

LINE JUNCTOR REDISTRIBUTION
21L-2LCC TO 51L-5LCC

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1. GENERAL

1.1 This section covers the redistribution of line junctors.

From:

ED-25713-10 Chart 1, 21L and 2LCC with 80 junctors per HC.

To:

ED-25713-10 Chart 4, 51L and 5LCC with 100 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 term. marker frames.

2.21 These cross connections are as follows:

- JR2 to JGA2
- JGB2
- JGC2
- JGE2
- JR3 to JGA3
- JGB3
- JGC3
- JGE3
- JR4 to JGA4
- JGB4
- JGC4
- JGE4

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 2 incoming frames.

3.2 Remove the temporary connections installed under Paragraph 2.21.

3.3 Change the present cross connections per T-25283-51 to agree with T-25283-54.

3.4 At the completion of Paragraph 3.3 on each marker, block to use 1st subgroup per SD-25511-01, Table 11 for 5 incoming frames and return to service.

4. STEP NO. 2 LINE JUNCTOR CONNECTOR FRAME

4.1 Change the M-J straps of the LJA and 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 10								

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

FIG. 2 REUSED CROSS CONNECTIONS (Par. 5.1)

5.2 Connect 80 1st subgroup junctors (cabled junctors).

5.3 Connect the cross connections not connected in the preliminary work. There are 440 junctors to be connected as specified on ED-25113-10, Chart 4.

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 5 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.

7. CLEAN-UP WORK

7.1 The markers and junctors are now operating in the standard manner for the 5 I - 5 LCC distribution and the incoming trunks in frames 2.3 and 4 may now be loaded.

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

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

Arrows omitted due to extensive revisions.

Engineer of Installation