

SHELVES — INDOOR INSTALLATION

1.00 INTRODUCTION

This section provides information for the installation of the 19- and 20-type shelves.

2.00 GENERAL

If the location specified on the service order (or its attachment) conflicts with the customer's wishes or with any of the general requirements listed below, consult your supervisor before starting the installation.

- Location should be easily accessible to the public.
- Approach to the shelf shall be free of hazards such as a nearby staircase leading down, a trap door, or a floor in poor condition.
- Shelf should be remote from radiators, steam pipes, or registers to prevent dam-

age to the shelf or apparatus from excessive heat or water.

- Mountings should not be exposed to the weather.
- When a dial-type coin collector is installed, lighting should be adequate for dialing at all times.

3.00 19-TYPE SHELF

3.01 The 19-type shelf may be located:

- Singly, as shown in Fig. 1.
- In a corner (narrow end should face the wall), as shown in Fig. 2.
- In groups (when installed in this manner, directory compartment serves as a partition affording some degree of privacy).



Fig. 1 — Singly Mounted, 19-type Shelf

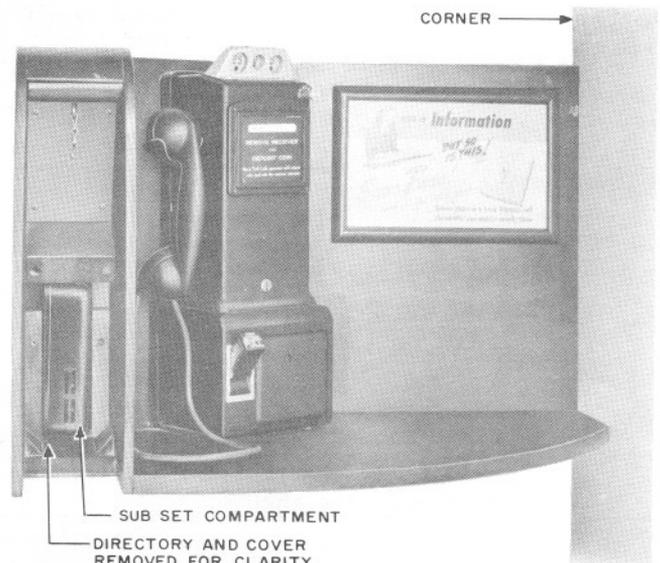


Fig. 2 — Corner Mounting, 19-type Shelf

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3.02 Locate bottom of shelf 43 inches above floor level. When a lower mounting is necessary such as in a veterans' hospital, the steel seat bracket (or a similar approved support) used in telephone booths should be placed under the shelf to guard against possible damage to the shelf should someone use it as a seat.

3.03 When it is necessary to run the station wire across the top of the shelf, use slot which is provided in the backboard to bring the wire down to the entrance hole.

Subscriber Sets

3.04 Metal-covered or network-type subscriber set is mounted underneath the shelf toward the rear. Store 684- or 531-type subscriber set in compartment at the rear of the directory compartment as shown in Fig. 1 and 2.

3.05 The lower compartment has a liftout cover provided with buttonhole slots for the mounting screws and a finger hole to permit ready removal.

3.06 When terminating wires at the subscriber set, leave at least 18 inches of slack to permit removing the set for maintenance.

Backboards

3.07 Use the backboard furnished with the shelf to mount the shelf on wall surfaces. Refer to the C Section on backboards for information on mounting.

- Attach backboard to shelf with seven 1/4-20 x 1-1/2 inch FH machine screws furnished with the shelf.
- Attach coin collector to backboard with the eight P-49C296 FH machine screws.

3.08 Place directory in binder and suspend binder from short piece of chain attached to eyebolt in the directory binder.

4.00 20-TYPE SHELF

4.01 The 20-type shelf may be installed:

- Singly, Fig. 3.
- Side-to-side, Fig. 4.
- Three on an outside corner, Fig. 5.
- Four in a free-standing position, Fig. 6.
- In tandem, Fig. 7.

4.02 When installed in groups, the side partitions afford some degree of privacy.

4.03 Shelf is equipped with inside wire between the coin collector and subscriber set location. On the underside of the writing shelf is a hinged mounting plate arranged to mount the subscriber set. When terminating wires at the subscriber set, leave sufficient slack in the wiring for maintenance.

Fastening Shelves

4.04 Each shelf is provided with:

- Three P-13C011 steel mounting brackets and screws for fastening to the wall.
- Three No. 125 cable nob staples for fastening shelves together when grouped.
- Brackets are used on most installations, whereas staples must be used when shelves are grouped.

Note: Where appearance is a controlling factor, steel mounting brackets need *not* be used. Drill mounting holes below writing shelf and place fasteners of sufficient length at stud location or in solid wood backing.

4.05 When shelves are mounted:

- *In a corner (Fig. 3), one bracket is used to fasten the top to the wall and two brackets for fastening the bottom.*
- *Side-to-side, outside corner, or free-standing arrangement, two staples are fastened at the top and one on the side; see Fig. 4.*



It is recommended that lead hole be drilled in partition before securing staples. This will avoid chipping or splintering.

4.06 There may be locations where the shelf cannot be mounted flush to wall because of baseboard, etc. In these situations, a furring strip may be used to fill the gap between side partition and wall. (Strips are obtained locally and may be painted either the color of shelf or wall.) If filler strip is required, attach to shelf.

4.07 Attach coin collector to backboard with eight P-49C296 FH machine screws.



Fig. 3 — Corner Mounting, 20-type Shelf

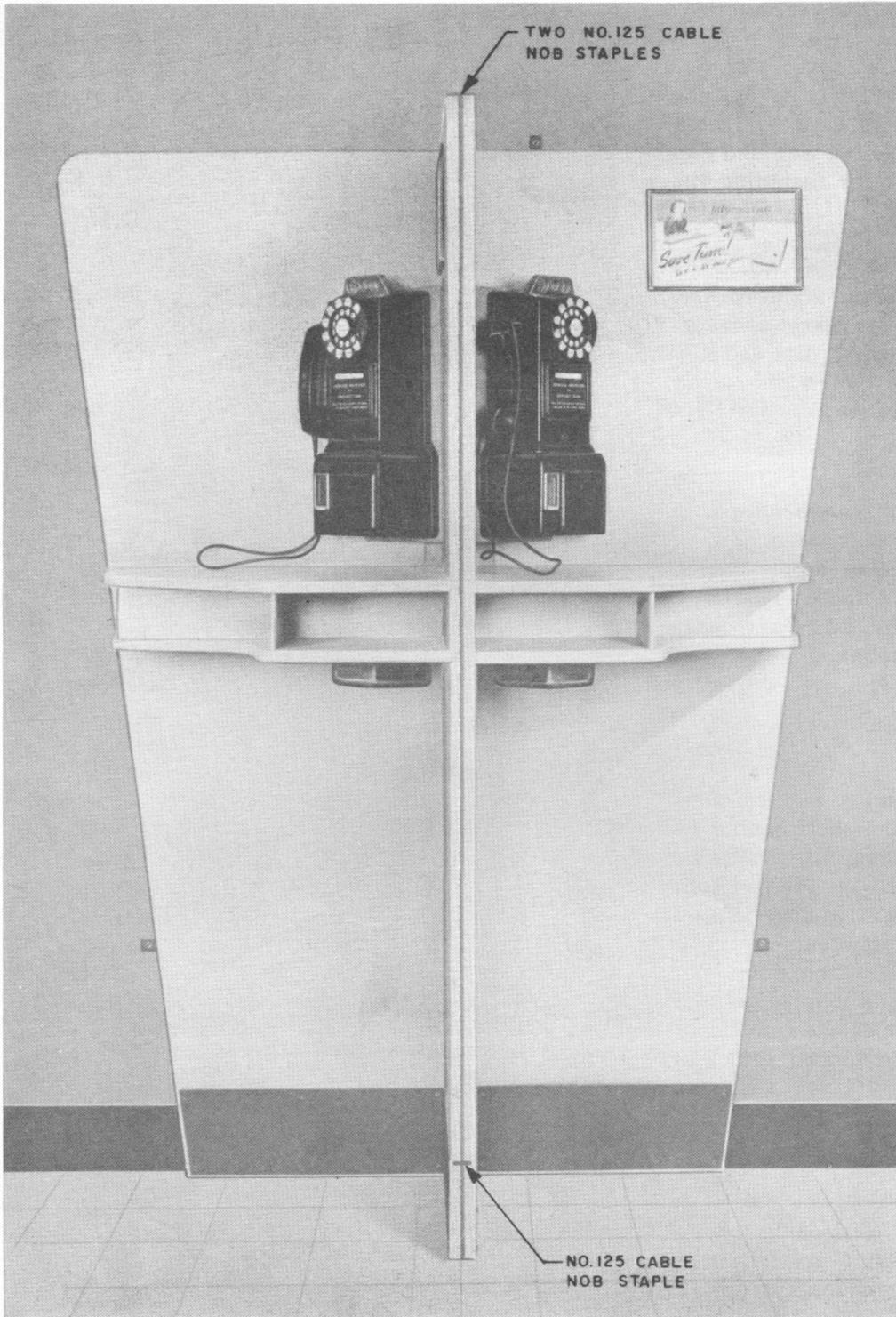


Fig. 4 — Side-to-side Mounting, 20-type Shelf



Fig. 5 — Three on Outside Corner, 20-type Shelf

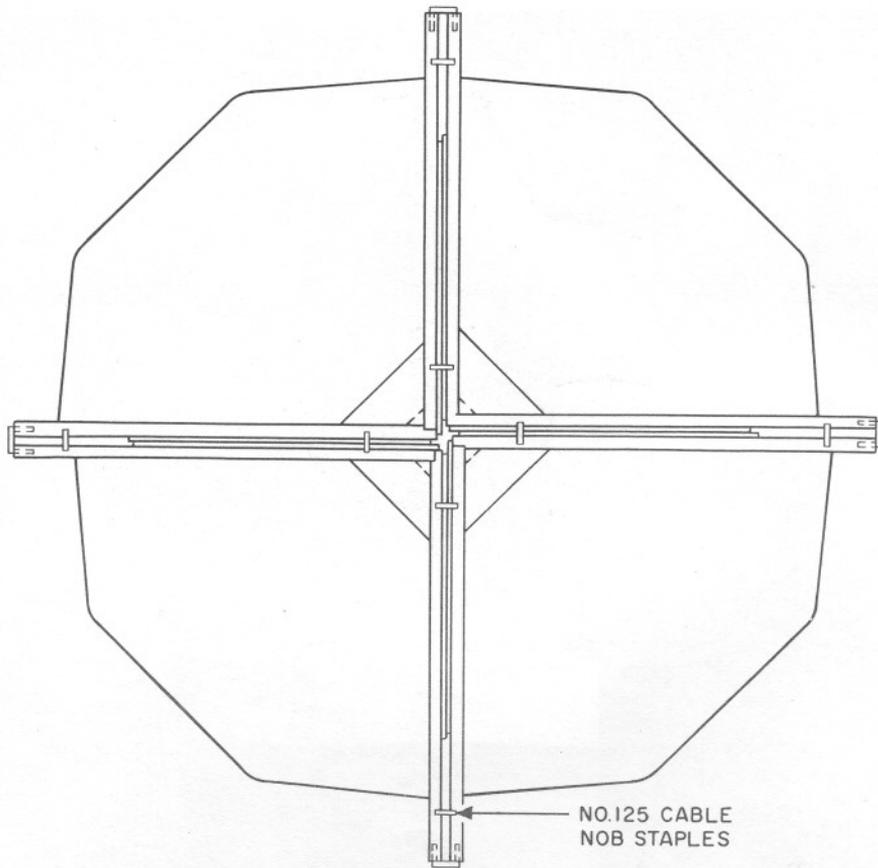


Fig. 6 — Four in a Free-standing
Position, 20-type Shelf

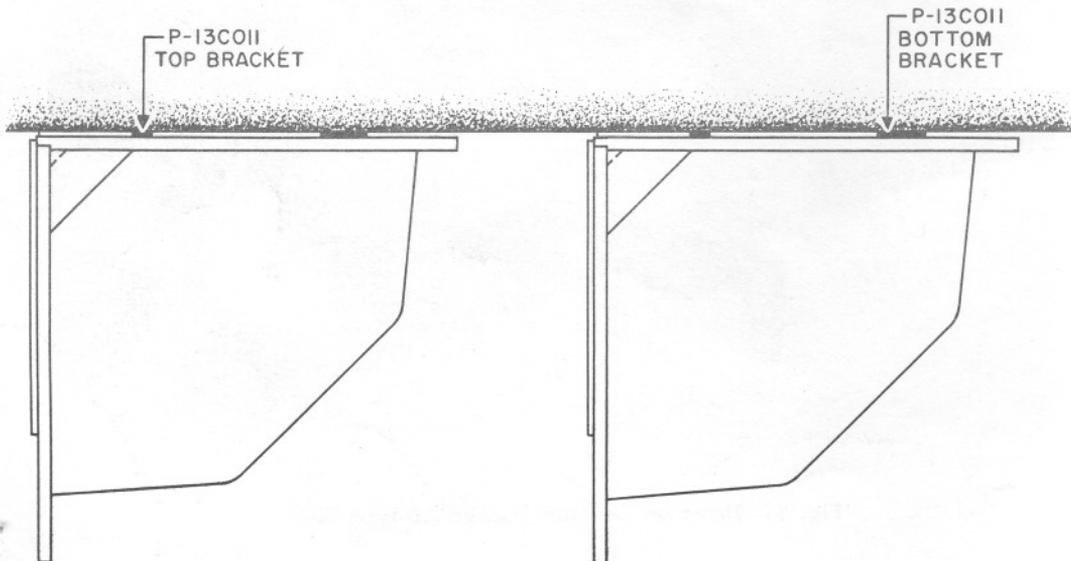


Fig. 7 — 20-type Shelf in Tandem