





## Rogers 15-76 Majestic 4176 De Forest "Connemara" (Chassis 10R721)

Operation	Connect Generator	Set Generator Tuning	Set Receiver Tuning	Dummy Antenna	Volume Control	Adjust	Remarks
1	To Grid Cap of 20J8M	456 kc/s.	700-800 kc/s.	.01 mfd.	Max.	C15, C14, C13, C12, C11	To Peak I.F.
2*		1500 kc/s.	1500 kc/s.	.01 mfd.	Max.	C9	To Peak Osc.
3*		1500 kc/s.	1500 kc/s.	.01 mfd.	Max.	C7	To Peak I.S.
4*		1500 kc/s.	1500 kc/s.	.01 mfd.	Max.	C5	To Peak Ant.
5*		600 kc/s.	600 kc/s.	.01 mfd.	Max.	T6	To Track Osc.
6*		1500 kc/s.	1500 kc/s.	.01 mfd.	Max.	C9, C7, C5	To Check Adj.
7†		17.5 mc/s.	17.5 mc/s.	400 ohms	Max.	C8	To Peak Osc.
8†		17.5 mc/s.	17.5 mc/s.	400 ohms	Max.	C6	To Peak I.S.
9†		17.5 mc/s.	17.5 mc/s.	400 ohms	Max.	C4	To Peak Ant.
10†		6 mc/s.	6 mc/s.	400 ohms	Max.	T5	To Track Osc.
11†		17.5 mc/s.	17.5 mc/s.	400 ohms	Max.	C8, C6, C4	To Check Adj.

**NOTE:**—Use only a visual output indicator during alignment. Keep the generator output low — only sufficient to give a readable indication. The dummy antenna must be non-inductive, preferably that using an isolantite sleeve, and located right at the antenna terminal of the receiver.

\*Stabilize the generator before using by allowing it to operate until it stops drifting. Check its calibration against known stations at or near the aligning frequencies shown.

†Connect dummy antenna to terminal No. 4.