

SEQUENCE OF TESTS
AUTOMATIC NUMBER IDENTIFICATION

CONTENTS

1. GENERAL

2. SEQUENCE CHART

1. GENERAL

1.1 The test sequence chart at the end of this section illustrates the order in which the various tests should be performed.

1.2 These tests are arranged in this fashion in order to test first, the components upon which the operation of the succeeding tests are dependent.

1.3 Cross connection of the Primary Number Networks may be installed either by the shop prior to shipment or by the installer on the job. In either case, leads tests as described in Section 117, Paragraph 4, may be applied. See the precautionary notes in the general information of Section 117. Detailed trouble locating information is furnished in Section 117 to facilitate tracing troubles after cross connections are in place.

2. SEQUENCE CHART

2.1 Equipment or Operation column indicates the particular item of equipment to be tested or the particular test to be performed.

2.2 Test Method column indicates the particular section of Handbook 59 in which the test procedure will be found.

2.3 Job Test Interval

2.31 For best control of the job, actual dates should be indicated at the percentage points of the test interval portion of the chart to indicate actual elapsed time of the test interval.

2.32 The horizontal line shown for each test operation indicates the relative test sequence and the estimated interval during which the test should be made. It would be desirable to enter at the end of each line the planned completion date for the particular test or group of tests. The length of the line does not indicate the actual effort required, as this depends upon the number of equipment units to be tested.

2.33 As each test is completed, the test coordinator can indicate the progress of the job by underlining with red pencil the line shown on the chart for the particular test. In this way it can be determined at any time in the test interval whether planned operations are being completed on schedule.

3. TROUBLE ANALYSIS

3.1 In Panel or No. 1 Crossbar Offices the analysis of trouble appearing on trouble tickets can be facilitated by referring to the following BSP sections which cover this subject from a maintenance viewpoint:

BSP 215-601-301 Issue 2, Nov. 1962
(Panel)

BSP 216-901-301 Issue 2, Nov. 1962
(No. 1 Crossbar)

ANI Analysis and Clearance of Trouble NN and Primary Bus Ckt., Sec. Net. and Bus Connector Ckt.

BSP 215-601-302 Issue 2, Nov. 1962
(Panel)

ANI Analysis of Trouble Tickets

→ Arrowed lines indicate new or changed information.

Superintendent, Installation Engineering

ATTACHMENT

Chart on page 2.

Reason for Reissue:
To add information on shop cross connected Primary Number Networks.

Replaces Section 101 dated 4-20-61.

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EQUIPMENT OR OPERATION	TEST METHOD SECTION	JOB TEST INTERVAL			
		← 25% →	← 50% →	← 75% →	→
		DATE _____	DATE _____	DATE _____	
FUSING TEST	107	—			
LEADS TESTS (SECT 1) (PART 1)	108	—			
LEADS TESTS(SECT 11) (PART 2)	109	—			
LEADS TESTS	117 PAR. 4, 5	—			
TIMING TESTS	127	—			
OSCILLATOR CKT	113	—			
0-1 TEST FRAME	120	—	—		
IDENTIFIER	115	—	—		
OUTPULSER	116	—	—		
TRUNK TEST FRAME (PANEL AND NO.1 X-BAR)	122	—	—		
TRUNK TEST FRAME (STEP BY STEP)	123	—	—		
OUTPULSER CONN.	114	—	—		
PRIMARY AND SECONDARY NETWORKS	117	—	—	—	
TROUBLE TICKETER SUPPLEMENTARY TESTS	118	—	—		
TROUBLE TICKETER OPERATION TESTS	119	—	—		
PANEL OUTGOING TRUNKS	110	—	—	—	
NO. 1 CROSSBAR OUTGOING TRUNKS	111	—	—	—	
STEP BY STEP OUTGOING TRUNKS	112	—	—	—	
LINE VERIFICATION PANEL AND NO. 1 X-BAR	125 OR 117 PAR. 6	—	—	—	
LINE VERIFICATION STEP BY STEP	124 OR 177 PAR. 6	—	—	—	
PERMANENT SIGNAL AND OBSERVING ENTRY CONTROL	126	—	—	—	
TRAFFIC REGISTERS	128	—	—	—	
OUTPULSER CONNECTOR LOAD TEST	129	—	—	—	

TEST PLAN AND PROGRESS CONTROL
SEQUENCE OF TESTS