CIVIL DEFENSE WARNING SYSTEM

(CDW)

BELL AND LIGHTS

STATION EQUIPMENT—CONNECTIONS

1. GENERAL

1.01 This section shows how to connect station equipment at civil defense control points and warning stations.

1.02 This section is reissued to:

- Revise Part 2
- Revise Fig. 1
- Change subscriber set 531A-3 (MD) to 687A-49 in, Fig. 2
- Revise 4.01 and 4.03.

Because of the important function of the CDW system, no work of any kind shall be done on the apparatus and equipment described in this section without proper authorization.

2. ▶7F-3 DIAL◀

2.01 Fig. 1 shows the method of terminating inside wire on the 7F-3 dial.

Note: The 7F-3 dial is made from a modified 7C or 7D dial.

3. STATION SIGNAL INDICATOR

3.01 Connections for audible and visual signals are shown in Fig. 2.

No rewiring of the station signal indicator is ever required. Restrictions on warning signals to be received at warning stations are controlled at the central office.

3.02 Provide a signaling ground wire between each station indicator and the connecting block, protector, cable terminal, or other grounding point (except as indicated in 3.04).

3.03 Tag signaling ground wire at the station signal indicator to give location of the ground connection.

3.04 Where the station signal indicator is controlled by a single-line or 5-line capacity unit at the central office, two cable pairs are assigned, one pair being used as a single conductor. In such cases, local signaling ground is not required.

4. PUBLIC SIGNAL CONTROL CIRCUIT (SIRENS)

4.01 ▶The KS-16626,L13◀ power relay set connects to a line shown in Fig. 3.

4.02 Do not use the KS-16626,L1 power relay set since false signals may result due to the breakdown of the capacitor used in this set.

4.03 At stations where the line is to be placed under continuous test, connect a KS-8512,L6A resistor across the line (Fig. 3). Insulate exposed leads of the resistor with tape or tubular insulation.

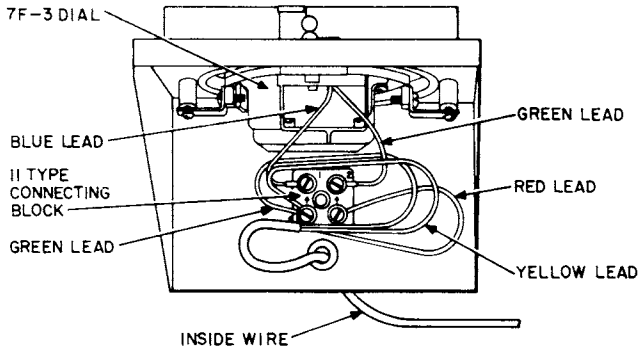

Fig. 1—Terminating Inside Wire

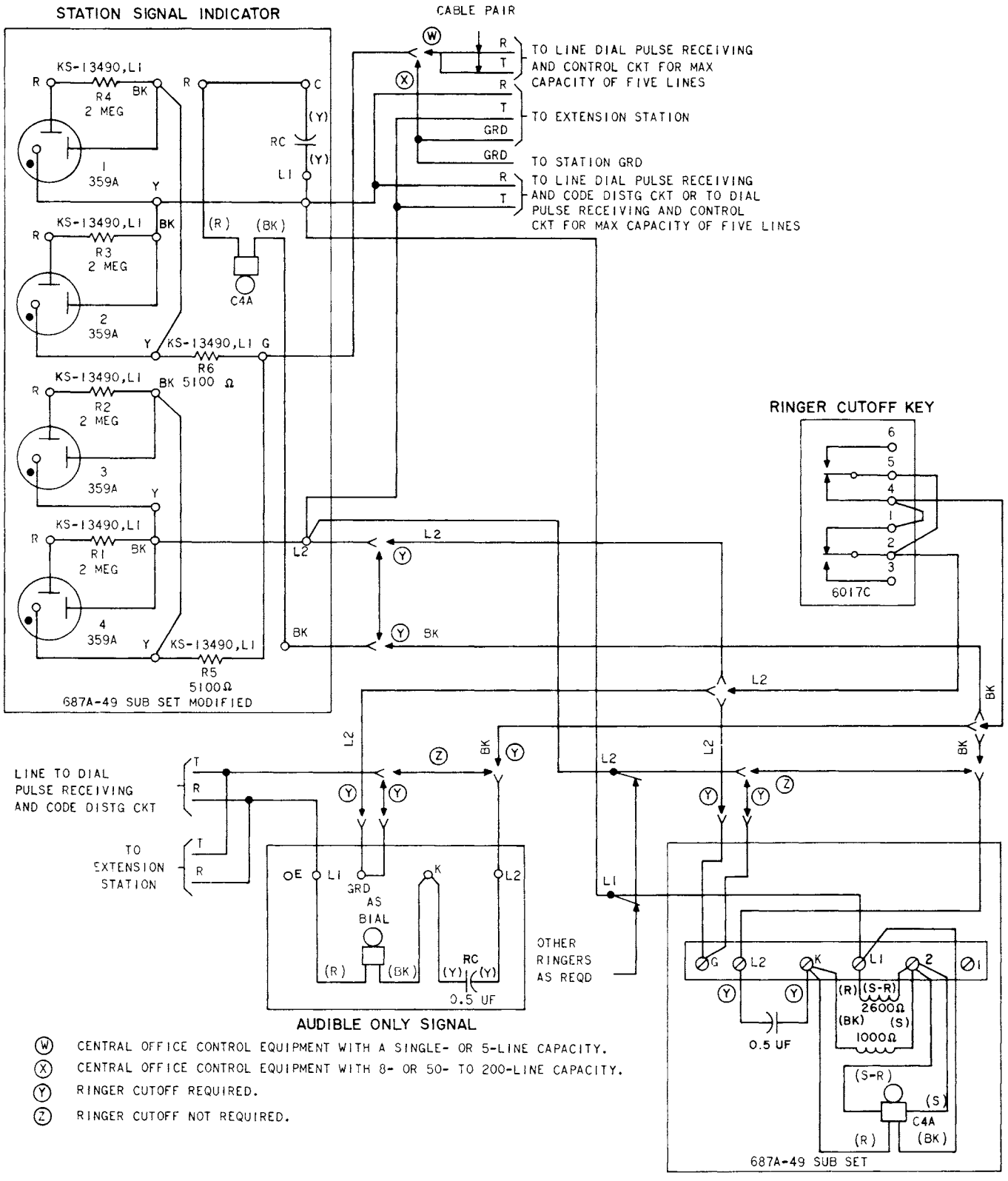

Fig. 2—Civil Defense Warning System, Connection

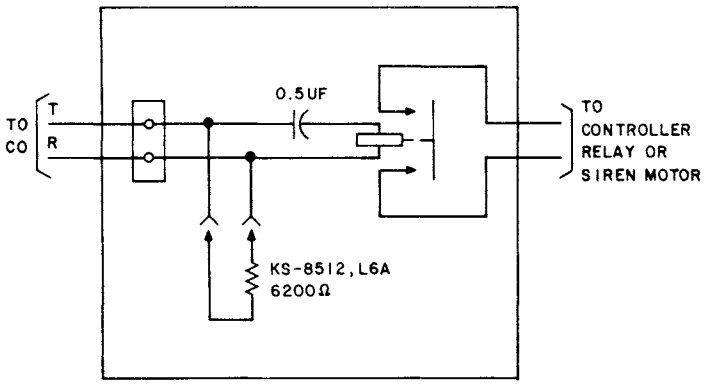

Fig. 3—Modification of KS-16626,L13 Power Relay Set