

## ASSOCIATING CONNECTOR TERMINALS WITH INTERCEPTING TRUNKS STEP-BY-STEP AND COMMUNITY DIAL OFFICES

### 1. GENERAL

1.01 This appendix supplements Section 226-165-300.

1.02 It is issued to:

(a) Include information about the use of the DX-1041 and DX-1042 intercepting connectors. These are used in place of intercepting straps on the intermediate distributing frames in panel and step-by-step offices.

(b) Describe a test circuit that can be made locally to test the connectors.

1.03 These connectors are standard for use in the Pacific Company. Other connectors, including the KS-20590-type described in Part 3 of Section 226-165-300, Issue 5, shall not be used.

### 2. APPARATUS

2.01 The DX-1041 intercepting connector is used with the new-type terminal strips where each terminal is higher than the one in front of it. (See Figure 1.)

- RED — For Recorded Intercept
- YELLOW — For Operator Intercept

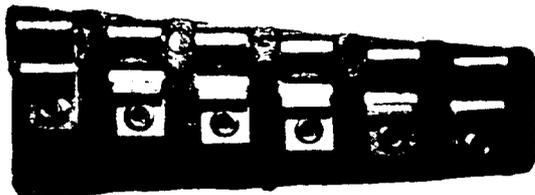


Figure 1 — DX-1041 Connector

2.02 The DX-1042 connector is used with older-type terminal strips where the first four or five terminals are the same height. (See Figure 2.)

- RED — For Recorded Intercept
- YELLOW — For Operator Intercept



Figure 2 — DX-1042 Connector

2.03 Another piece of apparatus used is the 1011G Handset or an equivalent.

### 3. METHOD

3.01 Remove all excess solder from the terminals of the line to be intercepted.

3.02 Determine the proper type of interception for the line and use the correct type of connector.

- (a) OPERATOR INTERCEPT — YELLOW Connector
- (b) RECORDED INTERCEPT — RED Connector

3.03 Press the connector down on the terminals so that the tip, ring and sleeve of the telephone number are bridged with the intercepting terminals. (See Figure 3.)

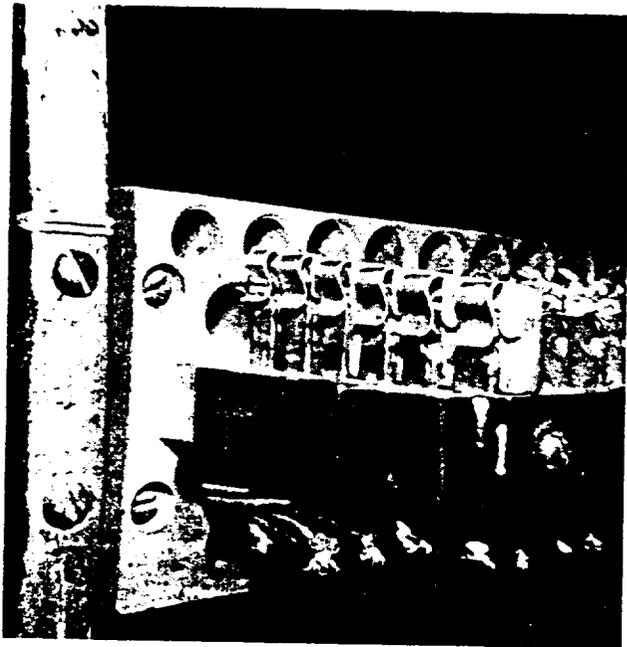


Figure 3 – Connector Placed in Intercepted Line

3.04 To prevent placing the connector in a reversed position, the small end of the connector is placed closest to the workman with the spring contacts to his left. (See Figure 3.)

3.05 Dial the intercepted telephone number to make sure that it is connected to the proper type intercepting.

3.06 When soldering on terminals adjacent to intercepted lines, remove the connector. After soldering is completed, replace the connectors and test lines as described in 3.05.

#### 4. TESTS

4.01 A test circuit may be made locally to facilitate testing the connectors. (See Figure 4.)

4.02 Use the test circuit as follows:

(a) Use the first row of lugs to test both types of connectors for continuity. The lamp should light.

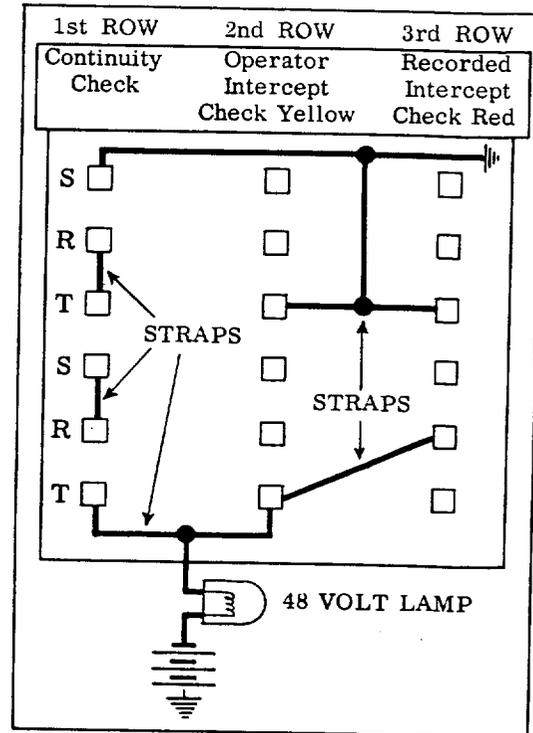


Figure 4 – Test Circuit for Intercepting Connectors  
INSTALL ON SPARE LUGS

NOTE: Gently wiggle the connector. The lamp should not flicker.

(b) For operator intercepting connectors:

- (1) Place YELLOW connectors on the second row of terminals. The lamp should light.
- (2) Place YELLOW connectors on the third row of terminals. The lamp should not light.

(c) For recorded intercepting connectors.

- (1) Place RED connectors on the third row of lugs. The lamp should light.
- (2) Place RED connectors on the second row of lugs. The lamp should not light.