

LINE JUNCTOR REDISTRIBUTION
2IL-2LCC to 3IL-3LCC

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1. GENERAL

1.1 This section covers the redistribution of line junctors

FROM:

ED-25713-10, Chart 1, 2 IL & 2 LCC with 80 junctors per HC

TO:

ED-25713-10, Chart 2, 3 IL & 3 LCC with 120 junctors per HC.

2. PREPARATION FOR ROUTINE OF 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 frames.

2.21 These cross connections are as follows:

JR2 to JGA2
JGB2
JGC2
JGE2

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 except the last and block to use 1st subgroup junctors only, per SD-25511-01, Table 11, for 2 incoming frames and return marker to service.

3.2 Remove last marker from service; remove the temporary cross-connections installed under Paragraph 2.21.

3.3 Change the present cross-connections per T-25283-51 to agree with T-25283-52.

3.4 At the completion of Paragraph 3.3, block the marker to use 1st subgroup per SD-25511-01, Table 11, for 3 incoming frames and return to service.

3.5 Repeat the procedure described in Paragraphs 3.1 to 3.4 in each of the other markers, and return marker 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 4								
To T-25275-18		Fig 5								

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.

5.2 Connect the cross connections not cross connected in the preliminary work. There are 200 junctors to be connected as specified on ED-25713-10, Chart 2.

Line Choice	Inc. Frame	Channel	Line Link Vertical		
			2	1	0
4A 4B	4	0-9		1L 1R	OL OR
5A 5B	5	0-9		OR OL	
6A 6B	6	0-9			1L 1R
7A 7B	7	0-9		OR OL	
8A 8B	8	0-9			1R 1L
9A 9B	9	0-9		1R 1L	OR OL

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

6. STEP NO. 4 TIP, RING AND SLEEVE LIST

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

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

6.3 Block this marker, per SD-25511-01, Table 11 to use 2nd subgroup junctions only for 3 I, and use the marker and the TTI check the sleeves of all 2nd subgroup junctions.

6.4 Block this marker, per SD-25511-01, Table 11 to use 3rd subgroup junctions only for 3 I, and use the marker and the TTI to check the sleeves of all 3rd subgroup junctions.

No arrows are shown due to extensive changes.

6.5 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 junctions are now operating in the standard manner for the 3 I - 3 LCC distribution and the incoming trunks in frame 2 may now be loaded.

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

7.3 The "C" step walking circuit relays JGC, RTC', RTC and OVC, per SD-25283-0104, Figure 18, shall be removed.

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