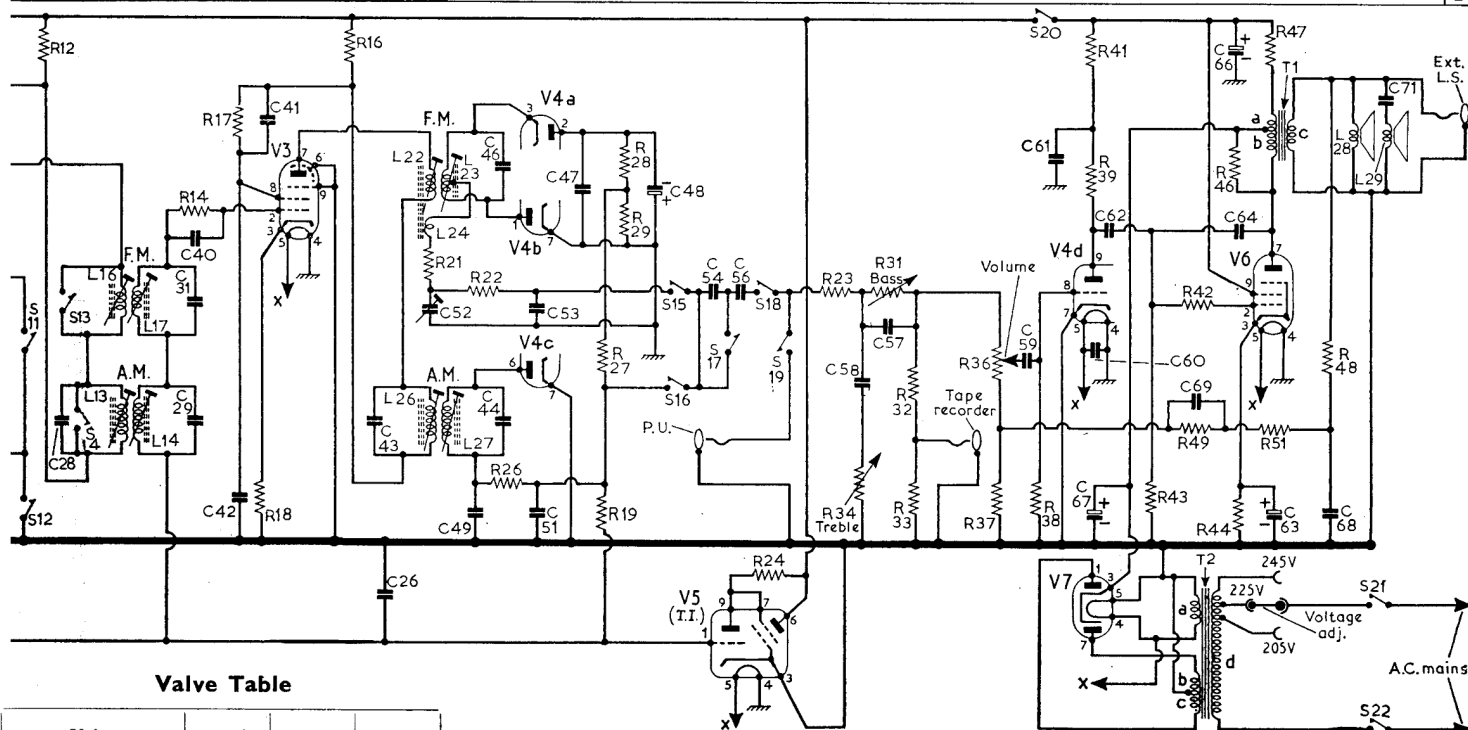


28	40,31,29	42	41	43,26	52	49,46,44,53,51	47	48	54	56	58	57	59	61	60,67,62	69	66,64,63	68	71	C	
12	14	17	18	16	21	22	26	27,19,28,29	24	23	34,31	32,33	36,37	38	41,39	43	42,49	46,44,47,51	48	R	
	16,17,13,14				22,23,24,26,27														28	29	L



Valve Table

Valve	Anode (V)	Screen (V)	Cathode (V)
V1a 6L12	144	—	—
V1b 6L12	184	—	—
V2a 6C12	100	—	1-4
V2b 6C12	236	76	1-2
V3 6F18	208	67	1-2
	215	83	0-7
V4d 6LD12	197	78	0-7
	81	—	—
V5 EM84	78	—	—
	54	—	—
V6 6P15	50	—	—
	260	252	7-8
	256	230	7-0
V7 EZ80	268§	—	286-0
	268§	—	280-0

### CIRCUIT ALIGNMENT

**Alignment Notes.**—If any of the valves or components in the F.M. circuits are replaced, the associated circuits should be realigned. The F.M. tuner cover should be in place during alignment of the F.M. R.F. circuits.

When aligning the A.M. circuits the volume control should be set at maximum output and the signal generator adjusted to give an A.F. output of 500mW (1.2V A.C.) across the speech coil L28. When aligning the F.M. circuits the volume control should be set at minimum output if the loudspeaker or output meter is dis-

connected. The M.W. aerial coil L11 is adjusted by sliding the aluminium ring (shown in location reference A1) along the ferrite rod. Do not attempt adjustment of the winding itself. Coil cores should be adjusted to the tuning position which occurs with the core nearest the open end of the former.

**MURPHY - A674, A684**

\* Receiver switched to A.M.  
† Receiver switched to F.M.  
§ A.C. reading.

