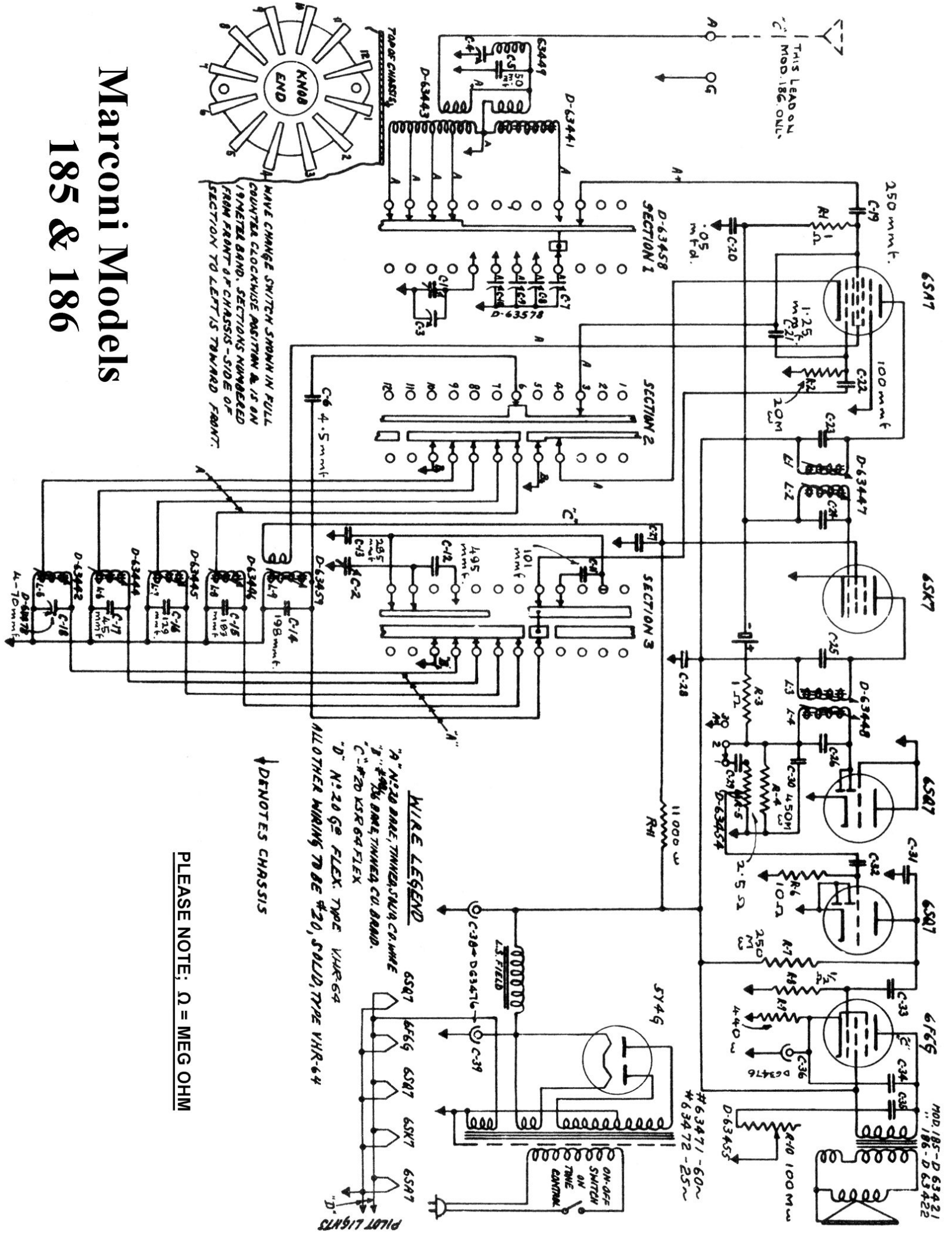




Marconi Models 185 & 186

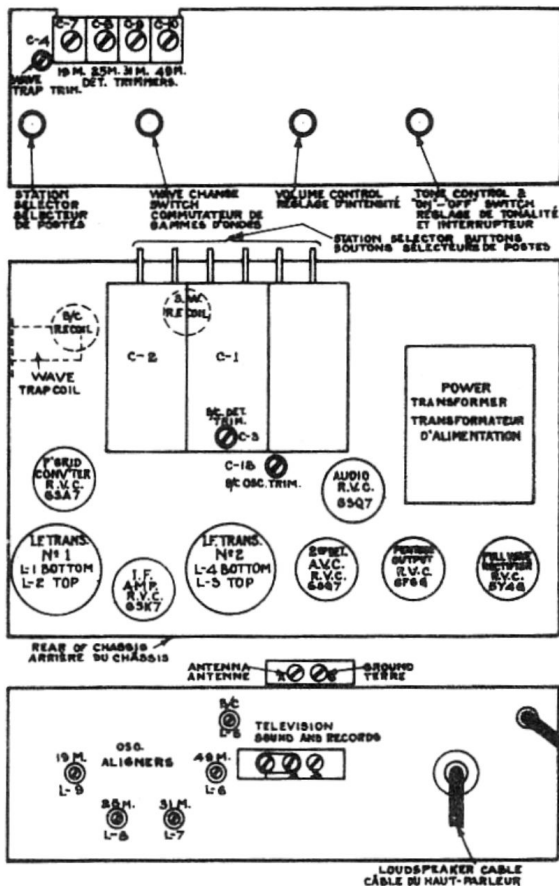
Alignment Procedure Marconi Models 185, 186

BAND SW SETTING	CONNECT SG OUTPUT TO	INPUT FREQUENCY	DIAL SETTING	DRUM IND.	ADJUST	CIRCUIT RESONATED	REMARKS
* BC	*** C.G.6SA7	462.5 KC	-	-	L4,L3,L2,L1	IF Input	Max.Output
BC	A & G	462.5 KC	Maximum	-	C4	& Output Wave Trap	Min.Output
** BC	A & G	1600 KC	1600 KC	16	C18	BC Osc.	Resonate
BC	A & G	1600 KC	1600 KC	16	C3	BC RF	Max.Output
BC	A & G	580 KC	580 KC	Rock Gang	L5	BC Osc.	Rock Gang
49M.	A & G	6.1 MC	6.1 MC	Rock Gang	L6	49M.Osc.	Resonate
49M.	A & G	6.1 MC	6.1 MC	Rock Gang	C10	49M.R.F.	Max.Output
31M.	A & G	9.6 MC	9.6 MC	Rock Gang	L7	31M.Osc.	Resonate
31M.	A & G	9.6 MC	9.6 MC	Rock Gang	C9	31M.R.F.	Max.Output
25M.	A & G	11.8 MC	11.8 MC	Rock Gang	L8	25M.Osc.	Resonate
25M.	A & G	11.8 MC	11.8 MC	Rock Gang	C8	25M.R.F.	Max.Output
19M.	A & G	15.2 MC	15.2 MC	Rock Gang	L9	19M.Osc.	Resonate
19M.	A & G	15.2 MC	15.2 MC	Rock Gang	C7	19M.R.F.	Max.Output

* **I.F. ALIGNMENT:** Short Osc. section of gang capacitor through 0.1 Mfd. For Oscilloscope alignment, connect oscilloscope input across R4. 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.



VOLTAGE READINGS SOCKET PINS TO CHASSIS

TUBE	1	2	3	4	5	6	7	8
6SA7	0	0	240	100	-5	0	6.3 AC	-0.3
6SK7	0	0	0	0	0	100	6.3 AC	250
6SQ7 (Det)	0	0	0	0	0	0	6.3 AC	0
6SQ7 (1st AF)	0	0	0	0	0	105	6.3 AC	0
6F6G	0	0	225	240	0	-	6.3 AC	15
5Y4G	-	-	320 AC	-	320 AC	-	300	300

AUTOMATIC TUNING

- (1) Remove knob from shaft to be adjusted.
- (2) Loosen shaft by unscrewing same.
- (3) Tune desired station with dial tuning knob.
- (4) Hold tuning control firmly and depress shaft to fullest extent.
- (5) While still depressed, tighten shaft by turning in a clockwise direction.

Marconi Models 185 & 186