

INDEX OF TESTS
AMA SENDERS, SDR, TEST FRAME, CALLING LINE REGISTER
TRANSVERTER, TRANSLATOR, CONNECTOR, TRANSVERTER
TROUBLE INDICATOR, AND MASTER TIMES

1. GENERAL INFORMATION

1.1 This section with Sections 8A to 8F list the tests to be applied to AMA Senders, sender test frame, calling line register, transverter, transverter connector, translator, transverter trouble indicator and master timer. It also lists the performance requirements for this equipment. Test methods details and the associated testing equipment are contained in the separate sections listed herein. Cords and accessories are not listed, reference shall be made to the detailed methods for these items.

1.2 Test Planning and Control: Refer to Section 0 for information required prior to planning or conducting job test operations.

1.3 The notes referred to in the "SEE NOTES" column of Sections 8A to 8F are listed below.

1.4 Non AMA Equipment: Refer to Sections 2 to 6 for tests of Non-AMA equipment.

1.5 Sequence of Tests: Due to the variety of local job conditions and procedures no positive and definite sequence for performing all the tests contained in

sections of this series, which would be applicable to each job, is prescribed. However, it is recommended that, in general, the tests should be applied in the order indicated by the arrangement of tests in Sections 8A to 8F. Where feasible, and with due regard to prescribed intervals and cycles, supplementary tests (except those which are performed as a part of routine tests) should be performed before routine tests. When there is a preferred sequence to be followed in performing the tests contained in individual sections, this sequence is indicated in the general information paragraph of the section or the arrangement of the methods information.

2. REQUIREMENTS: Tests listed in this summary conform to the requirements of BSP 634.001 Performance Requirements Section for No. 1 Crossbar Offices.

3. SUPPLEMENTARY TESTS

3.1 Sections 8A to 8D list all the supplementary tests required on AMA senders, sender test frame, calling line register, multiple, translator, transverter, transverter connector, transverter trouble indicator and master timer.

4. ROUTINE TESTS

4.1 Subscriber Sender (See Note 2)

Name of Test	Routine No.	Frequency		Performance		Ave.No. Cycles Req'd	Test Set Required	Test Method	
		Min.	Max.	% Fail.	Last No. of Cycles			Sect.	Para.
Full Selector	2720A	1-1	5-1	0.3	10	20	SD-25221	662.1	3.02
Panel Call Ind.	2720B	1-1	10-1	0.3	15	25	Orig.Sdr.	662.1	3.03
Register Control	2720C	1-5	2-1	0.2	4	5	Test Frame	662.1	3.05
Late Release FS	2720D	1-10	1-1	0.2	2	3	"	662.1	3.05
Late Release PCI	2720E	1-10	1-1	0.2	2	3	"	662.1	3.06
Spl. Serv. Opr.	2720F	1-10	2-1	0.2	4	5	"	662.1	3.07
3-Digit Opr.	2720G	1-10	1-1	0.2	2	3	"	662.1	3.08
Off. & Inc. Overflow	2720H	1-5	3-1	0.2	6	10	"	662.1	3.09

4.2 Transverter (See Note 2)

Name of Test	Routine No.	Frequency		Performance		Ave.No. Cycles Req'd	Test Set Required	Test Method	
		Min.	Max.	% Fail.	Last No. of Cycles			Sect.	Para.
Transverter	2793	1-5	1-1	Clear	2	5	(SD-25221-01)	675	14

4.3 Translator

Test	Routine No.	Frequency		Performance		Ave.No. Cycles Req'd	Test Set Required	Test Method	
		Min.	Max.	% Fail.	Last No. of Cycles			Sect.	Para.
Operate	2798	1-5	1-1	Clear	2	4	SD-25221	678	12.31
Overflow	2798	1-5	1-1	Clear	2	4	SD-25221	678	12.32

4.4 Master Timer

<u>Test</u>	<u>Routine No.</u>	<u>Frequency</u>		<u>Performance</u>		<u>Ave.No. Cycles Req'd</u>	<u>Test Set Required</u>	<u>Test Method</u>	
		<u>Min.</u>	<u>Max.</u>	<u>% Fail.</u>	<u>Last No. of Cycles</u>			<u>Sect.</u>	<u>Para.</u>
Master Timer	-	1-5	1-1	Clear	2	4	-	690	21

NOTES:

NOTE 1: The test of transverter to recorder multiple per Section 677 should be made before fuses are installed in the recorders, transverter trouble indicator and transverter circuits.

NOTE 2: Transverter routine No. 2793 may be combined with sender routines 2710A and 2710B. Charge trouble to equipment and routine number where trouble is found.

NOTE 3: Rubber caps per KS-14378 should be furnished with the job. These caps are to be placed over the cold cathode tubes 430A when making the tube operate tests per Section 678 of this handbook. It will be sufficient to use the caps on the first operate tests to eliminate defective tubes and on the last cycle of routine test.

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Reason for Reissue:
To change Paragraph numbers for
Section 678.

Replaces Section 8 dated 9-20-51