

LINE JUNCTOR REDISTRIBUTION

5IL - 5LCC to 7IL - 7LCC

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1. GENERAL

This section covers the redistribution of line junctors

From:
ED-25713-10 Chart 4, 5IL & 5LCC with 100 junctors per HC

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

2. PREPARATION OF ROUTINE FOR INCOMING TRUNKS

2.1 Preparation for tests 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.

2.21 These cross connections are as follows;

JR5 - JGA5
JGE5
JR6 - 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. MARKER

3.1 Remove each marker from service and block to use 1st subgroup junctors only, per SD-25511-01, Table 11, for 5 incoming frames.

3.2 Remove the temporary cross connections installed under Paragraph 2.21.

3.3 Change the present cross connections per T-25283-54, 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 straps of the LJA & LJB terminal strips per Figure 1.

Line Choice Number	0	1	2	3	4	5	6	7	8	9
From T-25275-18		Fig 10	Fig 11	Fig 12	Fig 13					
To T-25275-18		Fig 3	Fig 3	Fig 3	Fig 16					

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	
8A	8	3,7					4R			
8B		3,7					4L			
8A	8	0,4,8				OR				
8B		0,4,8				OL				
9A	9	0,4,8				4R	3R	2R	1R	OR
9B		0,4,8				4L	3L	2L	1L	OL

Figure 2 Reused Cross Connections (PAR 5.1)

5.2 Connect the 300 1st subgroup junctors (cabled junctors)

5.3 Connect the cross connections not connected in the preliminary work. There are 206 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 Paragraph 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 sleeves of all 2nd subgroup junctors.

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

No arrows are shown due to extensive changes.

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 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.

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