

EQUIPMENT TEST LIST
TRUNKS
AUTOMATIC CALL DISTRIBUTION
NO. 5 CROSSBAR SYSTEMS

	CONTENTS	PAGE
1.	GENERAL	1
4.1	POSITION	2
4.2	MISC	4
4.3	SD27830-01	5
4.4	SD27981-01	6
4.5	SD28040-01	6
4.6	SD-28048-01	7
4.7	SD-28042-01	8
4.8	SD-28043-01	8
4.9	SD-28044-01	8
4.10	SD-28045-01	8

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.

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 TRUNKS

4.1 TRUNKS; POSITION

♦ MTF

FOR ALL UNITS

♦	218-613-501 (5/0)	A	1-WAY 1004 HZ LOSS MEAS OF OGT CIRCUITS TO 102-TYPE TEST LINE	MW *	-----
♦		B	1-WAY CIRCUIT NOISE MEAS OF OGT CIRCUITS TO 100-TYPE TEST LINE	MW *	-----
♦		C	2-WAY 1004 HZ LOSS MEAS AND NOISE CHECK OF OGT CIRCUITS TO 104-TYPE TEST LINE	MW *	-----
♦		AA	1004 HZ LOSS MEAS TO AUX SVC POS OR SVC ASSISTANT POS	MW *	-----
♦		AA.1	1-WAY OR 2-WAY 1000 HZ LOSS MEAS OF OGT CKT	MW *	-----
♦		AB	FREQ RESP MEAS TO AUX SVC POS OR SERVICE ASSISTANT POS	MW *	-----
♦		AB.1	FREQ RESPONSE MEAS OF OGT CIRCUITS	MW *	-----
♦		AC	MSG CKT NOISE MEAS TO AUX SVC POS OR SVC ASSISTANT POS	MW *	-----
♦		AC.1	1-WAY OR 2-WAY MSG. CKT NOISE MEAS OF OGT CIRCUITS	MW *	-----

ACD TEST CKT

FOR ALL UNITS

♦	218-613-502 (2/1)	A	1-WAY 1004 HZ LOSS MEASMT OF OGT CIRCUITS TO 102-TYPE TEST LINE	MW *	-----
♦		B	1-WAY CKT NOISE MEASMT OF OGT CIRCUITS TO 100-TYPE TEST LINE	MW *	-----
♦		C	2-WAY 1004 HZ LOSS MEASMT AND NOISE CHECK OF OGT CIRCUITS TO 104-TYPE TEST LINE	MW *	-----
♦		AA-2	2-WAY 1004 HZ LOSS MEASMT OF POS TRK	MW *	-----
♦		AA-3	2-WAY 1004 HZ LOSS MEASMT OF SVC ASSISTANT POST TRK	MW *	-----
♦		AB-2	2-WAY FREQ RESPONSE MEASMT OF POS TRK	MW *	-----
♦		AB-3	2-WAY FREQ RESPONSE MEASMT OF SVC ASSISTANT POS TRK	MW *	-----
♦		AC-2	2-WAY MSG CKT NOISE MEASMT OF POS TRK	MW *	-----
♦		AC-3	2-WAY MSG CKT NOISE MEASMT OF SVC ASSISTANT POS TRK	MW *	-----

TROUBLE TESTS

SD-28041-01 TESTS USING ACD TEST CKT SD-27997-01

♦	218-612-504 (3/0)	A	SUPERVISION--OPERATOR OR CUSTOMER DISCONNECT	TT	-----
♦		B	OPERATION OF PR RELAY	TT	-----
♦		C	TWO-WAY CONTINUITY	TT	-----
♦		D	CALL TRANSFER	TT	-----
♦		E	OUTGOING CALL	TT	-----
♦		F	OVERRIDE OF OUTGOING CALL (SIMULTANEOUS SEIZURE)	TT	-----
♦		G	CLASS OF CALL INDICATION	TT	-----
♦		H	OCCUPIED POSITION SEIZURE	TT	-----

218-612-504 (3/0)	I	DATA SUPERVISION	TT	-----
	J	POSITION TRUNK INTRAFLOW RESISTOR CHECK	TT	-----
	K	FALSE-BUSY AND FALSE-IDLE CONDITIONS	TT	-----
	L	FALSE GROUND, BATTERY AND CONTINUITY CHECKS (FT, PFT, F, PF, BT, TF LEADS)	TT	-----
	M	LEAD INTEGRITY TESTS (A, AA, PC, TU1, TU0 TUB LEADS)	TT	-----
	N	POSITION RELEASE	TT	-----
SD-28041-01 TESTS USING MTF				
218-612-502 (2/0)	L	POSITION RELEASE	TT	-----
218-612-503 (2/0)	A	SEIZURE--NONPREFERRED AND PREFERRED FEATURES	TT	-----
	B	SUPERVISION--OPERATOR OR CUSTOMER DISCONNECT	TT	-----
	C	CALL TRANSFER FEATURES	TT	-----
	D	OUTGOING CALL	TT	-----
	E	OVERRIDE OF OUTGOING CALL	TT	-----
	F	CLASS OF CALL IDENTIFICATION	TT	-----
	G	INTRAFLOW FEATURE	TT	-----
	H	OCCUPIED POSITION SEIZURE	TT	-----
	I	FALSE BUSY & FALSE-IDLE CONDITIONS	TT	-----
	J	FALSE GROUND, BATTERY AND CONTINUITY CHECKS (FT, PFT, F, PF, BT, TF LEADS)	TT	-----
	K	LEAD INTEGRITY TESTS (A, AA, PA, PC, TU1, TU2, LEADS)	TT	-----
SD-28042-01 TESTS USING ACD TEST CKT SD-27997-01				
218-622-502 (2/0)	A	SEIZURE AND RELEASE	TT	-----
	B	TWO-WAY CONTINUITY	TT	-----
	C	ANNOUNCEMENT FEATURE	TT	-----
	D	TRUNK MAKE-BUSY FEATURE	TT	-----
	E	OUTGOING CALL FEATURES	TT	-----
	F	ANNOUNCEMENT MACHINE NOT AVAILABLE FOR RECORDING	TT	-----
	G	RECORDING OF ANNOUNCEMENT FEATURE	TT	-----
	H	FALSE-BUSY AND FALSE-IDLE INDICATIONS	TT	-----
	I	FALSE GROUND, BATTERY, AND CONTINUITY CHECKS (FT, F, BT, TF LEADS)	TT	-----
SD-28042-01 TESTS USING MTF				
218-622-501 (1/0)	A	SEIZURE AND RELEASE	TT	-----
	B	TWO-WAY CONTINUITY	TT	-----
	C	ANNOUNCEMENT FEATURE	TT	-----
	D	TRUNK MAKE-BUSY FEATURE	TT	-----
	E	OUTGOING CALL FEATURES	TT	-----
	F	ANNOUNCEMENT MACHINE NOT AVAILABLE FOR RECORDING	TT	-----
	G	RECORDING OF ANNOUNCEMENT FEATURE	TT	-----

218-622-501	(1/0)	H	FALSE-BUSY AND FALSE-IDLE INDICATIONS	TT	-----
		I	FALSE GROUND, BATTERY, AND CONTINUITY (FT, F, BT, TF LEADS)	TT	-----

POS. TRK CKT SD-27829-01 TESTS USING MTF OFF NOT ARR. FOR POS TRK GATING

218-612-501	(4/0)	A	SEIZURE AND POSITION STATUS FEATURES	TT	-----
		B	FALSE-BUSY AND FALSE-IDLE INDICATIONS	TT	-----
		C	FALSE GROUND, BATTERY, AND CONTINUITY CHECKS (FT, F, BT AND TF LEADS)	TT	-----

OFFICES ARRANGED FOR POSITION TRUNK GATING

218-612-501	(4/0)	D	SEIZURE AND POSITION STATUS FEATURES	TT	-----
		E	SEIZURE--NONPREFERRED AND PREFERRED FEATURES	TT	-----
		F	FALSE-BUSY AND FALSE-IDLE CONDITIONS	TT	-----
		G	FALSE GROUND, BATTERY AND CONTINUITY CHECKS (FT, PFT, F, PF, BT, TF LEADS)	TT	-----

OFFICES ARRANGED WITH OR WITHOUT POSITION TRUNK GATING FEATURES

218-612-501	(4/0)	H	SUPERVISION--OPERATOR DISCONNECT FEATURE	TT	-----
		I	SUPERVISION--CALLING END DISCONNECT FEATURE	TT	-----
		J	CIRCUIT MAKE-BUSY FEATURE	TT	-----
		K	CALL CLASS TRANS TO REMOTE POS--SF UNITS NOT PROVIDED (Y OPTION)	TT	-----
		L	CALL CLASS TRANS TO REMOTE POS--SF UNITS PROVIDED (W OPTION)	TT	-----
		M	CALL CLASS TRANS TO LOCAL POS (X, V OPTIONS)	TT	-----
		N	CALL CLASS TRANS TO LOCAL OR REMOTE POS--TRKS DEDICATED TO ONE CLASS (Z OPTION)	TT	-----
		O	LEAD INTEGRITY TEST (A, AA, PA, PC, TU1, TU2 LEADS)	TT	-----
		P	INTRAFLOW FEATURES	TT	-----
		Q	POSITION RELEASE	TT	-----

4.2 TRUNKS; MISC

MTF

FOR ALL UNITS

218-613-501	(5/0)	D	1004 HZ LOSS MEAS OF JUNC CIRCUIT SD-28044-01-BEFORE TRANSFER	MW *	-----
		E	1004 HZ LOSS MEAS OF JUNC CIRCUIT SD-28044-01-AFTER TRANSFER	MW *	-----
		F	FREQ RESPONSE MEASOF JUNC CKT SD-28044-01-BEFORE TRANSFER	MW *	-----
		G	FREQ RESPONSE MEASOF JUNC CKT SD-28044-01-AFTER TRANSFER	MW *	-----
		H	MSG CKT NOISE MEASOF JUNC CKT SD-28044-01-BEFORE TRANSFER	MW *	-----
		I	MSG CKT NOISE MEASOF JUNC CKT SD-28044-01-AFTER TRANSFER	MW *	-----

OPTIONAL FEATURES

FOR 2ADAS/C ONLY

◆	218-613-501 (5/0)	J	ANNOUNCEMENT FAC OUTPUT LVL MEAS	MW *	-----
◆		K	MSG CKT NOISE MEAS OF AUX LN CKT SD-28146-01	MW *	-----
◆		L	FREQ RESP MEAS OF AUX LN CKT SD-28146-01	MW *	-----

ACD TEST CKT

FOR ALL UNITS

◆	218-613-502 (2/1)	D	1004 HZ LOSS MEASMT OF JCTR CKT SD-28044-01--BEFORE TRANSFER	MW *	-----
◆		E	1004 HZ LOSS MEASMT OF JCTR CKT SD-28044-01--AFTER TRANSFER	MW *	-----
◆		F	1-WAY 1004 HZ LOSS MEASMT OF LINE CKT	MW *	-----
◆		G	FREQ RESPONSE MEASMT OF JCTR CKT SD-28044-01--BEFORE TRANSFER	MW *	-----
◆		H	FREQ RESPONSE MEASMT OF JCTR CKT SD-28044-01--AFTER TRANSFER	MW *	-----
◆		I	MSG CKT NOISE MEASMT OF JCTR CKT SD-28044-01--BEFORE TRANSFER	MW *	-----
◆		J	MSG CKT NOISE MEASMT OF JCTR CKT SD-28044-01--AFTER TRANSFER	MW *	-----
◆		K	MSG CKT NOISE MEASMT OF LINE CKT	MW *	-----
◆		AA	2-WAY 1004 HZ LOSS MEASMT OF OGT SD-28043-01	MW *	-----
◆		AA-1	1-WAY OR 2-WAY 1004 HZ LOSS MEASMT OF OGT SD-28045-01	MW *	-----
◆		AB	2-WAY FREQ RESPONSE MEASMT OF OGT SD-28043-01	MW *	-----
◆		AB-1	2-WAY FREQ RESPONSE MEASMT OF OGT SD-28045-01	MW *	-----
◆		AC	2-WAY MSG CKT NOISE MEASMT OF OGT SD-280043-01	MW *	-----
◆		AC-1	2-WAY MSG CKT NOISE MEASMT OF OGT SD-28045-01	MW *	-----
◆		AZ.2	TRANS MEAS OF MON AND TLK PATHS - OPR TO SERV ASST POS	MW *	-----

TROUBLE TESTS

◆	218-613-502 (2/1)	AZ	OPR POS TRK LINE-UP CKT SD-28041-01 TRANS AND SIDETONE MEAS	TT	-----
◆		AZ.1	SERV ASST POS TRK LINE-UP CKT SD-28042-01 TRANS AND SIDETONE MEAS WITH NIC IN CKT	TT	-----

4.3 TRUNKS; SD27830-01

FOR ALL UNITS

◆	218-602-501 (4/0)	B	PERM SIGNAL ALARM AND LINE LOCKOUT FEATURES	MW 12M	-----
◆		F	LEAD INTEGRITY TESTS (TUCW, TU LEADS)	MW 12M	-----

OPTIONAL FEATURES

FOR SF UNITS ONLY

◆	218-602-501 (4/0)	D	SINGLE FREQUENCY TIMER (SFT) FEATURE	MW 12M	-----
◆		A	LINE CKT SEIZURE WITH CUST AND OPER DISC SUP FEAT.	TT	-----
◆		C	LINE CIRCUIT RESEIZURE TEST	TT	-----
◆		E	RINGING TONE FEATURE (OPTION N)	TT	-----
◆		G	VOICE ANNOUNCEMENT FEATURE	TT	-----

SECTION 218-005-014

♦	218-602-501 (4/0)	H	WINK TIMER (WKR) TEST	TT	-----
♦		I	M-LEAD DIODE TEST	TT	-----
♦		J	AUX LINE CKT TEST	TT	-----
♦		K	RECONN TO ATTEND AFTER ANN TEST	TT	-----
♦		L	EMERG ANN CONT CKT TEST	TT	-----

4.4 TRUNKS; SD27981-01

FOR ALL UNITS

	218-602-502 (2/0)	D	PS ALM AND LINE LOCKOUT (EXCEPT INC FROM SXS OFFICES)	MW 12M	-----
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OPTIONAL FEATURES

FOR SF UNITS ONLY

	218-602-502 (2/0)	E	SINGLE FREQUENCY TIMER (SFT) FEATURE	MW 12M	-----
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TROUBLE TESTS

	218-602-502 (2/0)	A	REGULAR INTERCEPT CALL	TT	-----
		B	TROUBLE INTERCEPT CALL	TT	-----
		C	MACHINE INTERCEPT CALL	TT	-----
		F	LINE CIRCUIT RESEIZURE TEST	TT	-----

4.5 TRUNKS; SD28040-01

ACD TEST CKT SD-27997-01

FOR ALL UNITS

♦	218-602-503 (4/0)	B	PERMANENT SIGNAL ALARM AND LINE LOCKOUT FEATURES	MW 12M	-----
♦		H	WINK TIMER TEST	MW 12M	-----
♦		I	M-LEAD DIODE TEST	MW 24M	-----

OPTIONAL FEATURES

FOR SF UNITS ONLY

♦	218-602-503 (4/0)	D	SINGLE FREQUENCY TIMER (SFT) FEATURE	MW 12M	-----
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TROUBLE TESTS

♦	218-602-503 (4/0)	A	LINE CIRCUIT SEIZURE WITH CUSTOMER AND OPERATOR DISCONNECT SUPERVISION FEATURES	TT	-----
♦		C	LINE CIRCUIT RESEIZURE TEST	TT	-----
♦		E	RINGING TONE FEATURE	TT	-----
♦		F	TYPE OF CALL ANNOUNCEMENT FEATURE	TT	-----
♦		G	OPERATOR TRANSFER FEATURE	TT	-----
♦		J	AUX LINE CKT TEST	TT	-----
♦		K	RECONNECT TO OPR AFTER ANN TEST	TT	-----
♦		L	EMERG ANN CONT CKT TEST	TT	-----

MTF

FOR ALL UNITS

♦	218-602-506 (2/0)	B	PS ALARM AND LINE LOCKOUT FEATURES	MW 12M	-----
♦		H	WINK TIMER TEST	MW 12M	-----
♦		I	M-LEAD DIODE TEST	MW 24M	-----

OPTIONAL FEATURES

FOR SF UNITS ONLY

218-602-506	(2/0)	D	SINGLE FREQUENCY TIMER (SFT) FEATURE	MW 12M	-----
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TROUBLE TESTS

218-602-506	(2/0)	A	LINE CKT SEIZURE WITH CUST AND OPER SUPV FEATURES	TT	-----
		C	LINE CIRCUIT RESEIZURE TEST	TT	-----
		E	RINGING TONE FEATURE (OPTIONAL)	TT	-----
		F	VOICE ANNOUNCEMENT FEATURE	TT	-----
		G	CALL TRANSFER	TT	-----
		J	AUX LINE CKT TEST	TT	-----
		K	RECONNECT TO ATTEND AFTER ANN TEST	TT	-----
		L	EMERG ANN CONT CKT TEST	TT	-----

4.6 TRUNKS; SD-28048-01

TESTS USING ACD TEST CIRCUIT SD-27997-01

FOR ALL UNITS

218-602-505	(2/1)	D	PERMANENT SIGNAL ALARM AND LINE LOCKOUT	MW 12M	-----
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OPTIONAL FEATURES

FOR SF UNITS ONLY

218-602-505	(2/1)	E	SINGLE FREQUENCY TIMER (SFT) FEATURE	MW 12M	-----
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FOR INTERCEPT ONLY

218-602-505	(2/1)	I	INTERCEPT ANNOUNCEMENT FAILURE ALARM	MW 12M	-----
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TROUBLE TESTS

218-602-505	(2/1)	A	REGULAR INTERCEPT CALL	TT	-----
		B	TROUBLE INTERCEPT CALL	TT	-----
		C	MACHINE INTERCEPT CALL	TT	-----
		F	LINE CIRCUIT RESEIZURE TEST	TT	-----
		G	TYPE-OF-CALL ANNOUNCEMENT FEATURE	TT	-----
		H	OPERATOR TRANSFER FEATURE	TT	-----

TESTS USING MTF

FOR ALL UNITS

218-602-504	(1/0)	D	PERMANENT SIGNAL ALARM AND LINE LOCKOUT	MW 12M	-----
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OPTIONAL FEATURES

FOR SF UNITS ONLY

218-602-504	(1/0)	E	SINGLE FREQUENCY TIMER (SFT) FEATURE	MW 12M	-----
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FOR INTERCEPT ONLY

218-602-504	(1/0)	I	INTERCEPT ANNOUNCEMENT FAILURE ALARM	MW 12M	-----
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TROUBLE TESTS

218-602-504	(1/0)	A	REGULAR INTERCEPT CALL	TT	-----
		B	TROUBLE INTERCEPT CALL	TT	-----
		C	MACHINE INTERCEPT CALL	TT	-----

218-602-504	(1/0)	F	LINE CIRCUIT RESEIZURE TEST	TT	-----
		G	VOICE ANNOUNCEMENT FEATURE	TT	-----
		H	CALL TRANSFER	TT	-----
4.7 TRUNKS; SD-28042-01					
FOR ALL UNITS					
218-622-501	(1/0)	J	ANNOUNCEMENT FAILURE ALARM	MW 12M	-----
4.8 TRUNKS; SD-28043-01					
TROUBLE TESTS					
TESTS USING MTF					
218-621-501	(1/0)	A	SEIZURE & RELEASE--OPERATOR ORIGINATED CALL	TT	-----
		B	SEIZURE & RELEASE--TRANSFER CALL	TT	-----
		C	FALSE-BUSY & FALSE IDLE INDICATIONS	TT	-----
		D	FALSE GROUND, BATTERY, & CONTINUITY CHECKS (FT, F, BT, TF LEADS)	TT	-----
TESTS USING ACD TEST CIRCUIT SD-27997-01					
218-621-502	(1/0)	A	SEIZURE AND RELEASE OF OUTGOING TRUNK TO SWITCHBOARD (HIGH-LOW SUPERVISION)	TT	-----
		B	SEIZURE AND RELEASE OF OUTGOING TRUNK TO LOCAL OFFICE (WET-DRY)	TT	-----
		C	SEIZURE AND RELEASE OF OUTGOING TRUNK TO DISTANT INFORMATION BUREAU	TT	-----
		D	FALSE-IDLE AND FALSE-BUSY INDICATIONS	TT	-----
		E	FALSE GROUND, BATTERY, AND CONTINUITY CHECKS (FT, F, BT, TF LEADS)	TT	-----
4.9 TRUNKS; SD-28044-01					
TROUBLE TESTS					
TESTS USING MTF					
218-620-501	(1/0)	A	SEIZURE AND RELEASE	TT	-----
		B	OPERATOR ORIGINATED CALL	TT	-----
		C	TRANSFER FEATURE	TT	-----
		D	CONTINUITY AND HOLD FEATURE	TT	-----
		E	FALSE-BUSY AND FALSE-IDLE INDICATIONS	TT	-----
		F	FALSE GROUND BATTERY AND CONTINUITY CHECKS	TT	-----
TESTS USING ACD TEST CKT SD-27997-01					
218-620-502	(2/0)	A	OPERATOR ORIGINATED CALL	TT	-----
		B	SEIZURE AND RELEASE	TT	-----
		C	TRANSFER FEATURE	TT	-----
		D	CONTINUITY AND HOLD FEATURE	TT	-----
		E	FALSE-BUSY AND FALSE-IDLE INDICATIONS	TT	-----
		F	FALSE GROUND, BATTERY AND CONTINUITY CHECKS	TT	-----
4.10 TRUNKS; SD-28045-01					
TROUBLE TESTS					
TESTS USING MTF					

218-617-501 (1/0)	A	SEIZURE AND RELEASE	TT	-----
	B	DELAY OF ANSWER SUPERVISION	TT	-----
	C	CALL TO OPERATOR	TT	-----
	D	FALSE-BUSY AND FALSE-IDLE INDICATIONS	TT	-----
	E	FALSE GROUND, BATTERY, AND CONTINUITY CHECKS (FT, F, BT, TF LEADS)	TT	-----

TESTS USING ACD TEST CIRCUIT SD-27997-01

218-617-502 (1/0)	A	SEIZURE AND RELEASE	TT	-----
	B	DELAY OF ANSWER SUPERVISION	TT	-----
	C	CALL TO OPERATOR	TT	-----
	D	FALSE-BUSY AND FALSE-IDLE INDICATIONS	TT	-----
	E	FALSE GROUND, BATTERY, AND CONTINUITY CHECKS (FT, F, BT, TF LEADS)	TT	-----

