

EQUIPMENT TEST LIST
DECODERS AND CARD TRANSLATORS
NO. 4A AND 4M TOLL SWITCHING 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 ETL is reissued to incorporate changes in paragraphs 1.1 and 1.2. An arrow has been placed 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

1.0 DCDR-CRD TRNSLTR

1.1 DCDR-CRD TRNSLTR; DECODER

FOR ALL UNITS

212-115-501 (5/1)	BE	WORK TIMING	MW 12M	-----
	BF	MARKER DELAY TIMING	MW 12M	-----
	BG	TRUNK BLOCK DELAY TIMING	MW 12M	-----
	BI	TROUBLE RECORDER TIMING	MW 12M	-----
	BJ	OVER-ALL TIMING	MW 12M	-----
212-115-502 (6/0)	C	ALL DECODERS BUSY-TIMING CONTROL	MW 12M	-----
212-330-501 (9/0)	C	DECODER	MW 12M	-----

OPTIONAL FEATURES

> FOREIGN AREA TRANSLATOR

212-115-501 (5/1)	GH	FOREIGN TRANSLATOR DELAY TIMING	MW 12M	-----
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CAMA

212-115-501 (5/1)	BW	TRUNK CLASS TRNSL TBL TMG (CAMA ONLY)	MW 12M	-----
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TROUBLE TESTS

>	212-115-501 (5/1)	A	PRETRANSLATION--COME AGAIN 4	TT	-----
>		B	PRETRANSLATION--COME AGAIN 5	TT	-----
>		C	PRETRANSLATION--COME AGAIN 6	TT	-----
>		D	PRETRANSLATION--CANCELED OR NOT PROVIDED	TT	-----
>		E	SELECTION OF A TC MKR (2 TRAIN OFFICE)	TT	-----
>		F	SELECTION OF IT MKR (2 TRAIN OFFICE)	TT	-----
>		G	MISMATCH DURING MRK SEL (2 TRAIN OFFICE)	TT	-----
>		H	THREE DIGIT TRANSLATION	TT	-----
>		I	SIX DIGIT TRNSL--6D	TT	-----
>		J	SIX DIGIT TRNSL--6DA PRETRNSL PROV	TT	-----
>		K	SIX DIGIT TRNSL IN PAIRED FAT.	TT	-----
>		L	SIX DIGIT TRNSL IN FOREIGN TRANSLATORS	TT	-----
>		M	SIX DIGIT TRNSL IN HOME TRANSLATOR	TT	-----
>		N	TAS1, TAS2, OR TAS3 OVERSEAS DIALING	TT	-----
>		P	6D CARD NOT PROVIDED--PCR AVAILABLE	TT	-----
>		Q	FOREIGN TRANSLATOR PLUGGED BSY--PCR	TT	-----
>		R	PAIRED FOREIGN TRNSL PLUGGED BSY--PCR	TT	-----
>		S	PAIRED FOREIGN TRNSL PEF--NPCR	TT	-----
>		T	PCR ON 2ND TRIAL CALLS	TT	-----
>		U	3D CD FAILS 1ST TRIAL--RBCR KEY AT TBL REC NOR.	TT	-----
>		V	3D CD FAILS ON 1ST TRIAL--RBCR KEY OPR	TT	-----
>		W	6D CARD FAILS TO DROP ON 1ST--NPCR	TT	-----
>		X	CD DROPS 2ND TRIAL AFTER 1ST TRIAL CD FAILURE	TT	-----
>		Y	CARD FAILS ON 2ND TR AFTER 1ST TR CD FAIL--NO BCR	TT	-----

>	212-115-501 (5/1)	Z	CD FAILS TO DP ON 2ND TR AFT 1ST TR CD WITH BCR	TT	-----
>		AA	SIG INC SDR, SIX-DIGIT TRNSL	TT	-----
>		AB	PREF SIGNAL TO MARKER	TT	-----
>		AC	MARKER PREF--1ST & 2ND TRIAL	TT	-----
>		AD	RO SIG FROM INC SDR OR DR CONN NO RSR KEY	TT	-----
>		AE	TRUNK BLOCK CONNECTOR TENS RELAY FAILURE	TT	-----
>		AF	FAIL TO REG LOC OF INC TRK (2 TRAIN OFF.)	TT	-----
>		AG	FOLLOW WITH OVERFLOW SIGNAL TO MKR	TT	-----
>		AH	FOLLOW WITH REORDER SIGNAL TO MKR	TT	-----
>		AI	FOLLOW WITH 2ND TRIAL SIGNAL TO MKR	TT	-----
>		AJ	FOLLOW WITH MASTER--BSY SIG TO MKR	TT	-----
>		AK	HOLD SIGNAL TO MARKER	TT	-----
>		AL	OVER REGISTRATION ON CODE DIGITS	TT	-----
>		AM	CODE CONVERSION SIGNAL TO MARKER	TT	-----
>		AN	CODE MATCHING--AR CARD	TT	-----
>		AO	MISMATCH--AR CARD CODE	TT	-----
>		AP	PREFIX THE HOME AREA CODE	TT	-----
>		AQ	ALTERNATE ROUTING WITHIN HOME AREA	TT	-----
>		AR	CHG TYPE OF MKR WHEN RTE ADV (2-TRAIN OFFICE)	TT	-----
>		AS	MISMATCH CHANGING TYPE OF MKR (2-TRAIN OFFICE)	TT	-----
>		AT	RTE ADV WITH CC ROUTING INSTRUCTION	TT	-----
>		AU	ROUTE ADV WITH CC AND CR RTG INSTRUCTION	TT	-----
>		AW	INTERCHANGEABLE CODE USAGE	TT	-----
>		AX	ROUTE ADVANCE--CHAIN LEAD METHOD	TT	-----
>		AY	ROUTE ADVANCE--THROUGH GROUND SUPPLIES	TT	-----
>		AZ	RTE REL ADV & ALT RTE TR CONT--RR OPR	TT	-----
>		BA	RTE REL ADV & ALT RTE TR CONT--CR OPR	TT	-----
>		BB	FAILURE OF ONE INDEX CHANNEL	TT	-----
>		BC	ROUTE TRANSFER	TT	-----
>		BD	USING EMERGENCY CARD TRNSL	TT	-----
>		BK	SENDER REQUEST TROUBLE RECORDER	TT	-----
>		BL	REORD SIG FROM INC SDR OR DR CONN RSR KEY OPR	TT	-----
>		BM	PR REORD SIG FROM INC SDR NO. RPRO KEY	TT	-----
>		BN	PR REORD SIG FROM INC SDR RPRO KEY OPR	TT	-----
>		BO	LCI FROM INC CAMA SDR	TT	-----
>		BP	UNAUTH CAMA RTE SIG FROM THE INC CAMA SDR	TT	-----
>		BQ	UNAUTH CODE RTE SIG FROM CD TRANS (CAMA)	TT	-----
>		BR	7 DIG. CAMA ADJ AREA 1 TO ADJ AREA 1	TT	-----
>		BS	7 DIG. CAMA ADJ AREA 2 TO ADJ AREA 1	TT	-----
>		BT	7 DIG. CAMA HOME AREA 0 TO HOME AREA 0	TT	-----

SECTION 212-001-011

>	212-115-501 (5/1)	BU	10 DIG. CAMA HOME OR ADJ AREAS TO HOME AREA	TT	-----
>		BV	OPR TEST OF TC TRNSL XCL RELAY (CAMA ONLY)	TT	-----
>		BX	INWATS CAMA ORIG SCREENING	TT	-----
>		BY	INWATS TERMINAL SCREENING	TT	-----
>		BZ	TST FOR CAMA ANI FAILURE-ANF SIG FROM CAMA SDR AUX RCDR	TT	-----
>		CA	RETRIAL SIG FROM INC SDR-TBL RCD REQ	TT	-----
>		CB	RETRIAL SIG FROM INC SDR-TBL RCD NOT REQ	TT	-----
>		CC	REORDER SIG FROM THE INC SDR-TBL RCD REQ (AUX RCDR)	TT	-----
>	212-115-502 (6/1)	A	TROUBLE DETECTION	TT	-----
>		B	MAKE-BUSY	TT	-----
>		D	CHK OF OPR PATHS OF WORK TIMING RELAYS SWT AND RYT	TT	-----
>		E	CHECK OF OPR PATHS OF TRK BLK DEL TIMING RELAY TBD	TT	-----
>		F	CHK OF OPR PATHS OF FTD TIMING RELAY	TT	-----
>		G	CHK OF OPR PATHS OF MKR BSY TMG MD	TT	-----
>		H	DELAY TIMING RELAYS LOCKING PATHS	TT	-----
>		I	OUTPUT CHANNEL RELAYS--LOCKING FEATURE	TT	-----
>		J	CIRCUIT BUSY ANNOUNCEMENT FEATURE	TT	-----
>		K	CHK OF OPR PATH OF TRK CL CHK REL CLK	TT	-----
>		L	DUAL VOLTAGE OPERATION	TT	-----
>		M	ISOLATION DIODES	TT	-----

1.2 DCDR-CRD TRNSLTR; CARD TRANSLATOR

FOR ALL UNITS

>	212-120-501 (4/2)	D	TRANSLATOR OPERATING TIME	MW 24M	-----
>		E	LATCH OPERATING TIME	MW 24M	-----
>		F	LATCH RELEASING TIME	MW 24M	-----
>		G	CARD OPERATING TIME	MW 24M	-----
>		H	CODE BAR OPERATING TIME	MW 24M	-----
>		I	CODE & CARD SUPPORT BAR PULSING	MW 24M	-----
>		J	CYCLING TIME	MW 24M	-----
>		K	CURRENT FLOW TEST FOR PD MAGNETS	MW 24M	-----
>		L	LATCH OPERATING TIME	MW 24M	-----
>		M	LATCH RELEASE TIME	MW 24M	-----
>		N	CODE & CARD SUPPORT BAR OPR TIME	MW 24M	-----
>		O	CODE & CARD SUPPORT BAR REL TIME	MW 24M	-----
>	212-120-502 (5/1)	J	EMERGENCY AC ALARM	MW 24M	-----
>		M	MULTIPLE USE ALARM-EMG TRNSL	MW 24M	-----
>	212-330-501 (9/0)	F	CARD TRANSLATOR	MW 24M	-----

OPTIONAL FEATURES

>	PAIRED FOREIGN AREA TRANSLATORS				
>	212-120-502	(5/1)	L	PLUGGED BUSY-PAIRED FAT.	MW 24M -----
	TROUBLE TESTS				
	212-120-501	(4/2)	A	OPERATION TEST--HOME TRNSL	TT -----
			B	OPERATION TEST--FOREIGN TRNSL	TT -----
			C	OPERATION TEST--EMERG TRNSL	TT -----
	212-120-502	(5/1)	A	OPR TEST--HOME TRNSL	TT -----
			B	OPR TEST--FOREIGN TRNSL	TT -----
			C	OPR TST--EMER TRNSL	TT -----
			D	TRNSL VERIFIFICATION--NPCR CARD	TT -----
			E	TRNSL VERIFICATION OF 3D-RA CARD	TT -----
			F	TRNSL VERIFICATION OF 6D PNC & RA	TT -----
			G	TRNSL VERIFICATION OF AR CARDS	TT -----
			H	TRNSL VERIFICATION--PCR	TT -----
			I	OUTPUT CHANNEL	TT -----
			K	MAKE BUSY	TT -----
			N	OVERREGISTRATION OF CODE DIGITS	TT -----
			O	OPERATION OVERLAP	TT -----
			P	OFF-NORMAL ALARM	TT -----
			Q	SELECTOR REPLACEMENT	TT -----
			R	CODE BAR RELAY LOCKING PATH--HOME & EMER	TT -----
			S	TRANSLATOR OPERATING TIME	TT -----
			T	TRANSLATOR OPR TIME	TT -----
			U	LATCH OPERATING TIME	TT -----
			V	CARD OPERATING TIME	TT -----
			W	LATCH RELEASE TIME	TT -----
			X	CODE BAR OPR TIME	TT -----
			Y	ARC RELAY LOCKING PATH	TT -----
			Z	AUTOMATIC RESTORAL OF CARD	TT -----
			AA	AMPLIFIER OUTPUT FOR INDEX CHAN	TT -----
			AB	PHOTO DETR OUTPUT VOLTAGE FOR SIG CHAN	TT -----
			AC	PHOTO DETR OUTPUT VOLTAGE FOR INDEX CHAN	TT -----
			AD	AMPLIFIER OUTPUT VOLTAGE--SIG CHAN	TT -----