MEASUREMENT SPECIFICATION:

I.F. Sensitivity	X_1 base	5 – 10 microvolts
" "	X_2 base	30 – 50 microvolts
" "	X_3 base	600 – 1000 microvolts

Broadcast sensitivity at Short Aerial terminal 1 – 2 Microvolts

These figures are related to the input necessary to drive the audio amplifier to maximum output without clipping at maximum volume control setting with maximum treble cut.

When measuring sensitivity, no wiring should be disconnected and a 0.1 uF capacitor should be in series with the "HOT" signal generator lead.

ALIGNMENT FREQUENCIES:

Broadcast, 600 kc/s and 1400 kc/s

CHECK POINTS:

Broadcast, 1000 kc/s.

ALIGNMENT INSTRUCTIONS:

When aligning the I.F. channel and setting the oscillator frequency limits, a 0.1 uF capacitor should be in series with the "HOT" lead from the signal generator to the base of the converter transistor X_1.

The signal generator should be connected to the short aerial connection when aligning the aerial circuit.

REMOVAL OF CHASSIS:

To remove the chassis from the cabinet proceed as follows :–

1. Remove the back cover screw and remove the back cover.
2. Remove and unplug the battery.
3. Withdraw the dial knob and dial scale.
4. Withdraw the tone and volume control knobs.
5. Remove the two chassis retaining screws adjacent to the gang.
6. Withdraw the chassis.

Any alignment, adjustments or replacement of components may then be carried out.

To reassemble, the above instructions should be carried out in reverse taking care to centralise the tuning capacitor shaft so that the dial knob may be fitted correctly.

BATTERY REPLACEMENT:

1. Remove the back cover screw and remove the back cover.
2. Remove and unplug the old battery.
3. Insert the new battery.
4. Replace the back cover and cover screw.

IMPORTANT NOTES

For a number of important points to be observed when servicing transistorised equipment, refer to the section under this heading in Service Bulletin No. 133.