y	OSCILLATOR OUTPUT VOLTAGE	TT	-----
◆		Z	FREQUENCY TEST USING 72A FREQ METER	TT	-----
◆		AA	SPECIAL START SIGNAL (ANI)-TSPS NO. 1	TT	-----
◆		AC	IDDD-LAMA CALLS	TT	-----
◆		AE	ABANDONED CALL--IDDD-LAMA	TT	-----
◆		AF	IDDD-TSPS CALL	TT	-----
◆		AG	DIRECTORY ASSISTANCE CHARGING	TT	-----

218-156-503 (9/1)	AH	211 CODE ROUTED TO TSPS AS A ZERO OPERATOR CALL	TT	-----
	AI	DIGIT 8 ACCESS CALL TO ENHANCED PRIVATE SWITCHED COMMUNICATIONS SYSTEMS (EPSCS) NO. 1 ESS	TT	-----

4.6 SENDERS; OUT AIS W/O LLP

TROUBLE TESTS

AUTOMATIC MONITOR PROVIDED

218-156-502 (4/0)	A	REGULAR CALL	TT	-----
	B	LINE PREFERENCE TEST	TT	-----
	C	OPEN LINE TEST	TT	-----
	D	REVERSED LINE TEST	TT	-----
	E	ABANDONED CALL	TT	-----
	F	TERMINATING TEST LINE CALL	TT	-----
	G	TIMING FEATURES	TT	-----
	H	CANCEL TIMED RELEASE AND ALARM	TT	-----
	H.1	STUCK SENDER LINE IDENTIFICATION	TT	-----
	I	MARKER REORDER	TT	-----
	J	SENDER BUSY	TT	-----
	K	STUCK SENDER GUARD TEST	TT	-----
	L	MULTIFREQUENCY CURRENT SUPPLY TROUBLE RELEASE	TT	-----
	M	COMPARATIVE FREQUENCY TEST	TT	-----
	N	OSCILLATOR OUTPUT VOLTAGE	TT	-----
	O	FREQUENCY TEST USING FREQUENCY METER	TT	-----
	P	ALL-LINES-BUSY TEST	TT	-----
	Q	NO-DIGIT CALL	TT	-----

AUTOMATIC MONITOR NOT PROVIDED

218-156-504 (4/0)	A	REGULAR CALL	TT	-----
	B	LINE PREFERENCE TEST	TT	-----
	C	OPEN LINE TEST	TT	-----
	D	REVERSED LINE TEST	TT	-----
	E	ABANDONED CALL	TT	-----
	F	TERMINATING TEST LINE CALL	TT	-----
	G	TIMING FEATURES	TT	-----
	H	CANCEL TIMED RELEASE AND ALARM	TT	-----
	H.1	STUCK SENDER LINE IDENTIFICATION	TT	-----
	I	MARKER REORDER	TT	-----
	J	SENDER BUSY	TT	-----
	K	STUCK SENDER GUARD TEST	TT	-----
	L	MULTIFREQUENCY CURRENT SUPPLY TROUBLE RELEASE	TT	-----
	M	COMPARATIVE FREQUENCY TEST	TT	-----
	N	OSCILLATOR OUTPUT VOLTAGE	TT	-----

◆	218-156-504 (4/0)	O	FREQUENCY TEST USING FREQUENCY METER	TT	-----
◆		P	ALL-LINES-BUSY TEST	TT	-----
◆		Q	NO-DIGIT CALL	TT	-----
◆	4.7 SENDERS; OUTGOING RP				
◆	TROUBLE TESTS				
◆	AUTOMATIC MONITOR PROVIDED				
	218-154-501 (6/0)	A	REGULAR CALL	TT	-----
		B	ABANDONED CALL--AMA	TT	-----
		C	ABANDONED CALL--NON-AMA	TT	-----
◆		D	TRANSVERTER TROUBLE RELEASE-AMA	TT	-----
		E	MARKER REORDER	TT	-----
◆		F	DELAY PULSING OF LAST DIGIT-AMA	TT	-----
		G	NO DIGITS CALL--AMA	TT	-----
◆		H	INCOMING OVERFLOW	TT	-----
		I	TIMING FEATURES	TT	-----
◆		J	CANCEL TIMED RELEASE AND ALARM	TT	-----
◆		J.1	STUCK SENDER TRUNK IDENTIFICATION	TT	-----
		K	TRUNK TEST--OPEN TRUNK	TT	-----
◆		L	INTERSENDER TIMING	TT	-----
		M	FALSE OPERATION OF COUNTING RELAYS	TT	-----
		N	INSUFFICIENT DIGITS--WS RELAY TYPE SENDERS	TT	-----
		O	SENDER BUSY	TT	-----
◆		P	DIRECTORY ASSISTANCE CHARGING	TT	-----
◆	AUTOMATIC MONITOR NOT PROVIDED				
◆	218-154-503 (6/0)	A	REGULAR CALL	TT	-----
		B	ABANDONED CALL--AMA	TT	-----
		C	ABANDONED CALL--NON-AMA	TT	-----
◆		D	TRANSVERTER TROUBLE RELEASE-AMA	TT	-----
		E	MARKER REORDER	TT	-----
◆		F	DELAY PULSING OF LAST DIGIT-AMA	TT	-----
		G	NO-DIGIT CALL--AMA	TT	-----
◆		H	INCOMING OVERFLOW	TT	-----
		I	TIMING FEATURES	TT	-----
◆		J	CANCEL TIMED RELEASE AND ALARM	TT	-----
◆		J.1	STUCK SENDER TRUNK IDENTIFICATION	TT	-----
		K	TRUNK TEST--OPEN TRUNK	TT	-----
◆		L	INTERSENDER TIMING	TT	-----
		M	PRECISION REVERTIVE PULSING	TT	-----
◆		N	FALSE OPERATION OF COUNTING RELAYS	TT	-----
		O	INSUFFICIENT DIGITS--WS RELAY TYPE SENDERS	TT	-----
◆		P	SENDER BUSY	TT	-----

218-154-503 (6/0)	Q	DIRECTORY ASSISTANCE CHARGING	TT	-----
4.8 SENDERS; OUTGOING PCI				
TROUBLE TESTS				
218-152-501 (5/0)	A	REGULAR CALL	TT	-----
	B	TRUNK TEST--OPEN TRUNK--NON-AMA	TT	-----
	C	ABANDONED CALL--AMA	TT	-----
	D	ABANDONED CALL--NON-AMA	TT	-----
	E	TRANSVERTER TROUBLE RELEASE-AMA	TT	-----
	F	MARKER REORDER	TT	-----
	G	FAST ASSIGNMENT-NON-AMA	TT	-----
	H	REVERSED TRUNKS	TT	-----
	I	DELAY TRUNK TEST--AMA	TT	-----
	J	TIMEOUT BEFORE TRUNK TEST	TT	-----
	K	CANCEL TIMED RELEASE AND ALARM	TT	-----
	L	TIMEOUT DURING "WAITING ASSIGNMENT"	TT	-----
	M	NO DIGITS CALL	TT	-----
	N	INTERSENDER TIMING-WS RELAY TYPE SENDERS	TT	-----
	O	SENDER TRANSVERTER TIMING-AMA	TT	-----
	P	INSUFFICIENT DIGITS--WS RELAY TYPE SENDERS	TT	-----
	Q	SENDER BUSY	TT	-----
	R	DIRECTORY ASSISTANCE CHARGING	TT	-----
218-152-503 (5/0)	A	REGULAR CALL	TT	-----
	B	ABANDONED CALL--AMA	TT	-----
	C	ABANDONED CALL--NON-AMA	TT	-----
	D	TRANSVERTER TROUBLE RELEASE-AMA	TT	-----
	E	MARKER REORDER	TT	-----
	F	REVERSED TRUNK	TT	-----
	G	DELAY TRUNK TEST--AMA	TT	-----
	H	TIMEOUT BEFORE TRUNK TEST-AMA	TT	-----
	I	TRUNK TEST--OPEN TRUNK--NON-AMA	TT	-----
	J	CANCEL TIMED RELEASE AND ALARM	TT	-----
	K	TIMEOUT DURING "WAITING ASSIGNMENT"	TT	-----
	L	NO-DIGIT CALL	TT	-----
	M	INTERSENDER TIMING-WS RELAY TYPE SENDERS	TT	-----
	N	INSUFFICIENT DIGITS--WS RELAY TYPE SENDERS	TT	-----
	O	SENDER TRANSVERTER TIMING-AMA	TT	-----
	P	SENDER BUSY	TT	-----
	Q	DIRECTORY ASSISTANCE CHARGING	TT	-----
4.9 SENDERS; INTERMARKERGROUP				
TROUBLE TESTS				
218-158-501 (6/0)	A	REGULAR CALL--AMA	TT	-----

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218-158-501 (6/0)	B	REGULAR CALL--NON-AMA	TT	-----
	C	CALLING MKR REORDER--AMA OFFICES	TT	-----
	D	CALLING MARKER REORDER--NON-AMA OFFICES	TT	-----
	E	TRANSVERTER TROUBLE RELEASE-AMA OFFICES	TT	-----
	F	TIMING TEST	TT	-----
	G	CANCEL TIMED RELEASE AND ALARM TEST	TT	-----
	G.1	STUCK SENDER TRUNK IDENTIFICATION	TT	-----
	H	SENDER BUSY TEST	TT	-----
	I	DIRECTORY ASSISTANCE CHARGING	TT	-----