

LINE JUNCTOR REDISTRIBUTION
5IL-5LCC TO 6IL-6LCC

CONTENTS

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|--|---|
| <p>1. GENERAL</p> <p>2. PREPARATION FOR ROUTINE OF INCOMING TRUNKS</p> <p>3. STEP NO. 1 TERM. MARKER</p> <p>4. STEP NO. 2 LINE JUNCTOR CONNECTOR FRAME</p> | <p>5. STEP NO. 3 LINE JUNCTOR GROUPING FRAME</p> <p>6. STEP NO. 4 TIP, RING AND SLEEVE TEST</p> <p>7. CLEAN-UP WORK</p> |
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1. GENERAL

1.1 This section covers the redistribution of line junctors.

From:
ED-25713-10, chart 4, 5IL and 5LCC with 100 junctors per HC.

To:
ED-25713-10, chart 5, 6IL and 6LCC with 90 junctors per HC.

2. PREPARATION FOR ROUTINE OF INCOMING TRUNKS

2.1 Preparation for test 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 frame.

2.21 These cross connections are as follows:

JR5 to JGA5
JGE5

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-25283-55.

3.4 At the completion of Paragraph 3.3 on each marker, block to use 1st subgroup per SD-25511-01, Table 11, for 6 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 2	Fig 14	Fig 14	Fig 15					

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						
			5	4	3	2	1	0	
7A	7	1,3,5,7,9			OR				
7B		1,3,5,7,9			OL				
8A	8	1,3,5,7,9			4R		2R		
8B		1,3,5,7,9			4L		2L		
8A	8	0,2,4,6,8		OR					
8B		0,2,4,6,8		OL					
9A	9	0,2,4,6,8		4R	3R	2R	1R	OR	
9B		0,2,4,6,8		4L	3L	2L	1L	OL	

FIGURE 2 REUSED CROSS CONNECTIONS (Par. 5.1)

5.2 Connect the 200 1st subgroup junctors (cable junctors).

5.3 Connect the cross connections not connected in the preliminary work. There are 270 junctors to be connected as specified on ED-25713-10, chart 5.

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 II to use 2nd subgroup junctors only for 6 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 6 I - 6 LCC distribution and the incoming trunks in frame 5 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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