

OUT-OF-ORDER AND MAKE-BUSY CORD CIRCUITS  
TELETYPEWRITER SWITCHBOARD NO. 1

1. GENERAL

1.01 This section describes tests of the out-of-order and make-busy cord circuits used in the teletypewriter switchboard No. 1. The tests are as follows:

(A) Out-of-Order Cord Circuit Test

(B) Make-Busy Cord Circuit Test

1.02 This section is reissued to replace Provisional Issue 1 and to cover the improved out-of-order and make-busy cord circuit arrangements.

2. APPARATUS

2.01 No special testing apparatus is required.

3. METHOD

(A) Out-of-Order Cord Circuit Test

3.01 Insert the plug of the out-of-order cord circuit to be tested into an idle two-way trunk to the supervisor's desk or to the No. 15 test board.

3.02 At any position equipped with a teletypewriter, operate the teletypewriter POWER switch to the ON position, and touch the tip of the plug of an idle cord circuit to the sleeve of the jack at a multiple appearance of the trunk circuit used in 3.01. The position busy test lamp should light and the buzzer should operate as long as the plug tip is in contact with the jack sleeve.

3.03 Insert the plug of the cord into the trunk multiple jack and operate the associated typing key. The cord supervisory lamp should light. The operator's teletypewriter should spin freely for a moment and then the teletypewriter keyboard should lock.

3.04 Remove the plug of the out-of-order cord and the plug of the cord circuit from the trunk jacks. Restore the teletypewriter POWER switch to the OFF position.

(B) Make-Busy Cord Circuit Test

3.05 Insert the plug of the make-busy cord circuit to be tested into an idle two-way trunk to the supervisor's desk or to the No. 15 test board.

3.06 At any position equipped with a teletypewriter, operate the teletypewriter POWER switch to the ON position, and touch the tip of the plug of an idle answering cord circuit to the sleeve of the jack at a multiple appearance of the trunk circuit used in 3.05. The position busy test lamp should light as long as the plug tip is in contact with the jack sleeve.

3.07 Insert the plug of the cord into the trunk multiple jack and operate the associated typing key. The cord supervisory lamp should light. The operator's teletypewriter should spin freely for a moment and then the teletypewriter keyboard should lock. The position busy test lamp should light after the teletypewriter stops spinning.

3.08 Restore the cord circuit typing key to normal. The position busy test lamp should be extinguished.

3.09 Remove the plug of the make-busy cord and the plug of the cord circuit from the trunk jacks. Restore the teletypewriter POWER switch to the OFF position.

4. REPORTS

4.01 The required record of these tests should be entered on the proper form.