

## 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

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.



FIG. 1—535-TYPE TELEPHONE SET