

NO. 3 ESS  
GENERAL INFORMATION  
OPERATIONAL TESTS  
TRUNK CIRCUITS

CONTENTS

1. GENERAL INFORMATION  
2. RECORDS AND REQUIREMENTS  
3. TEST EQUIPMENT  
4. PROCEDURES

1. GENERAL INFORMATION

1.1 Description

1.11 This section and associated point sections provide methods for performing operational tests on all No. 3 ESS trunk circuits. Following is a list of those trunks and their associated sections:

<u>Section</u>	<u>Circuit</u>	<u>Description</u>
612.370	SD-3H220 CPS-FB370	No. 3 ESS, Incoming Reverse Battery Delay Dial Trunk Circuit
612.371	SD-3H220, CPS-FB371	No. 3 ESS, Incoming Reverse Battery, Wink or Bylink Trunk Ckt
612.382	SD-3H220, CPS-FB382	No. 3 ESS, Two-Way E&M Trunk Circuit with Wink Start Type II Signaling
612.391	SD-3H220, CPS-FB391	No. 3 ESS, Two-Way E&M Trunk Circuit with Wink Start Type III Signaling
612.399	SD-3H220, CPS-FB399	No. 3 ESS, Outgoing High-Low Reverse Battery Trunk Ckt
612.519	SD-3H520 CPS-FB519	No. 3 ESS, Incoming Local Test Desk Trunk Circuit

1.2 Prerequisites

1.21 Sections 535 and all 610 point sections of HB 269 must be successfully completed prior to the performance of this section.

1.3 References

1.31 Basically, wiring between units, e.g., between the Universal Trunk Unit, SD-3H220, and other units on the frame, is detailed on SD-3H901, Network Frame Circuit. Wiring between circuit packs within a unit is detailed on that unit's

SD. For detailed information on the trunk's operation, consult the Circuit Pack Schematic, e.g., CPS-FB370.

1.32 For detailed descriptions of circuits, consult that circuit's CD document.

1.4 Cross-Connections

1.41 All cross-connections from the trunk being tested to the Network Frame and to applicable applique circuits must be installed prior to these tests.

1.42 Cross-connections from the trunk being tested to circuits outside the No. 3 ESS must be removed prior to the performance of these tests and then reconnected after testing.

2. RECORDS AND REQUIREMENTS

2.1 Records

2.11 The results of the tests of these sections shall be recorded on forms SD-97-1313 and SD-97-1315. For detailed information on filling out test records, see Section 6B, Handbook 3.

2.12 Each point section contains a sample information worksheet to aid in the organization and performance of these sections.

2.2 Requirements

2.21 The tests of these sections are based on the No. 3 ESS Performance Requirements, BSP 820-650-180.

3. TEST EQUIPMENT

3.1 Test Sets

3.11 Each point section will require the use of (2) 1500D TT Telephones (provided by the Telephone Company).

In addition, one ITE-4631, Test Receiver Set, and six ITE-9172s, Test Cords will be required. Both of these sets are provided in ITE-5653, No. 3 ESS Test Accessory Set.

3.12 In addition to the equipment listed in 3.11, incoming trunk groups will require an ITE-5158, Incoming Trunk Test Set and the ITE-9265 Power Cord provided with the set.

3.13 In addition to the equipment listed in 3.11, outgoing trunk groups will require an ITE-5267, Miscellaneous Trunk Test Set and the ITE-9265 Power Cord provided with the set. Also, if the outgoing group has coin control capabilities, a 1C2 coin telephone should be provided by the Telephone Company.

3.14 Two-way trunk groups will require all of the above equipment with the possible exception of the 1C2 coin telephone.

### 3.2 Connection and Setup

3.21 The individual point section provides the detailed information on the connection, setup, and operation of the test equipment.

## 4. PROCEDURE

4.1 The specific test procedure for each trunk circuit is detailed in that circuit's applicable point section (see paragraph 1.11).

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