

TESTS OF THE CONTROL AND
 CONNECTOR CIRCUIT FOR AUTOMATIC
 INTERCEPT SERVICE WITHOUT
 LINE LINK PULSING

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1. GENERAL INFORMATION

1.1 Description of Tests: This section describes a method of performing supplementary tests on the Automatic Intercept Service Control and Connector Circuit, SD-27961-01. The routine operational functions of the AIS Control and Connector Circuit are tested in conjunction with the tests of the AIS Outgoing Sender (SD-27962-01), the AIS Line Circuits (SD-27963-01 and SD-27964-01) and the Terminating Marker (SD-25283-01).

2. RECORDS AND REQUIREMENTS

2.1 Records: Forms SD-4-1313 and SD-4-1315 are required for recording the results of these tests.

2.2 Requirements: The tests of this Section must be applied to meet the equipment performance requirements per BSP 816-007-181.

3. TEST EQUIPMENT

3.1 Test Accessories

<u>Amt</u>	<u>Code</u>	<u>Description</u>	<u>With ITE</u>
As Req'd	KS-16887L1 or 768A	Blocking Wedge	4023

4. LINE AND SENDER PREFERENCE

4.1 Apply Steps 1 to 20 of Table A.

NOTE: If less than four senders and less than ten line circuits are equipped, continue test to include operation and release of the highest numbered SS- and LS- relay. After the highest numbered SS- & LS- relays tested, the SSO & LSO at beginning of preference chain will operate instead of relays noted in Table A.

- 4.2 Block operated relay SB in Sender 0. Repeat steps 1 to 6, Table A, first selecting the line circuit at AIS Sender Test Circuit corresponding to relay TM- specified. Verify the next higher SS- and LS- relay (than designated by Table A) operates.
- 4.3 Repeat paragraph 4.2 for Sender 1 and steps 7 to 10.
- 4.4 Repeat paragraph 4.2 for Sender 2 and steps 11 to 16.
- 4.5 Repeat paragraph 4.2 for Sender 3 and steps 17 to 20.

TABLE A

Step	Block Operated Relays	Release Relays	Result	0 = Operate R = Release
1	NGK & TM0		Relays	SS0 & LS0 O
2		NGK & TM0		SS0 & LS0 R
3	NGK & TM7			SS0 & LS7 O
4		NGK & TM7		SS0 & LS7 R
5	NGK & TM9			SS0 & LS9 O
6		NGK & TM9		SS0 & LS9 R
7	NGK & TM1			SS1 & LS1 O
8		NGK & TM1		SS1 & LS1 R
9	NGK & TM4			SS1 & LS4 O
10		NGK & TM4		SS1 & LS4 R
11	NGK & TM2			SS2 & LS2 O
12		NGK & TM2		SS2 & LS2 R
13	NGK & TM5			SS2 & LS5 O
14		NGK & TM5		SS2 & LS5 R
15	NGK & TM8			SS2 & LS8 O
16		NGK & TM8		SS2 & LS8 R
17	NGK & TM3			SS3 & LS3 O
18		NGK & TM3		SS3 & LS3 R
19	NGK & TM6			SS3 & LS6 O
20		NGK & TM6		SS3 & LS6 R

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