LINE JUNCTOR REDISTRIBUTION

6IL-6LCC TO 7IL-7LCC

CONTENTS

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1. GENERAL

1.1 This section covers the redistribution of line junctors.

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

To:
ED-25713-10, chart 6, 7IL and 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.

2.21 These cross connections are as follows:

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. MARKER

3.1 Remove each marker from service and block to use 1st subgroup junctors only, per SD-25511-01, Table 11, for 6 incoming frames.

3.2 Remove the temporary cross connections installed under Paragraph 2.21.

3.3 Change the present cross connections per T-25283-55 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 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 2	Fig 14	Fig 14	Fig 15	Fig 15				
To T-25275-18		Fig 3	Fig 3	Fig 3	Fig 16	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	1,5,9		0R			5R		
8B		1,5,9		0L			5L		
8A	8	2,6				5R	4R		
8B		2,6				5L	4L		
8A	8	3,7			1R	4R			
8B		3,7			1L	4L			
8A	8	0,4,8		1R	0R				
8B		0,4,8		1L	0L				
9A	9	0,4,8		5R	4R	3R	2R	1R	0R
9B		0,4,8		5L	4L	3L	2L	1L	0L
9A	9	1,5,9		4R		2R		0R	
9B		1,5,9		4L		2L		0L	
9A	9	3,7			5R		3R		1R
9B		3,7			5L		3L		1L

FIGURE 2 REUSED CROSS CONNECTIONS (Par. 5.1)

5.2 Connect 120 1st subgroup junctors (cabled junctors).

5.3 Connect the cross connections not connected in the preliminary work. There are 140 junctors to be cross connected as specified on ED-25713-10, chart 6.

6. STEP NO. 5 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 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 7 I - 7 LCC distribution and the incoming trunks in frame 6 may now be loaded.

→ Arrowed lines indicate new or changed information.

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

R. E. RAHMES

Engineer of Installation

Reason for reissue:
Correct Figure 2.

Replaces Section 107 dated 10- 7-54.