



# TECHNICAL DATA SHEET No. 47.

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## MODEL B61D.

A circuit change has been made in the above Model to provide more uniform sensitivity when replacements of 1R5 Converter valves are made.

The change commenced with S/N 14851 and consists of connecting the cold end of the 1st I.F. Transformer primary (pin 1) to the 1R5 valve screen (pin 3) and eliminating the connection from pin 1 of the I.F. transformer to the H.T. line.

The change in wiring allows both plate and screen current to flow through the feedback winding of the oscillator coil and the 1R5 operates at slightly lower screen and plate potentials, this being in the order of 50 volts.

A further modification commencing with S/N 15250 consists of the addition of a valve shield on the 1R5 to eliminate any possibility of instability on that part of the tuning range from 550 Kc. down.

