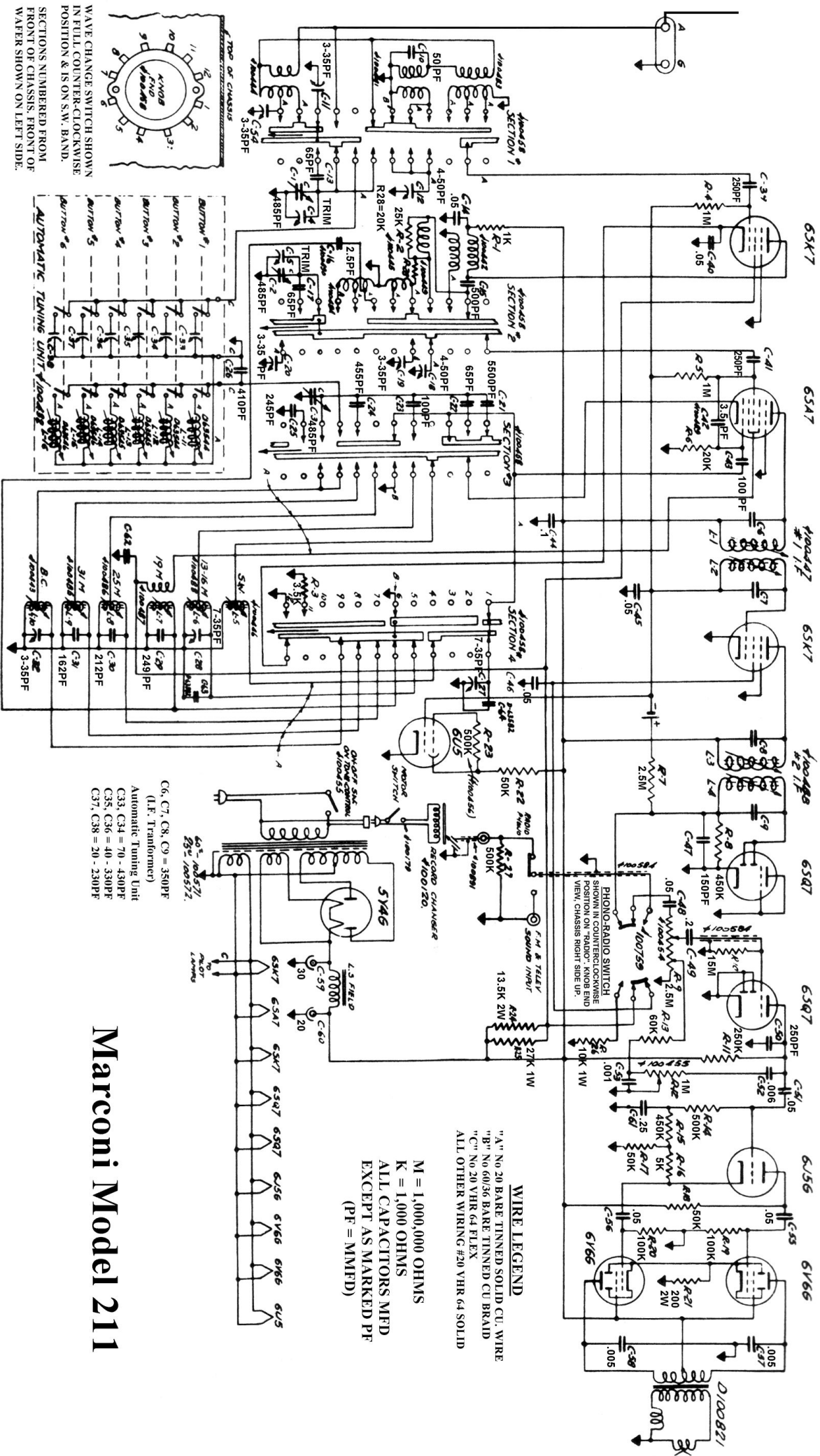




# Marconi Model 211

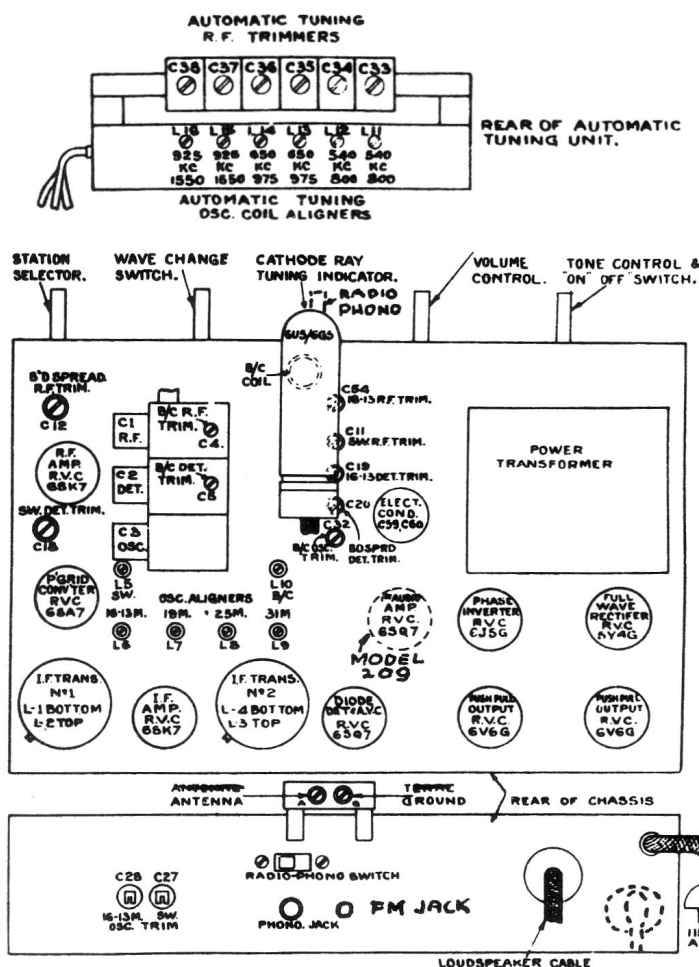
# Marconi Alignment Procedure Models 208, 209, 211

| BAND S.W. POSITION | CONNECT S.G. OUTPUT TO | INPUT FREQUENCY | DIAL SETTING | ADJUST        | CIRCUIT RESONATED | REMARKS     |
|--------------------|------------------------|-----------------|--------------|---------------|-------------------|-------------|
| * B.C.             | + CG 6SA7              | 462.5 KC        |              | L4,L3,L2 & L1 | I.F. Stages       | Max. Output |
| ** B.C.            | A & G                  | 1600 KC         | 1600 KC      | C32           | BC Osc.           | Resonate    |
| "                  | "                      | "               | "            | C5            | BC Det.           | Max. Output |
| "                  | "                      | "               | "            | C4            | BC R.F.           | " "         |
| "                  | "                      | 580 KC          | 580 KC       | L10           | BC Osc.           | Rock Gang   |
| 25 M.              | A & G                  | 11.8 MC         | 11.8 MC      | L8            | 25 M.Osc.         | Resonate    |
| "                  | "                      | "               | "            | C20           | 19-25-31 M.Det.   | Rock Gang   |
| "                  | "                      | "               | "            | C12           | 19-25-31 M.RF.    | " "         |
| 31 M.              | A & G                  | 9.6 MC          | 9.6 MC       | L9            | 31 M.Osc.         | Resonate    |
| 19 M.              | A & G                  | 15.2 MC         | 15.2 MC      | L7            | 19 M.Osc.         | Resonate    |
| 16-13 M.           | A & G                  | 21.5 MC         | 21.5 MC      | C28           | 16-13 M.Osc.      | Resonate    |
| "                  | "                      | "               | "            | C19           | 16-13 M.Det.      | Max. Output |
| "                  | "                      | "               | "            | C54           | 16-13 M.RF.       | " "         |
| "                  | "                      | 17.7 MC         | 17.7 MC      | L6            | 16-13 M.Osc.      | Rock Gang   |
| S.W.               | A & G                  | 15.2 MC         | 15.2 MC      | C27           | SW Osc.           | Resonate    |
| "                  | "                      | "               | "            | C18           | SW Det.           | Max. Output |
| "                  | "                      | "               | "            | C11           | SW RF.            | " "         |
| "                  | "                      | 6 MC            | 6 MC         | L5            | SW Osc.           | Rock Gang   |

\* I.F.ALIGNMENT: Short Osc.section of gang Capacitor through 0.1 Mfd. For oscillograph alignment,connect oscillograph input across R8. Adjust for overlapping double image of maximum amplitude.

\*\* Before proceeding with R.F. Alignment, see that dial pointer is set over last graduation mark at low frequency end. (Gang to be at maximum capacity).

+ Lug on R.F. section of gang forms a convenient point of connection.



## POWER OUTPUT

Undistorted.....5.5 Watts  
Maximum.....10 "

## LOUDSPEAKER DATA

Cone..... Dynamic  
Field Resistance (Hot).....640 Ohms  
Field Current.....118 M.A.  
Voice Coil Resistance.....2.3 Ohms  
Voice Coil Impedance @ 400 C.P.S.....3 Ohms

## AUTOMATIC STATION SELECTOR

This instrument incorporates a six button permeability tuned station selector.

The frequency range of each circuit is as follows:-

- (1) ..... 540-800 K.C.
- (2) ..... 540-800 K.C.
- (3) ..... 650-975 K.C.
- (4) ..... 650-975 K.C.
- (5) ..... 925-1550 K.C.
- (6) ..... 925-1550 K.C.

## VOLTAGE CURRENT DATA

Rectifier Output.....330 Volts  
High Tension.....255 Volts  
Screen.....95 Volts  
Pentode Bias.....15 Volts  
Total Current.....118 M.A.