AMA - TRANSVERTER CONNECTOR ADDITIONS

CONTENTS

1. GENERAL

1.1 This section covers the addition of transverter connectors to a AMA office.

1.2 Transverter connectors are added whenever a new sub-group of senders associated with AMA are added to crossbar or tandem offices.

2. PLANNING WORK SHEETS

2.1 SD-4-491 Work Sheet for Transverter Choice and Chain is furnished to the installer for the purpose of planning the Transverter Choice and Chain Wiring. This work sheet is illustrated in Figure 1.

2.2 The choice and chain information should be drawn up using the table on the Transverter Connector Wiring List drawing in conjunction with drawing T-25967-23. The chain strapping is represented by numerical figures on T-25967-23.

3. PRELIMINARY WORK

3.1 Install and connect transverter multiple cables on the new connectors.

3.2 Connect the sender cables at the senders and connectors.

3.21 These cables are to be checked for continuity and crosses.

3.3 Test the multi-contact relays on the new connectors for crosses.

3.4 Install and connect the choice and chain cabling on the new frame. Fan the leads but do not connect on old equipment.

3.5 Test the connector control and timing relays within the unit.

3.6 Completely fuse the added equipment.

4. STEP 1 TRANSVERTER MULTIPLE

4.1 Make busy, one transverter at a time.

4.2 Connect the associated multiple to the new connectors.

4.3 Make a continuity check from the old to the new connectors before releasing the make busy condition of the transverter.

4.4 Repeat Paragraphs 4.1 to 4.3 for each transverter.

5. STEP 2 CHOICE AND CHAIN STRAPS

5.1 Transverter chain wiring is modified as follows:

5.11 Make busy one transverter at a time and block operated the TA1 and TA2 relays.

5.12 Where a new connector frame is involved the choice and chain cabling has to be changed, one transverter at a time to include the new frame.

5.121 Disconnect the choice and chain cabling associated with the transverter made busy, on the last and the first existing connector frame.

5.122 Verify and discard the cable leads between the first and last frame.

5.123 Connect the leads from the last new connector frame to the first connector frame and from the last old connector frame to the first new connector frame.

5.13 Using the work sheets change the chain strapping associated with the transverter made busy to correspond to the new arrangement.

5.14 Remove the blocks from the TA1 and TA2 relays in the transverter and verify that they remain operated.

5.15 Return the transverter to service and repeat Paragraphs 5.1 to 5.14 for each transverter.

5.2 On each connector when the transverter choice is required to be modified, the following steps are necessary.

5.21 Make connector busy.

5.22 Using the work sheet change the choice strap on the associated connector to correspond to the new assignment.

5.3 Return the connector to service and repeat Paragraphs 5.2 to 5.221 for each connector.

6. CLEAN-UP WORK

6.1 Remove cable or dispose of leads discarded due to choice and chain modifications.

6.2 Tube all unused multiple cable.

6.3 Verify connections of miscellaneous wiring on new frames.

6.4 Verify connections of multiple connected on old frames.

➔ Arrowed lines indicate new or changed information.

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ATTACHMENT
Figure 1 on Page 3.

Reason for Reissue:
Add reference to SD-4-491 Work Sheet for Transverter Choice and Chain.

SD-4-491 (4-69)

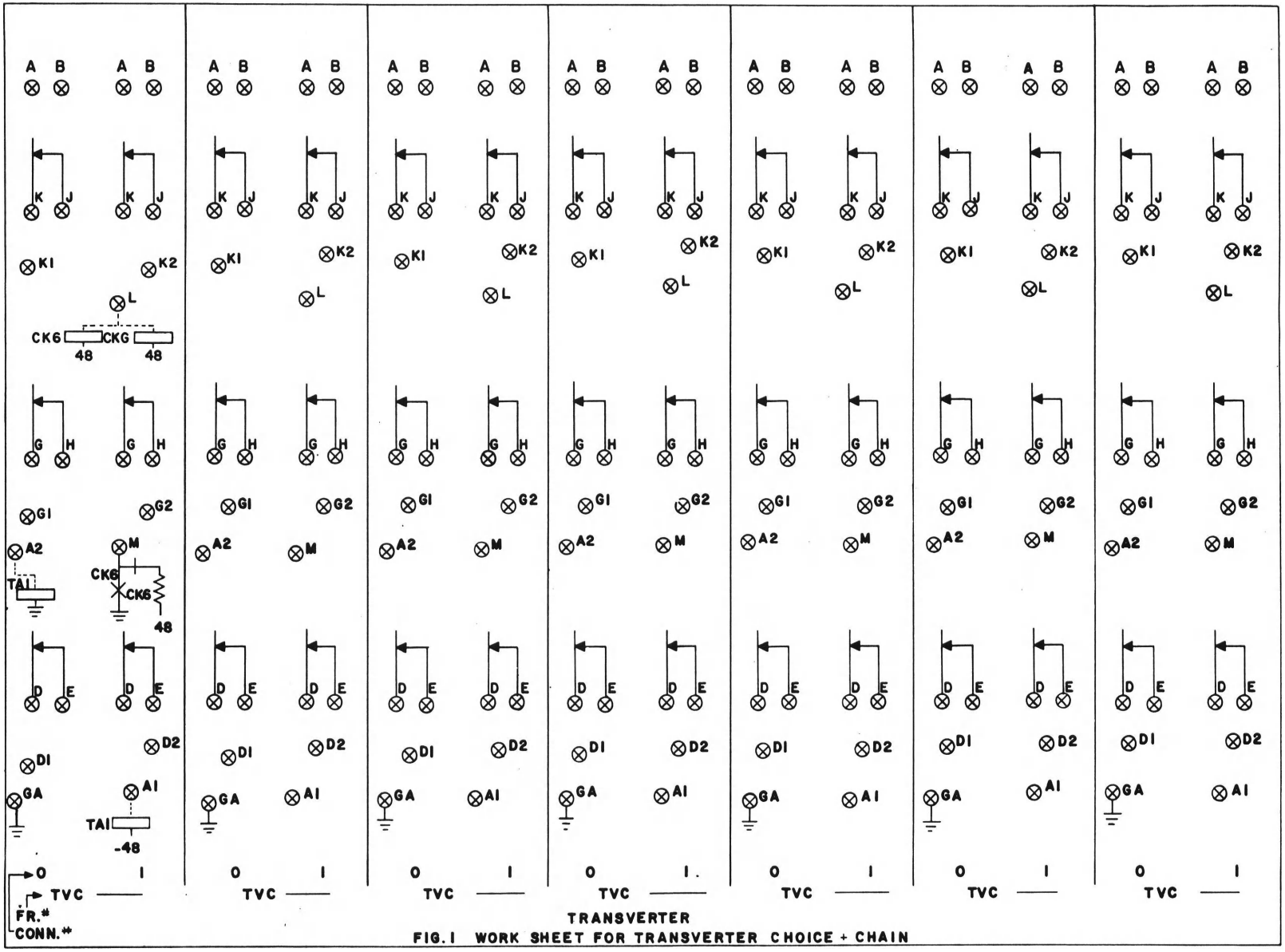

FIG. 1 WORK SHEET FOR TRANSVERTER CHOICE + CHAIN