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- 1. GENERAL
- 1.1 This section covers information of a general nature designed to supplement and clarify the instructions contained in the procedures 13 to 34, covered by Sections 35 to 56. The 22 procedures furnished, are applicable to 22 different kinds of Common No. 1 Crossbar and Crossbar Tandem Central Office additions.
- 2. PROCEDURE INDEX
- 2.1 The selection of the proper procedure for a specific job may be made from the Procedure Index Table, shown on Figure 1.
- 3. BASIS OF PREPARATION
- 3.1 These procedures have been prepared so as to outline the transition changes necessary when modifying a job installed per a certain drawing figure to agree with another certain drawing figure.
- 4. SEQUENCE OF OPERATIONS
- 4.1 Each operation in a procedure is expected to be completed before starting on the next operation unless special mention is made to the contrary. However, the wiring portion contained within an operation may be performed in any order or sequence, and finally followed by the test.
- 5. JUNCTOR SLEEVE TEST
- 5.1 The junctor sleeve test may be accomplished by using the OTI frame and any originating marker. In order to seize an added office link by the marker that is to be used for test, it will be necessary to establish a temporary code point with temporary route relay cross-

connections. It may prove helpful to hold the marker busy during the test. This test is intended to verify the sleeve conductors for the portion of the junctor equipment worked on.

- 6. CHANNEL TEST
- 6.1 If approved by the operating company, make channel test as specified in Handbook 61, Section 142 for No. 1 Crossbar or Handbook 65, Section 307 or 321 for Crossbar Tandem.
- 6.2 This test may be made after the junctor sleeve test.

Drawing Figure Change Per Job Specification				Pro- ce- dure Num- ber	Sec- tion Num- ber
Present Drawing	Fig	After Add. Drawing	Fig.		
ED-25016-01	5	ED-25016-01	6	13	35
"	5	"	7	14	36
"	5	"	8	15	37
"	6	"	7	16	38
"	6	"	8	17	39
"	6	ED-25012-01	1	18	40
"	7	ED-25016-01	8	19	41
"	7	ED-25012-01	1	20	42
"	7	"	2	21	43
"	8	"	1	22	44
"	8	"	2	23	45
"	8	"	3	24	46
ED-25012-01	1	"	2	25	47
"	1	"	3	26	48
"	1	"	4	27	49
"	2	"	3	28	50
"	2	"	4	29	51
"	3	"	4	30	52
"	3	"	5	31	53
"	4	"	5	32	54
"	4	"	6	33	55
"	5	"	6	34	56

FIG. 1 PROCEDURE INDEX (Par. 2.1)

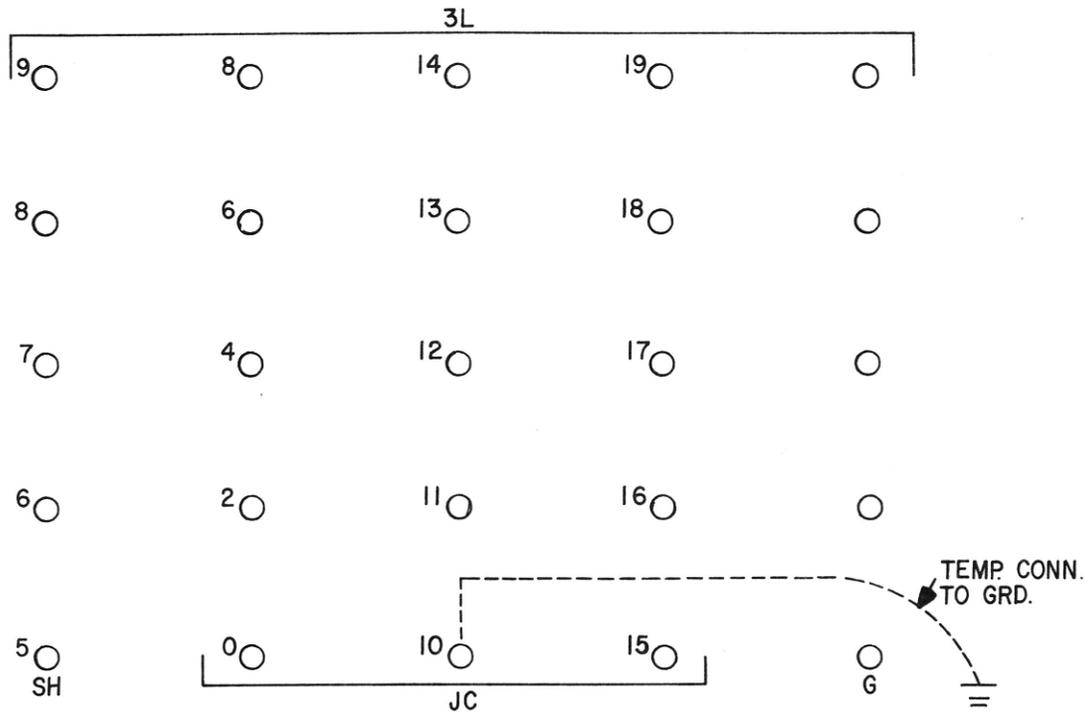


FIG. 2 PART OF SHX TERMINAL STRIP ON DL FRAME 0 ASSOCIATED WITH 3L SEC. SW. (Par. 7.3)

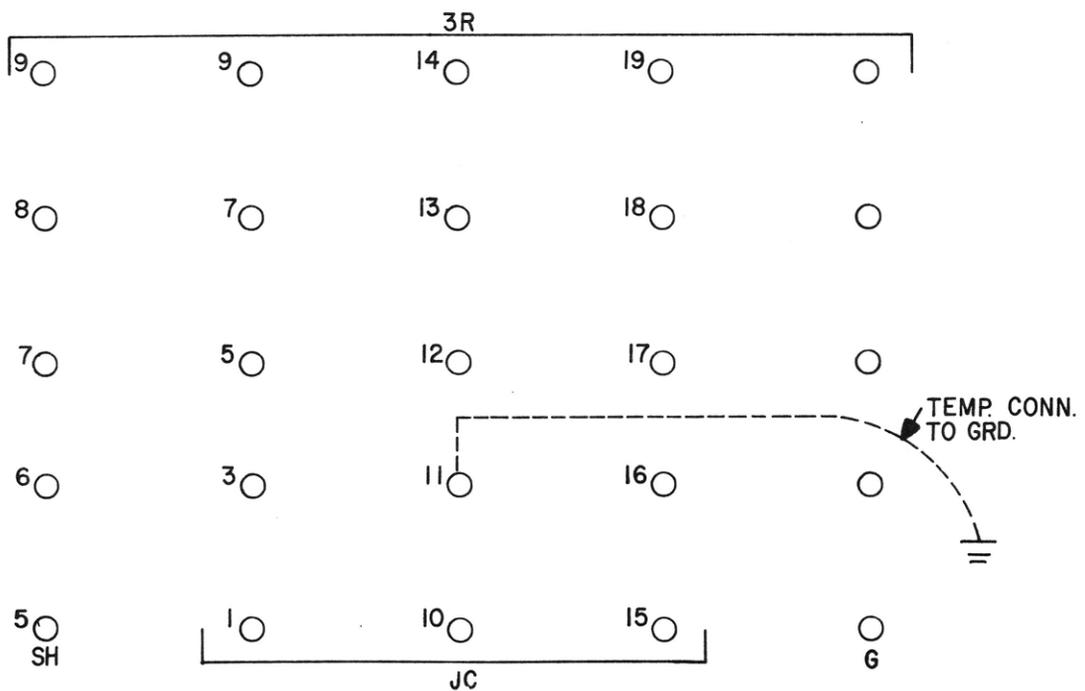


FIG. 3 PART OF SHX TERMINAL STRIP ON DL FRAME 0 ASSOCIATED WITH 3R SEC. SW. (Par. 7.3)

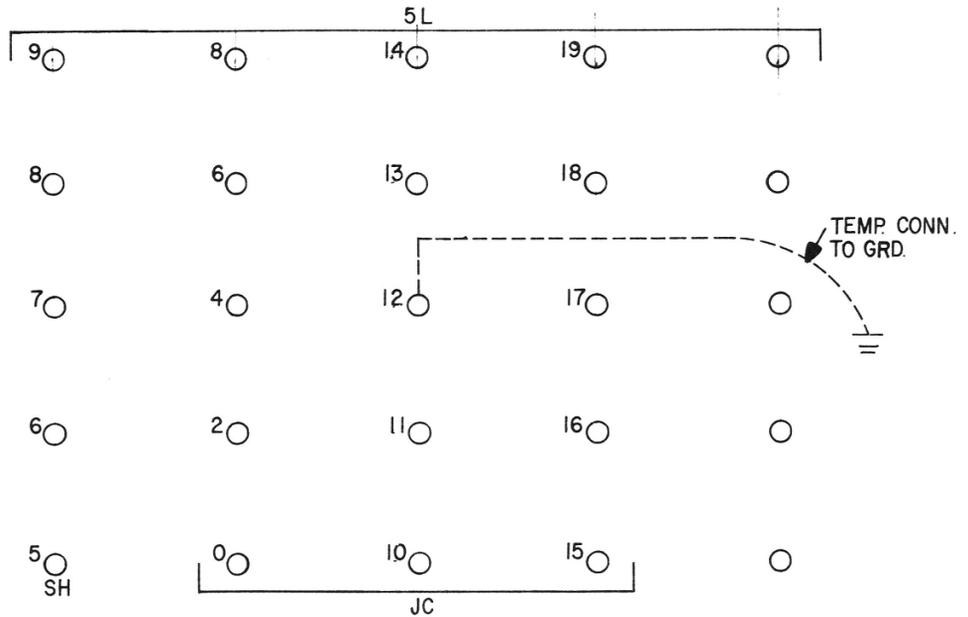


FIG. 4 PART OF SHX TERMINAL STRIP ON DL FRAME 0 ASSOCIATED WITH 5L SEC. SW. (Par. 7.3)

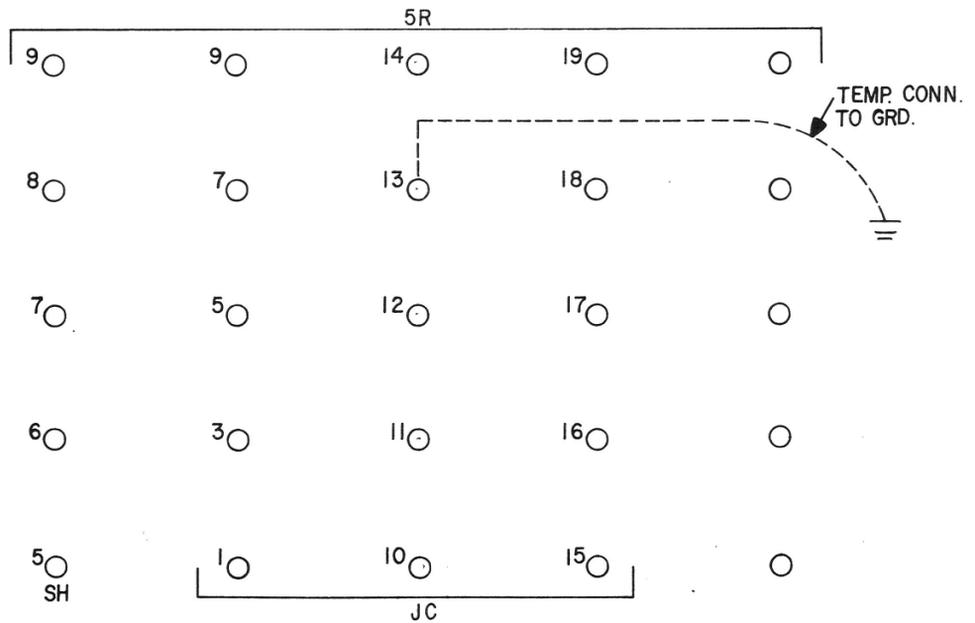


FIG. 5 PART OF SHX TERMINAL STRIP ON DL FRAME 0 ASSOCIATED WITH 5R SEC. SW. (Par. 7.3)

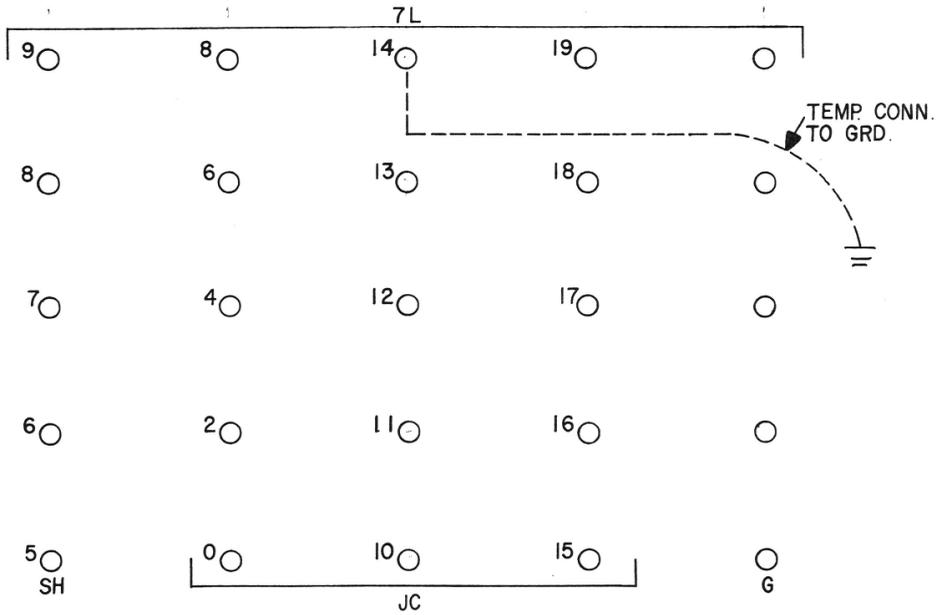


FIG. 6 PART OF SHX TERMINAL STRIP ON DL FRAME 0 ASSOCIATED WITH 7L SEC. SW. (Par. 7.3)

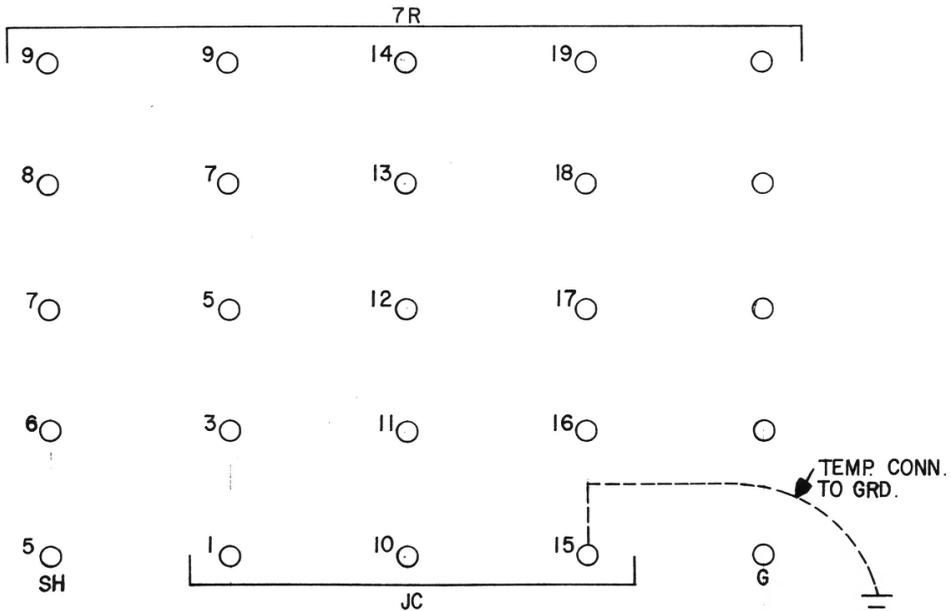


FIG. 7 PART OF SHX TERMINAL STRIP ON DL FRAME 0 ASSOCIATED WITH 7R SEC. SW. (Par. 7.3)

6.3 If the Operating Company does not wish to release the equipment necessary to make the channel test, it may be omitted.

7. METHODS OF LOCATING JC RELAY CONTACTS THAT MUST BE GROUNDED DURING TRANSITION

7.1 During transitions in dial units having more than 10 office link frames, there are certain junctors whose district link frame secondary switch hold magnets (or verticals) must be disconnected from one JC relay and reconnected to another JC relay. Some of these junctors are those that are shown on the "Office Junctor Assignment Charts" which have their DISTRICT LINK ends enclosed in a heavy rectangle or square. In general they are associated with JC relays 10 to 19 on all working district link frames.

7.2 During the transition work at the office junctor grouping frame, these particular junctors must be made busy to the markers. This is done by connecting temporary ground to the punching for the JC RELAY CONTACT at the SHX terminal strip on the district link frame. These temporary ground connections may be made at the rear of the SHX terminal strip, so that they will not interfere with the removal of old cross-connections and addition of new cross-connections on the front.

7.3 Figures 3 to 8 are shown as examples in determining how to place temporary ground straps for district link frame 0 for those junctors whose DISTRICT LINK ends are enclosed in a heavy rectangle or square, as shown on drawing ED-25012-014, Fig. 4 The SHX terminal strip for this case would be shown on drawing T-25031-21. However, this drawing shows only permanent wiring and therefore this temporary ground wiring would not be shown. For other district link frames shown

on drawing ED-25012-014, Figure 4, the procedure for placing the temporary ground straps would be the same, but the JC punchings would vary. The JC relay contacts that must be grounded for the examples, shown on Figures 3 to 8, are as follows:

Contact on JC Relay	Associated with Sec. Sw.
10	3L
11	3R
12	5L
13	5R
14	7L
15	7R

8. REMOVAL OF MARKER RELAY EQUIPMENT

8.1 P & PA Relays (Fig. 18 & 21 on SD-25016-0102): Whenever the job specification specifies the disconnection and removal of this equipment, it will be permissible to delay this work until after the completion of the transition procedure. The work can then be done on a normal installing basis.

8.2 CB Relays (Fig. 17 AJ & AK App. on SD-25016-0103): Whenever the job specification specifies the disconnection and removal of the CBA (1 to 5), CBB (1 to 5) and CBC relays, it will be permissible to delay this work until after the completion of the transition procedure. The work can be done on a normal installing basis.

8.21 However, during the marker modification, the operated blocked condition should be removed from the CBA3 relay and this relay as well as all other CB relays should be blocked in a normal position. Also, disconnect and remove the Z wiring and connect the W wiring on the "B" terminal strip and splice the leads at the CBB1 relay as required.

Lines presented in Script indicate new or changed information

Manager, Crossbar Product Engineering Control Center

Reason for Reissue:
Changes in Paragraphs 1.1, 6.1, 6.3 and 7.3.