Reprinted from THE WIRELESS & ELECTRICAL TRADER, *February 24, 1940.*

"TRADER" SERVICE SHEET

453

IF VALUES (A-F)

FOR SUPERHET ALIGNMENT

ACE

	KC/S
RG3	470
RG5	427
RG6	427
S6	125
SH6	125
RG7	427
RG8	470
RG9	427
AW35	470
AW53	427
AW53B	427
AW73	427
AC85	470
AW94	427
AW115	470
AW563	427
AC939	450

AERODYNE

Aerogram	125
Aeromagic	125
Cardinal	125
Falcon	125
Silver Wing	125
Swallow	125
42	125
47	125
50	125
53	125
54	465
56	125
58	125
63	125
73	125
100	117.5
105	465
110	117.5
115	465
135	465
290	465
291	465
295	465
300	117.5
305	117.5

ALBA

AC Superhet	473
5V Bat. SH, 1934	473
Clipper	470
5V Mains SH, 1934	473
5V Superhet	473
Superhet 6	473
35	470
56	473
57	117.5
67	473
68	117.5
78	473
79	117.5
90	465
98	365
210	128.5
230	117.5
315	117.5
320	460
330	117.5
335	460

ALBA *(Contd.)*

	KC/S
340	470
450	117.5
455	460
510	470
540	117.5
550	117.5
605	465
610	470
615	117.5
620	117.5
625	117.5
635	460
640	117.5
650	117.5
670	117.5
698	365
710	470
725	117.5
730	470
740	117.5
745	470
755	470
770	117.5
790	465
798	365
805	465
810	470
815	117.5
818	470
820	117.5
825	117.5
830	470
835	460
845	470
850	117.5
855	470
870	117.5
880	*117.5
890	*117.5
905	465
910	117.5
920	117.5
930	460
970	117.5
990	*117.5

ALLWAVE

Standard S/Het 1935	465
Standard S/HRG 1935	465
Tallboy RG 1935	465

AMPLION

Radiolux S/H	110
Radiolux S/H RG	110

ARMSTRONG

5V 7 stage	110
5V 8 stage	110
RF/PP	465
RF/PR	465
2B/PR	118
2B/T	118
3NBP/8	427
Do. (late models)	470
3NBP/10	427
3WT/PB	427
AW3/PB	427

ARMSTG. *(Contd.)*

	KC/S
AW/38	465
4B/PR	118
4B/T	118
AW36	465
AW59	470
AW93PP	427
RF94PP	427
AW125PP	470
SS10	465
3NWT	450
3NBP/T	427
U3NBP/T	427

ATLAS

7-5-8	117.5
A13	117.5
A17	117.5
A24	117.5

BEETHOVEN

Baby Grand	450.5
Little Prodigy (AC)	450.5
Little Prodigy (Batt.)	450.5
Twin Spkr. All Elec. S/H	118
AC40	450.5
AC42	450.5
B43	450.5
P46	450.5
PAC47	450.5
P48	450.5
AC77	118
B88	118
PBA201	450.5
AD303	450.5
AD404	450.5
RG717	118
AC720	450.5
B730	450.5
AC740	450.5
PBB750	450.5
AD770	450.5
PBA780	450.5
PBA820	450.5
RG827	118
B848	450.5
AC852	450.5
909	450.5
999 AC	450.5
RG938	450.5

BELMONT

520	465
525	465
544	465
545	465
550	465
555	465
566	465
570P	465
600	465
625	465
650	465
700	465
720	465
721	465

BELMT. *(Contd.)*

	KC/S
746	465
755	465
760P	465
770	465
780	465
781	465
800	465
820	465
821	465
845	465
856	465
860P	465
900	465
1100	465
1150	465

BLUE SPOT

Aristocrat	465
A67	465
A68	465
A69	465
AC5	110

BRUNSWICK

BCA/01	400
BCA/1	400
BCU/01	400
BGA/01	400
BGA/1	400
BGA/1E	465
BGA/2	456
BGA/3	465
BGCA/01	400
BGCA/1	400
BGCA/3	465
BGU/01	400
BPU/1	†465, 473
BTA/01	400
BTA/1	400
BTA/1E	465
BTA/2	465
BTA/3	465
BTB/1	400
BTU/01	400
39CGM	465
39EH (few early models)	125
39EH	465
39TGM	465
40	465
40U	465
42	470
42D	370
43D	370
45	470
47	470
47U	470
50	465
51	465
54	465
56	465

BURGOYNE

AWS	473
AWS/G	473
BSH	117.5
DTG	473

BURGNE. *(Contd.)*

	KC/S
Dragon	473
Dragonette	473
Superhet 5	117.5

BURNDEPT

Ethodyne 5V S/H	130
Universal trans.	130
Universal S/H	473
201	130
203	473
209	130
210	473
211	473
218	130
225	130
226	†117.5, 130
229	130
231	130
233	450
257	130
259	473
266	473
267	473
276	473
281	473
285	473
290	473
292	450
298	473
299	473
303	473
309	450
312	473
313	473
314	473
315	473
316	473
317	473
318	473

BURRELL

4V S/H	110

BUSH

AVC S/H (2 band)	123
AVC S/H (3 band)	465
Battery S/H (2 band)	123
Bushranger S/H	123
Triode Grand	123
DAC1	123
SAC1	123
SB1	123
TG1	123
SB3	123
SAC4	123
SB4	123
BP5	123
SAC5	123
SAC7	123
DAC21	123
DUG21	123
SAC21	123
SB21	123
SAC25	123
SAC31	123
SUG31	123

(Contd. overleaf.)

*Staggered. †Alternative Values.

WITH this Service Sheet, "The Trader" commences a feature which has up to the present never been attempted in any British publication. A large proportion of our service queries are requests for the value of the intermediate frequency of certain receivers, since, given this frequency, alignment can usually be completed without further information.

The list, of which this sheet forms the first instalment, has been compiled in "The Trader" laboratory, from various sources. The alphabetical list is completed in Service Sheets 467 and 469.

The list is not claimed to be absolutely comprehensive, but it includes the bulk of superhet receivers issued during the past fifteen years.

From time to time we shall publish additions, and to this end it would be greatly appreciated if manufacturers and service engineers would send us information on receivers which may have been omitted from our initial list. This applies particularly to early sets by some of the smaller manufacturers, of which we have no details.

BUSH *(Contd.)*

	KC/S
RG33	465
SSW33	465
SUG33	465
SAC35	123
RG37	465
SSW37	465
SUG37	465
RG41	465
SW41	465
BA43	465
DAC43	465
DUG43	465
RG43	465
SUG43	465
SW43	465
SB44	123
SW45	465
PB50	465
BA51	465
DAC51	465
DUG51	465
PB51	465
RG52	465
RG52G	465
SUG52	465
BA53	465
DAC53	465
PB53	465
RG53	465
PB55	465
SUG55	465
PB60	465
BA61	465
PB61	465
SUG61	465
DUG62	465
BA63	465
DAC63	465
PB63	465
RG63	465
RG64	465
RG64G	465
SUG64	465
PB65	465
SUG65	465
BP70	465
BA71	465
DAC71	465

CAMEO

AC Cameo	430
All Wave	430
Atom	430
Bookcase RG	430
Cameo	430
Cameogram	430
Emergency	430
Super Midget 4	430
ABX	430
ARP	430
AWB	430
P	430
RP	430
RP9	430
TW	430

CLIMAX

AC5	115
AC/DC5	115
S4AC	121
S5	115

COLUMBIA

258	125
356	*125
357	125
358	125
380	125
621	125
631	125
640	125
1006	125

COSSOR

31	465
32	465
33	465
46	465
53	465
61	‡465
62	465
64	465
70	465
71	465

COSSOR *(Contd.)*

	KC/S
72	465
73	465
74	465
81	465
85	465
364	128
365	128
366	128
366A	128
374	128
375	465
375U	465
376B	128
385	465
394	465
395	465
396	465
397	465
398	465
438	‡465
438U	‡465
439	465
483	‡465
483U	‡465
484	‡465
484U	‡465
485	465
498	465
535	128
538	465
583	465
584	465
584U	465
598	465
635	134
736	128
737	128
836	128
837	465
3764	465
3774	465
3864	465
3884	465
3952	465
3974	465
3974A	465
6864	465
6874	465

CROSLEY

Roamio	455
A358	455
538BT	450
638T	450
848C	450
848CU	450
848R	450
848RU	450
848T	450
848TU	450
1058AR	450
1058T	450

DECCA

AW3	380
AW3P	380
AW4	†341, 465
AW6	465
AW6U	365
AW7	465
AW8	465
AW9	465
AW10	465
AWD47	380
AWG16	465
ML	465
MLB	470
ML4	470
ML4P	380
ML5	470
ML6	465
ML6U	465
MLD/3	370
MLD/5	370
PC/AW	465
PC/ML	465
PG/AC	465
PG/AW	465
PG/ML	465
PG/U	†450, 465
PT/AC	465
PT/AW	465
PT/B	465
PT/M	†125, 465
PT/ML	465
PT/ML/B	465
PT/ML/U	†450, 465
PT/U	465

DECCA *(Contd.)*

	KC/S
RAW5	465
UAW78	460
Double Decca	380
Portrola	465
Portrola AC, 1939	370
Portrola AC/DC, 1939	470
44	465
55	465
56	465
66	465
77	465
88	465
88U	465
99	456
110	456
120	456
180	130
190	130
350	465
400	130
405	130
500	130
510	130
520	456
530	456
540	456
550	130
919	130
1010	130
1616	130
4040	130
4141	130
4242	130
4343	130

DRUMMER

M45	117.5

EKCO

C25	110
RG25	110
SH25	110
AC64	110
DC64	110
AD65	110
B67	126.5
BV67	126.5
AW69	126.5
BAW69	126.5
C69	126.5
CU69	126.5
UAW69	126.5
AW70	126.5
UAW70	126.5
BAW71	126.5
AC74	110
B74	110
DC74	110
AC76	130
AD76	130
AC77	126.5
AD77	126.5
CT77	126.5
CTU77	126.5
BAW78	460
BV78	460
C78	460
UAW78	460
RG84	110
AC85	110
B85	110
AC86	130
AD86	130
B86	130
RG86	130
AW87	460
CTA87	460
AW88	126.5
C88	126.5
UAW88	126.5
ADT95	110
BT95	110
ACT96	130
AC97	126.5
RG97	126.5
AW98	126.5
BAW98	126.5
ARG107	126.5
AW108	460
RG109	126.5
AW119	126.5
UAW119	126.5
P150	465
PB179	†465, 480
PBU179	†465, 480
PB189	126.5

EKCO *(Contd.)*

	KC/S
PBU189	126.5
PB199	†465, 480
PB279	†465, 480
PB289	126.5
C389	126.5
ARG399	†465, 480
RG489	126.5
C501	126.5
TRG502	126.5
PB505	477
PBU505	477
PB506	477
PBU506	477
PB507	477
PB508	477
C509	477
CU509	477
PB510	126.5
C511	126.5
PB515	126.5
RG516	126.5

EVER READY

5001	127
5002	127
5003	127
5004	127
5005	127
5006	127
5007	127
5008	127
5011	465
5014	465
5019	127
5025	465
5029	455
5030	455
5031	455
5032	455
5033	455
5034	455
5036	455
5038	455
5040	455
5101	452
5103	452
5104	452
5105	473
5117	452
5118	452
5122	473
5203	473
5214	452
5215	452
5216	452
5218	452
5221	473
5247	473
5263	473
5347	452

FERGUSON

Fergusonic	470
Fergusonic AC/DC Batt.	470
Fergusonic Mains Minor	470
350	456
365	465
366	456
378	456
501	465
502	465
502C	465
502RG	465
503	465
503C	465
503CT	465
503RG	465
503RGT	465
503T	465
601	465
602	465
602C	465
602RG	465
603	465
603C	465
603CT	465
603RG	465
603RGT	465
603T	465
701	465
702	465
704	465
705	465
715	465
771	465
772	465

FERGN. *(Contd.)*

	KC/S
773	465
774	465
775	465
777	465
801	465
802	465
804	465
805	465
815	465
881	465
882	465
884	465
885	465
901	470
901U	470
902	470
902U	470
903B	470
904	470
904U	470
905	470
906	470
907	470
908	470

FERRANTI

1933/4 Gloria	135
1933/4 Lancastria	125
1933/4 Arcadia	125
1933/4 Battery S/H	125
1934/5 Arcadia	125
1934/5 Lancastria	125
1934/5 Do. Reflex	125
1934/5 Do. Portable	125
1934/5 Universal	125
1934/5 Gloria	125
1934/5 Gloria Arcadia	125
1935/6 Gloria Autogram	125
1935/6 Nova AC	125
1935/6 Nova AC/DC	125
1935/6 Lancastria AC	125
1935/6 Lancastria AC/DC	125
1935/6 Arcadia Cons and R/G	125
1935/6 Arcadia AC	125
1935/6 Nova Battery	125
1936 All Wave S/H	125
1936/7 Nova 2 Wave AC	125
1936/7 Nova All Wave	125
1936/7 Do. Battery	125
1936/7 Do. AC/DC	125
1936/7 Magna All Wave AC	125
1936/7 Do. AC/DC	125
1936/7 Arcadia All Wave AC	125
1936/7 Do. Console	125
1936/7 Do. R/G	125
1936/7 Gloria All Wave Autogram	125
A1	*130-140
P38B	125
48B	125
P48B	125
49B	125
P49B	125
139	450
239	450
512AM	450
513	450
513AM	450
514	450
514PB	450
515PB	450
539	450
617PB	450
837	450
1037	450
1037U	125
1137	450
1137B	125
1137U	125
1237B	125
1537	125
1737	125
1737 Gram	125
2037	425
2337	450

NOTE.
All IF values in the foregoing tables are given in KC/S.

*Staggered. †Alternative Values. ‡And 1,363 KC/S on SW band.

Printed by The Cornwall Press Ltd., Paris Garden, London, S.E.1.

Reprinted from THE WIRELESS & ELECTRICAL TRADER, *June* 1, 1940.

For IF values A-F see Service Sheet 453
For IF values P-Z see Service Sheet 469

"TRADER" SERVICE SHEET

467

IF VALUES (G-O)

FOR SUPERHET ALIGNMENT

GEC

	KC/S
3358	110
3440	107
3441	107
3442	107
3443	107
3444	107
3445	107
3446	125
3449	107
3460	125
3466	125
3480	125
3484	125
3488	125
3540	125
3541	125
3542	125
3544	125
3545	107
3548	125
3550	125
3551	125
3558	125
3566	125
3640	125
3645	125
3646	125
3650	125
3651	125
3658	125
3659	125
3740	125
3745	125
3746	125
3748	125
3750	445
3754	125
3758	445
3760	445
3762	445
3766	445
3780	445
3781	445
3782	445
3788	445
3789	445
3846	456
3850	456
3855	456
3856	456
3857	456
3860	456
3862	456
3865	456
3866	445
3867	456
3868	456
3880	445
3882	445
3888	445
3889	445
3890	456
3892	456
3910	456
3918	456
3940	456
3942	445
3946	456
3950	456
3955	456
3956	456

GEC (*Contd.*)

	KC/S
3957	445
3960	456
3964	456
3965	456
3966	445
3967	456
3968	456
3969	456
3970	456
4010	445
4018	445
4040	456
4045	456
4046	456
4050	456
4051	456
4054	456
4055	456
4056	456
4058	456
4059	456
4060	456
4065	456
4066	456
4070	456
4135	456
4141	456
4157	445
4166	445
4172	445
4173	445
4177	445
4177U	445
4178	445
4178R	445
4179R	445

GILBERT

Kumfe 2	122.5
A63	122.5
C64	122.5

HMV

146	456
147	456
166	465
182	125
340	456
341	456
381	125
425	125
438	*123-128
440	125
441	125
442	*123-127
443	*123-127
444	125
445	125
446	125
456	465
457	465
458	465
459	125
462	125
463	*123-127
464	*121.5-126.5
467	*114-120
469	465
470	*125-128

HMV (*Contd.*)

	KC/S
479	465
480	460
481	460
482	465
485	460
485A	460
486	465
487	465
488	460
489	465
490	465
491	465
492	465
493	465
494	465
495	465
496	460
497	460
498	460
499	465
512	*123-128
523	*125-128
524	*114-120
531	*125.2
532	*125.2
532C	*125.2
540	125
541	125
542	125
545	125
546	125
553	*125.2
570	*123-127
580	*112-122
581	460
582	460
622	125
632	125
642	465
645	125
650	465
651	465
653	465
653C	465
654	465
655	465
656	465
657	465
658	465
659	465
660	465
661	465
663	465
664	465
665	465
666	465
668	465
670	465
671	465
682	465
800	125
801	460
1100	465
1101	465
1102	465
1103	465
1104	465
1105	465
1200	465
1300	465
1301	465

* Staggered.

HMV (*Contd.*)

	KC/S
1350	465
1351	465
1400	465
1403	465
1404	465
1500	465
1501	465
1600	465
1601	465

HALCYON

Briton	130.5
Briton Radiogram	130.5
Nine-Stage AC	110
Royal County	130.5
Seven-Stage Universal	110
A57	130.5
A581	130.5
A5820	130.5
AC6	110
AC7	110
AC7G	110
B691	130.5
GA33	130.5
GR37	130.5
MS6	465
RGA581	130.5
RGCA581	130.5
RGCU6801	130.5
RGU6801	130.5
U57	130.5
U537	130.5
U571	130.5
U573	130.5
U5820	130.5
U6801	130.5
701	110
4501	110
4501G	110
4501GA	110
4701	110
4701G	110
4701GA	110
6701	110

HARTLEY-TURNER

MA	130
MA7	130
MA12	130
MA25	130
RF41	465
RGMA12	130
RGMA25	130

HAYNES

All Superhet Models..110

HIGGS

A48R (& G)	465
A49R	450
AW49C	450
AW49R	450
AW57R (& G)	465
AW58R (& G)	465
AW59C	450

HIGGS (*Contd.*)

	KC/S
AW59R	450
AW69B	450
AW69G	450
AW69PB	450
AW69PG	450
AW99C	450
AW99G	450
BW49PR	450
BW49R	450
UW57R (and G)	465
UW58R (and G)	465
UW59C	450
UW59R	450
UW69B	450
UW69G	450
UW69PB	450
UW69PG	450

INVICTA

All-dry Portable	469
MM	110
Piccaninny	465
SF	119
SHB	127
UP2	469
A29	465
B29P	465
B39	465
AC/45	127
AC/45D	127
AC/45RG	127
45U	127
45U/RG	127
A46PB	465
AC47	127
47B	127
47U	127
47U/RG	127
AC48/RG	127
A49	465
A49C	465
A49PB	465
A49RG	465
AR49	465
B49	465
U49	465
AW56	465
AW57	465
AW57/RG	465
300	465
310	465
310/RG	465
330	465
360	465
390	465
400	465
430	465
431	465
440	465
450	465
460	465
461	465
500	465
502	465
503	465
510	465
520	465
570	465
580	465
635	110

Continued overleaf

WITH this Service Sheet, "The Trader" continues the publication of IF values, the first instalment being in Service Sheet 453. A large proportion of our service queries are requests for the value of the intermediate frequency of certain receivers, since, given this frequency, alignment can usually be completed without further information.

The list has been compiled in "The Trader" laboratory, from various sources of information.

It is not claimed to be absolutely comprehensive, but it includes the bulk of superhet receivers issued during the past fifteen years.

From time to time we shall publish additions, and to this end it would be greatly appreciated if manufacturers and service engineers would send us information on receivers which may have been omitted from our initial list.

INVICTA (*Contd.*)

	KC/S
635D	110
635/RG	110
650NJ	465
800	469
820	465

KOLSTER-BRANDES

CAVALCADE	130
4V AC SH	130
6V AC SH	130
8V AC SH	130
4V SH Class B (1935)	130
6V SH Class B (1935)	130
6V SH Trans..	130
285	114
286	114
365	130
365A	130
381	130
383	130
405	130
405A	130
422	130
425	130
426	130
427	130
427A	130
428	130
428A	130
444	130
540	130
550	130
560	464
580	130
590	464
592	464
610	130
630	464
632	464
640	464
642	464
650	464
652	464
660	464
666	130
666A	130
666B	130
666C	130
670	464
720	130
730	464
735	464
740	464
740P	464
750	464
760	464
770	464
800	464
808	464
817	464
820	464
830	464
831	464
835	464
840	464
850	472
860	464
865	464
888	130
935	130

LISSEN

All-Purpose	452
Arundel	452
Balmoral	452
Caernarvon	473
Carisbrooke	452
Conway	452
Dover	473
Edinburgh	473
Glamis	452
Kenilworth	452
Lancaster	452
Marquis	455
Richmond	452
Salisbury	452
Skyscraper 7	126
Winchester	452
York	452
8060	126
8108	127
8109	127
8110	127
8111	127
8114	465
8116	127
8117	127

LISSEN (*Contd.*)

	KC/S
8121	127
8125	127
8128	127
8129	127
8169	127
8214	465
8301	455
8302	455
8304	455
8317	455
8318	455
8319	455
8321	455
8322	455
8329	455
8401	452
8402	473
8417	452
8418	452
8421	473
8422	473
8424	455
8432	473
8453	452
8468	452
8480	452
8481	452
8482	452
8485	452
8503	452
8514	452
8515	452
8518	452
8521	455
8529	452
8533	452
8539	452
8547	452
8563	452
8647	452

McCARTHY

BPS6	127
BS4	127
BS4AW	465
BS6AW	473
PP6AW	125
PP8AW	465
PP9AW	473
RF6AW	465
RF7AW	465
RGS6	465
S5AW	465
S6AW	465
S8AW	465

McMICHAEL

AC S/H	428.5
S/Het Mains Trans.	110
Twin Spkr. S/H	*406-410, 428†
135	128.5
135U	128.5
137	465
138	465
235	128.5
335	128.5
361	128.5
362	465
363	128.5
364	128.5
365	128.5
366	128.5
368	128.5
369	128.5
371	128.5
371U	128.5
372	128.5
373	128.5
374	128.5
375	465
378	128.5
380	460
380U	460
381	465
382	465
385	†460, 465
386	460
386 RC	460
386 RG	460
386U	460
388	465
389	465
390	465
391	465
393	465
394	465
396	465
396 RC	465
396 RG	465
398	465

McMICHAEL (*Contd.*)

	KC/S
399	465
401	128.5
401U	128.5
435	128.5
535	128.5
802	465
803	465
808	465
903	465

McMURDO-SILVER

Masterpiece VI	465
Do.Chippendale	465
Do. Olympic	465
Do. Sheraton..	465
15-17 Chassis	472
15-17 Chippendale	472
15-17 Georgic..	472
15-17 Homeric	472
15-17 Olympic	472
15-17 Sheraton	472

MAJESTIC

4V Midget S/H	465
15	175
20	175
21	175
49	465
60	175
61A	175
150	175
163	175
261A	125
261B	125
264	125
265	125

MARCONIPHONE

209	125
219	125
222	465
223	456
224	456
234	456
236	456
239	125
249	125
255	125
256	*125-128
257	456
258	*125-128
262	125
264	125
269	125
272	*123-128
273	125
274	*123-128
276	*114-120
279	*123-127
286	125
Q286	125
287	125
288	125
289	*123-127
290	*114-120
291	*114-120
292	*112-122
296	*123-127
297	125
298	*125-127
345	460
346	460
347	460
363	460
364	460
365	460
366	460
367	460
382	465
392	465
395	465
534	465
535	*122.5-128.8
536	*122.5-128.8
537	465
538	465
539	465
549	465
556	465
557	465
559	465
561	465
562	*121.5-126.5
563	465
564	465

MARCONIPHONE (*Contd.*)

	KC/S
566	465
567	465
571	465
572	465
573	465
575	465
576	465
816	465
851	465
852	465
853	465
855	465
857	465
857T	465
858	465
859	465
861	465
864	465
865	465
866	465
868	465
869	465
870	465
871	465
872	465
873	465
874	465
878	465
879	465
880	465
881	465
882	465
883	465
884	465
885	465
888	465
890	465
891	465
892	465
893	465

MILNES

Diamond	‡465
Emerald	‡465
Mercury	450
Onyx	450
Pearl	‡465
Ruby	‡465
Saturn	450
Venus	450
466	‡465
466B	‡465
589	‡465

MULLARD

MAS2	128
MAS3	128
MBS3	128
MUS3	128
MAS4	128
MBS4	128
MUS4	128
MAS5	128
MUS5	128
MAS6	128
MBS6	128
MUS6	128
MAS7	128
MBS7	470
MAS8	128
MAS12	128
MUS12	128
MAS15	470
MUS15	470
MAS18	128
MUS18	128
MAS20	128
MUS20	128
MBS23	128
MAS24	470
MUS24	470
MU35	115
MAS90	128
MUS90	128
MAS94	128
MAS97	128
MUS97	128
MAS103	470
MAS104	128
MAS139	470
MXS139	470

MURPHY

A4	†117, 120
D4	†117, 120
B5	117

MURPHY (*Contd.*)

	KC/S
A8	120
A24	117
A24C	117
A24RG	117
B24	117
D24	117
D24C	117
D24RG	117
B25	†117, 119
A26	†117, 119
A26C	†117, 119
A26RG	†117, 119
D26	†117, 119
D26C	†117, 119
D26RG	†117, 119
B27	119
A28	119
A28C	119
A28RG	119
D28	119
D28C	119
D28RG	119
A30	119
A30C	119
A30RG	119
D30	119
D30C	119
D30RG	119
AD32	119
B33	119
A34	119
A34RG	119
D34	119
D34RG	119
A36	119
D36	119
A38C	119
D38C	119
A40	119
A40C	119
A40RG	119
A46	465
A46C	465
A46RG	465
D46	465
D46C	465
D46RG	465
B47	465
B47A	465
B47C	465
A48	465
A48RG	465
D48	465
D48A	465
D48RG	465
A50	465
A50C	465
D50	465
D50C	465
A52	§465
B69	465
A70	465
A70C	465
A70RG	465
D70	465
D70C	465
D70RG	465
B71	465
B71A	465
A72	465
A72RG	465
D72	465
D72A	465
A74	465
A74C	465
A76	465
A78C	465
A78RG	465
B81	465
B89	465
A90	465
A90RG	465
D90	465
D90RG	465
B91	465
A92	465

ORR

Duovox	110
Multimains	110
SF/AC	119
SHB	127
AC/45	127
45/U	127
AC/47	127
47/U	127
AW/56	465
AW/57	465
635	110
635D	110

* Staggered   † Alternative Values.   ‡ Probable frequency; no confirmation.   § And 3·1 MC/S on SW.

Printed by The Cornwall Press Ltd., Paris Garden, London, S.E.1.

Supplement to The Wireless & Electrical Trader, May 25, 1940

For IF values A-F see Service Sheet 453
For IF values G-O see Service Sheet 467

"TRADER" SERVICE SHEET

469

IF VALUES (P-Z)

FOR SUPERHET ALIGNMENT

PETO SCOTT

	KC/S
Trophy 5	465
Trophy 6	465
Trophy 8	465
808, 1938	465
809, 1938	465
902, 1939	465
903, 1939	465
904, 1939	465
905, 1939	465
906, 1939	465
906A, 1939	465
907, 1939	465
908, 1939	465
909, 1939	465
7063A, 1937	465
7064, 1937	465
7065, 1937	465
7068, 1937	465
7073A, 1937	465
7074, 1937	465
7075, 1937	465
7078, 1937	465
7083, 1937	465
7084, 1937	465
7085, 1937	465
7088, 1937	465
7093A, 1937	465
8041, 1938	465
8042, 1938	465
8045, 1938	465
8051, 1938	465
8052, 1938	465
8055, 1938	465
8057, 1938	465
8061, 1938	465
8065, 1938	465
8071, 1938	465
8072, 1938	465
8075, 1938	465
8076, 1938	465
9021, 1939	465
9025, 1939	465
9033, 1939	465
9035, 1939	465
9037, 1939	465
9041, 1939	465
9053, 1939	465
9057, 1939	465
9062, 1939	465
9062A, 1939	465
9066, 1939	465
9068, 1939	465
9074, 1939	465
9084, 1939	465
9087, 1939	465
9094, 1939	465
9097, 1939	465
9099, 1939	465

PHILCO

	KC/S
Empire 5	451
Empire 6	460
Empire 7	451
Empire 20	470
4 Star BG	125
5 Star BG	125
5 Star CG	125
A1	470
A1RG	470
B1	†465, 468
BEF1	465
U1	465
A2	465
B2	451
U2	465
A3	451
A4	451
BP4	465
C4	125
A5	451
C5	470
A7	451
A9	451
A9RG	451
16	460
16B	460

PHILCO (*Contd.*)

	KC/S
34B	460
A52BG	451
A53BG	451
U53BG	451
54	460
56	125
70	260
70A	260
71	125
98/1	460
98/2	451
99	451
116N	460
116Q	460
116RX	470
116S	460
116X	460
200X	175
237	125
238	125
247E	125
248	125
248E	125
255	451
260	125
261	125
263	125
264	125
265	125
269BG	451
269CG	451
269RG	451
271	125
280	†460, 451
281A	125
281F	125
281G	125
282	451
290	451
295	451
A421	451
U427	451
P429	470
U429BG	475
444	451
450	451
471BG	451
471CG	451
471RG	451
D521	475
D521B	475
D521W	475
S521	475
S521B	475
S521W	475
X521	475
X521B	475
X521W	475
A527	451
C527	451
P527	451
U527	451
D531	475
D531B	475
D531RG	475
D531W	475
A537BG	451
A537CG	451
A537RG	451
B537	451
C537BG	451
U537BG	451
V537BG	451
W537	451
P538BG	470
A539BG	475
A539RG	475
580	451
581	451
582BG	451
582CG	451
582RG	451
583BG	451
583CG	451
583RG	451
584BG	451
584CG	451
584RG	451

PHILCO (*Contd.*)

	KC/S
620	125
A637BG	451
A637CG	451
A637RG	451
A638ARG	470
A638BG	451
C638	470
C638BG	470
CA638	470
U638BG	470
U647BG	451
U647CG	451
680	460
D732BG	475
D732CG	475
A847BG	470
A938CG	470
1237	125
1263	125
1280	†460, 451
1230X	†460, 451
1281	125
1281A	125
1281F	125
1281G	125
1281Q	125
1282X	451
1582ARG	451
1583ARG	451
1584ARG	451
U1647	451
U1647RG	451
A1847RG	470
A2258	470
A2258ARG	470
2620	460
2620A	460
2620E	460

PHILIPS

	KC/S
V5A	128
V7A	128
V7U	128
212B	128
218B	128
225B	470
228B	470
241	115
243	115
245	115
246	115
247	128
248	128
249	128
250	128
258	470
259	470
260	470
261	470
262	470
263	470
264	470
265	470
268	470
269	470
361A	475
361U	475
362A	475
362U	475
470A	128
470U	128
480A	128
480L	128
520A	115
522A	115
539A	115
555A	128
555U	128
575A	115
580A	115
584A	115
585HU	115
585U	115
587HU	115
588A	115
588U	115
597A	128

PHILIPS (*Contd.*)

	KC/S
597U	128
599A	128
650A	470
650U	470
660A	470
660U	470
680A	128
691A	128
691U	128
698A	128
698U	128
699A	128
699U	128
701AX	128
702A	128
702U	128
711A	128
714B	128
716B	128
727A	128
727U	128
735A	128
735L	128
745A	128
745U	128
747A	128
747AX	128
748A	128
748U	128
753A	470
753U	470
771A	475
771U	475
785AX	128
787AX	128
790A	128
790U	128
791A	128
791U	128
792A	128
792U	128
794A	128
794U	128
795A	128
795U	128
797A	128
797U	128
805A	470
805X	470
855X	470

PILOT

	KC/S
Armchair Control	456
Little Maestro	451
Major Maestro	451
Twin Miracle	451
B34	451
C35	451
RG35	451
T35	451
PT36	451
PTC36	451
B43	451
53	451
C53	451
RG53	451
C63	451
T63	451
U106	456
CU225	456
RGAU225	456
RGU225	456
RU225	456
U225	456
C335	451
RG335	451
T335	451
B344	456
CB344	456
C350	451
T350	451
U353	456
CU355	456
RU355	456
U355	456
CU357	456
LM357	456

PILOT (*Contd.*)

	KC/S
RGAU357	456
RGU357	456
U357	456
CU385	456
LM385	456
RGAU385	456
RGU385	456
U385	456
RGAU475	456
RGU475	456
U475	456
530	451
BT530	451
BTC530	451
BT532	451
BTC532	451
C533	451
RG530	451
T533	451
CU535	456
LM535	456
RGAU535	456
RGU535	456
U535	456
BL550	456
RG583	456
RGA583	456
C633	456
T633	456
CU650	456
RGAU650	456
RGU650	456
U650	456
CU690	456
RGAU690	456
RGU690	456
U690	456

PORTADYNE

	KC/S
Jubilee SH	112
Jubilee 5V Batt SH	112
A35	112
A37	112
A38	456
A39	450
A52	112
A53	456
A58	450
A59	112
A64	456
A72	112
AC55	112
B36	112
B37	112
B42	112
B48	112
B49	450
B72	112
J/AC	112
J/AC-DC	112
J/RG	112
MS5	450
PA6	112
PB6	112
PB/AC	450
PB39AC	450
PB39U	450
PBC/AC	450
PBC/U	450
PBS/AC	450
PBS/U	450
PB/U	450
RG2/AC	450
RG2/U	450
RG3/AC	450
RG3/U	450
RG6/AC	450
RG6/U	450
RG7/AC	450
RG7/U	450
RG/AC	112
RG/PB/AC	450
RG/PB/U	450
RG/S	450
RGS/U	450
S/AC	112

(Continued overleaf)

† Alternative Values.

PORTADYNE (*Contd.*)

	KC/S
S/B	112
SB4	450
SP/U5	450
TA38	450
TU38	450
U38	456
U39	450
U53	456
U58	450

PYE

Empire AW (1936)	465
International 5V	462
International Console	462
New Baby Q	469
Do (all dry)	469
Nipper	467
CAW	465
CR/AC	114
CR/DC	114
CR/RG/AC	114
E/AC	114
E/B	114
E/DC	114
MP	462
MP/B	462
MP/C	462
MP/RG	462
MP/U	465
MP/UC	465
P	462
P/AC	114
P/B	114
PP/AC	465
PP/B	467
PP/U	465
PS	465
PS/B	467
PS/C	465
PS/RG	465
PU	465
QAC2	127
QAC3	465
QAC5	465
QAC38	465
QB	467
QB3	465
QPAC	465
QPB	465
QPU	465
QU	467
QU3	465
Q43C	465
Q43RG	465
Q49C	465
Q49FS	465
RS4	462
S	114
SE/AC	127
SE/AC/RG	127
SE/B	127
SE/DC	127
SE/U	127
SE/U/RG	127
SP/AC	127
SP/B	127
S/RG	114
S/PG/Auto	114
TC/RG	114
TP/AC	127
TP/B	127
T4	127
T6	127
T7	127
T9	127
T9C	127
T9RG	127
T10	465
T10A	465
T12	127
T17	127
T17RG	127
T18	127
T18C	127
T18RG	127
T20	127
T21	127
T37	127
T37RG	127
T60	127
T61	127
26E	465
26ERG	465
26ERG/Auto	465
62E	465
62EV	465
802	465
803	465
805	465

PYE (*Contd.*)

	KC/S
805RG	465
805RG/Auto	465
806	465
806RG	465
809	465
810	465
811	465
812	465
812RG	465
823	127
824	127
826	465
830	465
834	465
834C	465
834RG	465
835	465
841RG	465
842	465
901	462
906	462
946	462
951	462
952	462

RGD

166	465
166U	465
196	465
196U	465
296	465
296U	465
356	465
356U	465
516	460
522	460
535	460
623AC	460
623DC	460
625AC	460
625DC	460
628AC	460
628DC	460
630AC	460
630DC	460
643AC	460
643DC	460
645AC	460
645DC	460
658	460
660	460
700AC	110
700DC	110
701AC	110
701DC	110
702AC	110
702DC	110
703AC	110
704AC	110
704C	110
704DC	110
704RG	110
705	460
718AC	465
718AC/DC	465
722	465
723AC	465
723AC/DC	465
727	465
739AC	465
739AC/DC	465
A739AC	465
A739AC/DC	465
743	465
748	465
878	460
880	460
901AC	110
901DC	110
925	465
930	465
948	465
955	465
1015	465
1129	465
1135	465
1153	465
1155	465
1175	465
1201	110
1202	110
1203	460
1204	110
1220	460
1221	465
1295	465
3611	465
5311	465
5511	465
7511	465

RI

	KC/S
4V Batt S/het	118
S/het RG	118
Airflo	118
Duotone	118
Moderne	118
Ritz	118
Ritz AC S/het	118
Ritz Micrion Batt.4	118
Ritz Twin Spkr.	118

REGENTONE

AC/DC Transportable	465
Bennett Bantam	456
Bennett Trans.	456
Dickson All-dry	450
Permeability 5	456
Transportable 5	465
Transportable 6	465
World-Wide 5	456
5V Superhet.—	
——with round cans	110
——otherwise	123
AC/47	†110, 123
AC/56	†110, 123
AC/56U	†110, 123
AC/57	†110, 123
AC/57U	†110, 123
AW/S	465
RG66	†110, 123
RG66U	†110, 123
USP59	465

ROBERTS

M5A	430
P6	126

ROGERS-MAJESTIC

11-6	456
11-8	456
11-8X	456
11-9	456
11-9DX	456
11-11	456
11-11X	456
12-6	456
12-7	456
12-9	456
13-8	456
13-8C	456
13-10	456
13-15	456
14-8C	456
14-8R	456
14-8T	456

SPARTON

401	465
501	465
510	465
511	465
519	465
520	465
521	465
530	465
531	465
540	465
541	465
548RG	345
548T	345
559	465
610	465
611	465
619	465
620	465
621	465
629	465
630	465
631	465
639	465
640	465
641	465
648AG	345
648C	345
648RG	345
649	465
650	465
651	465
719	345
748AG	345
748C	345
748T	345
1268AG	456

STANDARD

S40	130
S60	130

SELMER

	KC/S
Truvoice 5	450
139	450
140	450
1239	450

SUNBEAM

22	456

TELSEN

6V S/het	110
3435/BH	110
3435/BV	110
3435/MH	110
3435/MV	110

TEMPOVOX

R3	465
R3G	465
R3U	465
R3UG	465

TROPHY

See PETO SCOTT

TRUPHONIC

AT5	127
AW5	127
AW5A	127
AW5B	127
AW5C	127
AW5T	127
AW6	456
B4	127
BB4	127
BW5	127
BW5B	127
CA6	127
CU6	127
MA5	465
MA5RG	465
MA5T	465
MU5	465
MU5RG	465
MU5T	465
MA6	465
MA7	465
MA8	465
MA8RG	465
MU5	465
MU5RG	465
MU5T	465
NA5	127
NAC5	127
NAW5	127
NU5	127
NUW5	127
PA5	465
PAT5	127
PU5	465
PUT5	127
RGAW5C	127
RGA6	127
RGUW5	127
RGUW5C	127
RGU6	127
UT5	127
UW5	127
UW5B	127
UW5C	127
UW5T	127
U6	127
UW6	127

ULTRA

Panther	456
Tiger	456
22AC	456
22 Batt	456
22 DC	456
25 AC	456
25 DC	456
26	456
44	456
47	456
48	456
49	456
50	456
P60	†470, 510
P61	510
P62	510
P70	510
U70	510
88	456
95	456
96	456

ULTRA (*Contd.*)

	KC/S
97	456
99	456
101	456
102	456
103	456
105	470
106	470
115	456
116	456
121	456
122	456
123	456
125	456
133	456
134	456
140	456
150	456
201	470
202	470
203	470
204	470
205	470
206	470
207	470
208	470
209	470
210	470
301	470
302	470
303	470
304	470
305	470
306	470
307	470
308	470
309	470
310	470
315	470
316	470
400	456
500	470

UNIRAD

Battery Grand AW	110
AW/AC S/het	110
AW/B6	110
AW/M6	110
AW5/B7	465
AW5/M7	465
AW6/M7	465
AW6/M76	465
SM/B6	110
SM/M6	110
SM5/B7	465
SM5/M7	465
SO/B6	110
SO/M6	110
SW6/M7	465
SW6/B8	465
SW6/M8	465

VARLEY

AC S/net 4	110
AP46	110
AP48	110
Square Peak Mains S/h	110

VIDOR

220	473
221	473
227	130
237	130
258	130
275	473
277	473
280	473
284	473
288	450
290	473
291	473
300	473
301	473
302	473
308	450
322	465
323	465

WB

4V A/wave SH	128
5V A/wave SH	128
394B	128
395	128

ZETAVOX

ST/AC/SH	125

† Alternative Values.

Printed in Great Britain by The Cornwall Press Ltd., Paris Garden, London, S.E.1.