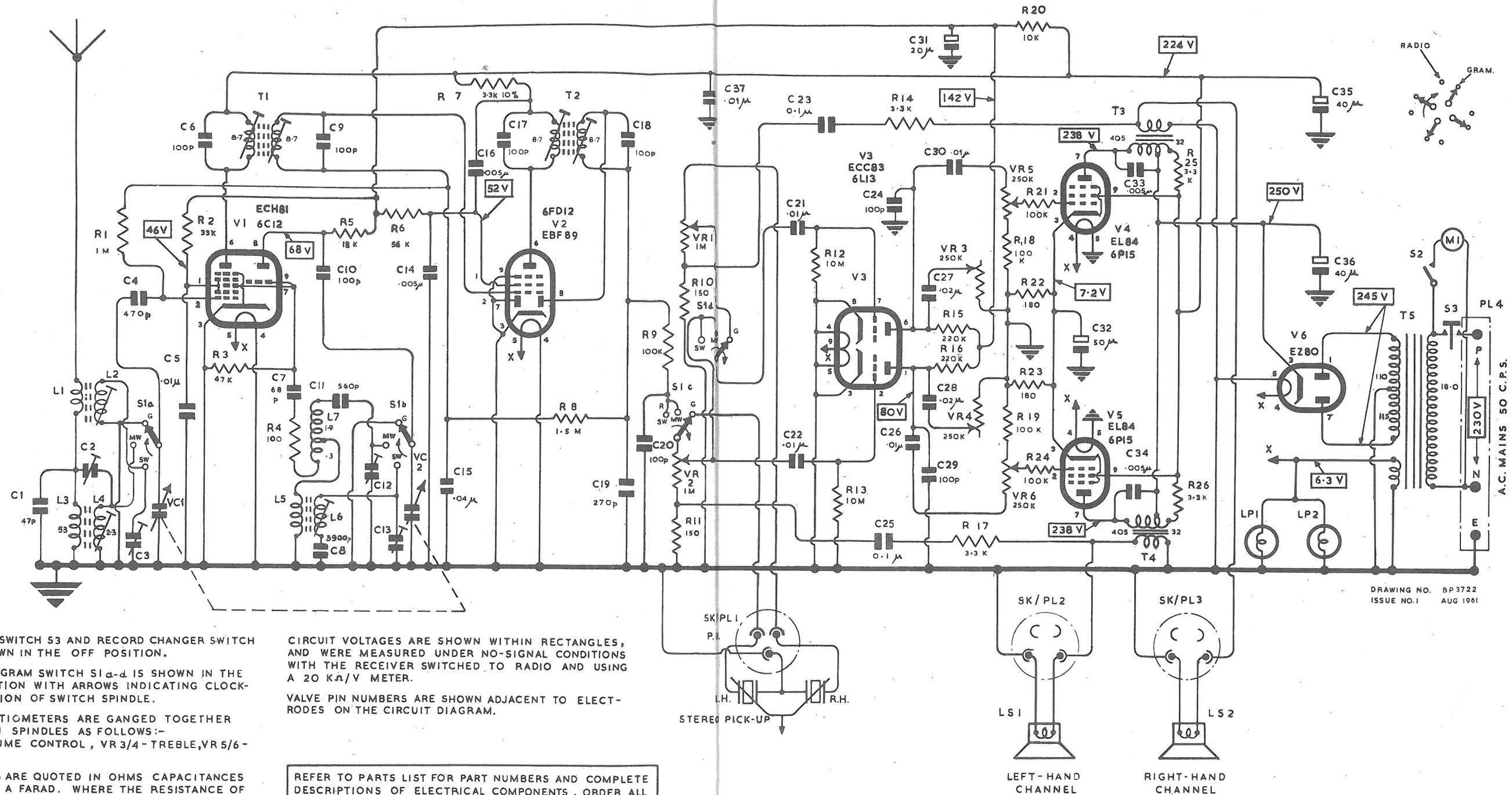


SGD618, SGD619, ALIGNMENT TABLE.

CIRCUIT	NOTES	SIG. GEN. TERMINATION	CONNECT SIG. GEN. TO.	SIG. GEN. FREQUENCY	RECEIVER SETTING	ADJUSTMENTS
2nd I.F.T.	Unscrew pri. core (bottom of can) before starting adjustments	Via. .01mfd capacitor	V2 Grid 1 (Pin 2)	455 Kc/s	M.W. Gang Closed	T2 Sec. (Top of Can) T2 Pri. (Bottom of Can) Do not readjust sec. core.
1st I.F.T.	Unscrew sec. core (top of can) before adjusting pri.)	As above	V1 Grid 1 (Pin 2)	455 Kc/s	As above	T1 Pri. (Bottom of can) T1 Sec. (Top of Can) Do not readjust pri. core.
Medium Wave		Dummy Antenna	Aerial & Earth	1364 Kc/s	1364 Kc/s	Osc. Trimmer C12 (right end under Chassis) Aerial trimmer C2 (on aerial Coil).
		As above	As above	600 K.C.	600 K.C.	Osc. Coil Core L7 (behind gang) Aerial Core L2 (right end, under chassis).
	Repeat last two operations till no further improvement.					
Short Wave	Switch to Short Wave. Rock tuning for max. response.	As above	As above	17.8 M.C.	17.8 M.C.	Osc. Trimmer (C13 by R/G Switch) Ae. Trimmer C3, (front right corner).
		"	"	6.7 M.C.	6.7 M.C.	Osc. Coil L6 (top left of gang) Ae. Coil L2 (front right corner).
	Repeat last two operations till no further improvement.					

CAPACITORS																	CAPACITORS.																		
C 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
RESISTORS																	RESISTORS																		
R 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
MISCELLANEOUS																	MISCELLANEOUS																		
L1-2	VC1	VF	TI	L7	VC2	V2	T2	SK	VR1	VR2	SK/PL1	V3	VR3	VR4	VR5	SK2	V4	T3	SK3	PL3	LS2	LP1	V6	LP2	T5	S2	M1	S3	PL4	MISC.	S3	PL4			



THE POWER SWITCH S3 AND RECORD CHANGER SWITCH S2 ARE SHOWN IN THE OFF POSITION.

THE RADIO/GRAM SWITCH S1 IS SHOWN IN THE GRAM POSITION WITH ARROWS INDICATING CLOCKWISE ROTATION OF SWITCH SPINDLE.

DUAL POTENTIOMETERS ARE GANGED TOGETHER ON COMMON SPINDLES AS FOLLOWS:-  
VR1/2 - VOLUME CONTROL, VR3/4 - TREBLE, VR5/6 - BALANCE.

RESISTANCES ARE QUOTED IN OHMS CAPACITANCES IN PARTS OF A FARAD. WHERE THE RESISTANCE OF A WINDING IS LESS THAN ONE OHM THE VALUE IS OMITTED FROM THE CIRCUIT DIAGRAM.

CIRCUIT VOLTAGES ARE SHOWN WITHIN RECTANGLES, AND WERE MEASURED UNDER NO-SIGNAL CONDITIONS WITH THE RECEIVER SWITCHED TO RADIO AND USING A 20 K $\Omega$ /V METER.

VALVE PIN NUMBERS ARE SHOWN ADJACENT TO ELECTRODES ON THE CIRCUIT DIAGRAM.

REFER TO PARTS LIST FOR PART NUMBERS AND COMPLETE DESCRIPTIONS OF ELECTRICAL COMPONENTS. ORDER ALL REPLACEMENTS BY PART NUMBER AND LIST DESCRIPTION.

**CIRCUIT DIAGRAM FOR MURPHY SGD618 CARINA AND SGD619 OBERON STEREO - RADIOGRAMS. — NOVAL SERIES.—DUAL WAVE**