

**EQUIPMENT TEST LIST**  
**2-WAY TOLL TRUNKS**  
**OFFICES WITH MASTER TEST FRAME**  
**NO. 5 CROSSBAR SYSTEMS**

	<b>CONTENTS</b>	<b>PAGE</b>
<b>1. GENERAL</b>	. . . . .	<b>1</b>
<b>9.1 RCDR COMPL-COIN</b>	. . . . .	<b>2</b>
<b>9.2 2-WAY INTERTOLL</b>	. . . . .	<b>2</b>
<b>9.3 2-WAY INTERTOLL</b>	. . . . .	<b>3</b>
<b>9.4 2-WAY TOLL</b>	. . . . .	<b>5</b>
<b>9.5 OPERATOR OFFICE</b>	. . . . .	<b>6</b>
<b>9.6 TO CDO</b>	. . . . .	<b>7</b>
<b>9.7 OPERATOR COMPLTG</b>	. . . . .	<b>7</b>

- 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 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

## 9.0 2-WAY TOLL TRNKS

## 9.1 2-WAY TOLL TRNKS; RCDR COMPL-COIN

## FOR ALL UNITS

218-282-501	(8/0)	H	DISCONNECT-CN TRKS ARR FOR AUTO. CC OR DISC.	MW 24M	-----
-------------	-------	---	--	--------	-------

## TROUBLE TESTS

218-282-501	(8/0)	A	OPERATION	TT	-----
		B	RINGBACK--ARRANGED FOR RINGBACK	TT	-----
		C	RECALL--ARRANGED FOR RECALL	TT	-----
		E	TRUNK BUSY	TT	-----
		F	COIN CONTROL--QAUTO. COIN RET WHEN OPR ANS	TT	-----
		G	COIN CONTROL--NOT ARR FOR AUTO. COIN RETURN	TT	-----
		I	COIN RETURN ON ABANDONED CALL--COIN TRUNKS	TT	-----
		J	TIME DELAY VC INTCPT TRUNKS TIME DELAY	TT	-----
		K	FALSE-BUSY AND FALSE-IDLE CONDITIONS	TT	-----

## 9.2 2-WAY TOLL TRNKS; 2-WAY INTERTOLL

## FOR ALL UNITS

◆	218-272-501	(4/0)	I	CALL TO TEST LINE	MR 24M	-----
◆	218-274-501	(2/0)	C	PRETRIP AND TRIP	MR 24M	-----

## OPTIONAL FEATURES

## MESSAGE TIMING

◆	218-272-501	(4/0)	B	SUPV-ORIG END DISC.-AMA OR MSG TMG OPR	MR 24M	-----
---	-------------	-------	---	--	--------	-------

## AMA

◆	218-272-501	(4/0)	B	SUPV-ORIG END DISC.-AMA OR MSG TMG OPR	MR 24M	-----
			D	CANCEL DISCONNECT ENTRY-AMA (ETS, CDT OR LAMA-C NOT PROVIDED)	MR 24M	-----

## TROUBLE TESTS

218-272-501	(4/0)	A	SEIZURE	TT	-----
		C	SUPERVISION--TERMINATING END DISCONNECT	TT	-----
		E	OVERFLOW	TT	-----
		F	SEIZURE--TANDEM OPERATION	TT	-----
		G	OVERFLOW--TANDEM OPERATION	TT	-----
		J	CALL TO SWITCHBOARD	TT	-----
		K	CIRCUIT BUSY	TT	-----
		L	FALSE-BUSY AND FALSE-IDLE CONDITIONS	TT	-----
218-274-501	(2/0)	A	TRK SEIZURE AND RLS--TERMINATING CALL	TT	-----
		B	RINGING SELECTION SWITCH	TT	-----
		D	LINE BUSY--TERMINATING CALL	TT	-----
		E	OVERFLOW BUSY--TERMINATING CALL	TT	-----
		F	TRK SEIZURE AND RLS--THROUGH CALL	TT	-----
		G	OVERFLOW--THROUGH CALL	TT	-----
		H	TIMEOUT	TT	-----

218-274-501	(2/0)	I	PRELIMINARY RING	TT	-----
9.3 2-WAY TOLL TRNKS; 2-WAY INTERTOLL					
FOR ALL UNITS					
218-268-501	(9/1)	D	CALL TO DISTANT OFFICE	MR 24M	-----
OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY					
WITH REVERSED BATTERY SIGNALING					
218-252-501	(5/0)	F.1	TRUNK SEIZURE, RLS & PAD CONTROL-TRK ARRGD FOR REV BAT. SIGNALING	MW 24M	-----
WITHOUT REVERSED BATTERY SIGNALING					
218-252-501	(5/0)	F	TRUNK SEIZURE, RLS, & PAD CONT-THRU CALL	MR 24M	-----
OPTIONAL FEATURES					
ARRANGED FOR SUBSCRIBER ACCESS					
218-268-501	(9/1)	I	CHG & NONCHG SUPV-AUX TRK CKT-CUST ACC	MR 24M	-----
ARRANGED FOR AMA					
218-268-501	(9/1)	J	CANCEL DISC. ENTRY-AUX TRK ARR FOR AMA	MR 24M	-----
TROUBLE TESTS					
218-252-501	(5/0)	A	TRK SEIZURE, RLS, & PAD CONT--E&M SIG	TT	-----
		A.1	TRK SEIZURE, RLS--REV BAT. SIG	TT	-----
		B	RNG SEL SW--E&M SIG	TT	-----
		B.1	RNG SEL SW--REV BAT. SIG	TT	-----
		C	PRETRIP & TRP--E&M SIG	TT	-----
		C.1	PRETRIP & TRP--REV BAT. SIG	TT	-----
		D	LINE BUSY -- E&M SIG	TT	-----
		D.1	LINE BUSY--REV BAT. SIG	TT	-----
		E	OVERFLOW--E&M SIG	TT	-----
		E.1	OVERFLOW--REV BAT. SIG	TT	-----
218-268-501	(9/1)	A	TRUNK SEIZURE AND RELEASE	TT	-----
		B	TRUNK OVERFLOW	TT	-----
		C	TRUNK BUSY	TT	-----
		E	PAD CONTROL	TT	-----
		F	TIMED RELEASE	TT	-----
		G	BUSY IND TO TOLL SWDB--TESTING AT RR FR	TT	-----
		H	BUSY IND TO TOLL SWDB--TESTING AT TOLL SWBD	TT	-----
		K	TRK MB & SPLT--REMOTE TEST FROM TLG TST BD	TT	-----
THROUGH-SWITCH					
218-252-501	(5/0)	G	OVERFLOW--E&M SIG	TT	-----
		G.1	OVERFLOW--REV BAT. SIG	TT	-----
		H	SLEEVE BSY IND TO TOLL SWBD--DISTANT	TT	-----
		I	SLEEVE BSY IND TO TOLL SWBD-LOCAL	TT	-----
		J	TIME-OUT--E&M SIG	TT	-----
		J.1	TIME-OUT--REV BAT. SIG	TT	-----

SD-27654-01

218-257-501 (5/0)

A	TRK SEIZ, RLS, & PAD CONT--LOC COMPL & THROUGH-SWITCHED CALL	TT	-----
B	RINGING--LOCAL COMPLETION	TT	-----
C	PRETRIP & TRIP--LOCAL COMPLETION	TT	-----
D	SUPV--TERM. DISC.--LOC COMP & THRU-SW CALLS	TT	-----
E	SUPV--ONLY DISC.--LOC COMP & THRU-SW CALLS	TT	-----
F	SUPV--ORIG DISC.--TRK SEIZ PRIOR TO TO--LOC COMP	TT	-----
G	LINE BUSY--POTS & CNTX DIAL TR-LOC COMPL	TT	-----
H	LINE BUSY OR OVFL TO ATND--CNTX	TT	-----
I	OVFL--LOC COMP & THROUGH-SW CALLS	TT	-----
J	ABAN CALL--LOC COMP & THROUGH-SW CALLS	TT	-----
K	CL-OF-SRV REGISTRATION--CNTX--LOC COMP	TT	-----
L	NO TR REG AVAIL.--DIAL TR CNTX	TT	-----
M	NO IR AVAIL.--CENTREX	TT	-----
N	DIAL TR TO STA--CNTX--LOC COMP	TT	-----
O	DIAL TR TO ATND--CNTX--LOC COMP	TT	-----
P	LDN CALL--CNTX--LOC COMP	TT	-----
Q	MANUAL TR--START-IN--CENTX--LOCAL COMP	TT	-----
R	DAT--CNTX--LOC COMP	TT	-----
S	ALL ATND TRKS BUSY--TR CALL--LOC COMP	TT	-----
T	ATND SIG SOURCE--CNTX--LOC COMP	TT	-----
U	CANCEL DIAL TR ON NO ANS FROM STA OR ATND	TT	-----
V	TRANSFER DENIED	TT	-----
W	TRUNK SEIZURE & RELEASE--OUTGOING	TT	-----
X	SUPERVISION--TERM. END DISC.--OG TANDEM	TT	-----
Y	CHG & NONCHG SUPV--LOC ORIG OG	TT	-----
Z	SUPV--TERM. END DISC.--LOC ORIG OG	TT	-----
AA	OVERFLOW--LOC ORIG OG	TT	-----
AB	SLV BUSY IND TO 17E TESTBOARD	TT	-----
AC	CROSS OFF. LO FROM 17E TSTB ON INC THRU SW	TT	-----
AD	TRUNK BUSY TO OG CALLS	TT	-----
AE	FALSE-BUSY & FALSE-IDLE CONDITIONS (ETS, NOT PROVIDED)	TT	-----
AF	GLARE DETECTOR	TT	-----
AG	CALL TO DISTANT OFFICE	TT	-----

SD-27655-01

218-257-502 (4/0)

A	TRK SEIZURE--LOCAL COMPLETION & THRU SW	TT	-----
B	RINGING--LOCAL COMPLETION	TT	-----
C	PRETRIP & TRIP--LOCAL COMPLETION	TT	-----
D	SUPV--TERM. END DISC.--LOC COMP & THRU SW	TT	-----

218-257-502 (4/0)	E	SUPV--ORIG END DISC.--LOC COMP & THRU SW	TT	-----
	F	SUPV--ORIG END DISC.--TRK SEIZ PRIOR TO TO	TT	-----
	G	LINE BUSY--POTS & CNTX TR--LOC COMP	TT	-----
	H	OVERFLOW--LOC COMP & THROUGH SW	TT	-----
	I	ABAN CALL--LOC COMP & THROUGH SW	TT	-----
	J	NO TR REG AVAIL.--TRKS ARR FOR CENTX	TT	-----
	K	STA-TO-STA TR--TRKS ARR FOR CNTX--LOC COMP	TT	-----
	L	LDN CALL--TRKS ARR FOR CNTX--LOC COMP	TT	-----
	M	TR TO ATND--TRKS ARR FOR CNTX--LOC COMP	TT	-----
	N	ATND START-IN TRKS ARR FOR CTNX--LOC COMP	TT	-----
	O	DAT--TRKS ARR FOR CNTX--LOC COMP	TT	-----
	P	ATND SIG SRC--TRKS ARR FOR CNTX--LOC COMP	TT	-----
	Q	CANCEL TRANSFER ON NO ANS FROM STA TO ATND	TT	-----
	R	TRK SEIZURE & RELEASE--OG TANDEM	TT	-----
	S	SUPV--TERM. END DISC.--OG TANDEM	TT	-----
	T	CHG & NONCHG SUPV--LOC ORIG OG	TT	-----
	U	SUPV--TERM. END DISC. LOC ORIG OG	TT	-----
	V	OVERFLOW--LOCAL ORIG OG	TT	-----
	V.1	CALL TO 103-TYPE TEST LINE	TT	-----
	V.2	GLARE FEATURE	TT	-----
	W	SLEEVE BUSY IND TO 17E TESTBOARD	TT	-----
	X	CROSS OFF. LO FROM 17E TSTB--THROUGH SW	TT	-----
	Y	TRK BUSY TO OG CALLS	TT	-----
	Z	FALSE-BUSY & FALSE-IDLE CONDITIONS (ETS, NOT PROVIDED)	TT	-----

9.4 2-WAY TOLL TRNKS; 2-WAY TOLL

MANUAL TESTS

FOR ALL UNITS

218-277-502 (4/0)	B	SUPERVISION	MR 24M	-----
	C	AMA FEATURES (ETS, CDT OR LAMA-C NOT PROVIDED)	MR 24M	-----
	D	CANCEL DISCONNECT ENTRY (ETS, CDT OR LAMA-C NOT PROVIDED)	MR 24M	-----
	E	NONCHARGE SUPERVISION (ETS, CDT OR LAMA-C NOT PROVIDED)	MR 24M	-----
	G	CALL TO DIST OFF. (AUX LINE CKT SD-99484-01 IN DIST OFF.)	MR 24M	-----
	H	CALL TO SIMLT 2-WIRE TRK CKT (AUX LINE CKT SD-99484-01 DIR WIRE IN SAME OFF.)	MR 24M	-----
	J	SUPERVISION	MR 24M	-----
	M	EXTENSION OF CALL ON-NET	MR 24M	-----
	N	SUPERVISION-CALLING END DISCONNECT	MR 24M	-----
	O	SUPERVISION-CALLED END DISCONNECT	MR 24M	-----
	P	ATTENDANT RELEASE AFTER STARTOUT	MR 24M	-----

◆	218-277-502 (4/0)	S	CALL TO DIST ATND FAC (AUX LINE CKT SD-99484-01 IN DIST OFF.)	MR 24M	-----
◆		T	CALL TO DIST ATND FAC (AUX LINE CKT SD-99484-01 DIR WIRED IN SAME OFF.)	MR 24M	-----
TROUBLE TESTS					
	218-277-502 (4/0)	A	ONAL SEIZURE AND RELEASE	TT	-----
		F	REORDER	TT	-----
THROUGH-SWITCHED TEST (TOG)					
	218-277-502 (4/0)	I	ONAL SEIZURE AND RELEASE	TT	-----
		K	CROSS-OFFICE LOCKOUT (17E TB PROVIDED)	TT	-----
		L	REORDER	TT	-----
INCOMING TESTS (INC)					
	218-277-502 (4/0)	Q	ABANDONED CALL BEFORE ATTENDANT ANSWER	TT	-----
		R	ABANDONED CALL BEFORE CALL STA ANSWER	TT	-----
		U	CROSS-OFFICE LOCKOUT (17E TB PROVIDED)	TT	-----
MISCELLANEOUS TESTS					
	218-277-502 (4/0)	V	REMOTE MAKE-BUSY FROM AUX LINE CKT	TT	-----
		W	TRUNK BUSY (17E TB NOT PROVIDED)	TT	-----
		X	TRUNK BUSY (17E TB PROVIDED)	TT	-----
		Y	UNIVERSAL PAD CONTROL	TT	-----
		Z	FALSE-BUSY & FALSE-IDLE CONDITIONS (ETS NOT PROVIDED)	TT	-----
AUTOMATIC TESTS WITH APTT					
FOR ALL UNITS					
◆	218-262-501 (11/0)	B	AMA FEATURES (ETS OR LAMA-C NOT PROVIDED)	MR 24M	-----
◆		C	NONCHARGE SUPERVISION (ETS OR LAMA-C NOT PROVIDED)	MR 24M	-----
◆		C,F	SUPERVISION	MR 24M	-----
◆		G	CALL TO DISTANT OFFICE (AUX LINE CKT SD-99484-01 IN DIST OFF.)	MR 24M	-----
◆		H	CANCEL DISC. ENTRY (ETS OR LAMA-C NOT PROVIDED)	MR 24M	-----
9.5 2-WAY TOLL TRNKS; OPERATOR OFFICE					
FOR ALL UNITS					
	218-259-501 (3/0)	K	CALL TO INCOMING TRUNK TEST LINE	MR 24M	-----
TROUBLE TESTS					
	218-259-501 (3/0)	A	OPERATION	TT	-----
		B	RINGBACK	TT	-----
		C	RECALL AND CUSTOMER HOLD	TT	-----
		D	TRUNK BUSY	TT	-----
		E	COIN CONT--ARR FOR AUTO. CN RET WHEN OPR ANS	TT	-----
		F	COIN CONTROL--NOT ARR FOR AUTO COIN RET	TT	-----
		G	COIN RETURN ON ABANDONED CALL	TT	-----
◆		H	DISCONNECT FROM OUTGOING CALL	TT	-----

218-259-501	(3/0)	I	ALARM FORWARDING	TT	-----
		J	FALSE-BUSY AND FALSE-IDLE CONDITIONS	TT	-----
		L	RINGING	TT	-----
		M	LINE-BUSY--REGULAR CALL	TT	-----
		N	LINE-BUSY--NO TEST CALL	TT	-----
9.6 2-WAY TOLL TRNKS; TO CDO					
FOR ALL UNITS					
218-258-501	(8/0)	C	CALL TO COMMUNITY DIAL OFFICE	MR 24M	-----
		H	CALL FROM COMMUNITY DIAL OFFICE	MR 24M	-----
TROUBLE TESTS					
218-258-501	(8/0)	A	CALL TO TERMINATING TEST LINE	TT	-----
		B	OVERFLOW	TT	-----
		D	TRUNK BUSY	TT	-----
218-262-501	(11/0)	A	CALL TO COMMUNITY DIAL OFFICE	TT	-----
OUTGOING CALLS FROM SWITCHBOARD					
218-258-501	(8/0)	E	CALL TO COMM OFFICE--TRK ARR FOR KP FROM SWBD	TT	-----
		F	REORDER-TRK. ARR FOR KP FROM SWBD	TT	-----
		G	CALL TO COMM OFF.--TRKS ARR FOR TEMP AUTO. OPR	TT	-----
MISCELLANEOUS TESTS					
218-258-501	(8/0)	I	TRUNK-BUSY INDICATION AT THE SWITCHBOARD	TT	-----
		J	TRUNK IDLE OR TRUNK BUSY LAMP INDICATION	TT	-----
		K	TIMED RLS--OG CALL THROUGH-SW AND INC CALL	TT	-----
		L	TRUNK GROUP BUSY	TT	-----
		M	PAD ARRANGEMENT	TT	-----
		N	COIN CONTROL FEATURE	TT	-----
		O	RERING	TT	-----
9.7 2-WAY TOLL TRNKS; OPERATOR COMPLTg					
FOR ALL UNITS					
218-254-501	(6/0)	A	CALL TO INCOMING TEST LINE	MR 12M	-----
		B	RINGING	MR 12M	-----
		F	CALL TO DISTANT OFFICE	MR 24M	-----
TROUBLE TESTS					
218-254-501	(6/0)	C	RERING -- TRUNKS ARR FOR CONT START OF RING	TT	-----
		D	COIN CONTROL	TT	-----
		E	CALL TO BUSY LINE	TT	-----
		G	OVERFLOW	TT	-----
		H	TRUNK IDLE OR TRUNK BUSY LAMP INDICATIONS	TT	-----
		I	TRUNK GROUP BUSY	TT	-----
		J	SLEEVE BUSY INDICATION AT SWITCHBOARD	TT	-----
		K	TRUNK BUSY INDICATION DURING TRUNK RELEASE	TT	-----

218-254-501 (6/0) L REORDER  
M RERING

TT -----  
TT -----