

American Telephone and Telegraph Company  
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BELL SYSTEM PRACTICES  
Teletypewriter Stations

ADDENDUM P65.902  
Issue B, 1-2-57  
Long Lines Department  
Dist. Class. 600AC

SIGNALING SYSTEMS

64 TYPE SELECTOR SYSTEM

1. GENERAL

1.01 This Issue supersedes Issue A.

1.02 This Addendum supplements Section P65.902 to (1) change Paragraph 1.06 to indicate that operating speeds at 60, 75 and 100 words per minute may be provided, (2) change references from Section C34.175 to Section C34.103 in Paragraph 10.02, (3) add information for adjusting the speed of 6E dials and (4) add information to cover adjustments at 100 speed.

1.03 The following changes apply to the respective paragraphs shown:

(a) Paragraph 1.06 - Line two shall read "60, 75 or 100 speed".

(b) Paragraph 10.02 - Change "C34.175" to "C34.103" in two places and add the following paragraphs:

(a) When the 5LA Dial is used, the dial speed shall be tested and adjusted as specified in Section P65.902 instead of as specified in Section C34.103 (old Section C34.175).

(b) When the 6E Dial is used, the dial speed shall be tested as specified in Section P65.902 and it shall be adjusted as described in Paragraphs (c) through (f) below. Refer to Section C34.103 for other requirements.

- (c) To adjust the 6E Dial to meet the speed requirements proceed as follows:
- (d) Remove the mounting screws fastening the dial mechanism cover. Remove the cover.
- (e) With the dial at rest, place the middle and index fingers over the ends of the governor spring to prevent the spring from becoming dislodged during adjustment. Insert the slot of the No. 363 spring adjuster in the upper loop of the governor spring midway between the weights and adjust as required. To increase the dial speed twist the spring adjuster in a clockwise direction, to decrease the dial speed twist the adjuster in a counter-clockwise direction. Take care not to overbend the spring.
- (f) If additional adjustment is required, bend the lower loop of the governor spring by twisting the spring adjuster counter-clockwise to increase the dial speed and clockwise to decrease it. (Note that the direction of twist in Paragraph (f) is opposite that given in Paragraph (e).

(c) Add the following after Paragraph 10.05(5) (b, :

10.05A Dial Speed Tests Using 100 Speed Teletype-writer Equipment

1. Same as in 10.04 (1).
2. Note the optimum setting of its range finder.
3. Set the orientation arm 35 points above optimum.
4. With the dial key operated, dial "Zero" several times.

(a) If the teletypewriter unit selects five "Blank" or "Letters" characters each time on repeated dialing, the dial speed is satisfactory and the range finder should be restored to its optimum setting.

(b) If the teletypewriter unit selects five "T" or "O" characters, the dial speed is too fast and should be adjusted to obtain the results in (a) above.

(c) If the teletypewriter unit selects five "V" or "M" characters, the dial speed is too slow and should be adjusted to obtain the results in (a) above.