

ALARM RECEIVING CIRCUIT SD-95418-01 TAKING EQUIPMENT OUT OF SERVICE

1. GENERAL

1.01 This section covers the method to be followed in taking alarm receiving circuits out of service. Part 3 of this section covers the method of taking the alarm receiving circuits out of service. Part 4 covers the precautions to be followed when working on the apparatus of these circuits.

1.02 The alarm receiving circuit and the alarm sending circuit are referred to in this section as the receiving circuit and the sending circuit.

2. APPARATUS

2.01 None required.

3. METHOD OF TAKING EQUIPMENT OUT OF SERVICE

Receiving Circuit not Associated with a Distant Receiving Circuit

3.01 While the receiving circuit is out of service, the office from which alarms are transmitted must be attended. Arrange to have the alarms supervised at that office until the receiving circuit is restored to service.

3.02 Have the A and AA relays of the sending circuit blocked operated to prevent an automatic transfer of the alarms.

3.03 Momentarily operate the ACO key to release any locked-in alarms.

Receiving Circuit Associated with a Distant Receiving Circuit

3.04 If the office from which alarms are transmitted is to be unattended, arrange to have the alarms supervised at the other receiving center until this circuit is restored to service. If this arrangement cannot be made, take the receiving circuit out of service as in 3.01 to 3.03 inclusive, and disregard 3.05 and 3.06.

3.05 If the receiving circuit to be removed from service is equipped with a TR relay, block this relay non-operated.

3.06 Momentarily operate the ACO key to release any locked-in alarms.

4. PRECAUTIONS TO BE FOLLOWED WHEN WORKING ON THE APPARATUS

4.01 Take the receiving circuit out of service as in 3.01 to 3.06 inclusive, except when work is to be performed on the TR relay. When work is to be performed on the TR relay, take the receiving circuit out of service as in 3.01 to 3.03 inclusive.

4.02 To prevent the sounding of alarms, block operated the ACO relay, except when work is to be performed on this relay.

4.03 Observe the following precautions when working on the relays noted in 4.04 to 4.11 inclusive.

ACO Relay

4.04 Insulate the 3B contact of the DO relay to prevent a minor alarm.

DO Relay

4.05 Insulate the 2B contact of the AO relay to prevent a minor alarm.

R- Relay

4.06 Insulate the 3T contact of the R relay to remove the holding ground from the R- relay.

T+ Relay

4.07 Insulate the 2T contact of the T relay to remove the holding ground from the T+ relay.

TR Relay

4.08 If the TR relay is blocked non-operated, remove the blocking tool.

4.09 When an LO1 relay is provided, insulate the 4T contact of the LO1 relay.

4.10 When an LO1 relay is not provided, block operated the TR relays of all other receiving circuits in the same office. Then insulate the 7B contact on the A relay of the sending circuit in the same office.

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4.11 If the wiring is to be removed from the TR relay, connect together the leads of the 4T and 5T springs and connect together the leads of the 4B and 5B springs. This will release an open trunk alarm at the second receiving center.

5. REPORTS

5.01 Where required, the record of the equipment removed from service should be entered on the proper form.