

## APPARATUS FOR USE AT NOISY LOCATIONS

### 1.00 GENERAL

1.01 This addendum supplements Section C30.014, Issue 1. It is issued to describe the 535-type telephone set which is intended for use at extremely noisy locations.

Add new part:

### 7.00 THE 535-TYPE TELEPHONE SET

7.01 This telephone set is designed for use at noisy locations where the equalized 500-type with the shunted transmitter is not adequate. It provides a



FIG. 1—535-TYPE TELEPHONE SET

means for amplifying the receiver signals and reducing the transmitter output, thereby improving transmission at both ends of the telephone conversation.

7.02 The external appearance of this set is the same as that of the 532-type set except for the handset which is equipped with a push-to-listen switch (see Fig. 1.). Through use of the volume control, the receiving level can be adjusted to overcome any background noise, while the push-to-listen switch is used to improve the condition under which the distant party must talk, by minimizing sidetone interference. With the push-to-listen switch operated and receiver volume at maximum, the 535-type telephone set offers a performance gain of approximately 25 db over the 500-type set with a surrounding noise level of 100 to 110 decibels. No local battery is required to operate this set.

7.03 The on and off noise caused by the operation of the push-to-listen switch may be disturbing to the distant party and may require customer training to minimize this disturbance; therefore, this telephone set should be used only when necessary.

7.04 For connections, supplies, and other additional information, refer to Bell System Practices on 532-, 533-, 535-, and 536-type transistorized amplifier sets.