

SPARES ORDERING SCHEDULE NO. SOS/995A/1, ISSUE 2

WITH CIRCUIT REFERENCES

for

F.M./A.M. SIGNAL GENERATOR TYPE TF 995A/1

Applicable to Instruments,  
Serial Nos:-  
1940001 to 1940300

When ordering replacement parts, please state: the quantity and type required, the number and issue of this Spares Ordering Schedule, and the SOS item number of the part required.

For example, to order a replacement for the 220-k $\Omega$ ,  $\frac{1}{2}$ -watt resistor, R3, quote:-

1 off, Resistor: SOS/995A/1, Issue 2, Item 3

SOS Item No.	Circuit Ref.	Description	Works Ref.
RESISTORS			
1	R1	Composition, 470 k $\Omega$ $\pm$ 20%, 1/4 W.	4-TM4800
2	R2	Composition, 1.5 k $\Omega$ *, 1/2 W.	58-TM4826
3	R3	Composition, 220 k $\Omega$ $\pm$ 20%, 1/2 W.	18-TM4800
4	R4	Composition, 270 k $\Omega$ $\pm$ 20%, 1/8 W.	5-TM4800
5	R5	Composition, 27 k $\Omega$ *, 1/4 W.	5-TM4706
6	R6	Composition, 2.7 k $\Omega$ *, 1/2 W.	59-TM4826

\* Nominal value; actual value determined during calibration.

SOS Item No.	Cir- cuit Ref	Description	Works Ref.
RESISTORS (continued)			
7	R7	Wire-Wound, 1 k $\Omega$ Variable $\pm$ 10%, 3 W.	18-TM4831
8	R8	Composition, 330 k $\Omega$ *, 1/4 W.	60-TM4826
9	R9	Composition, 5.1 k $\Omega$ *, 1/2 W.	7-TM4706
10	R10	Composition, 10 k $\Omega$ $\pm$ 20%, 1/2 W.	6-TM4800
11	R11	Composition, 12 k $\Omega$ *, 1/4 W.	4-TM4706
12	R12	Composition, 4.7 k $\Omega$ *, 1/2 W.	8-TM4706
13	R13	Composition, 3.9 k $\Omega$ *, 1/4 W.	3-TM4706
14	R14	Composition, 8.2 k $\Omega$ *, 1/2 W.	6-TM4706
15	R15	Composition, 4.7 k $\Omega$ $\pm$ 20%, 1/8 W.	8-TM4800
16	R16	Wire-Wound, 4.7 k $\Omega$ $\pm$ 5%, 7 W.	113-TM4826
17	R17	Composition, 220 k $\Omega$ $\pm$ 20%, 1/8 W.	61-TM4826
18	R18	Composition, 220 k $\Omega$ $\pm$ 20%, 1/8 W.	7-TM4800
19	R19	Composition, 1.2 k $\Omega$ *, 1/4 W.	53-TM4826
20	R20	Composition, 10 k $\Omega$ $\pm$ 5%, 1/2 W.	62-TM4826
21	R21	Composition, 68 k $\Omega$ $\pm$ 10%, 1/8 W.	66-TF995A/1
22	R22	Composition, 68 k $\Omega$ $\pm$ 10%, 1/8 W.	66-TF995A/1
23	R23	Composition, 56 k $\Omega$ $\pm$ 20%, 1/8 W.	63-TM4826
24	R24	Composition, 39 k $\Omega$ *, 1/8 W.	65-TF995A/1
25	R25	Composition, 20 k $\Omega$ Variable $\pm$ 20%, 1/4 W.	74-TF995A/1
26	R26	Composition, 15 k $\Omega$ $\pm$ 20%, 1/8 W.	64-TM4826

\* Nominal value; actual value determined during calibration

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
RESISTORS (continued)			
27	R27	Composition, 2.7 k $\Omega$ $\pm$ 20%, 1/8 W.	52-TM4826
28	R28	Composition, 220 k $\Omega$ $\pm$ 20%, 1/8 W.	10-TM4800
29	R29	Composition, 6.8 k $\Omega$ $\pm$ 20%, 1/8 W.	65-TM4826
30	R30	Composition, 6.8 k $\Omega$ $\pm$ 20%, 1/4 W.	114-TM4826
31	R31	Composition, 270 k $\Omega$ $\pm$ 20%, 1/8 W.	51-TM4826
32	R32	Composition, 100 $\Omega$ $\pm$ 20%, 1/4 W.	54-TM4826
33	R33	Composition, 2.2 k $\Omega$ $\pm$ 20%, 1/4 W.	66-TM4826
34	R34	Composition, 390 $\Omega$ $\pm$ 5%, 1/4 W.	11-TM4800
35	R35	Wire-Wound, 15 k $\Omega$ $\pm$ 5%, 7 W.	112-TM4826
36	R36	Wire-Wound, 7.5 k $\Omega$ $\pm$ 5%, 7 W.	111-TM4826
37	R37	Wire-Wound, 5 k $\Omega$ $\pm$ 5%, 7 W.	110-TM4826
38	R39	Composition, 220 k $\Omega$ *, 1/2 W.	110-TF995A/1
39	R40	Composition, 15 k $\Omega$ $\pm$ 20%, 1/8 W.	64-TM4826
40	R41	Composition, 6.8 k $\Omega$ $\pm$ 20%, 1/8 W.	65-TM4826
41	R42	Composition, 2.2 k $\Omega$ $\pm$ 20%, 1/4 W.	66-TM4826
42	R43	Composition, 10 k $\Omega$ $\pm$ 20%, 1 W.	61-TF995A/1
43	R44	Wire-Wound, 20 k $\Omega$ Variable, $\pm$ 10%, 3 W.	75-TF995A/1
44	R45	Composition, 100 k $\Omega$ $\pm$ 20%, 1/8 W.	50-TM4826
45	R46	Composition, 6.8 k $\Omega$ $\pm$ 20%, 1/2 W.	109-TM4826
46	R47	Composition, 10 k $\Omega$ $\pm$ 20%, 1/2 W.	5-TM4087/10

\* Nominal value; actual value determined during calibration

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
RESISTORS (continued)			
47	R48	Composition, 2.2 k $\Omega$ $\pm$ 20%, 1/4 W.	66-TM4826
48	R49	Wire-Wound, 4 k $\Omega$ $\pm$ 5%, 7 W.	72-TF995A/1
49	R50	Composition, 220 k $\Omega$ $\pm$ 20%, 1/2 W.	76-TF995A/1
50	R51	Composition, 4.7 k $\Omega$ $\pm$ 20%, 1/8 W.	55-TM4826
51	R52	Composition, 220 k $\Omega$ $\pm$ 20%, 1/4 W.	70-TM4826
52	R53	Composition, 270 k $\Omega$ $\pm$ 20%, 1/8 W.	56-TM4826
53	R54	Composition, 6.8 k $\Omega$ $\pm$ 20%, 1/8 W.	65-TM4826
54	R55	Composition, 68 k $\Omega$ $\pm$ 20%, 1/8 W.	115-TM4826
55	R56	Composition, 47 k $\Omega$ $\pm$ 20%, 1/2 W; includes L21.	TB23173/9
56	R57	Composition, 2.2 k $\Omega$ $\pm$ 20%, 1/4 W.	66-TM4826
57	R58	Composition, 100 k $\Omega$ $\pm$ 20%, 1/4 W.	68-TM4826
58	R59	Composition, 6.8 k $\Omega$ $\pm$ 20%, 1/8 W.	65-TM4826
59	R60	Composition, 100 k $\Omega$ $\pm$ 20%, 1/8 W.	50-TM4826
60	R61	Composition, 2.2 k $\Omega$ $\pm$ 20%, 1/4 W.	66-TM4826
61	R62	Composition, 33 k $\Omega$ $\pm$ 20%, 1/2 W; includes L19.	TB23173/10
62	R63	Composition, 750 k $\Omega$ *, 1/4 W.	78-TF995A/1
63	R64	Composition, 470 k $\Omega$ $\pm$ 20%, 1/4 W.	58-TF995A/1
64	R65	Wire-Wound, 500 $\Omega$ Variable, $\pm$ 20%, 1/4 W.	73-TF995A/1
65	R66	Composition, 180 k $\Omega$ *, 1/2 W.	64-TF995A/1
66	R67	Composition, 56 k $\Omega$ *, 1/2 W.	63-TF995A/1

\* Nominal value; actual value determined during calibration

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
RESISTORS (continued)			
67	R68	Composition, 150 kΩ*, 1/4 W.	62-TF9954/1
68	R69	Composition, 47 kΩ*, 1/4 W.	60-TF9954/1
69	R70	Composition, 2.7 kΩ*, 1/8 W.	71-TF9954/1
70	R71	Composition, 1 kΩ ± 20%, 1/8 W.	41-TM4297
71	R72	Composition, 1 kΩ ± 20%, 1/8 W.	41-TM4297
72	R73	Carbon, High Stability, 82.5 kΩ ± 1%, 1/8 W.	36-TM4297
73	R74	Carbon, High Stability, 742 Ω ± 1%, 1/8 W.	35-TM4297
74	R75	Carbon, High Stability, 742 Ω ± 1%, 1/8 W.	35-TM4297
75	R76	Carbon, High Stability, 742 Ω ± 1%, 1/8 W.	35-TM4297
76	R77	Carbon, High Stability, 742 Ω ± 1%, 1/8 W.	35-TM4297
77	R78	Carbon, High Stability, 220 Ω ± 1%, 1/8 W.	38-TM4297
78	R79	Carbon, High Stability, 91.6 Ω ± 1%, 1/8 W.	37-TM4297
79	R80	Carbon, High Stability, 91.6 Ω ± 1%, 1/8 W.	37-TM4297
80	R81	Carbon, High Stability, 91.6 Ω ± 1%, 1/8 W.	37-TM4297
81	R82	Carbon, High Stability, 82.5 Ω ± 1%, 1/8 W.	36-TM4297
82	R83	Carbon, High Stability, 17.9 Ω ± 1%, 1/8 W.	24-TM4298
83	R84	Carbon, High Stability, 17.9 Ω ± 1%, 1/8 W.	24-TM4298
84	R85	Carbon, High Stability, 17.9 Ω ± 1%, 1/8 W.	24-TM4298
85	R86	Carbon, High Stability, 17.9 Ω ± 1%, 1/8 W.	24-TM4298
86	R87	Carbon, High Stability, 17.9 Ω ± 1%, 1/8 W.	24-TM4298

\* Nominal value; actual value determined during calibration

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
RESISTORS (continued)			
87	R88	Carbon, High Stability, 17.9 $\Omega \pm 1\%$ , 1/8 W.	24-TM298
88	R89	Carbon, High Stability, 17.9 $\Omega \pm 1\%$ , 1/8 W.	24-TM298
89	R90	Carbon, High Stability, 17.9 $\Omega \pm 1\%$ , 1/8 W.	24-TM298
90	R91	Carbon, High Stability, 17.9 $\Omega \pm 1\%$ , 1/8 W.	24-TM298
91	R92	Carbon, High Stability, 17.9 $\Omega \pm 1\%$ , 1/8 W.	24-TM298
92	R93	Carbon, High Stability, 61.2 $\Omega \pm 1\%$ , 1/8 W.	28-TM298
93	R94	Carbon, High Stability, 332 $\Omega \pm 1\%$ , 1/8 W.	26-TM298
94	R95	Carbon, High Stability, 167 $\Omega \pm 1\%$ , 1/8 W.	27-TM298
95	R96	Carbon, High Stability, 167 $\Omega \pm 1\%$ , 1/8 W.	27-TM298
96	R97	Carbon, High Stability, 167 $\Omega \pm 1\%$ , 1/8 W.	27-TM298
97	R98	Carbon, High Stability, 167 $\Omega \pm 1\%$ , 1/8 W.	27-TM298
98	R99	Carbon, High Stability, 37.5 $\Omega \pm 1\%$ , 1/8 W.	25-TM298
99	R100	Carbon, High Stability, 90 $\Omega \pm 2\%$ , 1/8 W.	12-TM736
100	R101	Carbon, High Stability, 90 $\Omega \pm 2\%$ , 1/8 W.	12-TM736
101	R102	Carbon, High Stability, 360 $\Omega \pm 1\%$ , 1/8 W.	13-TM736
102	R103	Carbon, High Stability, 37.5 $\Omega \pm 5\%$ , 1/8 W.	10-TM308
103	R104	Carbon, High Stability, 75 $\Omega \pm 5\%$ , 1/8 W.	11-TM308
104	R105	Carbon, High Stability, 14.5 $\Omega \pm 5\%$ , 1/8 W.	12-TM308
105	R106	Composition, 560 $\Omega \pm 10\%$ , 1/4 W.	77-TF995A/1
106	R107	Composition, 22 k $\Omega \pm 20\%$ , 1/8 W.	69-TM826
107	R108	Composition, 1 M $\Omega \pm 20\%$ , 1/4 W.	59-TF995A/1

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
RESISTORS (continued)			
108	R109	Composition, 2.2 k $\Omega$ $\pm$ 10%, 1/8 W.	69-TF995A/1
109	R110	Composition, 100 $\Omega$ $\pm$ 20%, 1/4 W.	54-TM4826
110	R111	Composition, 10 k $\Omega$ $\pm$ 20%, 1/4 W.	57-TM4826
111	R112	Wire-Wound, 500 $\Omega$ , Variable, 2 W.	81-TF995A/1
CAPACITORS			
112	C1	Paper, 0.1 $\mu$ F $\pm$ 20%, 350 V d.c.	3-TM4800
113	C2	Paper, 0.1 $\mu$ F $\pm$ 20%, 350 V d.c.	17-TM4800
114	C3	Mica, Special Assembly, 100 $\mu$ F, Nominal.	
115	C4	Mica, 100 $\mu$ F $\pm$ 10%, 350 V d.c.	117-TM4826
116	C5	Mica, 100 $\mu$ F $\pm$ 10%, 350 V d.c.	117-TM4826
117	C6	Paper, 0.02 $\mu$ F*, 350 V d.c.	12-TM4800
118	C7	Mica, 200 $\mu$ F $\pm$ 20%, 350 V d.c.	71-TM4826
119	C8	Mica, 100 $\mu$ F $\pm$ 10%, 350 V d.c.	95-TF995A/1
120	C9	Mica, 100 $\mu$ F $\pm$ 20%, 350 V d.c.	86-TF995A/1
121	C10	Mica, Special Assembly, 100 $\mu$ F, Nominal.	

\* Nominal value; actual value determined during calibration.

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
CAPACITORS (continued)			
122	C11	Paper, 0.1 $\mu\text{F}$ $\pm$ 25%, 150 V d.c.	90-TM4826
123	C12	Mica, Special Assembly, 100 $\mu\text{F}$ , Nominal.	
124	C13	Mica, 100 $\mu\text{F}$ $\pm$ 10%, 350 V d.c.	117-TM4826
125	C14	Paper, 2 $\mu\text{F}$ $\pm$ 25%, 250 V d.c.	87-TF995A/1
126	C15	Paper, 0.01 $\mu\text{F}$ $\pm$ 20%, 350 V d.c.	13-TM4800
127	C16	Paper, 0.01 $\mu\text{F}$ $\pm$ 25%, 350 V d.c.	15-TM4800
128	C17	Paper, 0.1 $\mu\text{F}$ $\pm$ 20%, 350 V d.c.	14-TM4800
129	C18	Paper, 0.1 $\mu\text{F}$ $\pm$ 20%, 350 V d.c.	16-TM4800
130	C19	Mica, Special Assembly, 100 $\mu\text{F}$ , Nominal.	
131	C20	Ceramic, 0.01 $\mu\text{F}$ - 20% + 100%.	135-TM4826
132	C21	Ceramic, 0.001 $\mu\text{F}$ $\pm$ 20%, 400 V d.c. Included in Item 195.	12-TM3900/75
133	C22	Mica, Special Assembly, 100 $\mu\text{F}$ , Nominal. Included in Item 195.	
134	C23	Mica, 100 $\mu\text{F}$ $\pm$ 20%, 350 V d.c.	86-TM4826
135	C24	Paper, 0.001 $\mu\text{F}$ + 20%, 350 V d.c.	91-TM4826
136	C25	Mica, 39 $\mu\text{F}$ $\pm$ 5%, 350 V d.c.	85-TM4826
137	C26	Paper, 0.1 $\mu\text{F}$ $\pm$ 20%, 350 V d.c.	78-TM4826
138	C27	Paper, 0.001 $\mu\text{F}$ $\pm$ 20%, 350 V d.c.	91-TM4826
139	C28	Paper, 0.01 $\mu\text{F}$ $\pm$ 20%, 350 V d.c.	83-TM4826
140	C29	Mica, 47 $\mu\text{F}$ $\pm$ 20%, 350 V d.c. Included in Item 196.	9-TM3900/74



SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
CAPACITORS (continued)			
141	C30	Ceramic, 4.7 $\mu\text{F} \pm 20\%$ , 500 V d.c. Temperature Compensation, ( $-3000 \pm 10\%$ ) $\times 10^{-6}$ $\mu\text{F}/\mu\text{F}/^{\circ}\text{C}$	89-TM4826
142	C31	Ceramic, 100 $\mu\text{F} \pm 5\%$ , 500 V d.c.	88-TM4826
143	C33	Ceramic, 1 $\mu\text{F} \pm 20\%$ , 500 V d.c.	82-TM 4826
144	C34	Air, Variable, 14 - 200 $\mu\text{F}$ , forming part of two section ganged capacitor with trimmers.	TCL478/1
145	C35	Air, Trimmer, 3 - 30 $\mu\text{F}$ , part of Item 144.	
146	C36	Ceramic, 47 $\mu\text{F} \pm 20\%$ , 500 V d.c.	76-TM4826
147	C37	Paper, 0.1 $\mu\text{F} \pm 20\%$ , 350 V d.c.	9-TM4800
148	C38	Ceramic, 100 $\mu\text{F} \pm 20\%$ , 500 V d.c.	84-TM4826
149	C39	Paper, 0.01 $\mu\text{F} \pm 20\%$ , 350 V d.c.	83-TM4826
150	C40	Air, Trimmer, 1.25 - 10 $\mu\text{F}$ .	116-TM4826
151	C41	Ceramic, 5.6 $\mu\text{F} \pm 10\%$ , 750 V d.c.	75-TM4826
152	C43	Ceramic, 5 $\mu\text{F} \pm 20\%$ , 750 V d.c.	134-TM4826
153	C44	Ceramic, 10 $\mu\text{F} \pm 20\%$ , 750 V d.c.	77-TM4826
	C46	Air, Variable, 7 - 100 $\mu\text{F}$ , part of Item 144.	
	C47	Air, Trimmer, 2 - 8 $\mu\text{F}$ , part of Item 144.	
154	C48	Ceramic, 100 $\mu\text{F} \pm 20\%$ , 500 V d.c.	84-TM4826
155	C49	Ceramic, 22 $\mu\text{F} \pm 20\%$ , 500 V d.c.	87-TM4826

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
CAPACITORS (continued)			
156	C50	Ceramic, 47 $\mu\text{F} \pm 20\%$ , 500 V d.c.	73-TM4826
157	C51	Mica, 100 $\mu\text{F} \pm 10\%$ , 350 V d.c.	117-TM4826
158	C52	Mica, Special Assembly, 100 $\mu\text{F}$ , Nominal.	
159	C53	Electrolytic, 2 $\mu\text{F} - 20\% + 50\%$ , 150 V d.c.	103-TF995A/1
160	C54	Paper, 0.1 $\mu\text{F} \pm 25\%$ , 250 V d.c.	93-TF995A/1
161	C55	Ceramic, 100 $\mu\text{F} \pm 20\%$ , 500 V d.c.	72-TM4826
162	C56	Mica, 100 $\mu\text{F} \pm 10\%$ , 350 V d.c.	117-TM4826
163	C57	Mica, Special Assembly, 100 $\mu\text{F}$ , Nominal.	
164	C59	Air, Trimmer, 1.25 - 10 $\mu\text{F}$ .	116-TM4826
165	C60	Ceramic, Stand-Off, 0.001 $\mu\text{F} \pm 20\%$ , 350 V d.c.	79-TM4826
166	C61	Ceramic, 5 $\mu\text{F} \pm 20\%$ , 500 V d.c.	118-TM4826
167	C62	Electrolytic, 30 $\mu\text{F} - 20\% \pm 50\%$ , 350 V d.c.	13-TM4299
168	C63	Paper, 0.01 $\mu\text{F} \pm 20\%$ , 350 V d.c.	83-TM4826
169	C64	Ceramic, 100 $\mu\text{F} \pm 20\%$ , 750 V d.c.	81-TM4826
170		Three-section ganged capacitor complete with trimmers; includes C65, C66, C75, C76, C81 and C83.	TC21478/2
	C65	Air, Variable, 7 - 100 $\mu\text{F}$ ; part of Item 170.	
	C66	Air, Trimmer, 2 - 8 $\mu\text{F}$ ; part of Item 170.	
171	C67	Ceramic, 22 $\mu\text{F} \pm 20\%$ , 500 V d.c.	87-TM4826
172	C68	Paper, 0.01 $\mu\text{F} \pm 20\%$ , 350 V d.c.	83-TM4826

SOS Item No.	Circuit Ref.	Description	Works Ref.
CAPACITORS (continued)			
173	(C69 (and C71	Electrolytic, Dual Section, 16 $\mu\text{F}$ - 20%, + 50%, 8 $\mu\text{F}$ - 20% + 50%, 350 V d.c.	12-TM4299
174	C70	Ceramic, 100 $\mu\text{F}$ $\pm$ 20%, 500 V d.c.	84-TM4826
	C71	See Item 173.	
175	C72	Ceramic, Stand-Off, 0.001 $\mu\text{F}$ $\pm$ 20%, 350 V d.c.	79-TM4826
176	C73	Ceramic, 5 $\mu\text{F}$ $\pm$ 20%, 500 V d.c.	118-TM4826
177	C74	Ceramic, 100 $\mu\text{F}$ $\pm$ 20%, 750 V d.c.	81-TM4826
	C75	Air, Variable, 7 - 100 $\mu\text{F}$ , part of Item 170.	
	C76	Air, Trimmer, 2 - 8 $\mu\text{F}$ , part of Item 170.	
178	C77	Ceramic, 10 $\mu\text{F}$ $\pm$ 20%, 500 V d.c.	80-TM4826
179	C78	Ceramic, 100 $\mu\text{F}$ $\pm$ 20%, 500 V d.c.	84-TM4826
180	C79	Paper, 6 $\mu\text{F}$ $\pm$ 20%, 150 V d.c.	79-TF995A/1
181	C80	Ceramic, 100 $\mu\text{F}$ $\pm$ 20%, 750 V d.c.	81-TM4826
	C81	Air, Variable, 7 - 75 $\mu\text{F}$ , part of Item 170.	
182	C82	Ceramic, Stand-Off, 0.001 $\mu\text{F}$ $\pm$ 20%, 350 V d.c.	79-TM4826
	C83	Air, Trimmer, 2 - 8 $\mu\text{F}$ , part of Item 170.	
183	C84	Paper, 100 $\mu\text{F}$ $\pm$ 20%, 300 V a.c.	80-TF995A/1
184	C85	Paper, 100 $\mu\text{F}$ $\pm$ 20%, 300 V a.c.	80-TF995A/1
185	C86	Paper, 100 $\mu\text{F}$ $\pm$ 20%, 300 V a.c.	80-TF995A/1
186	C87	Paper, 100 $\mu\text{F}$ $\pm$ 20%, 300 V a.c.	80-TF995A/1

SOS Item No.	Circuit Ref.	Description	Works Ref.
CAPACITORS (continued)			
187	C88	Ceramic, 0.001 $\mu$ F $\pm$ 20%, 400 V d.c.	39-TB4297
188	C89	Paper, 0.001 $\mu$ F $\pm$ 20%, 350 V d.c.	46-TB4297
189	C90	Paper, 0.001 $\mu$ F $\pm$ 20%, 350 V d.c.	92-TF995A/1

## INDUCTORS

190	L1	Screened R.F. Inductor Assembly.	TM4087/14
191	L2	Screened R.F. Inductor Assembly.	TM4087/14
192	L3	R.F. Inductor.	TB16363/27
193	L4	Screened R.F. Inductor Assembly.	TM4087/14
194		Main portion of three-section filter assembly; includes L6 and L7, and Items 131 and 132.	TM3900/75
	L6	Unscreened R.F. Inductor; part of Item 194.	
	L7	Screened R.F. Inductor Assembly; part of Item 194.	
196	L8	Screened R.F. Inductor Assembly; includes Item 139.	TM3900/74
199	L9	Modulation Choke.	TM4159/1
200	L10	30-Mc/s Oscillator Inductor.	TB23173/1

M.I.Ltd.

Sheet 12 of 21 sheets

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
INDUCTORS (continued)			
201	L11	Screened R.F. Inductor Assembly.	TF4087/14
202	L14	R.F. Inductor.	TF23173/3
203	L15	R.F. Inductor.	TF23173/4
204	L16	H.T. Smoothing Choke.	TF4140/1A
205	L17	H.T. Smoothing Choke.	TF4140/1A
206	L18	Multiplier Tuning Inductor, 27 to 54 Mc/s.	TA22011
	L19	R.F. Inductor; part of Item 61.	TF23173/10
207	L21	R.F. Inductor; part of Item 55.	TF23173/9
208	L22	Multiplier Tuning Inductor, 54 to 108 Mc/s.	TF20309/1
209	L23	Multiplier Tuning Inductor, 108 to 216 Mc/s.	TF23048/11
210	L24	R.F. Inductor.	TA14323/18
211	L25	R.F. Inductor.	TA14323/18
212	L26	R.F. Inductor.	TA22069
213	L27	R.F. Inductor.	TA22069
214	L28	R.F. Inductor.	TA22069
215	L29	R.F. Inductor	TA22069

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
TRANSFORMERS			
216	T1	A.F. Oscillator Transformer.	TM4085/2
217	T2	Master Oscillator Transformer, 4.5 to 9 Mc/s.	TM3900/87
218	T3	Multiplier Transformer, 13.5 to 27 Mc/s.	TM3900/52
219	T4	Mains Transformer.	TM4501
220	T5	Output Transformer, 2 to 13.5 Mc/s.	TM23173/5

SWITCHES

221	S1	Rotary, 8 pole, 5 position, 4 wafer.	TC4428/373
222	S2	Rotary, 10 pole, 5 position, 4 wafer.	TC4428/366
223	S3	Lever-actuated Rotary, 2 pole, 3 position, 2 wafer, biased to mid-position; includes bakelite handle.	TC4428/342
224	S4	Toggle, 2 pole, 2 position.	TM20831
225	S5	Rotary, 2 pole, 2 position, single wafer.	96-TM4826
226	S6	Rotary, 4 pole, 2 position, single active wafer, with extra dummy wafer.	TC4428/344

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
VALVES, VALVE HOLDERS, and RETAINERS			
227	V1	6AK6, Pentode.	47-TF995A/1
228		Holder, for V1.	44-TF995A/1
229		Retainer, for V1.	45-TF995A/1
230	V2	6AK6, Pentode.	100-TM4826
231		Holder, for V2.	98-TM4826
232		Retainer, for V2.	99-TM4826
233	V3	EF95, Pentode.	101-TM4826
234		Holder, for V3.	98-TM4826
235		Retainer, for V3.	97-TM4826
236	V4	EF95, Pentode.	101-TM4826
237		Holder, for V4.	98-TM4826
238		Retainer, for V4.	97-TM4826
239	V5	6AU6, Pentode.	49-TF995A/1
240		Holder, for V5.	44-TF995A/1
241		Retainer, for V5.	45-TF995A/1
242	V6	EF95, Pentode.	101-TM4826
243		Holder, for V6.	98-TM4826
244		Retainer, for V6.	97-TM4826
245	V7	12AT7, Double Triode.	103-TM4826
246		Holder, for V7.	105-TM4826
247		Retainer, for V7.	94-TM4826

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
VALVES, VALVE HOLDERS, and RETAINERS (continued)			
248	V8	6P95, Pentode.	101-TM4826
249		Holder, for V8.	98-TM4826
250		Retainer, for V8.	97-TM4826
251	V9	6S150/15, Voltage Stabilizer.	48-TF995A/1
252		Holder, for V9.	44-TF995A/1
253		Retainer, for V9.	45-TF995A/1
254	V10	6P95, Pentode.	101-TM4826
255		Holder, for V10.	98-TM4826
256		Retainer, for V10.	97-TM4826
257	V11	5Z4G, P.W. Rectifier.	16-TM4299
258		Holder, for V11.	15-TM4299
259		Retainer, for V11.	17-TM4299
260	V12	6P95, Pentode.	101-TM4826
261		Holder, for V12.	98-TM4826
262		Retainer, for V12.	97-TM4826
263	V13	D77, Double Diode.	46-TF995A/1
264		Holder, for V13.	44-TF995A/1
265		Retainer, for V13.	45-TF995A/1



SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
CRYSTALS			
266	X1	Quartz Oscillator Crystal, 333.33 kc/s	102-TM4826
267		Holder, for X1.	98-TM4826
268		Retainer, for X1.	99-TM4826
269	X2	CS2A, Silicon Rectifier.	40-TM4297
270		Retaining Contact, for X2.	TD20400/7
LAMP			
271	PL1	Pilot Lamp, 6.5 V, 0.3 A, M.E.S.	43-TF995A/1
		Pilot Lamp Holder, with Red Lens.	42-TF995A/1
METER			
272	M1	0-100 $\mu$ A, 500 $\Omega$ Nominal, Moving Coil, including clamping brackets.	TM3970/30

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
PLUGS, SOCKETS, and CONNECTING LEADS			
273	P1	Plug, 6-way.	18-TM4299
274	SK1	Socket, 6-way.	55-TF995A/1
275		Main Lead comprising 6-ft, 3-core Flexible Cable and 3-pin plug complete with Plastic Entry Sleeve.	TS25601A
276		R.F. Output Plug, coaxial, free.	30-TM4298
277		R.F. Output Cable, coaxial, 4 ft 6 in.	38-TM4298
278	J1	CRYSTAL CHECK Jack Socket, including Jack Plug.	54-TF995A/1
279		Bush, for Item 278.	TA19742
280		R.F. Socket, coaxial, fixed.	7-TM4736 7-TM4308

KNOBS, DRIVES, and DIALS

281		Knob, for TUNE control.	TB3901/A1
282		Incremental Dial. Calibrated.	TC20320/4
283		Set of three Special Screws for fixing Item 281 to Item 282.	TM4014
284		Cursor, for Incremental Dial.	TA20308
285		FREQUENCY DIAL. Uncalibrated.	TC20310/1

SOS Item No.	Cir- cuit Ref.	Description	Works Ref.
KNOBS, DRIVES, and DIALS (continued)			
286		Dial Escutcheon Mounting Ring.	TD20670/2
287		Dial Escutcheon (Chromium Plated), with Rubber Tubing Gasket, to fit over Item 286.	TD20670/1 8-TA4357
288		Window, including Movable Cursor Assembly, to fit in Item 287.	TC20735/2 TD20670/3 TA20726 TB6775/300 6-TA4357
289		Nylon Drive Cord.	12-TA4826
290		Knob, for MOD SELECTOR switch, S1.	39-TF995A/1
291		Knob, for RANGE MC/S switch, S2.	39-TF995A/1
292		Knob, for DEVIATION-NORMAL/HIGH switch, S5.	39-TF995A/1
293		Knob, for DEVIATION RANGE switch, S6.	39-TF995A/1
294		Knob, for OUTPUT VOLTAGE attenuator.	37-TF995A/1
295		Knob, for MULTIPLY BY attenuator.	37-TF995A/1
296		Knob, for SET CARRIER control, R44.	38-TF995A/1
297		Knob, for SET MOD control, R25.	38-TF995A/1

S08 Item No.	Cir- cuit Ref.	Description	Works Ref.
MISCELLANEOUS			
298		Cover Plate, for R.F. Output Cable exit, in Right-Hand Handle Recess.	TA19721
299		Grommet, to fit in Item 298.	TA6515/1
300		Cable Saddle, to secure Item 277 to Item 298.	29-TF995A/1
301		Front Panel.	TD22009
302		Set of Eight Screws, complete with Black Fibre Washers for fixing Front Panel to Case.	30-TF995A/1 TB6775/183
303		Terminal, EXT MOD.	41-TF995A/1
304		Terminal, SYNC.	41-TF995A/1
305		Terminal, EARTH.	41-TF995A/1
306		Case Assembly complete with Handles, Feet, and Mains-Lead Grommet.	TA4510 TB18258 TA11420 98-TF995A/1
306a		Handle Escutcheon. Two included in Item 306.	TB18258
306b		Case Foot. Four included in Item 306.	TA11420
306c		Grommet, to fit Mains Lead hole in Case. Included in Item 306.	98-TF995A/1
307		20-dB Step Attenuator Assembly; includes Items 70 to 81 inclusive, 187, 188, 212 to 215 inclusive, 269 and 270.	TA4297
308		2-dB Step Attenuator Assembly; includes Items 82 to 98 inclusive.	TA4298

508 Item No.	Cir- cuit Ref.	Description	Works Ref.
MISCELLANEOUS (continued)			
309		20-dB ATTENUATOR PAD; includes Items 99 to 101 inclusive, and Item 280.	TA736
310		52- and 75-ohm TERMINATING UNIT; includes Items 102 to 104 inclusive, and Item 280.	TA308
311		R.F. Unit Screening Cover.	TD20318 26A-TM826
312		Contact Spring for earthing R.F. Unit Screening Cover.	TC-20321/3E
313		Set of three Hexagonal Wrenches for Socket Set Screws, sizes 2, 4, and 6mm; complete in linen bag.	104-TF995A/1
314		Operating and Maintenance Handbook.	EB995A/1