28 TELETYPEWRITER
GENERAL INFORMATION AND INDEX

1. GENERAL

1.01 This section contains an index of the Bell System Practices which give the requirements and adjusting procedures for the various elements of the 28 teletypewriter. Also listed are the sections covering general information, such as lubrication and the tools required for cleaning and maintenance. Instructions on the insertion of paper and the replacement of tape are retained in this section.

1.02 This section is reissued:

(a) To transfer the requirements and adjusting procedures formerly contained in this section to a group of P sections listed. In the process, a large number of changes have been made to bring the adjustments in line with the latest information.

    P34.001—Selector Mechanism
    P34.004—Motors and Governors
    P34.612—Typing Unit
    P34.614—Cabinet and Electric Service Unit
    P34.615—Auxiliary Features
    P34.620—Keyboard and Base

    (b) To provide an index of Bell System Practices associated with the 28 teletypewriter.

    (c) To change the title of this section.

Because of the extensive changes made, marginal arrows are not feasible.

2. INSERTION OF PAPER AND RIBBON

A. Path of Paper

2.01 To replenish the supply of paper, open the dome of the cabinet, move the paper-release lever on the typing unit toward the rear, and remove the paper spindle. Insert the spindle in a fresh roll of paper and remount it so that the paper unwinds from underneath. Feed the paper over the paper-straightener shaft as shown in Fig. 1 and fold the end of the paper backward to square it off. With the paper-release lever toward the rear, start the paper feeding around the platen and then restore the release lever to its forward position. Depress the line-feed wheel and continue to feed the paper upward. Do not disturb the ribbon. Make certain that the paper passes under the paper fingers, which may be raised temporarily to facilitate the operation. It may be necessary to operate the release lever momentarily when finally straightening the paper.
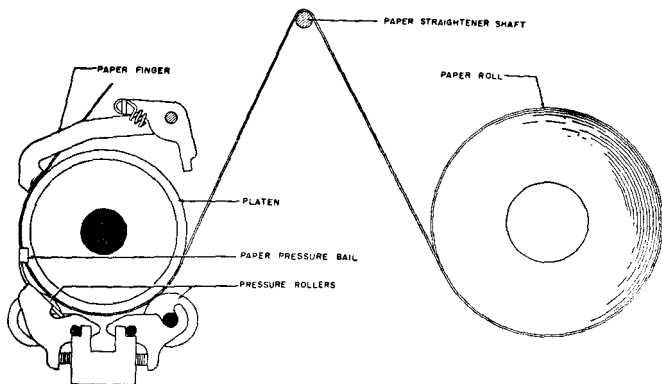

Fig. 1

B. Path of Ribbon

2.02   To replace the ribbon, open the dome, raise the toggles on
the ribbon-spool shafts as shown in Fig. 2 to the vertical
position, and remove both spools. Engage the hook that is on
the end of the new ribbon in the hub of the empty spool. Wind
a few turns of the ribbon onto the empty spool to make sure
that the reversing eyelet has been wound upon the spool. Place
the spools on the ribbon-spool shafts in such a manner that the
ribbon feeds from the rear of each spool without twisting. Turn
each spool slightly until the driving pins on the spool shafts
engage the holes in the spools. Thread the ribbon forward
around both ribbon rollers, through the slots in the ribbon-
reverse levers, and through the ribbon guide on the typebox
carriage. Make certain that the ribbon remains in the guide
slots and that both reversing eyelets are on the ribbon-spool
side of the reverse levers. Eliminate any slack in the ribbon
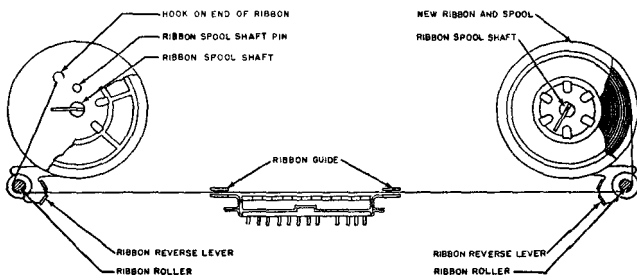by turning one of the ribbon spools.

Fig. 2

3. INDEX OF BSP's COVERING THE 28 TELETYPEWRITER

3.01 The following Bell System Practices provide in detail specific information on the 28 teletypewriter.