

BELL SYSTEM PRACTICES
Station Installation and Maintenance

SECTION C64.235
Issue 1, 11-10-42
AT&T Co Standard

POSTPAYMENT COIN COLLECTORS

MULTI-SLOT TYPES—CONNECTIONS

COMMUNITY DIAL OFFICE SERVICE

1. GENERAL

1.01 This section covers the connections for 150, 163 and 183 type coin collectors when used for community dial office service. It replaces those parts of Section C64.233, Issue 4, which dealt with the connections for this type of service.

Ringer Connections and Limitations

1.02 Ringer connections shown in the figures in this section are for bridged ringing individual lines. These coin collectors may be used on party lines by employing the proper subscriber set for the type of party line on which the installation is to be made and by making the ringer connections conform with those specified in the sections covering line and ringer connections for the particular party line station, and with the limitations given herein.

1.03 150U and W and 163 type coin collectors should always be used with a 534BA, 584BA, 634BA or 684BA subscriber set at common battery stations and with a 634Y or 634YD subscriber set at local battery talking, common battery signaling stations. 183 type coin collectors include an induction coil and condenser of types intended for anti-sidetone service at common battery stations. Extension ringers and loud ringing bells used with any of these coin collectors should be of the high impedance type. However, "Red Stripe" ringers (B1A or B1AL having 1/16" longitudinal red lines spaced 1/2" apart on coil covers) should not be used on any community dial office lines. If the subscriber set contains one of these ringers, the ringer should be replaced with a high impedance ringer not of the "Red Stripe" variety.

1.04 If only one ringing bridge is to be connected on the line it should, except where otherwise indicated below, be connected as for an individual line. If additional ringing

bridges are required (even one extension) all bridges should be connected as for divided code ringing, with the limitations and exceptions indicated below:

- (a) **350, 355, 360 and CX Type Offices:** The limit is five bridges from tip to ground and five from ring to ground.
- (b) **370 Office:** The limit is two bridges connected from tip to ground. A single bridge should also be connected from tip to ground.
- (c) **375, 385, 386, 32A32, 32A44 and 35E97 Offices:** The limit is five bridges from tip to ground and five from ring to ground.

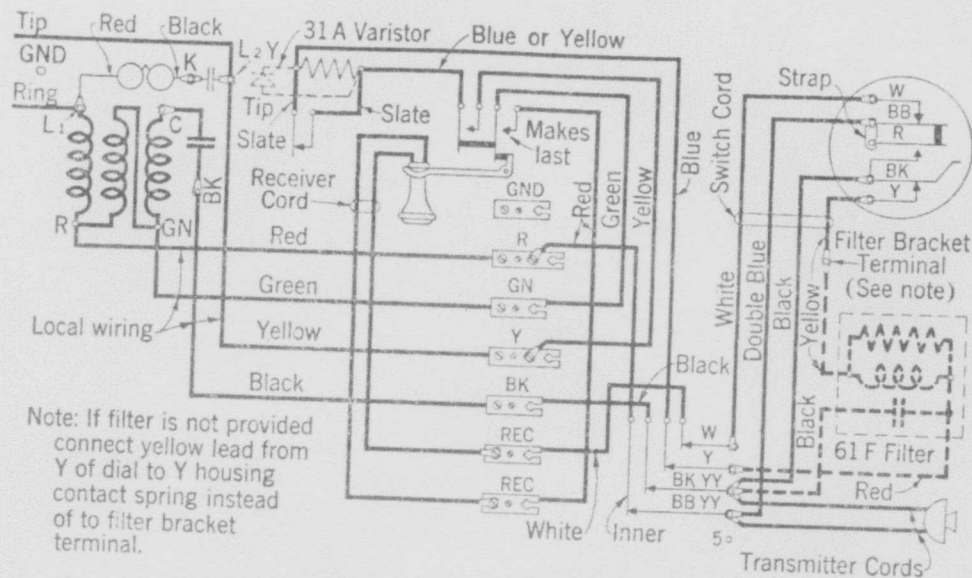
If the central office circuit is in accordance with the drawings listed below, stations should be arranged so that the resistance from all stations to the central office will be the same within 50 ohms:

<u>Office</u>	<u>Circuit Drawing</u>
375	H-35548
385	H-35417
386	H-35417
32A32	H-61380
32A44	H-61246
35E97	H-61380 or H-61247

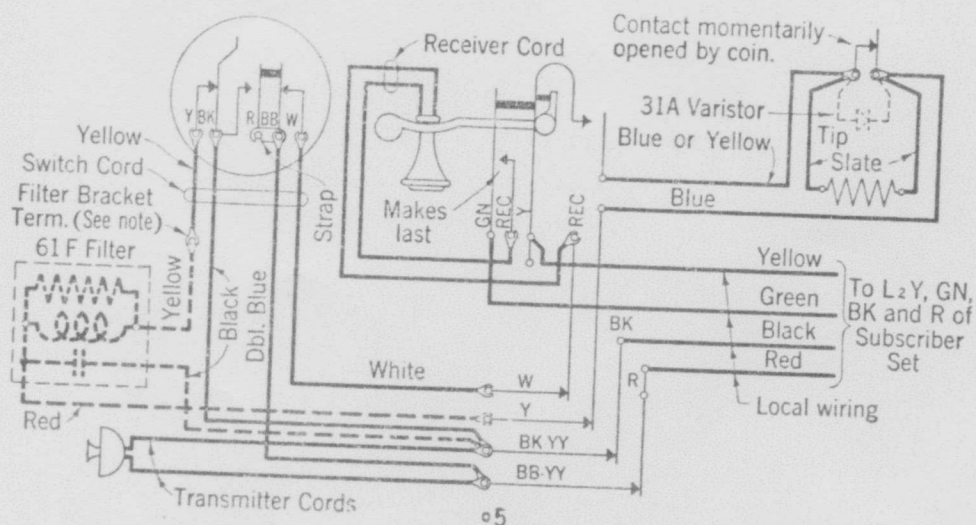
In the 32A44 office, all ringing bridges are connected across the line or from ring side to ground unless the office provides two terminals per line, in which case connections are the same as for divided code ringing.

2. COMMON BATTERY STATIONS—CONNECTIONS

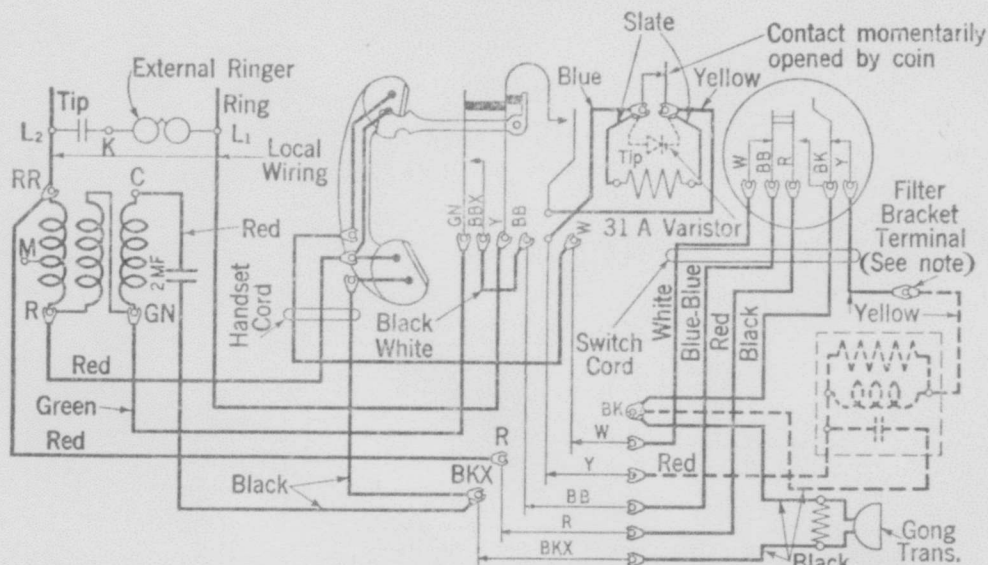
2.01 If the coin collectors shown in Figs. 1 and 2 are connected to sidetone subscriber sets, omit black conductor between set and coin collector. Anti-sidetone subscriber sets, if available, should be used for new installations with these coin collectors, in preference to sidetone sets.



**Fig. 1—150U or W and 163A or B Coin Collectors—
For Dial Anti-Sidetone Stations**



**Fig. 2—163C or D Coin Collectors—For Dial
Anti-Sidetone Stations**



Note: If filter is not provided connect yellow lead from Y of dial to Y housing contact instead of to Filter Bracket Terminal.

Fig. 3—183 Type Coin Collectors—For Dial Anti-Sidetone Stations

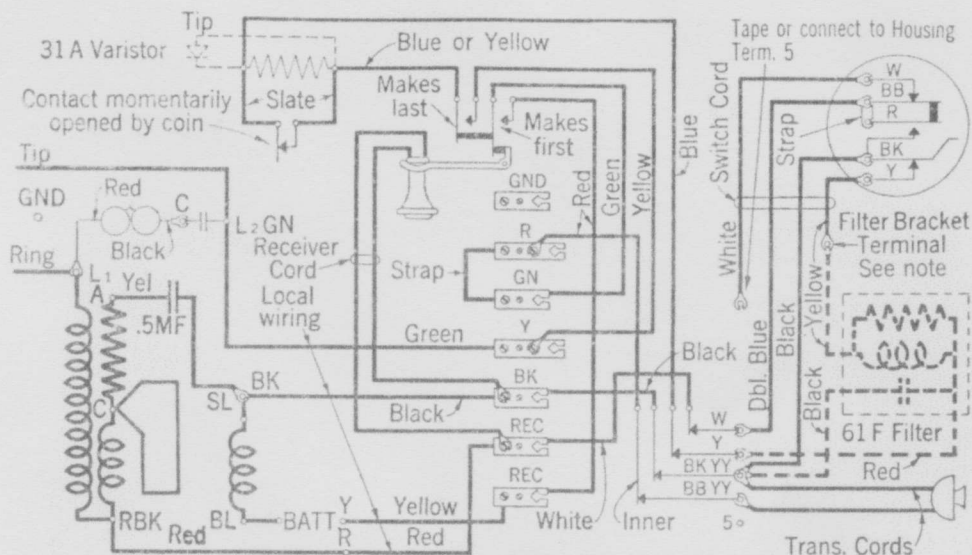
3. LOCAL BATTERY TALKING, COMMON BATTERY SIGNALING STATIONS—CONNECTIONS

3.01 The coin collectors shown in Figs. 4 and 5 may be used with 634Y or 634YD sets. If the coin collector used has a 706A receiver the 634YD set should be used. Fig. 4 shows the 634Y set with a 104A induction coil. Either the 634Y or 634YD set may come equipped with either the 113D or the 104A induction coil, but the coils are not interchangeable in the field. The corresponding terminals of the two coils are given below.

104A—L ₁	RBK	C	A	SL	BL
113D—S	S ₁	S ₂	S ₃	P	P

3.02 See Section C63.289 for data on battery feed filters.

3.03 Fig. 4 calls for a readjustment of the switchhook contact springs and Figs. 4 and 5 require some wiring changes in the coin collector.



Note : If filter is not provided connect yellow lead from Y of dial to Y housing contact spring instead of to filter bracket terminal.

Fig. 4—150U or W and 163A or B Coin Collectors—Shown with 634Y Subscriber Set—For Dial Anti-Sidetone Stations

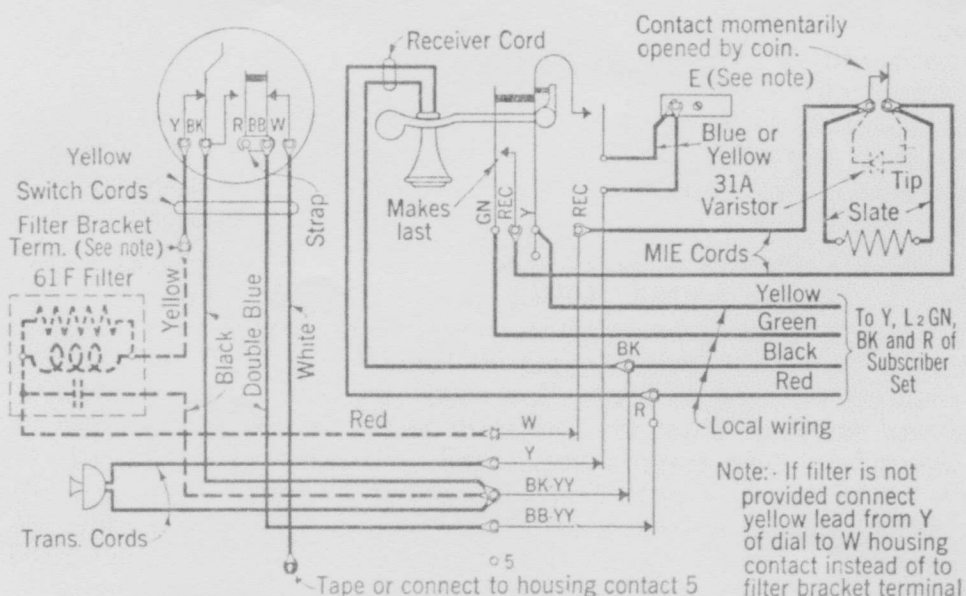


Fig. 5—163C or D Coin Collectors—For Dial Anti-Sidetone Stations

Note: The "E" terminal P-290055 shall be provided by the installer and mounted on the metal strap that spans the coin tray.