

TELETYPEWRITER STATION EQUIPMENT
TYPING REPERFORATOR CONTROL AND TAPE
FEED-OUT CIRCUIT FOR USE WITH T. A. D. S.
(DRAWING P92.902.01)

Contents	Page
1. General Description	1
2. Functions	1
3. Connecting Circuits	2
4. Designation and Function of Relays	2
5. Installation	3
6. Tests	3

1.0 GENERAL DESCRIPTION

1.01 This circuit is designed to control a No. 14 Typing Reperforator (TRP) working with a No. 19 type station on a T.A.D. System.

1.02 The TRP will make tape that is suitable for use on another T.A.D. circuit.

2.0 FUNCTIONS

2.01 To start the motor of the TRP whenever the associated No. 19 station is selected to receive copy.

- 2.02 To remove the blind from the TRP upon receipt of the code for relay on the No. 19 Teletype.
- 2.03 To blind the No. 19 Teletype upon receipt of carriage return following the code for relay.
- 2.04 To cause the TRP to be blinded & to feed out a measured length of tape upon receipt of the end of message code.
- 2.05 To stop the TRP motor at the end of tape feed-out.
- 2.06 To stop tape feed-out if the No. 19 station is called while tape feed-out is in progress.
- 2.07 To restart tape feed-out upon receipt of carriage return if the code for relay is not received.

3.0 CONNECTING CIRCUITS

- 3.01 Typing Reperforator Base wiring P35.301 Fig. 36.
- 3.02 Teletype Station Selector P92.901.02, P92.901.03 or P92.901.04 as applies.

4.0 DESIGNATION AND FUNCTION OF RELAYS

DESIGNATION

FUNCTION

P

Operate when No. 19 is called
Start TRP motor
Stop tape feed-out if in progress
Stop tube timing
Prepare path for Q relay

DESIGNATION

FUNCTION

Q	Operate on call for relay Unblind TRP Release tape feed-out circuit
R	Operate on CR if TRP not called in to relay Operate on end of message code if TRP called in to relay Release P & Q
E	Operate when end of message code received on TRP Keeps motor running Operate TFO Mag. Start tube timing
V tube	Measure the length of TFO Operate G relay
G	Release E relay

5.0 INSTALLATION

5.01 This unit may be associated with a No. 14 TRP that is table, shelf or cabinet mounted and connected in accordance with standard Bell System Drawings.

6.0 TESTS

6.01 The operation of this unit can be tested from the keyboard of the associated No. 19 Teletype by the following procedure:

- A. Remove the wire from 5 "A" TS that is referred to by Note 107 of the drawing.
- B. Have station line closed and idle.
- C. From keyboard, send "LTRS" and the call for the No. 19. The "P" relay should operate.
- D. Send the call for the No. 14 TRP. The Q relay should operate.
- E. Send carriage return and RY's. TRP should copy.
- F. Send "FIGS. H". No. 19 should shut off and No. 14 TRP should feed out tape until the "FIGS. H" in the tape is at least 10 perforations from the tear knife. Adjust the V1 potentiometer to obtain the proper feed-out.