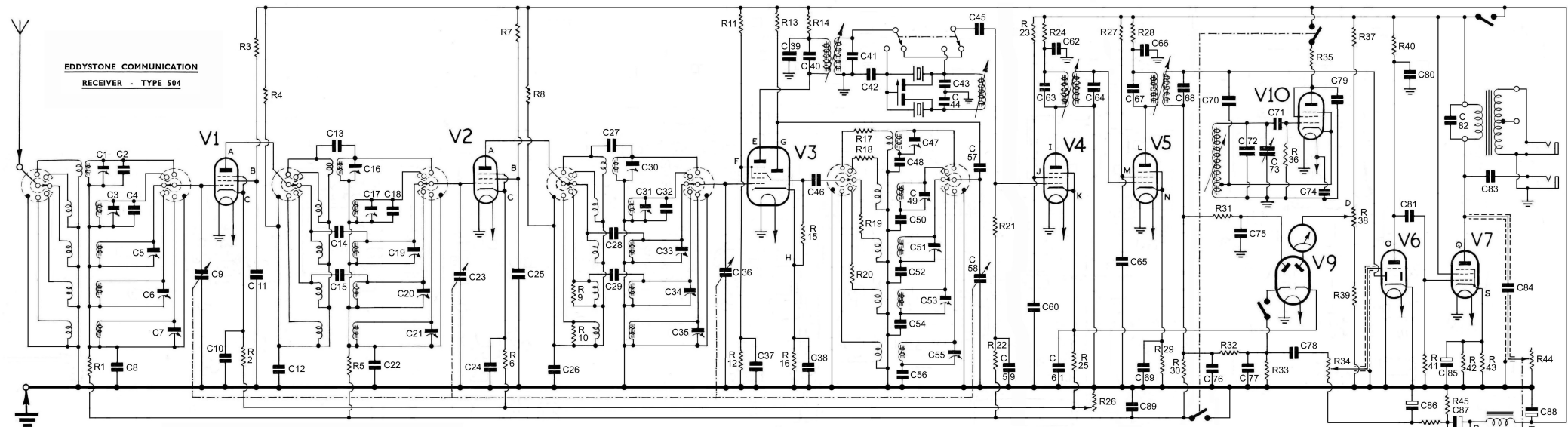


EDDYSTONE COMMUNICATION

RECEIVER - TYPE 504



C1 3-20 pfd.	Trimmer Air.	C31 3-20 pfd.	Trimmer Air.	C61 0-1 mfd.	Tub. Paper.
C2 10 pfd.	Ceramic.	C32 10 pfd.	Ceramic.	C62 0-1 mfd.	Tub. Paper.
C3 3-20 pfd.	Trimmer Air.	C33 3-20 pfd.	Trimmer Air.	C63 510 pfd.	Ceramic.
C4 10 pfd.	Ceramic.	C34 3-20 pfd.	Trimmer Air.	C64 510 pfd.	Ceramic.
C5 3-20 pfd.	Trimmer Air.	C35 3-20 pfd.	Trimmer Air.	C65 0-1 mfd.	Tub. Paper.
C6 3-20 pfd.	Trimmer Air.	C36 12.5-212.5 pfd.	Four Section Gang.	C66 0-1 mfd.	Tub. Paper.
C7 3-20 pfd.	Trimmer Air.	C37 0-1 mfd.	Tub. Paper.	C67 510 pfd.	Ceramic.
C8 .01 mfd.	Tub. Paper.	C38 0-1 mfd.	Tub. Paper.	C68 510 pfd.	Ceramic.
C9 12.5-212.5 pfd.	Four Section Gang.	C39 0-1 mfd.	Tub. Paper.	C69 0-1 mfd.	Ceramic.
C10 0-1 mfd.	Tub. Paper.	C40 510 pfd.	Ceramic.	C70 3 pfd.	Tub. Paper.
C11 0-1 mfd.	Tub. Paper.	C41 510 pfd.	Ceramic.	C71 100 pfd.	Ceramic.
C12 0-1 mfd.	Tub. Paper.	C42 100 pfd.	Ceramic.	C72 100 pfd.	Ceramic.
C13 20 pfd.	Ceramic.	C43 100 pfd.	Ceramic.	C73 5-2 pfd.	Trimmer (D925)
C14 3 pfd.	Ceramic.	C44 100 pfd.	Ceramic.	C74 -01 mfd.	Tub. Paper.
C15 3 pfd.	Ceramic.	C45 100 pfd.	Ceramic.	C75 0-1 mfd.	Tub. Paper.
C16 3-20 pfd.	Trimmer Air.	C46 100 pfd.	Ceramic.	C76 100 pfd.	Ceramic.
C17 3-20 pfd.	Trimmer Air.	C47 3-5-20 pf.	Trimmer Ceramic.	C77 100 pfd.	Ceramic.
C18 10 pfd.	Ceramic.	C48 3000 pfd.	Silvered Mica.	C78 -01 mfd.	Tub. Paper.
C19 3-20 pfd.	Trimmer Air.	C49 3-5-20 pf.	Trimmer Ceramic.	C79 0-1 mfd.	Tub. Paper.
C20 3-20 pfd.	Trimmer Air.	C50 2000 pfd.	Silvered Mica.	C80 -0005 mfd.	Moulded Mica.
C21 3-20 pfd.	Trimmer Air.	C51 3-5-20 pf.	Trimmer Ceramic.	C81 -01 mfd.	Moulded Mica.
C22 -01 mfd.	Tub. Paper.	C52 1425 pfd.	Silvered Mica.	C82 -0005 mfd.	Moulded Mica.
C23 12.5-212.5 pfd.	Four Section Gang.	C53 3-5-20 pf.	Trimmer Ceramic.	C83 -01 mfd.	Tub. Paper.
C24 0-1 mfd.	Tub. Paper.	C54 640 pfd.	Silvered Mica.	C84 25 mfd. 25v.	Tub. Paper.
C25 0-1 mfd.	Tub. Paper.	C55 3-5-20 pf.	Trimmer Ceramic.	C85 25 mfd. 25v.	Tub. Paper.
C26 0-1 mfd.	Tub. Paper.	C56 315 pfd.	Silvered Mica.	C86 25 mfd. 25v.	Tub. Paper.
C27 20 pfd.	Ceramic.	C57 100 pfd.	Ceramic.	C87 8 mfd.	Tub. Electrolytic.
C28 3 pfd.	Ceramic.	C58 12.5-212.5 pfd.	Four Section Gang.	C88 16 mfd.	Tub. Electrolytic.
C29 3 pfd.	Ceramic.	C59 -01 mfd.	Tub. Paper.	C89 -01 mfd.	Tub. Paper.
C30 3-20 pfd.	Trimmer Air.	C60 0-1 mfd.	Tub. Paper.		

R1 -47 or -5 megohm	1 Watt.	R26 10,000 ohm Pot. 2326PC.	1 Watt.
R2 330 or 300 ohms.	"	R27 0-1 megohm.	"
R3 330 or 300 ohms.	"	R28 4,700 or 5,000 ohms	"
R4 1,000 ohms.	"	R29 560 or 500 ohms.	"
R5 -47 or -5 megohm	"	R30 -47 or -5 megohm	"
R6 330 or 300 ohms.	"	R31 -47 or -5 megohm	"
R7 330 or 300 ohms.	"	R32 0-1 megohm.	"
R8 1,000 ohms.	"	R33 -27 or -25 megohm.	"
R9 1,000 ohms.	"	R34 5 megohm Pot. 3136P.	"
R10 47 or 50 ohms.	"	R35 22,000 or 20,000 ohms.	"
R11 22,000 or 20,000 ohms.	1 Watt	R36 47,000 or 50,000 ohms.	"
R12 27,000 or 30,000 ohms.	"	R37 50,000 ohms.	2 Watts
R13 27,000 or 30,000 ohms.	"	R38 600 ohm. Pot.	"
R14 4,700 or 5,000 ohms.	"	R39 330 or 300 ohms.	"
R15 47,000 or 50,000 ohms.	"	R40 0-1 megohm.	"
R16 330 or 300 ohms.	"	R41 -27 or -25 megohm.	"
R17 12 ohm.	"	R42 560 or 500 ohms.	"
R18 47 or 50 ohms.	"	R43 560 or 500 ohms.	"
R19 200 ohms.	"	R44 50,000 ohm. Pot. with switch 3137P.	"
R20 560 or 500 ohms.	"	R45 25 ohm. Wire Wound (D940).	"
R21 1 megohm.	"	R46 -27 or -25 megohm.	"
R22 47 or -5 megohm	"		
R23 47 or -5 megohm	"		
R24 4,700 or 5,000 ohms	"		
R25 560 or 500 ohms.	"		

Resistance of A.F. Choke ... 500 ohms.
Resistance of Output Transformer Primary ... 400 ohms.

VOLTAGE VALUES.

Voltages are between the point indicated and chassis. The receiver was set at 14 Mc/s on range I with the aerial shorted out, R.F. and A.F. gain controls at maximum, crystal and noise limiter switched out, the phone C.W. switch at "phone," send/receive switch at "receive" and tone control fully clockwise. Two sets of values were taken, using different meters as shown. It will be evident that the actual voltage indicated depends on the particular meter employed. A tolerance of plus or minus 5% should be allowed on the figures given.

VOLTS.

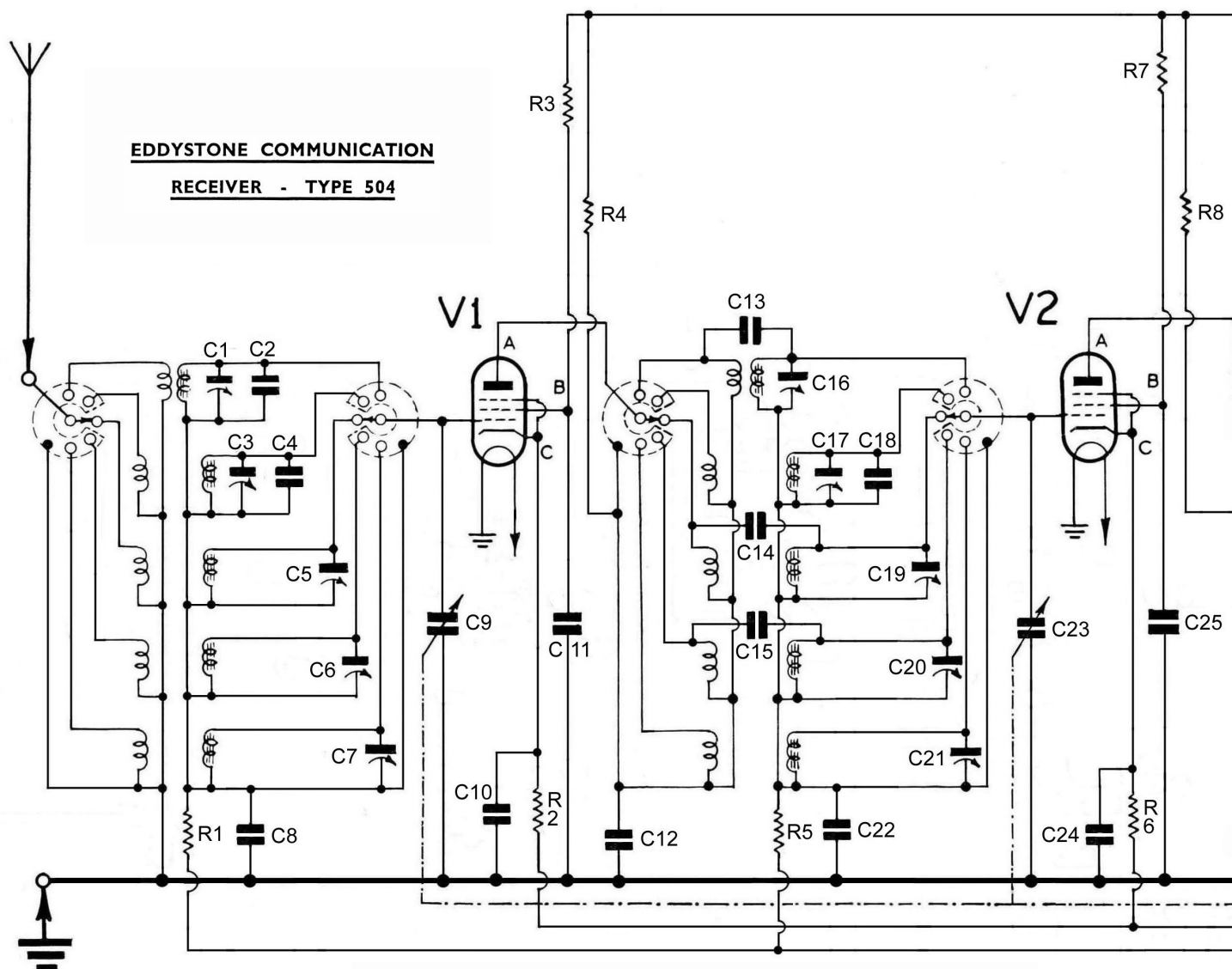
Circuit Ref.	Weston 1000 ohms/volt.	Avo Model 40.
A	180	180
B	65	25
C	1-3	0-6
D	3-2	0-6
E	170	160
F	80	70
G	45	40
H	2-5	2-5
I	165	160
J	45	40
K	2-25	2-25
L	160	152
M	40	48
N	2-2	2-0
O	50	40
P	220	220
Q	1-65	185
R	1-65	1-7
S	9-5	9-5
T	185	185

OCTAL SERIES.

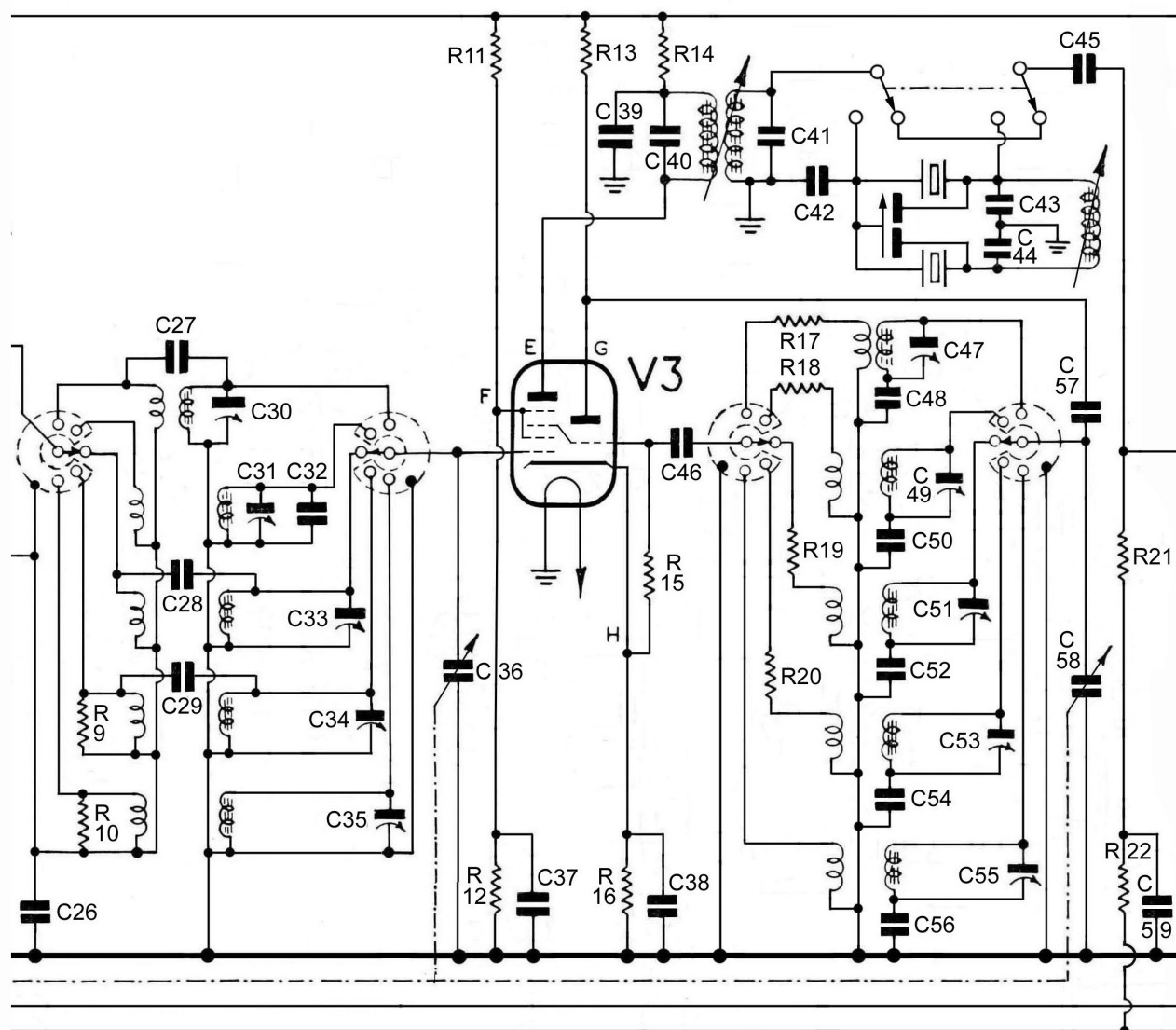
VALVE	1	2	3	4	5	6	7	8	TOP CAP
EF 39	M	H	A	G2	G3	-	H	K	G1
ECH35	M	H	A	G2	G3	A1	H	K	G1
EBC33	M	H	A	D1	D2	-	H	K	G1
6V6GT	-	H	A	G2	G1	-	H	K	-
5Z4	-	H	-	A2	-	A1	-	H	-
EB 34	M	S	H	D1	K1	D	-	H	K

EDDYSTONE COMMUNICATION

RECEIVER - TYPE 504



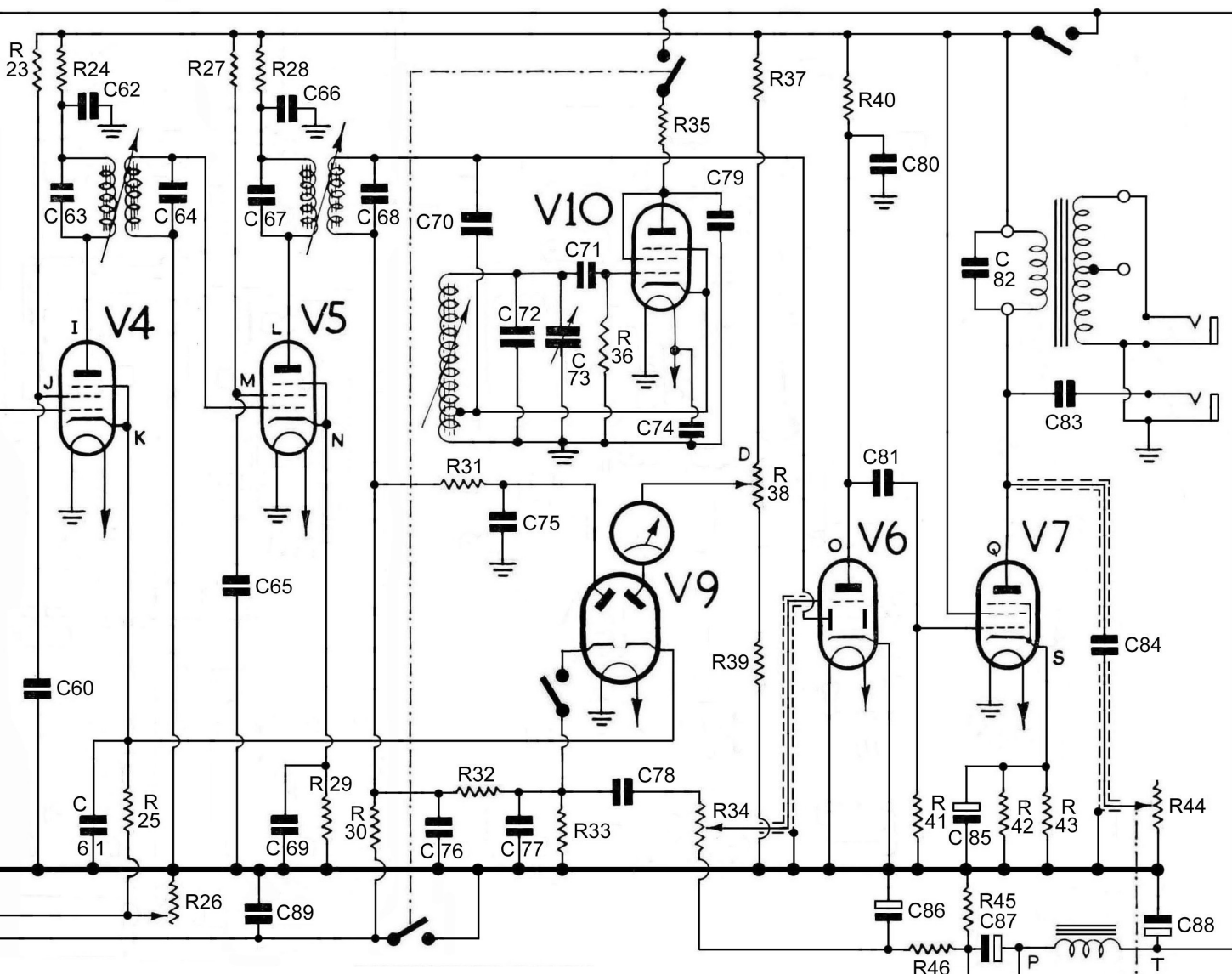
C1	3—20 pfd.	Trimmer Air.	C31	3—20 pfd.	Trimmer Air.	C61	0.1 mfd.	Tub. Paper.
C2	10 pfd.	Ceramic.	C32	10 pfd.	Ceramic.	C62	0.1 mfd.	Tub. Paper.
C3	3—20 pfd.	Trimmer Air.	C33	3—20 pfd.	Trimmer Air.	C63	510 pfd.	Ceramic.
C4	10 pfd.	Ceramic.	C34	3—20 pfd.	Trimmer Air.	C64	510 pfd.	Ceramic.
C5	3—20 pfd.	Trimmer Air.	C35	3—20 pfd.	Trimmer Air.	C65	0.1 mfd.	Tub. Paper.
C6	3—20 pfd.	Trimmer Air.	C36	12.5—212.5 pfd.	Four Section Gang.	C66	0.1 mfd.	Tub. Paper.
C7	3—20 pfd.	Trimmer Air.	C37	0.1 mfd.	Tub. Paper.	C67	510 pfd.	Ceramic.
C8	0.1 mfd.	Tub. Paper.	C38	0.1 mfd.	Tub. Paper.	C68	510 pfd.	Ceramic.
C9	12.5—212.5 pfd.	Four Section Gang.	C39	0.1 mfd.	Tub. Paper.	C69	0.1 mfd.	Tub. Paper.
C10	0.1 mfd.	Tub. Paper.	C40	510 pfd.	Ceramic.	C70	3 pfd.	Ceramic.
C11	0.1 mfd.	Tub. Paper.	C41	510 pfd.	Ceramic.	C71	100 pfd.	Ceramic.
C12	0.1 mfd.	Tub. Paper.	C42	10 pfd.	Ceramic.	C72	100 pfd.	Ceramic.
C13	20 pfd.	Ceramic.	C43	100 pfd.	Ceramic.	C73	5.2 pfd.	Trimmer (D925)
C14	3 pfd.	Ceramic.	C44	100 pfd.	Ceramic.	C74	0.1 mfd.	Tub. Paper.
C15	3 pfd.	Ceramic.	C45	100 pfd.	Ceramic.	C75	0.1 mfd.	Tub. Paper.
C16	3—20 pfd.	Trimmer Air.	C46	100 pfd.	Ceramic.	C76	100 pfd.	Ceramic.
C17	3—20 pfd.	Trimmer Air.	C47	3.5—20 pf.	Trimmer Ceramic.	C77	100 pfd.	Ceramic.
C18	10 pfd.	Ceramic.	C48	3000 pfd.	Silvered Mica.	C78	0.1 mfd.	Tub. Paper.
C19	3—20 pfd.	Trimmer Air.	C49	3.5—20 pf.	Trimmer Ceramic.	C79	0.1 mfd.	Tub. Paper.
C20	3—20 pfd.	Trimmer Air.	C50	2000 pfd.	Silvered Mica.	C80	0.005 mfd.	Moulded Mica.
C21	3—20 pfd.	Trimmer Air.	C51	3.5—20 pf.	Trimmer Ceramic.	C81	0.1 mfd.	Moulded Mica.
C22	0.1 mfd.	Tub. Paper.	C52	1425 pfd.	Silvered Mica.	C82	0.005 mfd.	Moulded Mica.
C23	12.5—212.5 pfd.	Four Section Gang.	C53	3.5—20 pf.	Trimmer Ceramic.	C83	0.1 mfd.	Tub. Paper.
C24	0.1 mfd.	Tub. Paper.	C54	640 pfd.	Silvered Mica.	C84	0.1 mfd.	Tub. Paper.
C25	0.1 mfd.	Tub. Paper.	C55	3.5—20 pf.	Trimmer Ceramic.	C85	25 mfd. 25v.	Tub.
C26	0.1 mfd.	Tub. Paper.	C56	315 pfd.	Silvered Mica.	C86	25 mfd. 25v.	Tub.
C27	20 pfd.	Ceramic.	C57	100 pfd.	Ceramic.	C87	8 mfd.	Tub. Electrolytic.
C28	3 pfd.	Ceramic.	C58	12.5—212.5 pfd.	Four Section Gang.	C88	16 mfd.	Tub. Electrolytic.
C29	3 pfd.	Ceramic.	C59	0.1 mfd.	Tub. Paper.	C89	0.1 mfd.	Tub. Paper.
C30	3—20 pfd.	Trimmer Air.	C60	0.1 mfd.	Tub. Paper.			



R1	.47 or .5 megohm	$\frac{1}{2}$ Watt.	R26	10,000 ohm Pot. 2326PC.	—
R2	330 or 300 ohms.	"	R27	0.1 megohm.	$\frac{1}{2}$ Watt.
R3	0.1 megohm.	"	R28	4,700 or 5,000 ohms	"
R4	1,000 ohms.	"	R29	560 or 500 ohms.	"
R5	.47 or .5 megohm	"	R30	.47 or .5 megohm	"
R6	330 or 300 ohms.	"	R31	.47 or .5 megohm	"
R7	0.1 megohm.	"	R32	0.1 megohm.	"
R8	1,000 ohms.	"	R33	.27 or .25 megohm.	"
R9	1,000 ohms.	"	R34	.5 megohm Pot. 3136P.	—
R10	47 or 50 ohms.	"	R35	22,000 or 20,000 ohms.	"
R11	22,000 or 20,000 ohms.	1 Watt	R36	47,000 or 50,000 ohms.	"
R12	27,000 or 30,000 ohms.	"	R37	50,000 ohm.	2 Watts
R13	27,000 or 30,000 ohms.	"	R38	600 ohm. Pot.	—
R14	4,700 or 5,000 ohms	"	R39	330 or 300 ohms.	"
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R20	560 or 500 ohms.	"	R45	25 ohm. Wire Wound (D940)	—
R21	1 megohm.	"	R46	.27 or .25 megohm.	"
R22	.47 or .5 megohm	"			
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R24	4,700 or 5,000 ohms	"			
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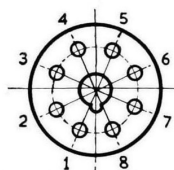


VOLTAGE VALUES.

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VOLTS.

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G	65	60
H	2.5	2.5
I	165	160
J	65	60
K	2.25	2.25
L	160	152
M	60	48
N	2.2	2.0
O	50	40
P	220	220
Q	185	185
R	1.65	1.7
S	9.5	8.7
T	185	185



OCTAL SERIES.

VALVE	1	2	3	4	5	6	7	8	TOP CAP
EF 39	M	H	A	G2	G3	—	H	K	G1
ECH 35	M	H	A	G2	GT	AT	H	K	G1
				G4	G3				
EBC 33	M	H	A	D1	D2	—	H	K	G1
6V6GT	—	H	A	G2	G1	—	H	K	—
5Z4	—	H	—	A2	—	A1	—	K	—
								H	
EB 34	M	H	D1	K1	D	—	H	K	—
	S								