

LIGHTWEIGHT MODEL 15 TELETYPEWRITER

The Model 15 Teletypewriter now has a "new look." With the advent of this new machine, the old Model 15 with its four-legged table and box-like cover will gradually fade out of the picture.

Actually, quite a few changes are incorporated in the new lightweight printer, but only a few are apparent. Figure 1 reveals that a new streamlined console cabinet has been provided in place of the former table and cover. The new cabinet has a built-in sliding table to which the teletypewriter is fastened. The table has two front legs which act as supports when the table is pulled out for servicing the machine, as shown in figure 2. The console type of construction allows several Model 15 cabinets to be mounted side by side inasmuch as a handwheel replaces the platen crank of the standard Model 15.

The principal differences aside from the cabinet are the replacement of the cast iron frames of the printer with cast aluminum, and the combining of the base and keyboard into one unit. Other changes include increasing the size of the dashpot and carriage return spring, elimination of the polar relay, and reduction of the size and weight of the type basket and many of the component parts. These changes have made

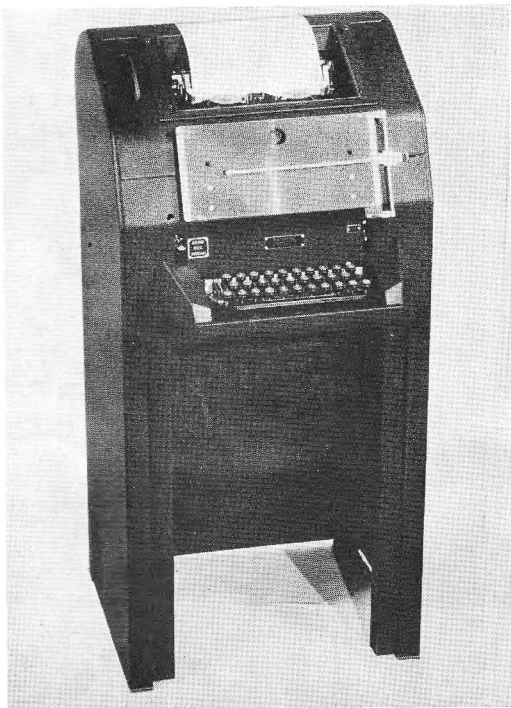


FIGURE 1—*The new lightweight Model 15 Teletypewriter.*

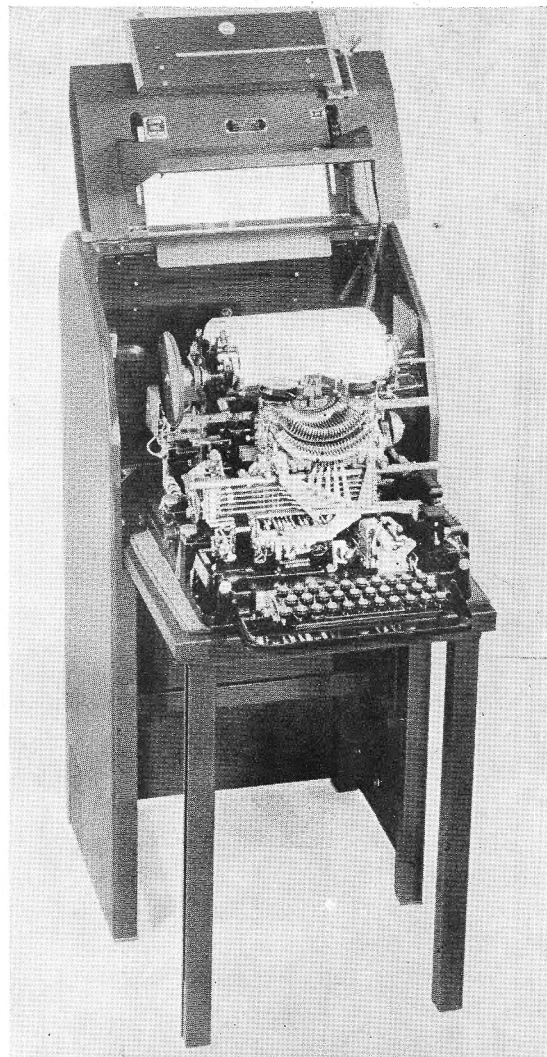


FIGURE 2—*The new Model 15 console showing the table extended so that the teletypewriter can be serviced.*

practically no improvement in the amount of space required, but the new machine is approximately 20% lighter in weight than the old Model 15.

The Model 15 lightweight consoles were procured specifically for ships and should be used in all new installations and for replacements in present installations when required. They are in current production and deliveries are being made to ship installation activities. They should be installed whenever shipboard requirements exist regardless of the stock of the standard Model 15. These new equipments should not be installed permanently at any shore activity without prior approval by the Bureau of Ships.

Unlike other Model 15 teletypewriters, the new console is not provided with a rectifier power supply for line current. This is because, aboard ship, it is the intention to eventually have all line current provided from one source and distributed through the teletype panel thus eliminating the need for individual rectifiers.