

**LINE JUNCTOR REDISTRIBUTION**  
**4IL & 4LCC to 7IL & 7LCC**

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1. GENERAL

1.1 This section covers the redistribution of line junctors

From:

ED-25713-10, Chart 3, 4IL & 4LCC with 80 junctors per HC

To:

ED-25713-10, Chart 6, 7IL & 7LCC with 84 or 91 junctors per HC

2. PREPARATION FOR ROUTINE OF INCOMING TRUNKS

2.1 Preparation for routine of incoming trunks are made as specified in Handbook 40, Section 90, Paragraph 3.

2.2 Paragraph 3.4 of Section 90 refers to temporary cross-connections in the term. marker frames.

2.21 These cross-connections are as follows:

- JR4 to JGA4  
JGE4
- JR5 to JGA5  
JGE5
- JR6 to JGA6  
JGE6

2.3 No cross-connections are to be removed. The cross-connections specified in Paragraph 2.21 are to be installed over the existing connections.

3. STEP NO. 1 TERM. MARKERS

3.1 Remove each marker from service and block to use 1st subgroup junctors only, per SD-25511-01, Table 11, for 4 incoming frames.

3.2 Remove the temporary cross-connection installed, in Paragraph 2.21.

3.3 Change the present cross-connections per T-25283-53 to agree with T-25283-56.

3.4 At the completion of Paragraph 3.3 on each marker, block to use 1st subgroup per SD-25511-01, Table 11, for 7 incoming frames and return to service.

4. STEP NO. 2 LINE JUNCTOR CONNECTOR FRAME

4.1 Change the M-J strap of the LGA & LJB terminal strips per Figure 1.

Line Choice Number	0	1	2	3	4	5	6	7	8	9
From T-25275-18		Fig 7	Fig 8	Fig 9						
To T-25275-18		Fig 3	Fig 3	Fig 3						

FIG. 1 MODIFICATION OF M AND J STRAPS (Par. 4.1)

5. STEP NO. 3 LINE JUNCTOR GROUPING FRAME

5.1 Disconnect all cross-connections except those shown in Figure 2.

Line Choice	Inc. Frame	Channel	Line Link Vertical							
			6	5	4	3	2	1	0	
9A	9	0, 4, 8				3R	2R	1R	OR	
9B		0, 4, 8				3L	2L	1L	OL	

FIG. 2 REUSED CROSS-CONNECTIONS (Par. 5.1)

5.2 Connect 180 1st subgroup junctor (Cabled Junctors)

5.3 Connect the cross-connections not connected in the preliminary work. There are 228 junctors to be cross-connected as specified on ED-25713-10, Chart 6.

6. STEP NO. 4 TIP RING AND SLEEVE TEST

6.1 Buzz test the T and R of all junctors established under Paragraphs 5.2 and 5.3.

6.2 Remove a marker from service and use this marker and the TTI to check the sleeves of all 1st subgroup junctors.

6.3 Block this marker, per SD-25511-01, Table 11 to use 2nd subgroup junctors only for 7 I, and use the marker and the TTI to check the sleeve of all 2nd subgroup junctors.

6.4 Remove the blocks from all the markers, and after making any necessary checks, restore them to service.

**7. CLEAN-UP WORK**

7.1 The markers and junctors are now operating in the standard manner for the 7 I - 7 LCC distribution and the incoming trunks in frames 4, 5 and 6 may now be loaded.

7.2 The JPL relay per SD-25511-01, shall be left in place for use in future transitions.

No arrows are shown due to extensive changes.

Engineer of Installation

Reason for Reissue:  
Complete handbook revision.

Replaces Section 42C9 dated 6-19-47.