

EQUIPMENT TEST LIST
TRAFFIC ADMINISTRATION CIRCUITS
NO. 4A AND 4M TOLL SWITCHING SYSTEMS

	CONTENTS	PAGE	
1. GENERAL	1	1.02 This ETL is reissued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.
4.1 TRAFFIC REGISTER	2	1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.
4.2 PLANT REGISTER	5	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. GENERAL			1.05 Section 010-300-011 provides Equipment Test List instructions.
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.		

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

4.0 TRAFFIC ADM CKT

4.1 TRAFFIC ADM CKT; TRAFFIC REGISTER

SELECT ONLY ONE CATEGORY

MARKER REGISTERS

212-340-501	(7/0)	N	PC-MARKERS	MW	12M	-----
-------------	-------	---	------------	----	-----	-------

DECODER REGISTERS

212-340-501	(7/0)	T	PC-DECODER	MW	12M	-----
-------------	-------	---	------------	----	-----	-------

DP MFP & CAMA SENDER REGISTERS

212-340-501	(7/0)	U	PC-DP MFP OR CAMA SENDERS	MW	12M	-----
-------------	-------	---	---------------------------	----	-----	-------

OG RP & SXS SENDER REGISTERS

212-340-501	(7/0)	X	PC-OG RP SDR & SXS SDR	MW	12M	-----
-------------	-------	---	------------------------	----	-----	-------

TRANSVERTER REGISTERS

212-340-501	(7/0)	AC	PC-TRANSVERTER	MW	12M	-----
-------------	-------	----	----------------	----	-----	-------

		CB	PC-TRANSVERTER	MW	12M	-----
--	--	----	----------------	----	-----	-------

FREE CALLS ON BULK BILLED ACCOUNT REGISTERS

212-340-501	(7/0)	AD	PC-FREE CALLS ON BULK BILLED ACCT	MW	12M	-----
-------------	-------	----	-----------------------------------	----	-----	-------

		CC	PC-FREE CALLS ON BULK BILLED ACCT	MW	12M	-----
--	--	----	-----------------------------------	----	-----	-------

INC REG SEIZURE REGISTERS

212-340-501	(7/0)	AG	PC-INC REG SEIZURE	MW	12M	-----
-------------	-------	----	--------------------	----	-----	-------

		CF	PC-INC REG SEIZURE	MW	12M	-----
--	--	----	--------------------	----	-----	-------

CAMA RECORDER REGISTER

212-340-501	(7/0)	AZ	PC CAMA RECORDER	MW	12M	-----
-------------	-------	----	------------------	----	-----	-------

TROUBLE TESTS

212-203-501	(6/0)	A	INTEGRITY TROUBLE ALARMS	TT		-----
-------------	-------	---	--------------------------	----	--	-------

		B	CONTINUITY LEADS THROUGH SCAN SWITCHES	TT		-----
--	--	---	--	----	--	-------

		C	VERIFICATION OF REGISTER ASSIGNMENT	TT		-----
--	--	---	-------------------------------------	----	--	-------

		D	VERIFICATION OF REGISTER GROUPING	TT		-----
--	--	---	-----------------------------------	----	--	-------

		E	TEST OF CUMULATIVE DELAY ALARM	TT		-----
--	--	---	--------------------------------	----	--	-------

		F	SENDER CALL INITIATION TIMING	TT		-----
--	--	---	-------------------------------	----	--	-------

		G	TST OF MAN. ADV CROSSPOINTS & RECYCLE	TT		-----
--	--	---	---------------------------------------	----	--	-------

		H	TRUNK CIRCUIT TEST	TT		-----
--	--	---	--------------------	----	--	-------

		I	EXTENDED SCAN FEATURE	TT		-----
--	--	---	-----------------------	----	--	-------

		J	TEST FOR FALSE INDICATIONS OF SDR ATT DELAYS	TT		-----
--	--	---	--	----	--	-------

212-204-501	(5/0)	A	TEST OF SDR TRAFFIC CONT SSB-RELAYS	TT		-----
-------------	-------	---	-------------------------------------	----	--	-------

		B	TEST OF SDR TRAFFIC CONT CKT	TT		-----
--	--	---	------------------------------	----	--	-------

		C	TEST OF DELAY TIMER FOR INTERSENDER TMG CONT	TT		-----
--	--	---	--	----	--	-------

		D	ALMS FOR FALSE GROUND SGB, SGB0 & SGB1 LEADS	TT		-----
--	--	---	--	----	--	-------

		E	KEY FRAME BUSY ALARMS ASSOC WITH INC SDRS	TT		-----
--	--	---	---	----	--	-------

		F	KEY FRAME BUSY ALARMS ASSOC WITH OG SDRS	TT		-----
--	--	---	--	----	--	-------

		G	TST OF CW-RELAYS FROM THE SDR LK & CONN FR	TT		-----
--	--	---	--	----	--	-------

		H	CONTROLLER CONNECTOR LOCKOUT	TT		-----
--	--	---	------------------------------	----	--	-------

212-204-501 (5/0)	I	FALSE CONTINUITY OR CROSSES ON CL-RELAYS	TT	-----
	J	SENDER GROUP BUSY	TT	-----
212-340-501 (7/0)	A	FINAL REORDER, RO, NC, VC, MISROUTE NON-CAMA, UNAUTHORIZED CAMA CODE, SOA TRKS	TT	-----
	B	OVERFLOW REG FOR INC LINK & CONN	TT	-----
	C	OVERFLOW REG FOR OUTGOING LINK & CONN	TT	-----
	D	OF & PC-OGT GROUP-RR IN DECODER	TT	-----
	E	OF & PC-OGT GROUP	TT	-----
	F	GB TIME FOR SDR-NO SDR TRF CONT	TT	-----
	G	GB REG FOR INC TRKS (OTHER THAN IT)	TT	-----
	H	GB TIME REG FOR INC IT TRK CONC EQPT OG TRKS	TT	-----
	I	GB TIME DUR-SDRS TRAFFIC CONT PROV	TT	-----
	J	GB TIME DUR REG FOR OVERLOAD TMG INC SDRS	TT	-----
	K	PC-OG LINK FR & FRAME SUBGROUPS	TT	-----
	L	PC-INC LINK FRAME & FRAME SUBGROUPS	TT	-----
	M	PC REG-TRUNK BLOCK CONN	TT	-----
	O	PC REG-CLOCK CIRCUIT	TT	-----
	P	PC REG-LINK CONTROLLER	TT	-----
	Q	PC REG-REORDER TRUNK TIME ALARM	TT	-----
	R	PC REG ON THROUGH TRAFFIC	TT	-----
	S	PC FOR TRAFFIC SEPARATION	TT	-----
	V	PC FOR IT TRK CONC EQPT	TT	-----
	W	PC-SDR OVLD ANCMT TRKS	TT	-----
	Y	PC-CHAN L0, L5, R2 AND R7 SEIZURE	TT	-----
	Z	PC REG-CARD TRANSLATOR SEIZURE	TT	-----
	AA	PC REG-PRETRANSLATOR IN DECODER	TT	-----
	AB	PC REG-CARD READ BY MARKER	TT	-----
	AE	PC-MATCH CHECK IND IN TRANSVERTER	TT	-----
	AF	PC-BI ON WRONG CLG CODES OR VC	TT	-----
	AH	PC-CAMA POSITION	TT	-----
	AI	PC-6 DIG. CARD IN HOME OR EMER TRNSL	TT	-----
	AJ	PC REG-ANSWER TIME RECORD	TT	-----
	AK	DELAY REG-SENDER LINK	TT	-----
	AL	PART. DIAL REG-INC SENDER GROUP	TT	-----
	AM	SDR RETRIAL WITH AUTOMATIC LOCKOUT	TT	-----
	AN	PART. DIAL REG-OG SDR GROUP	TT	-----
	AO	PART. DIAL REG-INC REG GROUP	TT	-----
	AP	PERM SIG REG-INC SDR GROUP	TT	-----
	AQ	PERM SIG REG-INC REG GROUP	TT	-----
	AR	LOAD READINGS, INC LINK, OG LINK & SDR GRP	TT	-----
	AS	LOAD READING AMPERE MINUTE METER	TT	-----

◆	212-340-501 (1/0)	AT	CANCEL FOLLOW WITH 2ND TRIAL REGISTER	TT	---
◆		AU	TOTALIZING REGISTER	TT	---
◆		AV	PD-INSUFFICIENT DIG. SDR TO DECODER	TT	---
◆		AW	NO POS AVAILABLE	TT	---
◆		AX	INMATS-ROUTE REGISTER	TT	---
◆		AY	INMATS-NO ROUTE REGISTER	TT	---
◆		BA	OVERSEAS OG REG FOR OVERSEAS SDR	TT	---
◆		BB	INC OVERSEAS TRANSIT REG FOR OVERSEAS SDR	TT	---
◆		BC	INC OVERSEAS TEST REG FOR OVERSEAS SDR	TT	---
◆		BD	INC OVERSEAS CUSTOMER REG FOR OVERSEAS SDR	TT	---
◆		BE	INC OVERSEAS OPERATOR REG FOR OVERSEAS SDR	TT	---
◆		BF	FOLLOW WITH 2ND TRIAL ALL TRUNKS BUSY REGISTERS	TT	---
◆		BG	TRAFFIC CONTROL FOR SDR QUEUE ACTIVATION	TT	---
◆		BH	DIRECTIONAL RESERVATION PC AND TIME DURATION MULTIPLE SDR ATTACHMENT	TT	---
◆		CA	PC REG LINK CONTROLLER	TT	---
◆		CB	PG REG-LINK CONTROLLER	TT	---
◆		CD	PC-MATCH CHECK IND IN TRANSVERTER	TT	---
◆		CE	PC-BI ON WRONG CLG CODES OR VC	TT	---
◆		CG	PC-CAMA POSITION	TT	---
◆		CH	PART. DIAL REG-INC SENDER GROUP	TT	---
◆		CI	PART. DIAL REG-OG SDR GROUP	TT	---
◆		CJ	PART. DIAL REG-INC REG GROUP	TT	---
◆		CK	PERM SIG REG-INC SDR GROUP	TT	---
◆		CL	PERM SIG REG-INC REG GROUP	TT	---
◆		CM	NO POS AVAILABLE	TT	---
◆		CN	PEG COUNT FOR CAMA RECORDERS	TT	---
◆		CO	OVERSEAS OG REG FOR OVERSEAS SDR	TT	---
◆		CP	INC OVERSEAS TRANSIT REG FOR OVERSEAS SDR	TT	---
◆		CQ	INC OVERSEAS TEST REG FOR OVERSEAS SDR	TT	---
◆		CR	INC OVERSEAS CUST REG FOR OVERSEAS SDR	TT	---
◆		CS	INC OVERSEAS OPERATOR REG FOR OVERSEAS SDR	TT	---
◆		CT	TRAFFIC CONTROL FOR SDR QUEUE ACTIVATION REG	TT	---
◆		CU	DIRECTIONAL RESERVATION PEG AND TIME DURATION REG	TT	---
◆		CV	MULTIPLE SDR ATTACHMENT DELAY RECORDER REG	TT	---
◆		CW	PC REG FOR ANSWERING TIME RECORDER WITHOUT TRAFFIC WEIGHTING	TT	---
◆		CX	PC REG FOR ANSWERING TIME RECORDER WITH TRAFFIC WEIGHTING APPLIQUE CKT	TT	---
◆		CY	BILLING DATA TRANSMITTER LINE REG	TT	---
◆	212-401-501 (6/0)	A	DECODE QUEUE TIMERS	TT	---

212-401-501 (6/0)	B	SENDER QUEUE TIMERS	TT	-----
	C	FALSE GROUND OR BATTERY	TT	-----
	D	CALIBRATION CIRCUIT	TT	-----
	E	CD RELAY & SDR LOOP	TT	-----
	F	CANCEL SHORT SENDER TIMING	TT	-----
	G	CANCEL FOLLOW WITH 2ND TRIAL-ALL TRUNKS BUSY	TT	-----
	H	SENDER QUEUE INTERRUPTER	TT	-----
	I	SENDER START LOAD	TT	-----
	J	RC ALTERNATE ROUTE ALARMS	TT	-----
	K	CANCEL 1ST & 2ND TRIAL FAILURE	TT	-----
	L	CANCEL SHORT SENDER TIMING FAILURE	TT	-----
	M	ROUTE TRANSFER FAILURE	TT	-----
	N	RTE TRNSFR EXECUTE AND ECLUSION (EADAS)	TT	-----
212-403-501 (5/0)	A	EMER TRANSFER OF POWER SUPPLY	TT	-----
	B	SENDER QUEUE INDICATION	TT	-----
	C	FALSE GROUND OR BATTERY	TT	-----
CCIS PROVIDED (ONLY)				
212-401-501 (6/0)	O	CCIS SIGNALING DISPLAY	TT	-----
	P	CCIS SCAN POINT TESTING--SENDER QUEUE LOW AND HIGH	TT	-----

4.2 TRAFFIC ADM CKT; PLANT REGISTER

SELECT ONLY ONE CATEGORY

NON-PBC

212-342-501 (8/0)	A	DR (DT1) & (DT2) TBL RLS	MW 12M	-----
	B	DR CH (DT1) & (DT2) TBL RLS	MW 12M	-----
	C	MKR (IMT1, CTM1) & (IMT2, CMT2) TBL RLS	MW 12M	-----
	D	TROUBLE RECORDER ENTRY (TRE)	MW 12M	-----
	E	LINK CONTROLLER TROUBLE	MW 12M	-----
	F	POS LINK CONTROLLER TROUBLE	MW 12M	-----
	G	TVTR (TVTR1) & (TVTR2) TBL RLS	MW 12M	-----
	H	AMA RECORDER TROUBLE RLS	MW 12M	-----
	I	MASTER TIMER TROUBLE RLS	MW 12M	-----
	J	CALL COUNT PROCESS CONTROL REG	MW 12M	-----
	K	CAMA PEG LINK ALM TBL RLS	MW 12M	-----
	L	NON-CAMA REG LINK ALM TBL RLS	MW 12M	-----
	M	ANI FAILURE	MW 12M	-----
	N	NUMBER IDENT FAILURE	MW 12M	-----
	O	NO POS AVAIL & (AUXRC), CAMA OTHER	MW 12M	-----
	P	INC REG, STUCK REG	MW 12M	-----
	Q	INCOMING STUCK SENDER	MW 12M	-----
	R	STUCK OUTGOING SENDER	MW 12M	-----

212-342-501 (8/0)	S	SDR RETRIAL WITH AUTOMATIC LOCKOUT	MW 12M	-----
	T	PLS ERROR DP SDR	MW 12M	-----
	U	PLS ERROR MF SDR	MW 12M	-----
	V	MULTILATED DIGIT MF SDR	MW 12M	-----
	W	F1 AHEAD SX DIAL 4A NON-CAMA (AUXRC)	MW 12M	-----
	X	F1 AHEAD MF 4A NON-CAMA (AUXRC)	MW 12M	-----
	Y	F1 AHEAD MF 4M NON-CAMA (AUXRC)	MW 12M	-----
	Z	DPD SXD 4A NON-CAMA	MW 12M	-----
	AA	UXS SXD 4A	MW 12M	-----
	AB	EB OVERSEAS SDR (AUXRC)	MW 12M	-----
	AC	INCOMING OVERSEAS SCREENING (AUXRC)	MW 12M	-----
	AD	F1 AHEAD CAMA SDR (AUXRC)	MW 12M	-----
	AE	UXS 4M (AUXRC)	MW 12M	-----
	AF	PLS ERROR & RO DR CT OFF. (AUXRC)	MW 12M	-----
	AG	PLS ERROR & RO DR ET OFF. (AUXRC)	MW 12M	-----
	AH	VAC CODE CT OFF. (AUXRC)	MW 12M	-----
	AI	VAC CODE ET OFF. (AUXRC)	MW 12M	-----

PBC

212-342-501 (8/0)	BA	PERM SIG REG-INC SDR GRUP	MW 12M	-----
	BB	PART, DIGITS REG-INC SENDER GROUP	MW 12M	-----
	BC	PLS ERROR MF AND DP SDR	MW 12M	-----
	BD	MUTILATED DIGIT MF SDR	MW 12M	-----
	BE	CAMA OTHER	MW 12M	-----
	BF	SDR RETRIAL WITH AUTOMATIC LOCKOUT	MW 12M	-----
	BG	EB OVERSEAS SDR	MW 12M	-----
	BH	INCOMING OVERSAES SCREENING	MW 12M	-----
	BI	OVERSEAS OG REG FOR OVERSEAS SDR	MW 12M	-----
	BJ	INC OVERSEAS TRANSIT REG FOR OVERSEAS SDR	MW 12M	-----
	BK	INC OVERSEAS TEST REG FOR OVERSEAS SDR	MW 12M	-----
	BL	INC OVERSEAS CUST REG FOR OVERSEAS SDR	MW 12M	-----
	BM	INC OVERSEAS OPERATOR REG FOR OVERSEAS SDR	MW 12M	-----
	BO	PART, DIGITS REG-OG SDR GROUP	MW 12M	-----
	BP	OUTGOING STUCK SDR	MW 12M	-----
	BQ	PC-CAMA POSITION	MW 12M	-----
	BS	PERM SIG REG-INC REG GROUP	MW 12M	-----
	BT	PART, DIGITS REG-INC REG, GROUP	MW 12M	-----
	BU	INC REG STUCK REG	MW 12M	-----
	BV	ANF FAILURE	MW 12M	-----
	BW	NUMBER IDENT FAILURE	MW 12M	-----
	BX	PC-MATCH CHECK IND IN TRANSVERTER	MW 12M	-----
	BZ	PC-BI ON WRONG CLG CODES OR VD	MW 12M	-----

212-342-501 (8/0)	CA	NO POS AVAIL	MW 12M	-----
	CB	PC-CAMA POSITION	MW 12M	-----
	CC	LINK CONTROLLER TROUBLE	MW 12M	-----
	CD	DR CH (DT1) & (DT2) TBL RLS	MW 12M	-----
	CE	MKR (IMT1, CTM1) & (IMT2, CMT2) TBL RLS	MW 12M	-----
	CF	POS LINK CONTROLLER TROUBLE	MW 12M	-----
	CG	TVTR (TVTR1) & (TVTR2) TBL RLS	MW 12M	-----
	CH	AMA RECORDER TROUBLE RLS	MW 12M	-----
	CI	MASTER TIMING TROUBLE RLS	MW 12M	-----
	CJ	CALL COUNT PROCESS CONTROL REG	MW 12M	-----
	CK	CAMA REG LINK ALM TBL RLS	MW 12M	-----
	CL	MON-CAMA REG LINK ALM TBL RLS	MW 12M	-----