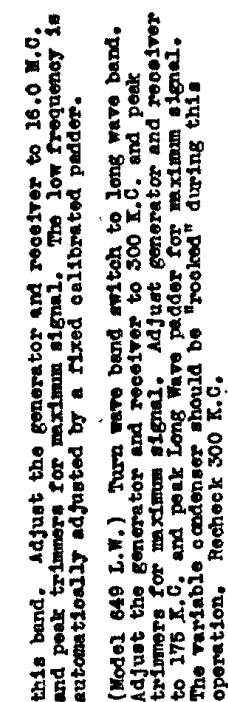


MODELS 649,649LW
651,651LW



LONG WAVE
ALIGNMENT

TO CALIBRATE RECEIVER

Connect antenna lead of the signal generator to antenna lead of receiver and ground lead of generator to receiver chassis. Short circuit front section of variable condenser. Adjust generator to 456 K.C. and peak I.F. trimmers for maximum signal.

I. P. ALIGNMENT

JUST THE PUS

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RANGE COVERAGE

MODEL

355-174 mtrs, 50-16 meters
540-1725 K.C.: 6.0-18.5 M.C.

649

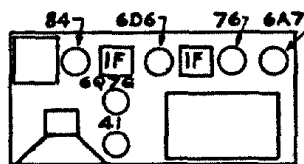
SHORT WAVE ALIGNMENT

For 2-7-8.2 M.C. (Model 651). Turn wave band switch to 'his band. Adjust the generator and receiver to 7.0 M.C. and peak trimmers for maximum signal. The low frequency is automatically adjusted by a fixed calibrated paddler. For 7-8-24.0 M.C. (Model 651) Turn wave band switch to this band. Adjust the generator and receiver to 22.0 M.C. and peak trimmers for maximum signal. The low frequency is automatically adjusted by a fixed calibrated paddler. For 6.C-18.5 M.C. (Model 649) Turn wave band switch to

**SHORT WAVE
ALIGNMENT**

mob. Determine
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tighten with
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buttons.

**Note: On Model 649
Band A is omitted.**



7. Tune in the desired station with the station selector knob. Determine which button is to be used to receive this station. Loosen this button by turning it in a counterclockwise direction approximately one full turn. Then push the button in as far as it will go and tighten with the button slot. The adjustment may be checked by setting the pointer in any position, pushing the button in as far as it will go and noting if the intended station is received. After all adjustments have been made the station tabs and celluloids may be put on the buttons.