4. Any of the stations tuned by the Selectomatic mechanism may be changed to different stations by following the above procedure.

Note: Make sure to push the tuning control knob firmly in where it is mentioned in the instructions. Failure to do so may lock the mechanism. Firm pressure on the tuning knob will clear it.

ALIGNMENT INSTRUCTIONS

Equipment:

Signal generator:
Output meter:
Alignment tools: Part No. M195 and PM581.
Mica capacitator: 0.01 MF Part No. PC145 for IF. trans. alignment.
Dummy antenna: 65 MMF Part No. M341.
IF. Attenuator: Part No. M174.
This attenuator consists of a 0.004 MF condenser and a 10K. ohm non-inductive resistor connected in series and having clips fitted for attaching to the receiver.

Alignment Conditions:

Supply voltage - Model ''SR'' 6 volt accumulator.
Model ''SS'' 12 volt accumulator.
Volume control - maximum volume (fully clockwise).
Output level - 50 Milliwatts.
Load impedance - 5,000 ohms.
Tone control - treble position.
Intermediate frequency - 455 Kc/s.

Do not use a screwdriver or an alignment tool with an iron point for adjusting the variable iron cores. Special tools - Part Nos. M195 and PM581 are available from the factory for alignment purposes.

Operation No.	Generator Connection	Generator Frequency	Dummy Antenna	Instructions
1.	Remove top and bottom sections of metal can to align IF. transformers.			
2.	To control grid of 6BA6 IF. valve (pin No. 1)	455 Kc/s.	0.01 MF Mica cond. in series with generator.	Peak 2nd IF. trans. pri. and sec. for maximum output.
3.	To control grid of 6AN7 valve (pin No. 2)	455 Kc/s.	0.01 MF Mica cond. in series with generator.	Turn tuning control knob until perm. tuner iron cores are fully out of the windings on the coil formers and the unit is hard against the stop. Peak 1st IF. trans. pri. and sec. for maximum output.
4.	Repeat operations No. 2 and 3.			
5.	Refit top section of metal can during alignment of RF. signal circuits to eliminate variations in oscillator setting.			
6.	Connect attenuator Part No. M174 between 6BA6 IF. valve control grid pin No. 1 and the metal chassis.			
7.	Turn control head tuning knob to bring iron cores fully out of windings and perm. tuner unit against stop. Make sure the centre of the dial pointer aligns with the centre of the end of travel spot on the dial reading at the high frequency end.			