

Replacing insert dated January 21, 1929, which should be removed from the specification and destroyed.

## THE CHESAPEAKE AND POTOMAC TELEPHONE COMPANY OF VIRGINIA

Insert—A. T. & T.  
Specs. No. 4566.

October 10, 1931.

(File in front of Specifications No. 4566)

### DIAL SYSTEM STATIONS

Handbook Specifications No. 4566, "Machine Switching Stations," and Supplement "A" to these specifications previously adopted for use by The Chesapeake and Potomac Telephone Company and Associated Companies, together with Supplements "B," "C," and "D" to these specifications, *which are new*, form a part of the standard handbook specifications for use in The Chesapeake and Potomac Telephone Company of Virginia.

Specifications No. 4566 cover instructions for the installation and maintenance of dial system station apparatus.

Supplement "A" describes new methods of making ringer and dial speed tests where equipment for mechanical testing has been installed which enables the repair man and installer to dial various codes to secure a ringer or dial speed test without assistance from an operator or test deskman in the central office.

Supplement "B" describes the No. 584 type subscriber set which replaces the No. 534 type subscriber set.

Supplement "C" covers new types of subscriber sets designed to reduce inductive noise from external power sources at stations having grounded ringers. These sets shall be used only when called for by specific instructions.

Supplement "D" covers local battery talking, common battery signaling anti-sidetone sets for use on long central office lines, long P.B.X. extensions, foreign exchange lines, etc., in common battery areas where the transmission standards would not be met with standard common battery sets. For new installations of the classes of stations listed in Paragraph 1.03 of the Supplement, these sets replace the No. 13 induction coil local battery talking, common battery signaling sets. For installations employing local dry cells, three cells

in series should be used for desk stands and wall sets and four cells in series for hand telephone sets. Local battery sets should be installed in common battery areas, only when called for by specific instructions.

This insert also supplements Section 20 of Specifications No. 4566.

To provide for the local modification of the D-75959 hand sets now in service, in order to use the new method of operation covered in Specifications No. 4566, the necessary wiring and other changes are shown on the drawing reproduced herein. Hand sets which are forwarded to the Western Electric Company for repairs will also be modified when such modification is requested on the order.

Section 20 of Specifications No. 4566 is to be supplemented as follows:

#### **Section 20 (Supplemental).**

When installing dial stations, the installer should diplomatically make inquiry to ascertain if the subscriber fully understands how to use the equipment and make the various kinds of calls. If it is evident that the subscriber does not know how to use the equipment or is unfamiliar with the matter covered in the information pages of the directory, the installer should tactfully explain the particular items on which the subscriber is uninformed; demonstrating in so far as possible and directing attention to the proper directory pages, where the item is covered.

#### **Reconnection of Left-In Stations**

Where left-in stations are visited at the time of reconnection or shortly after reconnection for the purpose of inspection, changing numbers, etc., the following shall be done:

1. Replace any 229 type transmitters or nickel finished transmitters and 122 receivers.
2. Replace the transmitter unit of all other transmitters with a new or reconditioned transmitter unit where there is no repair date or date of manufacture on the inside or where such dates show that the transmitter is more than three years old or has not been repaired for more than three years.

A transmitter unit of the hand set type consists of a transmitter less the mouthpiece and outer case, and one of the desk stand or wall set type consists of a transmitter less the lug bolt assembly, mouthpiece, rim screws, and bell.

In the case of desk stand or wall set transmitters, the date is either stamped on the diaphragm, so that it may be seen by removing the mouthpiece, or on the back of the bridge. In the case of the hand set transmitters the date is stamped on the 45-degree sloping surface of the aluminum case.

The date will generally consist of a Roman numeral indicating the quarter and an Arabic number indicating the year; such as, "II30," meaning the second quarter of 1930. In a few cases the quarter may be indicated by an Arabic numeral as "230," instead of "II30," or the month may be shown as "May 30."

Where more than one date appears on a transmitter, the latest date should be used.

The replaced transmitter unit shall be placed in the carton in which the new unit was received and returned to the Western Electric Company for test and repairs as required.

3. Inspect the other apparatus and the wiring and test the apparatus in conjunction with the test desk.

#### Reused Apparatus.

Where transmitters or receivers are reused after removal from an installation without being returned to a storeroom or shop for recovery or repair operations, the practices outlined in 1 and 2 above shall be applied.

The insert (Blue Sheet) to Specifications No. 4566, dated January 21, 1929, is hereby canceled and should be removed from the specifications and destroyed.

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