

D/F OUTFITS.

Nomenclature:-

In the older D/F outfits two letters are allocated commencing with the letter 'S'.

In the more modern outfits a self evident nomenclature has been adopted consisting of two letters followed by one or more figures.

The first letter will indicate the type of aerial system employed.

The second letter will indicate the wave frequency range and also whether bearings on H/F and M/F can be taken simultaneously, alternatively, or whether simultaneous watch can be kept on H/F and M/F, bearings being taken alternatively.

The figure(s) will differentiate between outfits of the same nature but different establishments of stores.

First letter.

- A = Adcock aerial system.
- F = Fixed frame coil aerial system
- L = Loop aerial system.
- R = Rotating frame coil aerial system.

Second letter.

- A = Alternative H/F D/F or M/F D/F.
- C = Common aerial. Simultaneous reception on H/F and M/F but alternative D/F.
- H = H/F D/F only.
- M = M/F D/F only.
- S = Simultaneous H/F D/F and M/F D/F.

D/F OUTFIT	COMPONENT UNITS	NUMBER OF VALVES	FREQUENCY RANGE IN KILOCYCLES	SERVICE
AH1	M9 K7 E27 N20 S28	5 NR 15A 1 NR 15A 1 NR 16A 2 NR 15A 2 NR 15A	670-20,000	Shore Stations only
FA1	S16 or S17 Frame coil M9 E27 K7 N20 A47 S27 S29	5 NR 15A 1 NR 16A 2 NR 15A 1 NR 15A 2 NR 15A 2 NR 16A	60-20,000	Small Office
FA2	- S16 or S17 Frame coil M9 E27 K7 N20 A47	5 NR 15A 1 NR 16A 2 NR 15A 1 NR 15A 2 NR 15A 2 NR 16A 1 NR 15A	60-20,000	Smaller cruisers. Tribals, Flotilla Leaders ('H' and later), and Escort Vessels.
FA3	S27 S29 S18 Frame Coil M9 E27 K7 N20 A47 S27 S29	5 NR 15A 2 NR 15A 1 NR 16A 2 NR 15A 1 NR 15A 2 NR 16A	60-20,000	
FA6	S17 Frame Coil M9 E27 K7 N20 S29 Marconi DFG 11 D/F Outfit (Less frame coil)			Havelock and class.
FC1	S17 Frame Coil M9/2 E27 K7/2 N20/2 S27 S29 A47	5 NR 15A 1 NR 16A 2 NR 15A 1 NR 15A 2 NR 15A 2 NR 16A 1 NR 15A	60-20,000	Cruisers.

D/F OUTFIT	COMPONENT UNITS	NUMBER OF VALVES	FREQUENCY RANGE IN KILOCYCLES	SERVICE
FC2	S18 Frame Coil M9/2 E27 K7/2 N 20/2 A47 S27 S29	5 NR 15A 2 NR 15A 1 NR 15A 2 NR 15A 1 NR 16A 1 NR 15A 2 NR 16A	60-20,000	
FH1	M9 E28 K7 N20 S28X	5 NR 15A 2 NR 22 2 NR 15A 1 NR 16A 1 NR 15A 2 NR 15A	670-20,000	"Berwick" only
FH2	S16 Frame Coil M9 E27 K7 N20 S29	5 NR 15A 1 NR 16A 2 NR 15A 1 NR 15A 2 NR 15A	670-20,000	Capital ships
FH3	S18 Frame Coil M9 E27 K7 N20 S29	5 NR 15A 1 NR 16A 2 NR 15A 1 NR 15A 2 NR 15A	670-20,000	
FM1	S16 or S17 Frame coil M9 K7 N20 S26 A47	5 NR 15A 1 NR 15A 2 NR 15A 1 NR 15A 2 NR 16A	60 - 600	
FM2	S19 Frame Coil M9 K7 N20 A47 S27	5 NR 15A 1 NR 15A 2 NR 15A 1 NR 15A 2 NR 16A	60 - 600	
FM3	Special Frame Coil Marconi DFG 11 (Less frame coil).			"Cachalot", "Kerwhal" "Seal".

LIST OF D/F OUTFITS (Contd.)

D/F OUTFIT	COMPONENT UNITS	NUMBER OF VALVES	FREQUENCY RANGE IN KILOCYCLES	SERVICE
LM1	M9 K7 N20 S26 A47	1 NR 15A 1 NR 15A 2 NR 15A 2 NR 16A 1 NR 15A	60 - 600	Capital ships
RA1	M9 E27 K7 A46 F52X	5 NR 15A 1 NR 16A 2 NR 15A 1 NR 15A 2 NR 16A 1 NR 15A	60 - 2000	"Apollo" only
RC1	M9/2 E27 K7/2 N20/2 A/46 F52X	5 NR 15A 1 NR 16A 2 NR 15A 1 NR 15A 2 NR 15A 2 NR 16A 1 NR 15A	60-20,000	"SOUTHAMPTON" class only.
RM1	M9 K7 N20 A46 F51	5 NR 15A 1 NR 15A 2 NR 15A 2 NR 16A 1 NR 15A	60 - 600	"EXETER" only.
RM2	M9 K7 N20 A46 F26	5 NR 15A 1 NR 15A 2 NR 15A 2 NR 16A 1 NR 15A	60 - 600	Shore stations.
SBX	A41 B14X M9 S26 S42 S61 K5 N9	1 NR 23 4 NR 15A 5 NR 15A 1 NR 15A 1 NR 14 1 NR 14 3 NR 14	60 - 650	"PORPOISE" only.
SC	A8 M13 N9 * K5 *	5 NR 15A 3 NR 14 1 NR 14	15 - 60	Loop aerial reception. * Not if fitted in conjunction with D/F outfit.

LIST OF D/F OUTFITS (Contd.)

D/F OUTFIT	COMPONENT UNITS	NUMBER OF VALVES	FREQUENCY RANGE IN KILOCYCLES	SERVICE
SEx	A7 A41 M9 N9 S42 S61 K5 F24X	5 NR 15A 3 NR 14 1 NR 15A 1 NR 14 1 NR 14	60-670	Rotating frame coil.
SEy	A46 M9 N9 K5 F25	2 NR 16A 1 NR 15A 5 NR 15A 3 NR 14 1 NR 14	60-670	"CLYDE" and "SEVERN"
SF	A7 A42 M9 K5 N9 S42 F21	2 NR 17 5 NR 15A 1 NR 14 3 NR 14 1 NR 15A	60-670	"O" Class S/MS.
Marconi 579	Receiver 579 Goniometer 579	3 VP21 3 HL2 } Metallised 1 P2 }	260-545	Fitted in large sea-going R.F.As. only. (C.A.F.O.783/37).