

INDEX OF CIRCUITS AND ASSOCIATED
 TESTS NO. 1 CROSSBAR

1. GENERAL INFORMATION

1.1 This section lists numerically the circuits which are rated standard and A and M for No. 1 Crossbar equipment, and the associated handbook test method. It does not include MD circuits, although there are a few of these circuits listed in the individual test methods.

1.2 Where a test of a circuit is covered by a main section plus one or more sub-sections usually only the main section number will be listed in the table.

1.3 Handbook 63, Section 331 lists miscellaneous circuits for which general tests are to be used. Reference should be made to both Section 331 and to Handbook 61, Section 0.2 when indicated in this index to insure that all the necessary general tests are applied to the circuits.

1.4 Where "Various" is shown in the handbook and section column, the circuit is associated with two or more other circuits the tests of which are described in various methods listed for the associated circuits.

SCHMATIC DRAWING NO.	HANDBOOK AND SECTION	NAME OF CIRCUIT
25013	62 222	Sender, Terminating
25014	62 223	Sender, "B" Board
25015	61 163	Key Pulsing Sender, "A" Board
25016	61 172	Marker Originating
25018	61 172.8, 173	Trouble Indicator Originating
25020	61 122	Junctor, Subscriber District Non-Coin
25021	61 124	Junctor "A" Operator District
25024	62 207, 208	Incoming, KP "A" 1-2 Party
25025	62 205, 208	Incoming, Aux. from Manual Office
25028	62 212	Terminating Sender Link
25029	61 132	Connector A Pos. Coin Supv. Link
25031	61 135	Connector District Link
25032	62 211	Incoming Link and Connector
25033	61 141	Connector Office Link
25034	62 241	Line Choice Connector
25035	61 171	Connector Originating Marker
25036	62 224	Connector Terminating Marker
25037	62 207	Incoming Trunk
25038	62 205	Timing Incoming Trunk
25040	63 306	Line Dial Ter. Man. Sub.
25046	61 0.2	Alarm Fuse and Time (Fl. Alm. Fr.)
25047	61 0.2	Alarm, Misc. and Aux. (Fl. Alm. Fr.)
25048	61 0.2	Alarm, Fuse Bays
25052	61 162, 163	Misc., Frame Subscr. and "A" Sender
25053	62 222, 228	Misc. Frame Term. and "B" Sender
25054	61 172	Misc. Frame Originating Marker
25055	62 225	Misc. Frame Terminating Marker
25056	61 136	Misc. Frame Subscr. Sdr. Link
25057	62 212	Misc. Frame "B" and Term. Sdr. Link
25058	61 141	Misc. Frame Office Link - Extension

SCHEMATIC DRAWING NO.	HANDBOOK AND SECTION	NAME OF CIRCUIT
25059	62 227	Misc. Ckt. for D.P. Terminating Sender
25060	61 101	Misc. Frame Line Link
25061-01,02	61 131	Coin Supervisory Circuit Test
25062	Various	Miscellaneous Frame, Interrupter
25063	61 173	Trouble Indicator, Originating
25064	62 226	Trouble Indicator, Terminating
25067	63 309	Misc. Ckt. Traffic Reg. Rack
25074	63 307	Signal Overflow Permanent Signal
25076	61 162	Misc. Frame, Sender Make Busy
25078	63 322	Telephone, "B" Supervisor
25081	63 307	Lines, Office Multiple Overflow
25087	Various	Pilot, Aisle
25107	61 143	Telephone OGTF
25116	63 307	Incoming, "A" Board Special Service
25119	63 331	Outgoing, To Information Desk
25120	63 307	Outgoing, To Official PBX (Free)
25124	63 305	Outgoing, Subscr. Recording Comp.
25126	63 307	Incoming, P.S.H. from Office Multiple
25127	63 312	Outgoing, Recording Comp.
25138	63 331	Line, Auxiliary for Dial Subscriber
25139	63 331	Line, Business Office
25140	63 331	Line, Out Auxiliary
25149	63 306	Line, Plug Up, Trouble Observing
25158	61 121	Testing District Automatic
25159	62 221	Testing "B" Sdr. and Terminating Automatic
25161	62 201	Testing, Incoming Auto.
25173	61 121	Misc. Frame District Junctor Test
25174	61 161	Misc. Frame Originating Sender Test
25176	62 221	Misc. Frame "B" Sdr. Terminating Test
25177	61 143	Misc. Test OGTF, Trunk and Line
25187	62 202	Test Set, Incoming Trunk
25190	63 331	Test Set, Line Message Register
25202	62 207	Incoming "B" No Test
25204	61 122, 622	Misc. Frame, District Junctor
25205	61 135	Misc. Frame, District Link
25207	62 211	Misc. Frame, Incoming Link
25210	61 122	Junctor Subscr. District - Coin
25211	61 129	Misc. Frame, Zone Register and Controller Frame
25218	63 305	Outgoing, Subscr. Recording Comp. Coin
25221	61 161	Testing, Originating Sender Test
25247	61 171	Misc. Frame, Originating Marker Conn.
25248	63 309	Misc. Ckt. Term. Mark. Conn. Fr.
25251	63 311	Connector, No Test
25253	63 315	Position, "A" No. Checking
25255	62 207, 308	Incoming, Full Select K.P. No Test
25261	62 201	Misc. Frame, Incoming Trunk Test
25262	62 201	Misc. Frame, Incoming Trunk Test Conn.
25264	63 315	Sender No. Checking KP
25265	61 132	Misc. Frame "A" Oper. Coin Supv. Link

SCHEMATIC DRAWING NO.	HANDBOOK AND SECTION	NAME OF CIRCUIT
25268	61 122, 622	Checking, District Junctor Interrupter
25271	63 308	Vacant Code Incpt. from Off. Mult.
25272	63 307	Vacant Code Trk. Non-Coin Tone
25275	62 241	Connector, Line Choice
25276	62 242	Connector, Number Group
25277	62 242	Misc. Frame, Number Group Conn.
25281	63 309	Misc. Ckt., Miscellaneous Frame
25283	62 225	Marker Terminating
25284	62 226	Trouble Indicator, Terminating
25286	63 309	Misc. Ckt. Block Relay Frame
25287	63 307	Misc. Ckt. Line Distributing Frame
25288	62 207.4	Repeating Sleeve Signal
25289	62 222	Misc. Test. Term. Sdr. Rev. Inpulse Int.
25290	62 241	Misc. Frame, Line Junctor Conn.
25291	62 241	Misc. Frame, Line Choice Conn.
25294	62 207, 208	Incoming Full Sel., KP, 4 Party
25295	62 203, 205	Incoming DP, RP, MF 1-4 Party
25296	63 306	Line, Aux. 10 Party TPS
25298	61 0.2	Alarm 301C AC, 1C and CC No Voltage
25299	61 143	Incoming Full Select, OGTTF
25302	62 203, 205, 208	Incoming RP-MF 1-4 Party
25303	62 207, 208	Incoming "B" Bd. 1-4 Party
25306	62 207, 208	Incoming Full Select, KP - 4 Party
25309	61 0.2	Alarm 301C Supp. Ring - CC No. Voltage
25310	61 131	Release Coin Supervisory
25311	61 128	Misc. Test, Zone Registration and Timing
25312	63 306	Misc. Tk., "A" Bd. Off PBX
25313	63 331	Two Way Tk., RO Without Rep. Coil
25318	63 331	Line Aux. Arr. for No. Check
25319	63 331	Line Aux. for Multi-Office
25320	61 129	Control Zone Reg. Common
25321	63 315	Link "A" Bd. No. Check
25322	62 207, 208	Incoming, "B" Bd. A Pos. Ringing
25324	61 128	Misc. Frame, Zone Registration, Timing
25329	62 207, 208	Incoming, "B" No. Check from Toll
25351	62 207, 208	Incoming Full Select KP, No Test
25352	62 207.4	Misc. Frame, Line MR Rack
25353	62 207, 208	Incoming, Full Selector Regular
25381	62 225.8	Register, Subscr. Line Overflow
25382	62 229	Sender, Central "B" Term. Part
	63 501, 521	
25413	63 503, 523	Outgoing, Verification and Intercept
25415	63 503, 523	Incoming, DP, RP, MF, STFD, Intercept
25416	63 513, 533	Line, Emergency to Central "A"
25417	63 563	Line, Emergency at Central "A"
25418	63 512	Permanent Signal Holding Trunk
25420	63 506, 507, 508	Incoming RP, MF, STFD 1-4 Party
	62 208	
25421	63 514	Line Dial Term. Central "A"
25423	63 527, 557	Outgoing, STFD Central "A" to Crossbar
25428	63 331	Misc. Tk, Off. PBX
25429	63 331	Incoming, Off. PBX Central "A"-LL

SCHEMATIC DRAWING NO.	HANDBOOK AND SECTION	NAME OF CIRCUIT
25432	62 207, 208	Incoming, Dial Pulse LTD
25433	62 207	Incoming, Term. from Line MR Rack
25434	62 227	Sender DP Terminating
25436	62 207, 208	Incoming, "B" Bd. from LTD
25439	62 205	Misc. Frame, Incoming Trunk
25440	62 205	Misc. Circuit, Relay Rack Bays
25444	63 518, 538	Supervisory, Coin Overtime, Central "A"
	61 131	
→ 25445	63 568	Supervisory Coin at Central "A"
25446	63 558	Outgoing KP "A" Bd. to Crossbar
25447	63 553	Incoming, Verification, Toll Intercept
25452	61 138	Trouble Indicator, Subscr. Sdr. Link - Controller
25453	61 138	Misc. Ckt. Tble. Ind. Sdr. Link - Controller
25454	63 308	"A" Board Intercepting and Verification Request Trunk
25455	62 228	Sender, MFKP Terminating
25457	62 211	Connector, Incoming Link
25459	62 212	Controller, Terminating Sender Link
25462	63 558	Outgoing, "A" Bd. to Crossbar
25463	63 331	Misc. Tk., Repair Service
25467	63 539	Vacant Code Intercept Incoming and Outgoing Trunks
25471	62 212	Control, Terminating Sdr. Timing
25474	61 0.2	Misc. Test, Code, Crossbar Only
25476	63 309	Misc. Ckt. Cent. "B" Sdr. - Swbd. Part
25481	61 125	Dialing District Junctor
25482	61 675	Timing Control Circuit
	62 225	
25492	63 331	Control Sleeve, Tk, to LTD
25495	62 205	Supply MF KP
25507	63 308	Incoming, "A" Vacant Code
25508	63 331	Misc. Tk. Vacant Code, No Such No. Tone
25522	Various	Jack Common Hold
25553	61 101, 102, 103	Controller Line Link
	62 245	
25554	61 136, 137	Controller Subscr. Sender Link
25601	61 681	Maintenance Recorder
25609	61 679	Transverter Trouble Indicator, Misc.
25611	61 692	Line Verification Trunk
25620	61 122.1, 622	AMA District Junctor
25621	61 623	Call Identity Indexer Circuit
25633	61 690	Master Timer Circuit
25642	61 691	Maintenance Reader and Printer
25796	63 342	Test Control Circuit
25802	61 605, 675	Transverter Circuit
25803	61 679	Transverter Trouble Indicator Circuit
25804	61 605, 676	Transverter Connector Circuit
25868	61 126	District Junctor
25872	61 680, 682	Recorder Circuit
25875	62 203, 205	Incoming DP, RP, MF, STFD 1-2-4 Party

SCHEMATIC DRAWING NO.	HANDBOOK AND SECTION	NAME OF CIRCUIT
25876	62 207, 208	Incoming MF From No. 3 Toll
25877	62 207	Incoming MF from No. 3 Toll No Test
25883	62 207	Incoming MF from "A" Bd. 1-2-4 Party
25885	61 0.2	Alarm Transfer
25888	62 207	Incoming MF from "A" Bd. No Test
25947	63 341, 342	Test Control, Line Insulation
26184	61 170, 161.1, 162.1	Touch Tone to Dial Pulse Converter
26201	61 122.2	Junctor, Subscriber District, Non-Coin
26204	62 203, 305, 308	Incoming DP, RP MF, STFD 1-2-4 Party
26211	61 673	Auxiliary Transverter Link
26212	61 673	Auxiliary Transverter Link Misc.
27154	61 678.1	AMA Translator Line Verification Test Circuit
27556	61 144	OGT LAMA-ANI Operator Assistance and Special Toll
27557	61 144	OGT LAMA-ANI Operator Assistance and Special Toll
27602	61 105	Message Timer Circuit
27752	62 234	Line Circuit, LLP
27754	62 340	Translator Circuit
27755	62 230	Translator Connector Circuit
27756	62 230	Translator Preference Control Circuit
27758	62 231	Outgoing Sender Connector
27759	62 231	Outgoing Sender Connector
27760	62 231	Preference Control Circuit
27762	62 233	Dial Pulse Outgoing Sender
27763	62 232	Outgoing Sender Group Busy Circuit
27765	62 225, 231	Terminating Marker Applique Circuit
27766	62 233, 234, 235	DID Test Circuit
27810	61 162A, 162.1	Subscriber Sender
27815	61 144	OGT LAMA ANI Operator Assistance and Special Toll
27816	61 144	OGT LAMA ANI Operator Assistance and Special Toll
27821	62 236, 237	Direct Access Preference Control
27822	62 236, 237	Direct Access Pretranslator Conn.
27837	62 235	Misc. Ckt. for DID Test Frame
27960	62 225.4	Term. Mkr. Aux. Digit Registration and Translation Ckt.
27961	62 251, 253, 254	AIS Control and Conn. Ckt.
27962	62 252, 253	AIS Outgoing Sender
27963	62 254	AIS Loop Supv. Line Ckt.
27964	62 254	AIS E and M Supv. Line Ckt.
27965	62 252	AIS Sender Test Ckt.
27966	62 250	AIS Misc. Ckt.
28064	61 106	Misc. Ckt. for M.F. Receiver Fr.
28101	61 180	Trunk Scan Control Circuit
28102	61 180	Sender Test Connector Control Circuit
28103	61 180	Printer and Printer Control Circuit
28119	61 0.2	Alarm Release and Control Circuit.
28120	61 180	TRAP Circuit
90013	63 331	Test Set, 200 Type Selector
90048	62 331	Battery Supply, Lineman's Handset
90070	63 331	Misc. Tk. MDF, from LTD
90071	63 331	Misc. Tk. MDF, Bridge from LTD
90085	63 331	Door Opener

SCHEMATIC DRAWING NO.	HANDBOOK AND SECTION	NAME OF CIRCUIT
90086	63 331	Fire Drill
90209	63 331	Make Busy, Repair Service
90222	63 331	Telephone, MDF Loudspeaker
90230	63 331	Leads, PBX Ringing
90232	63 331	Feeder PBX Battery
90246	63 331	Recorder, Holding Time
90270	63 331	Misc. Tk., Test from No. 2 TD Varley 3
90403	63 331	Misc. Tk., Test from LTD Varley
90411	63 331	Misc. Test, 209 Type Relay
90430	63 331	Test Set, Patching Cord
90438	63 331	Cord and Jack, Make Busy
90448	63 314	Observing, Central Office Set No. 2
90449	63 314	Monitoring, Observing Cord
90450	63 331	Line, Manual
90451	63 331	Misc., Tk., Transferred Repair
90452	63 317	Cord, Recording Completing
90455	63 331	Grouping, "A" Position
90459	61 0.2	Control, "A" Bd. Coin
90463	63 314	Observing, Dial
90464	63 307	Alarm, "A" Board Night
90466	61 0.2	Register, Group Busy
90467	63 301	Jack, Answering
90468	63 301	Jack, Outgoing Trunk
90476	63 331	Cord, Toll Switch, CB Rural
90501	61 0.2	Misc. Test, Cord "A" Bd.
90506	63 331	Misc. Test, Test from LTD
90507	63 331	Relay, A Bd. Test Trunk
90543	63 331	Observing, Dial Pulse Repeater
90544	63 331	Observing, Desk Tel. from #11
90561	63 331	Line, Local Station
90562	63 314	Observing, Central Office Observing
90564	63 314	Jack, Monitoring and Observing
90574	63 331	Cord, Toll Switch Magneto Rural
90580	63 331	Observing Service Obs. for Use with #10
90586	61 0.2	Leads, Master Ringing
90587	63 331	Line, Plug Up
90588	63 517	Telephone, Plug Up Frame
90589	63 517	Misc. Tk., Test Plugging Up
90594	63 517	Signal, Aux. Plug Up Fr.
90595	63 331	Trunk, Two Way Maintenance to "A" Bd.
90615	63 331	Trunk, Desk to Sub. Line
90616	63 331	Tie Line, 2 Wire Auto
90622	63 331	Alarm, Make Busy
90626	63 331	Test Set, 1A Peg Count Checking
90642	61 0.2	Alarm, Inc. from Dial Office
91018	63 331	Clock, District Master
91019	63 331	Clock, Building Master
95005	63 331	Alarm, 60 Cycle Supply for 6 Volts
95012	63 331	Calculagraph, Motor Driven
95031	63 526, 527, 528	Control, Trunk Coin

SCHEMATIC DRAWING NO.	HANDBOOK AND SECTION	NAME OF CIRCUIT
95056	63 331	Test Set, Jack Testing
95083	63 305	Ringback, Emergency
95087	62 228	Receiving, MF Pulsing
95336	63 331	Line Emergency
95382	Various	Control, Indicator
95394	61 0.2	Position, Position with Dial
95405	61 0.2	Trunk, Maintenance Desk to "A" Bd.
95406	61 0.2	Tie Line, 3 Wire Auto.
95409	61 0.2	Line, Desks Local Station
95411	61 0.2	Long Line, Dial, with V2 Repeater
95413	61 126	Repeater, Incoming
95416	63 313	Keypad, MF-PC for "A" and "B" Bd.
95417	61 0.2	Alarm, Alarm Sending
95418	61 0.2	Alarm, Alarm Receiving
95425	63 312, 104	Outgoing, MF Pulsing
95436	63 340	Trunk TX
95471	63 312	Dial Pulsing OGT
95473	63 331	Supervisory, Coin and Overtime
→ 94830	61 145	911 Service Trunk
→ 94831	61 145	Timer and Ringback Circuit
95475	63 312	MF Key Pulsing OGT
95486	63 331	Trunk, Test
95493	63 331	Cord, Trouble Supervisory
95531	63 331	Cabinet, Traffic Register
95532	63 331	Line, Recorder's Talking
95537	63 341, 342	Test, Line Insulation
95545	63 331	Trunk, Test
95554	63 512.1	Permanent Signal Holding Trunk
95558	63 341	Connector, Teletypewriter
95673	63 331	Trunk, Official PBX
95674	63 331	Alarm and Interrupter, Ringing
96034	63 306	Dial Long Line PBX Group
96053	63 331	Transfer, "A" Bd. Lamp
96063	63 331	Test Set, Call Through
96064	63 306	Line Call Through Test
96068	63 331	Jack, Patching
96074	63 331	Misc. Tk., to MDF from LTD
96084	63 517	Line, Plug Up
96085	63 517	Timing, Plug Up Frame
96086	Various	Misc. Test, Jack
96087	63 331	Signal, Operating Room Calling
96096	63 302	Line, Incoming Trunk Test
96109	63 331	Line, Local Station, Station End
96114	63 331	Recorder Holding Time 48V
96120	Various	Jack, Test Battery
96121	63 331	Jack, 209 Relay Test
96128	63 331	Line, Private 24 or 48V
96130	63 316, 317	Cord, Special Service
96131	63 316, 317	Cord, Combination
96132	63 317	Cord, Splitting

SCHEMATIC DRAWING NO.	HANDBOOK AND SECTION	NAME OF CIRCUIT
96133	63 313	Keyset, "A" Position
96137	63 331	Trunk, Auto 2 Wire
96147	63 331	Line, Private 48V
96149	63 331	Trunk, "A" Bd. Interposition
96151	63 317	Telephone, "A" Operator
96153	63 317	Alarm, Fuse, "A" Bd.
96159	63 317	Telephone, "A" and "B" Combination
96163	63 322	Telephone, "A" Supv.
96164	63 301	Indicating Idle Trunk
96169	63 307	Incoming, "A" Bd. from #1 Toll
96185	63 331	Call Circuit, Incoming
96187	63 307	Incoming, Test Off. Mult. to LTD
96188	Various	Alarm, Audible and Visual
96189	63 307	Incoming, Central "A" Intercept
96193	63 331	Telephone, Combination A-B Supv.
96195	63 331	Trunk, 2 Way Auto.
96201	63 331	Clock, Miscellaneous
96209	63 511, 201, 531	Outgoing, Special Service N.C. Central "A"
96210	63 511, 201, 531	Outgoing, Special Service Coin Central "A"
96216	63 331	Trunk, Interoffice
96217	63 331	Alarm, Extension
96232	63 317	Dial, "A" Position
96235	63 331	Recorder, Answering Time
96238	61 0.2	Jack, Tone
96240	63 331	Line, Auxiliary
96251	63 331	Long Line, Dial CX Line Supv.
96252	63 331	Long Line, Dial CX Trs. Batt.
96261	63 331	Jack, MDF - Private Lines
96262	63 331	Lines, Order Clerk, C.O.
96275	63 331	Recorder, Ans. Time
96283	63 331	Incoming, "A" Bd. from CDO
96285	62 229	Sender, Central "B" Swbd. Part
96299	63 331	Tone, Demonstration
96301	63 331	Trunk, 2 Wire to Swbd. Two Way
96314	63 314	Monitoring, "A" Position Key
96330	61 0.2	Amplifier, 124C
96333	63 331	Incoming "A" Operator Recording
96334	63 331	Outgoing, to Manual
96343	63 331	Clock, 10 IPM
96348	61 0.2	Alarm, Cable Insulation
96354	63 331	Incoming, Aux. to Desks
96357	63 331	Signal, No Such Number Tone
96360	63 331	Switching, Answering Time Re.
96362	63 331	Test Set, Pulse Checking
96365	63 561	Incoming, Central "A" Special Service Coin
96367	63 331	Misc. Tk., OGTTF Test and MB
96370	61 143	Misc. Test OGTTF
96377	63 331	Telephone, Chief Switchmans
96279	63 309	Line, Local Frame
96387	61 104	Control, Line Load

SCHEMATIC DRAWING NO.	HANDBOOK AND SECTION	NAME OF CIRCUIT
96388	63 309	Misc. Fr. Out Tks. to Sdr. Tandem, Coin Zone
96394	63 331	Trunk, Two-Way to Toll Board
96395	63 331	Outgoing, to Toll Sw.
96398	63 331	Outgoing Aux. CX Signal
96405	63 331	Listening In, Operator Training
96410	63 331	Signal, Aux. Mtce. Desks
96412	63 331	Incoming, "A" Oper. Rec. Comp.
96413	63 331	Incoming, Tdm. Comp. STFD
96424	63 331	Test Set, Aux. Trunk
96425	63 331	Transfer, Emergency, Dial to Manual
96438	61 0.2	Keyset, MF-DC For Training
96440	61 0.2	Keyset, Combined "A" - "B" Bd.
96444	63 331	Alarm, Fuse
96448	63 331	Make Busy, Trunk
96479	61 169	Auxiliary Sender Circuit
96483	61 139	Auxiliary Sender Link
96491	61 169	Auxiliary Sender Misc.
96492	61 139	Auxiliary Sender Link, Misc.

Arrowed Lines indicate new
or changed information.

Manager, Product Engineering
Control Center

Reason for Reissue
To update and make minor corrections.