

ZF: 465

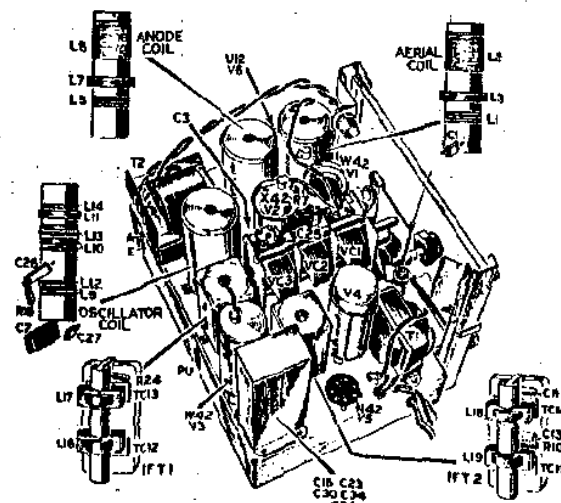
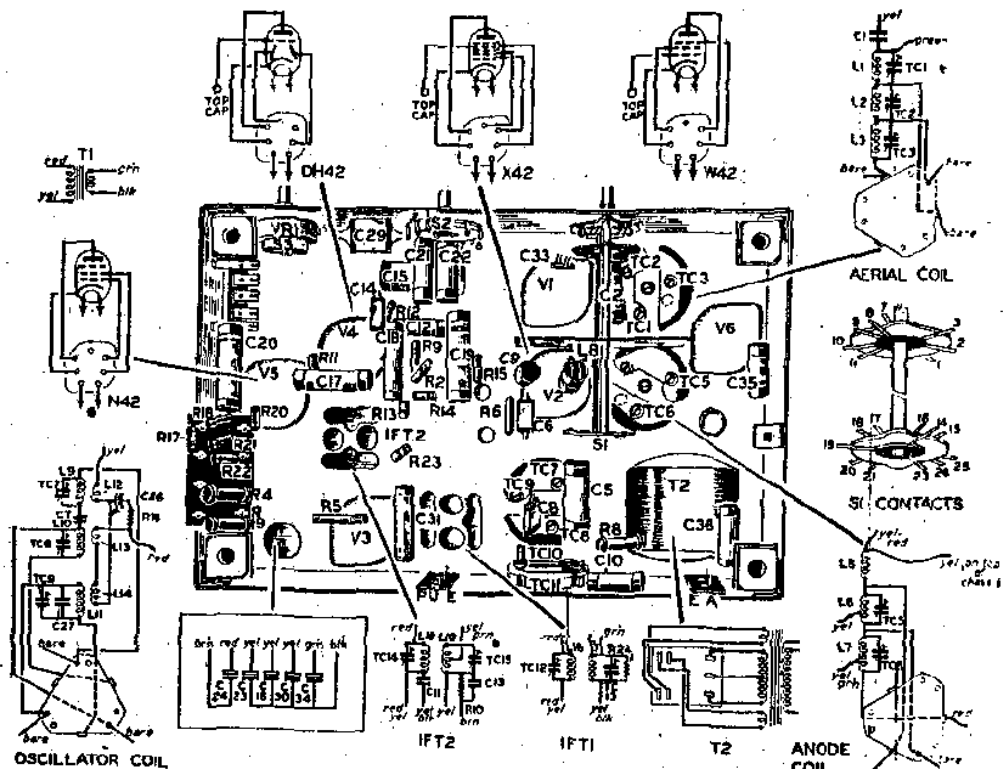
# VALVE TABLE

Values given are  $\pm 20$  per cent. Readings taken on 220 volts mains.  
Receiver tuned to point of no reception unless otherwise stated.

Valves.	V1 (W42)	V2 (X42)		V3 (W42)	V4 (DH42)	V5 (N42)	V6 (U12)
Anode-frame, volts	250	Mixer 245	Osc.* 150 (110) S.W. Gram. } 105	210	135	260	
Screen frame, volts	80	80		80		250	
Anode feed, mA	4.6* (1.5)	Mixer 2.7* (1.5)	Osc. 3.8* mA	5.2*	1.5	35.0	
Screen feed, mA	1.4* (0.4)	2.6* (3.8)		1.4*		5.2	
Bias, volts	2	2		2	1.2	17	385 volts
Measured		Junction R20, R21 and chassis			Cathode to chassis	Junction R21, R22, and chassis	Cathode to tag 7 L.S. panel

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Part No.	Description.
<b>INDUCTANCES continued</b>	
22535E	Screen, with insulating bush
16757	Insulating bush
24282J	1 F.T. 2—2nd I.F. Transformer, complete with L18, L19, R10, C11, C13, TC14 and TC15
22535D	Screen
12619	Screw, P.K., securing I.F. transformers
<b>RESISTANCES</b>	
24150K	R2 — 75,000 ohms
19105AK	R4 — 23,000 ohms (S.L.)
17140E	R5 — 35,000 ohms
24150J	R6 — 50,000 ohms
24150N	R7 — 500,000 ohms
19104P	R8 — 22,000 ohms
24150L	R9 — 100,000 ohms
24150N	R10 — 500,000 ohms
24150J	R11 — 50,000 ohms
24150AE	R12 — 750 ohms
24150N	R13 — 500,000 ohms
24150N	R14 — 500,000 ohms
24150N	R15 — 500,000 ohms
24150AA	R16 — 100 ohms
24150L	R17 — 100,000 ohms
24150AJ	R18 — 150,000 ohms
19105A	R19 — 1,000 ohms
24150BA	R20 — 1,000 ohms (S.L.)
24150BF	R21 — 7,500 ohms (S.L.)
24150BL	R22 — 50,000 ohms (S.L.)
24150F	R23 — 10,000 ohms
24150AL	R24 — 750,000 ohms
18300CP	VR1 and S3—2-megohm volume control and mains On/Off switch complete with nut and S.P. washer
<b>CONDENSERS</b>	
22164B	C1 — 7.5 m/mfd.
24900VV	C2 — 0.05 mfd.
24900AA	C3 — 0.1 mfd.
24900AA	C5 — 0.1 mfd.
22170A	C6 — 50 m/mfd.
22330CP	C7 — 0.0035 mfd. (V.S.L.)
22330AL	C8 — 0.0035 mfd. (S.L.)
24900AA	C9 — 0.1 mfd.
24900J	C10 — 0.005 mfd.
22170AB	C11 — 75 m/mfd.
24900N	C12 — 0.01 mfd.
22170B	C13 — 100 m/mfd.
22170AF	C14 — 0.00035 mfd.
17250D	C15 — 25 mfd. 12v. electrolytic
26174A	C16 — 4 mfd. electrolytic, with C23, C24, C30 and C34
12619	Screw, P.K., securing electrolytic condenser block
18146D	C17 — 0.05 mfd.
24900VV	C18 — 0.05 mfd.
24900AE	C19 — 0.23 mfd.
24900AE	C20 — 0.23 mfd.
24900N	C21 — 0.01 mfd.
24900S	C22 — 0.023 mfd.
—	C23 — 4 mfd. electrolytic, see C16
—	C24 — 8 mfd. electrolytic, see C16
22164F	C25 — 35 m/mfd.
22170AC	C26 — 150 m/mfd.
22164E	C27 — 23 m/mfd.
24900E	C29 — 0.0023 mfd.



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