

**EQUIPMENT TEST LIST**  
**AMA-ANI**  
**OFFICES WITH MASTER TEST FRAME**  
**NO. 5 CROSSBAR SYSTEMS**

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5.6 CALL IDENT INDEX . . . . .	5	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.	
5.7 TRANSV PEF CHN . . . . .	6	1.02 This Equipment Test List (ETL) is issued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.	
5.8 TRANSVERTER CONN . . . . .	6	1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.	
5.9 TRANSVERTER . . . . .	7	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.	
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**NOTICE**

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

## 5.0 AMA-ANI

## 5.1 AMA-ANI; MASTER TIMING CKT (SD-25633-01)

## SELECT ONLY ONE CATEGORY

## SIX SECOND TIMING

218-772-501 (9/0)	A	TIME INDICATION CHECK	MW D	-----
	G	SELECTOR EXERCISE FEATURES	MW 3M	-----
	H	PULSE FAILURE ALARM	MW 12M	-----
	I	TR CONT & TIMER SYNC FAIL. ALARM	MW 12M	-----
	J	SEL SYNC CHECK & SEL SYNC CHECK FAIL. ALARMS	MW 12M	-----
	K	BOTH MASTER TIMING CKTS MAKE-BUSY ALARM	MW 12M	-----
	O	END-OF-TAPE FAILURE ALARM TEST	MW 12M	-----
	P	FUSE ALM RLS (FA) (FA1) AND MB FEATURE	MW 12M	-----
	R	PAPER TAKE-UP ALARM	MW 12M	-----

## ONE SECOND TIMING

218-772-502 (2/1)	A	TIME INDICATION CHECK	MW D	-----
	G	SELECTOR EXERCISE FEATURE	MW 3M	-----
	H	PULSE FAILURE ALARM	MW 12M	-----
	I	TRANSFER CONTROL FEATURES AND TIMER-SYNC FAILURE ALARM	MW 12M	-----
	J	SELECTOR SYNC CHECK AND SELECTOR SYNC CHECK FAILURE	MW 12M	-----
	K	BOTH MASTER TIMING CIRCUITS MAKE-BUSY ALARM	MW 12M	-----
	O	END-OF-TAPE FAILURE ALARM TEST	MW 12M	-----
	P	FUSE ALARM RELEASE (FA) (FA1) AND MAKE-BUSY FEATURE	MW 12M	-----
	R	PAPER TAKE-UP ALARM	MW 12M	-----

## TROUBLE TESTS

218-772-501 (9/0)	B	END-OF-TAPE	TT	-----
	C	ROUTINE END-OF-TAPE RECORD	TT	-----
	D	GROUPING FEATURES	TT	-----
	E	SELECTOR POSITION AND CHECK LAMP FEATURES	TT	-----
	F	PREFERENCE AND LOCKOUT FEATURES	TT	-----
	L	TIMER START CONTROL	TT	-----
	M	TIME-OUT ALARM FEATURES	TT	-----
	N	PERFORATOR LEAD CROSS-DETECTION	TT	-----
	Q	LT1--LT9 RELAYS (LONG TIMER)	TT	-----
218-772-502 (2/1)	B	END-OF-TAPE	TT	-----
	C	ROUTINE END-OF-TAPE RECORD	TT	-----
	D	GROUPING FEATURES	TT	-----
	E	SELECTOR POSITION AND CHECK LAMP FEATURE	TT	-----
	F	PREFERENCE AND LOCKOUT FEATURES	TT	-----
	L	TIMER START CONTROL	TT	-----

218-772-502 (2/1)	M	TIME-OUT ALARM FEATURES	TT	-----
	N	PERFORATOR LEAD CROSS-DETECTION	TT	-----
	Q	LT1-LT9 RELAYS (LONG TIMER)	TT	-----

## 5.2 AMA-ANI; MA TMG MAGC TP (SD-94811-01)

FOR ALL UNITS

218-773-501 (4/0)	A	TIME INDICATION CHECK	MW D	-----
	B	MANUAL TRANSFER	MW 12M	-----
	C	FUSE ALARM TRANSFER	MW 12M	-----
	D	MOTOR OR ELECTRONIC TIMER FAILURE TIMING AND ALARM	MW 12M	-----
	E	DATA CHECK FAIL. IN RECORDER-TRANSFER FEAT.	MW 12M	-----
	F	SECONDS, MINUTES, AND HOURS SYNCHRONIZATION FAILURE ALARM	MW 12M	-----
	G	DAY AND MONTH SYNCHRONIZATION FAILURE ALARM	MW 12M	-----
	H	SECONDS SYNCHRONIZATION FAILURE	MW 12M	-----
	I	SELF SYNCHRONIZATION CHECK ALARM	MW 12M	-----
	J	CAM SYNCHRONIZATION CHECK ALARM (ELECTRONIC OR ELECTROMECHANICAL TIMERS PROVIDED)	MW 12M	-----
	K	TRANSFER TIMER ALARM	MW 12M	-----
	L	TROUBLE RECORDING CHECK ALARM	MW 12M	-----
	M	3AM ENTRY FAILURE ALARMS	MW 12M	-----
	N	ENTRY TIMER FAILURE ALARM	MW 12M	-----
	O	OVERALL TIMER ALARM AND TRANSFER	MW 12M	-----
	P	PREFERENCE RELAYS-OPER AND LOCKOUT FEATURES	MW 12M	-----
	Q	ADVANCE CHECK FAILURE TIMING AND ALARMS	MW 12M	-----

## 5.3 AMA-ANI; RECORDER

FOR ALL UNITS

218-174-501 (9/0)	A	TRANSFER FEATURES	MW 6M	-----
	G	TROUBLE TIMING FEATURE	MW 12M	-----

TROUBLE TESTS

218-174-501 (9/0)	B	MAKE-BUSY FEATURES	TT	-----
	C	OPERATION TEST	TT	-----
	D	SYNCHRONIZING FEATURE	TT	-----
	E	RCDR NO., MIN TIMING, AND HOUR ALM (SIX SECOND TIMING)	TT	-----
	E.1	RCDR NO., MINS TIMING, SEC TIMING, AND HOUR ALARM FEAT. REGULAR RCDR (ONE SECOND TIMING)	TT	-----
	F	SPLICE AND BREAK-IN TAPE FEATURE	TT	-----
	H	AG LEAD ALARM AND LOCKING FEATURE	TT	-----
	I	TRNS OPR OF PERF MAG & SERIES RELAY LOCKING	TT	-----
	J	TROUBLE CROSS DETECTING	TT	-----
	K	TEST FALSE CONT & CROSSES OF TC- RELAY	TT	-----
	M	TRUNK IDENTIFYING LEADS	TT	-----

218-174-501 (9/0)	N	PREFERENCE RELAY--OPR AND LOCKOUT	TT	-----
	N.1	DYNAMIC TEST OF PREFERENCE RELAYS	TT	-----
	N.2	DETECTION OF FALSELY GROUNDED DJ-LEAD	TT	-----

## EMERGENCY RECORDER

218-174-501 (9/0)	O	MAKE-BUSY FEATURE	TT	-----
	P	OPERATION TEST	TT	-----
	Q	SYNCHRONIZING FEATURE	TT	-----
	R	RECORDER NO., MIN TIMING, HOUR ALM (SIX SECOND TIMING)	TT	-----
	R.1	RCDR NO., MINS TIMING, SEC TIMING, AND HOUR ALARM FEAT. EMER RCDR (ONE SECOND TIMING)	TT	-----
	S	SPLICE AND BREAK-IN TAPE FEATURE	TT	-----
	T	TROUBLE TIMING FEATURE	TT	-----
	U	AG LEAD ALARM AND LOCKING FEATURE	TT	-----
	V	TRNS OPR OF PERF MAG & SERIES RELAY LOCKING	TT	-----
	W	TROUBLE CROSS-DETECTION FEATURES	TT	-----
	X	TEST FOR FALSE CONT & CROSSES OF TC- RELAY	TT	-----
	Z	TRUNK IDENTIFYING LEADS	TT	-----
	AA	PREF RELAY--OPERATE & LOCKOUT	TT	-----
	AB	EXERCISING ROUTINE	TT	-----
	AC	DYNAMIC TEST OF PREFERENCE RELAYS	TT	-----
	AD	DETECTION OF FALSELY GROUNDED DJ-LEAD	TT	-----

## 5.4 AMA-ANI; RECORDER MAG TPE (SD-94805-01)

## TROUBLE TESTS

218-734-501 (2/1)	A	CONNECTING CIRCUIT PREFERENCE AND CONNECTOR RELAYS-OPERATING FEATURES	TT	-----
	B	ACTIVE UNIT TEST	TT	-----
	C	INACTIVE UNIT TEST	TT	-----
	D	CHARACTER PAIR TEST	TT	-----
	E	TAPE MARK TEST--WITH INTERBLOCK GAP	TT	-----
	F	TAPE MARK TEST--WITHOUT INTERBLOCK GAP	TT	-----
	G	END OF RECORD--TEST WITH INTERBLOCK GAP	TT	-----
	H	END OF RECORD TEST--WITHOUT INTERBLOCK GAP	TT	-----
	I	INACTIVE UNIT TEST WITH TROUBLE SIMULATION	TT	-----
	J	DATA CHECK FAILURE	TT	-----
	K	APOLOGY FAILURE	TT	-----
	L	CHANNEL RELEASE TROUBLE	TT	-----
	M	TRUNK CONTROL FAILURE	TT	-----
	N	TRANSFER FEATURES	TT	-----
	O	EMERGENCY TRANSFER	TT	-----
	P	CHANNEL PREFERENCE CHAIN CHECK FAILURE ALARM	TT	-----
	Q	CHANNEL BUSY CHECK CIRCUIT FAILURE ALARM	TT	-----

218-734-501 (2/1)	R	START LEAD CONTROL CHECK FAILURE ALARM	TT	-----
	S	TIME DELAY CONTROL CIRCUITS CHECK	TT	-----
	T	FUSE FAILURE CHANNEL MAKE-BUSY	TT	-----
	U	LABEL ENTRY TROUBLE RECORDING--TROUBLE BUFFER NOT AVAILABLE	TT	-----
	V	SUSPEND SECOND TRIAL TOLL-RECORDER FEATURES	TT	-----
	W	CALL COUNT REGISTER	TT	-----
	X	APOLOGY ENTRY	TT	-----
	Y	TEST TAPE GENERATION	TT	-----

## 5.5 AMA-ANI; CALL IDENT INDEX (SD-25621-01)

## TROUBLE TESTS

218-198-501 (3/0)	A	FALSE OPERATION OF TL- RELAY	TT	-----
	B	FALSE GROUND OR CROSS ON TC- LEADS	TT	-----
	C	TENS RELAYS PREFERENCE AND LOCKOUT	TT	-----
	D	UNITS RELAYS PREFERENCE AND LOCKOUT	TT	-----
	E	U-RELAY FALSE OPERATION	TT	-----
	F	CONTINUITY OF RECORDER RESERVATION (RP-) LEADS	TT	-----
	G	FALSE CROSS OR GROUND ON DJ- LEADS	TT	-----

## 5.6 AMA-ANI; CALL IDENT INDEX

## TROUBLE TESTS

218-176-501 (4/0)	A	FALSE OPERATION OF TL- RELAYS	TT	-----
	B	FALSE CROSS ON TRUNK TC- LEAD	TT	-----
	C	FALSE GROUND OR CROSS ON DJ- LEADS IN DIFFERENT TENS GROUPS	TT	-----
	D	FALSE GROUND OR CROSS ON DJ- LEADS IN SAME TENS GROUP	TT	-----
	E	FALSE CROSS IN TENS AND UNITS RELAY CONTACTS	TT	-----
	F	TRUNK IDENTIFYING LEADS	TT	-----
	G	PREFERENCE RELAYS-OPERATING AND LOCKOUT FEAT.	TT	-----
	H	TRUNK CONTROL TIMER START LEAD CHK	TT	-----
	I	RP- LEAD CONTINUITY CHECK	TT	-----
218-198-502 (2/0)	A	FALSE OPERATION OF TL-RELAYS	TT	-----
	B	FALSE CROSS ON TRUNK TC-LEAD	TT	-----
	C	FALSE CROSS OR GROUND ON DJ-LEADS IN DIFFERENT TENS GROUPS	TT	-----
	D	FALSE CROSS OR GROUND ON DJ-LEADS IN SAME TENS GROUP	TT	-----
	E	FALSE CROSS IN TENS AND UNITS RELAY CONTACT CHAIN	TT	-----
	F	TRUNK IDENTIFYING LEADS	TT	-----
	G	PREFERENCE RELAYS - OPERATING & LOCKOUT FEATURES	TT	-----
	H	RP- LEAD CONTINUITY CHECK	TT	-----
	I	TRUNK CONTROL TIMER START LEAD CHECK	TT	-----

## 5.7 AMA-ANI; TRANSV PREF CHN

SELECT ONLY ONE CATEGORY

FOR LAMA OR ANI TRANSLATORS

218-170-501	(6/0)	H	TRANSVERTER PREFERENCE CHAIN TRANSFER & ALARM	MW 12M	-----
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FOR AIOD TRANSLATOR CONNECTORS

218-170-502	(4/1)	E	TRNSV PREFERENCE CHAIN TRANSFER AND AIM	MW 12M	-----
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TROUBLE TESTS

218-170-501	(6/0)	A	OPR TST OF TUBES & CK OF COILS & ALT SURGE START	TT	-----
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		B	TRANSPOSITION TEST OF VF AND SW LEADS	TT	-----
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		C	OVERFLOW--OFFICES ARRANGED FOR LAMA	TT	-----
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		D	VERTICAL FILE LEAD CROSS DETECTION	TT	-----
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		E	EQUIP. TERM. CROSS OR GROUND DETECTION	TT	-----
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		F	TRANSLATOR IDENTIFICATION	TT	-----
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		G	MAKE-BUSY	TT	-----
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		I	TB LEAD GROUND DET--OFF. ARR FOR LAMA	TT	-----
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		J	OVERLAP	TT	-----
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218-170-502	(4/1)	A	TRANSPOSITION OF VF AND SW LEADS	TT	-----
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		B	VERTICAL FILE LEAD CROSS DETECTION	TT	-----
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		C	TRANSLATOR IDENTIFICATION	TT	-----
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		D	MAKE-BUSY AND ALTERNATE TREATMENT	TT	-----
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		F	TB LEAD GROUND DETECTION	TT	-----
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		G	OVERLAP	TT	-----
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		H	LONG LOOP AROUND	TT	-----
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## 5.8 AMA-ANI; TRANSVERTER CONN

SELECT ONLY ONE CATEGORY

LAMA

218-739-501	(9/0)	E	TIME-OUT FEATURES	MW 12M	-----
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CAMA SD-26011-01

218-179-501	(3/0)	E	TIME-OUT FEATURES	MW 12M	-----
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ANI

218-738-501	(2/0)	E	TIME-OUT FEATURES	MW 12M	-----
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TROUBLE TESTS

218-179-501	(3/0)	A	TRANSVERTER PREF & LOCKOUT--CB- RELAY CHAIN	TT	-----
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		B	TRANSVERTER PREF & LOCKOUT--TS- RELAY CHAIN	TT	-----
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		C	SENDER PREFERENCE AND LOCKOUT	TT	-----
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		D	TRANSVERTER BUSY TO TRNSV CONNECTOR	TT	-----
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		F	FALSE GROUND FEATURES	TT	-----
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		G	SECOND TRIAL FEATURES	TT	-----
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218-738-501	(2/0)	A	TRNSV-CONN PREF & LOCKOUT CB- REL CH	TT	-----
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		B	TRNSV-CONN PREF & LOCKOUT TS- REL CH	TT	-----
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218-738-501	(2/0)	C	SENDER PREFERENCE AND LOCKOUT FEATURE	TT	-----
		D	TRANSVERTER BUSY TO TRNSV-CONN	TT	-----
		F	FALSE GROUND FEATURES	TT	-----
		G	SECOND TRIAL FEATURES	TT	-----
218-739-501	(9/0)	A	TRNSV-CONN PREF & LOCKOUT--CB- RL CH	TT	-----
		B	TRNSV-CONN PREF & LOCKOUT-TS- REL CH	TT	-----
		C	SENDER PREFERENCE AND LOCKOUT FEATURE	TT	-----
		D	TRNSV BUSY TO TRNSV-CONN	TT	-----
		F	FALSE GROUND FEATURES	TT	-----
		G	GROUND TRIAL FEATURE	TT	-----
		H	TRAFFIC CONTROL FEATURE--EACH TRNSV-CONN	TT	-----
		I	MASTER TRAFFIC CONTROL FEATURE	TT	-----
		J	TM RELAY OPERATION -TVC EQUIPPED WITH SPL RELAY	TT	-----
		K	SPL RELAY OPERATION	TT	-----

5.9 AMA-ANI; TRANSVERTER

SELECT ONLY ONE CATEGORY

LAMA SD-25591-01

218-172-503	(9/0)	B	SHORT TIME-OUT FEATURE	MW 12M	-----
		C	LONG TIME-OUT FEATURE AND FUSE ALARM	MW 12M	-----
		D	ANI TIME-OUT FEATURE	MW 12M	-----

LAMA SD-27809-01 (MAG TAPE)

218-173-502	(2/0)	G	PROGRESSION TIMING	MW 24M	-----
		H	TROUBLE RECORDING, TRUNK CONTROL BUSY AND TRANSLATOR BUSY TIMING	MW 24M	-----
		I	OVERALL TIMING	MW 24M	-----
		J	FUSE ALARM AND ASSOCIATED MAKE-BUSY FEATURES	MW 24M	-----

CAMA SD-26010-01

218-178-503	(3/0)	A	OVERALL TM1 TIMER	MW 12M	-----
		B	TM2 TIMER	MW 12M	-----
		C	TM3 TIMER	MW 12M	-----
		D	TTR TIMING	MW 24M	-----

ANI SD-26161-01

218-737-501	(5/0)	A	OVERALL TM1 TIMING AND FUSE ALARM	MW 24M	-----
		B	TM2 TIMING	MW 24M	-----
		C	TTR TIMING	MW 24M	-----
		F	TROUBLE RECORDER BUSY-DISPLAY LOST INDICATION	MW 12M	-----

PCTV SD-28085-01

218-798-502	(1/1)	A	PCTV SEIZURE AND RELEASE	MW 24M	-----
		B	TRANSFER START	MW 24M	-----
		D	PCTV TIMER TEST	MW 24M	-----
		F	ALARM RELEASE FEATURE	MW 24M	-----

## TROUBLE TESTS

## LAMA TRNSV SD-25591-01--TESTS USING MTF

◆	218-172-501 (13/1)	A	CONT, FLS GRD & BAT. TESTS OF TIC AND ICK	TT	-----
◆		B	CHECK COMPL & NONCOMPL FOR AREA CODES	TT	-----
◆		C	TRANSFER OF START LEAD FROM TRNSV CONN	TT	-----
◆		D	OBSERVING AND SECOND TRIAL FEATURES	TT	-----
◆		E	RECORDER MAKE-BUSY FEATURE	TT	-----
◆		F	RECORDER TROUBLE FEATURE	TT	-----
◆		G	TRANSLATOR MAKE-BUSY FEATURE	TT	-----
◆		H	TRNSL OVFL--1000-LINES TRNSL ONLY	TT	-----
◆		I	TRANSLATOR DOUBLE CONNECTOR FEATURE	TT	-----
◆		J	TBL DET FOR GRD, BAT., AND CROSSES	TT	-----
◆		K	TRNSL SEL & DIR NO. REG RLS	TT	-----
◆		L	CONTROL DIGIT TRANSLATION	TT	-----
◆		M	TWO- OR FOUR-WIRE TANDEM CALL	TT	-----
◆		M.1	TWO WIRE TDM CALL-INC CLASS OR SOURCE INDEX IDENT	TT	-----
◆		N	TWO- TO FOUR-WIRE CROSSOVER CALL	TT	-----
◆		O	DELETED	TT	-----
◆		P	CANCEL 2-WIRE RECORD	TT	-----
◆		Q	CANCEL 4-WIRE RECORD	TT	-----
◆		R	FORCED 4-WIRE RECORD	TT	-----
◆		S	CHECK LOC AREA INDICES USING 4-WIRE ENTRIES	TT	-----
◆		T	TRAFFIC SAMPLING	TT	-----
◆		U	INFORMATION CODE 411	TT	-----
◆		V	CONTINUITY CHECK	TT	-----
◆		W	TBL DETECTING FOR FALSELY OPERATED 2L RELAY	TT	-----
◆		X	WIDEBAND CALL INDICATION	TT	-----
◆		Y	CLASS OF CALL INDEX 6 AND 8	TT	-----
◆		Z	TROUBLE ENTRY RECORD	TT	-----
◆		AA	INITIAL DATAPHONE 50 CLASS OF CALL INDEX	TT	-----
◆		AB	ANI FEATURES OF COMBINED TRNSV. SD-25591-01	TT	-----
◆		AC	OFFICE INDEX IDENT--ANI MODE	TT	-----
◆		AD	DIRECTORY ASSISTANCE CHARGING	TT	-----
◆		AE	REGULAR TEST	TT	-----

## LAMA TRNSV SD-25591-01 MISC TESTS USING MTF

	218-172-503 (9/0)	A	TBL DET FOR GRD, BAT., & CROSSES	TT	-----
		E	CONDENSER TIMED TIME-OUT FEATURE	TT	-----
		F	ALL-TRANSVERTERS-BUSY ALARM	TT	-----

## LAMA TRNSV SD-27809-01 AMA MAGNETIC TAPE RECORDING TESTS USING MTF

	218-173-501 (4/0)	A	REG AND EM TRUNK CONTROL SEIZURE	TT	-----
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218-173-501 (4/0)	B	TRK CONT MB FEATURE	TT	-----
	C	CALL THROUGH TO RECORDING SYSTEM	TT	-----
	D	OUTPUT LEAD INTEGRITY CHECK	TT	-----
	E	MESSAGE UNIT ENTRY	TT	-----
	F	MESSAGE UNIT DETAILED ENTRY	TT	-----
	G	SPECIAL CALLS	TT	-----
	H	DETAILED BILL--MESSAGE UNIT CALL	TT	-----
	I	LAMA TRANSLATOR MB FEATURE	TT	-----
	J	TRNSL SEL AND DIR NO. REG RELS	TT	-----
	K	TRNS OF OI AND FOUR NAMES INTO A 7-DIG. DIR NO.	TT	-----
	L	PBX-AIOD TRNSL MB AND NO STA NO. AVAILABLE	TT	-----
	M	TRF OF ST LEAD FROM TVC	TT	-----
	N	RCDR TBL FEATURE AND SECOND TRIAL CALLS FREE	TT	-----
	O	FALSE GRD ON TRK TC LEAD	TT	-----
	P	TROUBLE RELEASE--MTFC BUSY	TT	-----
	Q	RCDR CHAN NOT AVAILABLE FOR TEST CALL	TT	-----
	R	SECOND TRIAL FEATURES--ANI	TT	-----
	S	DIGIT REGISTRATION CHECK RELAYS--ANI	TT	-----
	T	TRUNK CONTROL, TRANSLATOR SERVICE BUSY TRANSLATOR CUT-IN CHECK FEATURES	TT	-----
<b>TRNSV SD-26161-01 MISC TESTS</b>				
218-737-501 (5/0)	D	TROUBLE DETECTION OF FALSE GROUNDS	TT	-----
	E	ALL TRANSVERTERS BUSY ALARMS	TT	-----
<b>PCTV SD-28085-01 TESTS USING THE MTF</b>				
218-798-502 (1/1)	C	SECOND TRIAL	TT	-----
	E	MAKE BUSY OVERRIDE	TT	-----
	G	ALL PCTV BUSY ALARM	TT	-----
	H	LEAD VERIFICATION	TT	-----
<b>LAMA TRANSVERTER SD-27809-01 AMA MAGNETIC TAPE RECORDING MISCELLANEOUS TESTS</b>				
218-173-502 (2/0)	A	STANDING TEST CROSS DETECTION	TT	-----
	B	REGISTRATION ERROR CHECK	TT	-----
	C	TRANSLATOR CROSS-DETECTION FEATURES	TT	-----
	D	TRUNK CONTROL CROSS-DETECTION FEATURES	TT	-----
	E	SENDER REGISTRATION ERROR--ANI	TT	-----
	F	RECORDING PROGRESSION CHECK	TT	-----
	K	ALL-TRANSVERTERS-BUSY ALARM	TT	-----
<b>TRNSV SD-26010-01 TESTS USING MTF</b>				
218-178-501 (8/0)	A	REGULAR CALL	TT	-----
	B	FREE CALL	TT	-----
	C	DENIED CODE	TT	-----

◆	218-178-501 (8/0)	D	VACANT CODE	TT	-----
◆		E	REORDER POSITION	TT	-----
◆		F	TIC AND ICK LEAD TESTS	TT	-----
◆		G	START LEAD TRANSFER	TT	-----
◆		H	OBSERVING AND SECOND TRIAL	TT	-----
◆		I	RECORDER MAKE-BUSY AND TROUBLE FEATURES	TT	-----
◆		J	TBL DET OF GRD, BAT., & CROSSES	TT	-----
◆		K	SENDER REQUESTS TROUBLE RECORD	TT	-----
◆		L	AUTOMATIC IDENTIFICATION FAILURE	TT	-----
◆		M	SUSPENSION FEATURE	TT	-----
◆		N	SUSPENSION	TT	-----
◆		O	INFO CODE--LOCAL & FOR. AREAS (411 & NPA411)	TT	-----
◆		P	PERFORATOR LEADS TO TRANSVERTERS	TT	-----
◆		Q	TROUBLE ENTRY RECORD	TT	-----
◆		R	DIRECTORY ASSISTANCE CHARGING	TT	-----

## TRNSV SD-26010-01 MISC TESTS

	218-178-503 (3/0)	E	CAPACITOR TIMING	TT	-----
		F	TROUBLE DETECTION OF FALSE GROUNDS	TT	-----
		G	ALL-TRANSVERTERS-BUSY ALARM	TT	-----

## 5.10 AMA-ANI; CAMA POS LINK (SD-26047-01)

## FOR ALL UNITS

	218-182-501 (5/0)	K	TIMING CHAIN ALARMS	MW 12M	-----
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## TROUBLE TESTS

	218-182-501 (5/0)	A	POS AVAIL.--CALL FROM CAMA SDR IN SUBGRP A	TT	-----
		B	POS TIMING--CAMA SDR IN SUBGRP A	TT	-----
		C	CAMA SDR SUBGROUP PREF--CALL TO EVEN NO. POS	TT	-----
		D	POS AVAIL.--CALL FROM CAMA SDR IN SUBGRP B	TT	-----
		E	POS TIMING--CALL FROM CAMA SDR IN SUBGRP B	TT	-----
		F	CAMA SDR SUBGRP PREF--CALL TO ODD POS	TT	-----
		G	POSITION REORDER	TT	-----
		H	POSITION DISCONNECT	TT	-----
		I	POSITION ORDER TONE	TT	-----
		J	POSITION BUSY	TT	-----
		L	ALTERNATE SUBGROUP PREFERENCE - SUBGROUP A	TT	-----
		M	ALTERNATE SUBGROUP PREFERENCE - SUBGROUP B	TT	-----

## 5.11 AMA-ANI; CAMA SENDER (SD-26056-01)

## FOR ALL UNITS

	218-180-501 (6/0)	A	REGULAR CALL	MW 12M	-----
		H	INTERDIGITAL TIMING	MR 12M	-----
		J	CANCEL TIMED RELEASE AND ALARMS	MR 24M	-----

## OPTIONAL FEATURES

DIRECTORY ASSISTANCE CHARGING

218-180-501 (6/0)	S	DIRECTORY ASSISTANCE CHARGING	MW 24M	-----
TROUBLE TESTS				
218-180-501 (6/0)	B	ABANDONED CALL	TT	-----
	C	POSITION RESET	TT	-----
	D	POSITION REORDER	TT	-----
	E	POS RLS & REORDER TO SECOND USAGE MKR	TT	-----
	F	REORDER FROM FIRST USAGE MARKER	TT	-----
	G	NONWORKING TERM. CODE TREATMENT	TT	-----
	I	TIMING	TT	-----
	K	CAMA SUSPENSION	TT	-----
	L	TRANSLATION FEATURE FOR CAMA JCTR CALLS	TT	-----
	M	SENDER BUSY	TT	-----
	N	AI CALL--IDENTIFICATION SUCCESSFUL	TT	-----
	O	AI CALL--IDENTIFICATION NOT POSSIBLE	TT	-----
	P	AI CALL--IDENTIFICATION FAILURE	TT	-----
	Q	DIGIT REG CHECK FROM CAMA POSITION	TT	-----
	R	INTERCHANGEABLE CODES & NPA-411 INFO CODES	TT	-----

5.12 AMA-ANI; CAMA BILLING IND

FOR ALL UNITS

218-181-501 (5/0)	M	TIMING TEST	MW 12M	-----
TROUBLE TESTS				
218-181-501 (5/0)	A	REGULAR CALL	TT	-----
	B	FREE CALL	TT	-----
	C	DENIED CODE	TT	-----
	D	VACANT TERMINATING CODE	TT	-----
	E	RECORDER GRP CHECK FAILURE	TT	-----
	F	MATCH CHECK OF OFFICE CODES	TT	-----
	G	VACANT ORIGINATING CODES	TT	-----
	H	TERMINATING AREA CROSS TEST	TT	-----
	I	FALSE AREA CODE	TT	-----
	J	VACANT RATE CLASS	TT	-----
	K	OPERATOR ERROR	TT	-----
	L	TROUBLE DETECTION OF FALSE GROUNDS	TT	-----
	N	TRANSVERTER PREFERENCE	TT	-----
	O	FORCED FOUR-LINE ENTRY	TT	-----
	P	FAULTY TRUNK IDENTIFICATION	TT	-----
	Q	INFO CODE--HOME & FOR. AREA (411 & NPA411)	TT	-----
	R	DIRECTORY ASSISTANCE CHARGING	TT	-----

5.13 AMA-ANI; CAMA IE PEG CNT

FOR ALL UNITS

218-187-501 (2/0) 1.01 PEG COUNT REG ARR TO COUNT NO. OF CAMA IE MW 12M -----  
 5.14 AMA-ANI; TRUNK CONTROL CKT MAG TAPE (SD-94810-01)

## FOR ALL UNITS

218-175-501 (4/0) A REGULAR TRUNK CONTROL \* MANUAL AND AUTOMATIC TRANSFER FEATURES MW 6M -----  
 H REGULAR TRUNK CONTROL \* OVERALL AND PROGRESSION TIMING CHECK MW 12M -----  
 K DELETED MW 12M -----  
 S EMERGENCY TRUNK CONTROL \* OVERALL AND PROGRESSION TIMING CHECK MW 12M -----  
 U DELETED MW 12M -----

## TROUBLE TESTS

218-175-501 (4/0) B TRANSVERTER PREFERENCE RELAYS--OPERATION AND LOCKOUT TT -----  
 C INITIAL ENTRY TT -----  
 D REGULAR TIMING AND TIMED--DISCONNECT ENTRY TT -----  
 E OUTPUT LEAD INTEGRITY CHECK TT -----  
 F TROUBLE CROSS-DETECTING FEATURES--TCO, XTC1, ST, SP, BT, TK, XTN, XU, BU LEADS TT -----  
 G RECORDER TROUBLE FEATURE TT -----  
 I ALTERNATE BATTERY SUPPLY FOR MBJ, CH RELAYS TT -----  
 J RECORDER CHANNEL NOT AVAILABLE FOR TEST CALL TT -----

## EMERGENCY TRUNK CONTROL

218-175-501 (4/0) L MAKE-BUSY FEATURES TT -----  
 M TRANSVERTER PREFERENCE RELAYS--OPERATION AND LOCKOUT TT -----  
 N INITIAL ENTRY TT -----  
 O REGULAR TIMING AND TIMED-DISCONNECT ENTRY TT -----  
 P OUTPUT LEAD INTEGRITY CHECK TT -----  
 Q TROUBLE CROSS-DETECTING FEATURES--TCO, XTC1, ST, SP, BT, TK, XTN, XU, BU LEADS TT -----  
 R RECORDER TROUBLE FEATURE TT -----  
 T ALTERNATE BATTERY SUPPLY FOR TRANSFER CIRCUIT TT -----

5.15 AMA-ANI; TRNS & MAKE BUSY MAG TPE (SD-94806-01)

## FOR ALL UNITS

218-734-502 (4/0) A TRANSVERTER START-BINARY TROUBLE COUNTER MW 12M -----  
 B TRUNK CONTROL START-BINARY TROUBLE COUNTER MW 12M -----  
 C TRANSVERTER COUNTER RELEASE MW 12M -----  
 D TRUNK CONTROL COUNTER RELEASE MW 12M -----  
 E RECORDER TRANSFER-ALL CHANNELS BUSY MW 12M -----  
 F RECORDER TRANSFER-TWO DATA FEATURES MW 12M -----  
 G SUSPENSION OF AMA FUNCTIONS ON 2ND TRIAL TOLL FEATURES MW 12M -----  
 H FUSE ALARMS MW 12M -----  
 I TRANSVERTER TIMEOUT MONITOR MW 12M -----

218-734-502 (4/0)	J	TRUNK CONTROL TIMEOUT MONITOR	MW 12M	-----
TROUBLE TESTS				
218-734-502 (4/0)	K	-TVC AND -TCC LEAD INTEGRITY CHECK	TT	-----
5.16 AMA-ANI; COMB PCTV-SDR TST				
AUTOMATIC MONITOR PROVIDED				
FOR ALL UNITS				
218-798-503 (1/1)	A	PCTV SEIZURE AND RELEASE	MW 12M	-----
	D	COMBINED ANI--AIOD TESTS	MW 12M	-----
	E	OVERALL TIMING	MW 12M	-----
AUTOMATIC MONITOR NOT PROVIDED				
FOR ALL UNITS				
218-798-504 (1/1)	A	PCTV SEIZURE AND RELEASE	MW 12M	-----
	D	COMBINED ANI-AIOD TESTS	MW 12M	-----
	E	OVERALL TIMING	MW 12M	-----
TROUBLE TESTS				
218-798-503 (1/1)	B	SECOND TRIAL	TT	-----
	C	LEAD VERIFICATION	TT	-----
218-798-504 (1/1)	B	SECOND TRIAL	TT	-----
	C	LEAD VERIFICATION	TT	-----
5.17 AMA-ANI; PBX-AIOD--LAMA-C				
FOR ALL UNITS				
218-798-501 (1/0)	A	SHORT LOOP TEST	MW 12M	-----
	C	TIMING TEST	MW 12M	-----
	G	PERFERENCE CHAIN TRANSFER AND ALARM	MW 12M	-----
TROUBLE TESTS				
218-798-501 (1/0)	B	LONG LOOP TEST	TT	-----
	D	LEAD VERIFICATION	TT	-----
	E	PABCC MAKE-BUSY	TT	-----
	F	TRANSLATOR MAKE-BUSY	TT	-----
	H	TB LEAD GROUND DETECTION	TT	-----
	I	OVERLAP	TT	-----
PBX-AIOD TESTS-LAMA-C				
218-798-501 (1/0)	B	LONG LOOP TEST	TT	-----
	D	LEAD VERIFICATION	TT	-----
	E	PABCC MAKE BUSY	TT	-----
	F	TRNSL MAKE BUSY	TT	-----
	H	TB LEAD GRD DETECTION	TT	-----
	I	OVERLAP	TT	-----
5.18 AMA-ANI; MISC. CAMA				
TROUBLE TESTS				
CAMA SUSPENSION CIRCUIT--TESTS				

218-186-501	(3/0)	A	SUSPENSION	TT	-----
		B	SUSPENSION CHECK	TT	-----
		C	MAJOR ALARM	TT	-----
		D	FOREIGN BATTERY OR GROUND	TT	-----
		E	POWER FAILURE ALARM	TT	-----

## CAMA CALLS-WAITING SIGNAL CIRCUIT--TESTS

218-188-501	(3/0)	A	ONE OR MORE CALLS-WAITING SIGNALS	TT	-----
		B	FOUR OR SIX CALLS-WAITING SIGNALS	TT	-----

## CAMA LINE OBSERVING NUMBER MATCHING CKT

218-189-501	(1/0)	A	REGULAR CALL--NONOBSERVED	TT	-----
		B	REGULAR CALL--OBSERVED	TT	-----
		C	REGISTRATION ERROR	TT	-----
		D	TRANSVERTER PREFERENCES	TT	-----

## 5.19 AMA-ANI; ANI TRNSV

## TROUBLE TESTS

## ANI TRNSV SD-26161-01 TESTS USING MTF

218-192-501	(4/2)	A	TRANSFER OF START LEAD FROM TRNSV-CONN	TT	-----
		B	SECOND TRIAL FEATURE	TT	-----
		C	TRANSLATOR MAKE-BUSY FEATURE	TT	-----
		D	TROUBLE DETECTING FEATURES FOR CROSSES	TT	-----
		E	TRANSLATOR SEL & DIRECTORY NUMBER REG REL	TT	-----
		F	MATCH AND NO-MATCH FEATURE	TT	-----

## 5.20 AMA-ANI; TRNSL LINE VERIF

## TROUBLE TESTS

## AMA OR ANI TRNSL LINE VERIF

218-727-501	(4/0)	A	TRNSL CROSS-CONN VERIF--ALL LINE LOC	TT	-----
		B	TRNSL CROSS-CONN VERIF--TEST OF DESIRED LINES	TT	-----
		C	TRNSL CROSS-CONN VERIF--SINGLE LINE	TT	-----
		D	TRNSL CROSS-CONN VERIF OF DES LINES WITH LP DISP	TT	-----
		E	TRNSL CROSS-CONNECTION VERIF TEST OF ALL LOCATIONS USING TROUBLE INDICATOR	TT	-----
		F	TRNSL CROSS-CONNECTION VERIF TEST OF DESIRED LINES USING TROUBLE INDICATOR	TT	-----
		G	TRANSLATOR CROSS-CONNECTION VERIFICATION TEST OF A SINGLE LINE USING TBL INDICATOR	TT	-----