

May 20, 1969

SIGNAL DISTORTION ON MODEL 28
AND 35 TELETYPEWRITERS

(Teletypewriter Forces)

Information has been received from the Chicago Area Maintenance Engineers concerning signal generator problems on our #28 and #35 teletypewriter sets.

After a thorough investigation their Laboratory tests revealed the appearance of red rust at the point of the toggle link. This rust creates poor conductivity through the signal generator contacts resulting in peaks up to 45% distortion.

To eliminate these problems the Engineers recommend that on all trouble and routine maintenance visits, where signal generator contacts are involved, a strap should be added to provide a more reliable circuit path.

As illustrated in the attachment, using a TP195648 strap or 22 gauge stranded wire, the strapping should be accomplished in the following manner:

- A. For 28 type equipment add strap between the contact toggle (TP151171) and the terminal (TP154042).
- B. For 35 type equipment add strap between the contact toggle (TP179800) and the terminal (TP154042).

This letter should be retained for reference.


R. W. Kiesling
Division Plant Manager

attachment

SIGNAL GENERATOR

