

(1) AIRCRAFT RADIO**List of Reference Headings**

Notes.—(i) The Orders in this section are mainly of a technical nature relating to Aircraft Radio. Other Orders will be found in their appropriate sections, references to which are made in the list in Note (v) below.

(ii) Stores items will be listed under the equipment concerned unless they are of a general nature.

(iii) Where an Order of a general nature does not contain as the second clause of its heading, a reference heading as listed below, it will be indexed automatically under General.

(iv) An Order with the final clause of the heading containing:—
 (a) Modifications
 (b) Reports
 will be indexed under those reference headings as appropriate.

(v) Headings marked † are for cross-reference only.

†A.G.E.S. Units. (See Power Supplies.)

†Altimeters. (See Navigational Aids.)

†Beacons, W/T. (See Navigational Aids and appropriate outfit in **WIRELESS** sub-section.)

†Beacons, Radar. (See Navigational Aids and appropriate outfit in **RADAR** sub-section.)

†Books. (See Publications and Section IX—Books.)

†Communications. (See Wireless.)

†Crystals. (See General and Stores.)

General

†Handbooks. (See Publications and Section IX—Books.)

†Homing and Blind Approach. (See Navigational Aids.)

I.F.F.

†Intercom. (See Wireless.)

†Maintenance. (See Test Equipment.)

†Microphones. (See General.)

Modifications

†Naval Stores. (See Stores.)

Navigational Aids. (See also **NAVIGATION AIDS** sub-section.)

†Officers. (See Section I—General.)

†Personnel. (See Section I—General.)

Power Supplies**Publications****Radar**

†Radio Mechanics. (See Section I—General.)

†Ratings. (See Section I—General.)

Reports

†Spares. (See Stores.)

Stores

†Telephones. (See General.)

Test Equipment

†Tool Kits. (See Stores.)

†Valves. (See Stores.)

†Window. (See D/F, Y and R.C.M. sub-section.)

Wireless

†Workshops. (See General.)

General :—

Aerial feeders and electrical cables—cutting	.. .. .	*1356/43
Aircraft inspection—Naval Aircraft Inspectorate	.. .. .	2840/45
Aircraft—instructions for carrying out Before Flight Inspections and Daily Inspections when naval airmen (aircraft mechanic) are employed in this work	.. .. .	4165/47
Air Sea Warfare Development Unit—formation of Naval Section	.. .. .	†937/45
American equipment—repair policy	.. .. .	†24/47
Barracuda W/T installation—microphones	.. .. .	1701/44
Cords, instrument, Type Q—omission of insulation on metal braiding	.. .. .	6027/43
Crystal frequency multiplication table	.. .. .	2078/47
Crystal supply organization	.. .. .	†147/47, †301/47
Crystals—identification by holder type and crystal frequency—list of authorized crystal frequencies for which stocks are held in the United Kingdom	.. .. .	†21/47
Detection and prevention of inadvertant radiation from dispersed fighter aircraft R/T transmitters	.. .. .	4014/46
Experimental models of radio equipment	.. .. .	7573/45
Films. (See Publications.)	.. .. .
Flying helmets, head sets and microphones—test equipment Ref. 10s/ACR 23—introduction	.. .. .	2937/47
Flying helmets, Types C and D, wired/2186, naval pattern, and ancillary equipment—introduction	.. .. .	5112/46, 3803/47
Forms A.63—Naval Aircraft Standard Before Flight and Daily Inspection Cards	.. .. .	4226/47
Interservice reference Nos. and catalogues	.. .. .	1077/45
Laryngaphones (Army Ref. ZA. 19734)—introduction and modification for use with wired helmets	.. .. .	5236/45
Low impedance telephones :—		
Introduction	.. .. .	4511/44
All aircraft not already using them—reports	.. .. .	6587/45
Avenger	.. .. .	3212/45
Barracuda	.. .. .	4518/44
Corsair	.. .. .	2766/45
Firebrand	.. .. .	†702/45
Firefly	.. .. .	3213/45
Hellcat	.. .. .	2766/45
Seafire	.. .. .	2766/45
Sea Otter	.. .. .	3213/45
Swordfish	.. .. .	5198/44
Wildcat	.. .. .	2766/45
Personal equipment	.. .. .	2512/45
Use of carbon microphones with T.1115 or T.1083	.. .. .	174/45
Microphone assemblies—failure due to defective sealing compound	.. .. .	5763/43
Microphone assemblies, Types 57 and 66, and oxygen mask, Type H—introduction	.. .. .	6142/46
N.A.R.M.G. and N.A.R.M.P.—formation and reports	.. .. .	3835/45, 5463/45
Naval Air Electrical School—"Ariel"	.. .. .	2276/47, 2452/47
Naval Air Radio Installation Unit (N.A.R.I.U.), Stretton—functions and responsibilities	.. .. .	2274/47
Naval air stations—ground radio equipment—responsibility for maintenance	.. .. .	†1509/44
Naval Night Fighter Development Squadron—functions	.. .. .	†619/45
Naval School of Airborne Radar—functions	.. .. .	†367/46
Precautions for prevention of damage to aircraft struck by lightning	.. .. .	4015/46
Radio equipment in first line aircraft	.. .. .	†1054/44, †1489/44
Radio flying aids and organization	.. .. .	7329/45
Radio frequency range charts	.. .. .	†932/44
R.A.T.O. installations—electric and radio testing	.. .. .	†1206/45
Repair and test centres at Home—functions and capabilities	.. .. .	6312/44
Repair policy	.. .. .	760/45, 3214/45
Responsibilities for fitting, installation, maintenance, and repair	.. .. .	†549/46
Safety equipment (flying clothing and ancillary equipment)	.. .. .	3223/46
Sealing of H.F. feeder cables	.. .. .	3173/44, 4144/44

General—contd.	.. .. .	†130/46	
Security :—			
Grading			†399/48
Measures			†383/48
Radar aerials—release of photographs and films			†1502/45
Radar information—disclosure to the public			†1466/45
Radio and V/S "special" equipments—policy			†333/48
Storage and transmission of naval stores including air stores			
graded restricted and above—measures			†1488/45
Sockets, Type 359—waterproofing			2644/43
Telephones and microphones—allowances to radio electricians			
(Air) (W) and radio electricians mates (Air) (W)			1139/47
Tuning of aircraft W/T sets in hangers			†1994/43
Waterproofing of micro-telephone wiring and "W" plugs and sockets			6593/44
LF.F. :—			
Aerials, Type 93		†1371/45,	†1753/45
AN/APX-1—introduction			†1754/45
AN/APX-2—aerials in Avenger			†1611/45
AN/APX-2—introduction			†410/46
Bogus distress radiations			†1999/44
Detonators :—			
Cancellation			5235/45
Firing circuit—testing			173/45
For use in Radar and I.F.F. sets—precautions in handling and fitting			†1702/44
For use with I.F.F. equipment			†1006/44
In AN/APX-1 and AN/APX-2			†931/45
Removal			*†1012/43
Removal of demolition cartridges on return of I.F.F. equipment to Radio Repair Centres			†456/44
Equipment in American aircraft			†1775/44
I.F.F. and A.S.V. installations			†37/42
Inertia switch, Birdak type in lieu of Graviner type—introduction			†2301/43
Inertia switch—maladjustment			*†1361/42
Maintenance			*†1227/42
Mark II :—			
R.3002 detonator circuit—electrical wiring			*†2072/42
R.3002/3—precautions			*†290/42
R.3002/3—shorting of generator case to earth			*†88/42
R.3002/3, R.3108/9, R.30778—compass interference when used in naval aircraft			*†960/42
Series—disposal			*†2459/43, †276/45
Mark IIN :—			
R.3108/9 as replacements for R.3002/3			*†1058/42
R.3109—compass interference			*†2374/42
R.3108/9, R.3128/9—introduction			*†36/42
R.3109—general issue			†1733/42
R.3109 in Fulmars—fitting of open-wire feeders			*†1308/42, *†2022/42
Mark III :—			
Aerials			2903/44
Bonding			4631/44
Distress switches			†2680/43
Interference with A.S.V., Mark IIN equipment			†1825/44
Introduction and issue		†1936/43,	*†2459/43
Issue of R.3067 and R.3090			†1063/44
R.3067/R.3090—valves, V.R. 65A			†1725/44
Shielded plugs and sockets			4934/45
Modifications :—			
A.1134 and A.1219 series—microphone leads			2765/45
Albacore alteration, No. 53			979/43
Altimeters—alteration to colour sequence of limit lights			2637/44
Altimeters—AYF			1754/45
Altimeters—AYF—restriction of range			5454/44
Altimeters—instrument lighting			6137/45
AN/APX-2—introduction and modifications			†410/46
AN/ARC-1—Barracuda installation			5544/45, 844/46

* } See notes on Title page.

Modifications—contd.

AN/ARC-1—modification to provide facilities for intercom. and to allow use of E.M. microphones ..	
AN/CRT-1A and 1B—modification for re-use ..	
A.R.B. receivers ..	5697/45
A.R.I. 5206—control unit, Type 260—modification when T.R. 1366 is not fitted ..	†5/46
A.R.I. 5206—control unit, Type 276—Barracuda modifications ..	2506/44
A.R.I. 5206—Firefly aircraft—prevention of short circuit on D.C. supply ..	843/46
A.R.I. 5206—modulator unit, Type 76—failure of L.T. fuses ..	844/46
A.R.I. 5206/S.C.R. 522—Barracuda—intercom. failure ..	954/45
A.R.I. 5291—Avenger aircraft ..	251/46
A.S.B. equipments—modification of control box ..	2174/45
A.S.V., Mark II—indicating unit, Type 6C—C.R.T. grid resistance ..	5698/45
A.S.V., Mark II—indicator unit, Type 96—instability of time-base ..	1134/44
A.S.V., Mark II—indicating units, Type 6C—low deflection sensitivity ..	2364/44
A.S.V., Mark II—R.3039/T.3040 sets ..	3322/44, 3724/44
A.S.V., Mark II—R.3039E—modification for reduced aerial coupling ..	2363/44
A.S.V., Mark II—R.3039E, R.3132, R.3132B—replacement of cathode follower load resistance ..	*†2421/42
A.S.V., Mark II—R.3039 and R.3132—selector switches, Type 35—modification to permit homing on to a source of C.W. interference ..	*†2470/41
A.S.V., Mark II—R.3132 series—splitting of time-base ..	†1850/42
A.S.V., Mark II—T.3040E—defective Lecher tube supports ..	†458/44
A.S.V., Mark II—T.3040E—earthing of condenser clip ..	2507/44
A.S.V., Mark II—T.3040E—elimination of interference to communications equipment ..	*4452/43
A.S.V., Mark II—T.3040E—incorporation of additional "On-Off" switch in Barracuda aircraft ..	5328/44
A.S.V., Mark II—T.3040E—power pack—high voltage condensers ..	†460/44
A.S.V., Mark II—T.3040E—replacement of side ventilating covers ..	*†2543a/42
A.S.V., Mark XI—additional display facilities ..	*978/43
A.T.C.-1—addition of bypass condensers ..	†2220/44
A.V.R.-20—modifications for choke capacity coupling ..	4630/44
Barracuda II aircraft—W/T installations ..	*†2092/41
Beacon installation in naval aircraft—fitting of change-over switch ..	2471/45
Firefly F Mark 1A—release to service ..	440/45
I.F.F., Mark II—R.3002/3—fixture condenser setting ..	†210/47
I.F.F., Mark IIN—R.3108/9—modifications to bias resistance circuit of V.R. 135 ..	*†41/42
I.F.F., Mark III—control unit, Type 90—error in wiring ..	*†1009/42
I.F.F., Mark III—R.3067/R.3090—short-circuiting of suppression facilities ..	†2318/44
Policy ..	†2157/44
R.1116—replacement of valves, V.R. 82 ..	3373/45
R.1155 series—removal of D/F circuit valves ..	*4026/42
R.U. receivers—improvement of audio coupling factor ..	3564/44
S.C.R. 522/A.R.I. 5206—Barracuda aircraft—intercom. failure ..	3723/44
S.C.R. 522—aerial, Type 147—replacement by aerial, Type 218 ..	2174/45
S.C.R. 522—breakdown of certain condensers connected to H.T. line ..	752/47
S.C.R. 522—controller, electric, Types 3 and 5003—locking of T/R switch ..	6674/46
S.C.R. 522—manual receiver muting—Firefly aircraft ..	1753/45
S.C.R. 522—power units—provision of H.T. fuse ..	3374/45
S.C.R. 522 and 542 ..	6308/44
S.C.R. 695—Firefly—reversal of "Manual G" switch ..	6725/44
	5237/45

* } See notes on Title page.
† }

Modifications—contd.	
Sea-Otter aircraft—A/G to pilot warning device	3722/44
Summary	†293/47
Test kit, Type 7—artificial aerial, Type 36—modification to improve efficiency	7205/45
Test kit, Type 7—failure of motor generator, Type 14	6254/46
Test set, T.S.-16/A.P.N.—modification for detector balancing	2928/45
Test set, Type 205—incorporation of attenuator unit, Type 67	†1884/45
T.1115—defective key terminals	*1826/42
T.1115—modification for use of oversize crystal unit	2638/44
T.1115/R.1116—improvement in operation—instructions	*†2512/41
T.1154/R.1155—fire risk due to breakdown of M.F. aerial leads	5676/44
T.R. 9D	*†203/42
T.R. 1161—introduction of new potentiometer	*5522/43
T.R. 1161—reduction of harmonics of C.W. oscillator	*2422/43
T.R. 1196—failure of suppression condenser	*4600/43
T.R. 1196 and 1196A—failure to oscillate	201/44
T.R. 1196—Fulmar, radio Mod. 178	*†503/43
T.R. 1196—instability in transmitter power amplifier circuit	*†1972/43
T.R. 1196 series—controller, electric, Type 4—mounting of press-button switch	4273/44
T.R. 1196 series—controller, electric, Type 4—T.R. switch modification	4938/44
T.R. 1196 series—T.R. and M.C.W. relays	4282/44
T.R. 1196 series—ventilated covers	1594/44
T.R. 1366—Barracuda installation—output adjustment when used with S.C.R. 522	3563/44
T.R. 1366—Barracuda—shortening of fixed aerial	3993/44
T.R. 1460—modulator units	4167/45
T.R. 1460—repositioning in Swordfish aircraft	594/45
VH/F—Seafire—loading adjustments on introduction	†671/44
ZB/A.R.A.—modifications to output circuit of A.R.A. receiver	*†2555/43
ZBX—control unit, Type C-2/A.R.R.-2—modifications to telephone jack and deletion of "Stop" tab	3049/45

Navigational Aids :—

Aircraft dinghies and ancillary equipment (naval)—description, use and maintenance	4396/46
Altimeters, AYD and AYP—introduction	†211/44, †519/44
Altimeters, AYD and AYP—setting up and maintenance	3567/46
Lost aircraft procedure	†539/45
R.1147—ground testing	*†623/43
R.1147—retrospective fitting	*†1369/42
R.1147, 1147A, 1147B	*†333/42
Radar homing and beam approach beacons—responsibility for maintenance	1415/45
Sonobuoys—brief description and method of use	†1240/44, †1436/44
ZB/ARA equipments in Corsair, Hellcat, and Wildcat V and VI	†1387/44
ZBX equipment (AN/ARR-2, 2X)—introduction	†2149/44
ZBX—introduction of AVC for blind approach purposes	†429/46
ZBX and ZB/ARA aerial installations	2768/45

Power Supplies :—

Aircraft ground electric supply (A.G.E.S.) units—modifications—reports	1914/47
Provision of special electrical power supplies for testing purposes in ships and naval air stations	3352/45, 3867/46
R.N. shore wireless stations—restrictions in power, telephone and remote control cables in the vicinity of ground radio installations	†1671/45

Publications :—

" Airborne Radar Maintenance Bulletin "	2411/44
Aircraft component maintenance card—Form A.703—introduction	2877/47
Air Ministry Radar documents—superseded editions and modification leaflets	†901/45
AN/APS-4—publications	†847/45

* } See notes on Title page.
 † }

Publications—contd.

Correction of books in peace ..	
C.V. register of electronic valves—B.R. 1758 ..	
Films, instructional :—	
Aircraft radio—operational and technical ..	†455/46
" I.F.F., Mark III " ..	2874/47
" Interference and jamming of Radar " ..	†2373/44
" Radar A.S.V. (X), Part 1 "—applicable to A.S.V., Mark XI, in naval aircraft ..	5926/45
" Radar, A.S.V. (X), Part 2 " ..	2857/45
LM-7 wavemeter—calibration books ..	†762/44
Naval air radio general equipment notes ..	†1359/44
" Naval Radio Review "—introduction ..	3174/44
" Naval Radio Review "—new security classification ..	†1057/45
Provisional Handbook for Type 961—issue ..	†265/47
Publications for the naval air arm ..	†272/47
Technical library grants ..	†181/46
Test equipment TS-13/AP—handbook of maintenance instructions ..	6474/45
Test kit, Type 7—publications—issue ..	4229/47
U.S.A. publication—" Digest of Airborne Radar and Radio News " ..	1153/47
U.S.A. publication—" Practical Analysis of U.H.F." ..	1494/46
U.S. Radar and radio publications—downgrading.. ..	5115/44
	1225/45
	†46/47

Radar :—

Aerials—protection against corrosion ..	
AN/APS-4—assisted take-off limitations for Barracuda and Firely ..	†91/44
AN/APS-4—Barracuda—mounting of bomb—responsibility ..	†796/45
AN/APS-4—introduction ..	5817/45
AN/APS-4—packing of transmitter-receiver ..	†654/45
AN/APS-4—use of stretchers and mountings ..	†32/46
AN/APS-6 and 6A—canvas covers for radome ..	5086/45
AN/APS-6—removal of equipment from aircraft used for A.D.D.Ls. ..	3566/46
A.S.V. and I.F.F. installations ..	1691/46
A.S.V. :—	†37/42
Aerials in Swordfish and Walrus—waterproofing ..	*†378/42
Mark II—Barracuda—aerials ..	5573/44
Mark II—Barracuda installation ..	*†501/43, *†1558/43, *†1829/43
Mark II—fitting of remote 4-in. indicator ..	*†332/42
Mark II—improved aerial array ..	†125/45
Mark II—indicator, Type 96 for use with ..	†453/44, 5926/44
Mark II—interference from I.F.F., Mark III ..	†1825/44
Mark II—record of fitting ..	*†1040/41
Mark II—sealing compounds ..	*†548/42
Mark XI—introduction ..	*†2688/43
Mark XIII A—(A.R.I. 5650)—introduction ..	†301/46
Mark XIII A—use of test set, Type 255 ..	†517/46
Mark XV IN—(A.R.I. 5748)—introduction ..	†65/46
Detonators—precautions in handling and fitting ..	†1702/44
Detonators in Radar equipment ..	818/45
Radar equipment—security and disposal ..	*†287/43, 1837/44

Reports :—

Air stores—centralized organization under the Supply Officer—introduction by 30th September ..	1262/47
Aircraft squadron equipment standards ..	†209/47, †336/47
Aircraft ground electric supply (A.G.E.S.) units—modifications ..	1914/47
Aircraft unserviceability reports—Form A.61—introduction ..	389/47
A.S.V.—Mark II—Albacore—compass interference ..	*†605/42
A.S.V.—use in operations ..	†1249/45, †1255/45
Aviation—revision of defect recording procedure for naval air equipment ..	574/47
Low impedance telephones—all aircraft not already using them ..	6587/45
Preservation and packaging ..	2860/47
Repair policy ..	760/45
Unserviceability report forms—introduction ..	981/45

* } See notes on Title page.
† }

Stores :—		
Aerial insulator, strain, Type 18—replacement of nose piece	..	*3274/42
Air stores—centralized organization under the Supply Officer—introduction by 30th September—reports	..	1262/47
Aircraft stores establishments—recommendations for amendment of allowances	..	334/45
Allowances, stockholding and replenishment procedure—air stores	..	491/47
American equipment—repair policy	..	†24/47
Ammeters, voltmeters, milliameters, etc.—transfer to new vocabulary Section 5Q	..	1060/47, 1538/47
A.S.V.—Mark II—A.G.S. parts and range of spares—Walrus	..	*†1660/42
A.S.V.—Mark II—indicator unit, Type 96 for use with	..	†453/44, 5926/44
A.S.V.—Mark II—spares and test equipment	..	*†1271/43
A.V.T. 15/A.V.R. 20—Wildcat aircraft—return to stores	..	*†2477/42
Connectors and connector sets—procedure for demanding	..	2921/45
Crystal monitor, Type 2	..	*†382/42
Crystal supply organisation	..	†147/47, †301/47
Crystals—identification by holder type and crystal frequency—list of authorized crystal frequencies for which stocks are held in the United Kingdom	..	†21/47
Delays in rendering certified issue vouchers	..	492/47
Ganging oscillator (Cossor, Type 343)	..	†1391/44
Impedance matching unit, Type 110	..	1978/44
Irons, soldering—introduction	..	3870/46
Irons, soldering, pencil bit—Pyrobit—for W/T and Radar use	..	726/45
Junction boxes section 110AB/Ref. 411 and 700	..	2586/47
Loudspeakers, Ref. 10U/8284—supply	..	†2354/43
Meggors—increased allowances for W/T and Radar workshops	..	*2763/43
Mic-Tel sockets, Types 359 and 360—introduction of brackets	..	*6054/42
Perspex sheeting for scuttles in carriers air Radar workshops—provision	..	580/45
Precious metals	..	4213/47
Procedure for demanding spares	..	5927/44
R.1116—range of spares	..	*689/42
R.1116—valve caps and adaptors	..	*4466/43
R.1147—range of spares	..	*4990/41, *281/42, *2296/42
Radar equipment, secret—security and disposal	..	*†287/43, †1837/44
Radio equipment—demands	..	5551/42
Recovery, survey, repair and disposal of defective naval and air stores	..	667/47
Signal generator, Type 31, Ref. 10S/66—introduction	..	32/47
Sonobuoys—AN, CRT-1A and 1B—reduction in expenditure	..	†4/46
Squadron mobile equipment—changes in allowances	..	3368/43
Squadron mobile equipment—reduction of type S.M.E. and introduction of squadron servicing allowance	..	2082/47
Squadron mobile equipment—review of allowances of general items	..	363/46
Standardized preservation and packaging action	..	215/47
Telephones and microphones—allowances to radio electricians (Air) (W) and radio electricians mates (Air) (W)	..	1139/47
Test equipment for AYD/AYF	..	711/45
Testers, insulation—allowances	..	5461/46
Testers, insulation, etc.	..	3782/45
Test meter, Type "D"—increased allowances	..	*4348/43
Test meter, Type "F"	..	†2064/44
Tool kits—supply, accounting, stocktaking, etc.	..	1414/43
T.1115—crystals	..	*†448/43
T.1115—spares	..	*†2541/42, *1818/42
T.1115/R.1116—Swordfish—installation of spares	..	*1697/42
T.1115/R.1116—Swordfish—spares, appendix "A" items	..	*1819/42
T.R. 1161—supply	..	*†2476/42
T.R. 1196—crystals	..	*†1370/42
T.R. 1196 and T.R. 1196A—tools, maintenance	..	*†1104/43, †1602/43
Valve, C.V. 1510—supersession by valve, C.V. 309	..	3728/46
Valves, electronic—control of new stores types	..	2011/47
Valves, Type V.R. 91	..	4632/44
Valves, Type "V.T."	..	*1481/43
Waterproof covers for W/T and Radar equipments—provision	..	4143/44
Wavemeter crystal check, Type BG	..	†1390/44
W/T and Radar stores—disposal of returns	..	3564/46

* } See notes on Title page.
† }

Test Equipment :—

Altimeters, AYD and AYP—test equipment	..	..	..	711/45
A.S.V.—Mark II—test equipment	..	..	..	*†1271/43
Electrical measuring instruments—damage	..	..	..	4752/42
Signal generator, Type 31, Ref. 10S/66—introduction	..	..	..	32/47
Test set, Type 255—use with A.S.V., Mark XIII A	..	..	..	†517/46
W.1158, W.1158A or W.1158B—use with test set, Type 74	..	..	..	†2787/43
Wavemeter, W.1117—introduction	..	..	..	*†1697/41

Wireless :—

AN/ARC-1—Barracuda installation	..	..	..	5544/45, 844/46
AN/ARC-1 transmitter-receiver—introduction	..	..	..	3920/45
A.R.I. 5206—Firefly installation	..	..	..	7204/45
A.R.I. 5206—introduction	..	..	..	†1723/44
A.R.I. 5206—setting up	..	..	..	5925/44
A.R.I. 5270—introduction	..	..	..	855/46
A.R.I. 5272 (T.R. 1520)—transmitter-receiver—introduction	..	..	..	113/47
A.R.I. 5291—introduction	..	..	..	5785/44
ATC/ARB—Avenger installation	..	..	..	†1062/44
Crystal frequency multiplication tables	..	..	..	2078/47
R.1116A—introduction	..	..	..	†273/44
R/T set for Swordfish in escort and M.A.C. ships	..	..	..	*†1220/43
S.C.R. 522 (T.R. 5043) and ZBX in Seafire, Mark XVII, aircraft—unsatisfactory performance	..	..	..	203/47
S.C.R. 522 (T.R. 5043)—reports of frequency drift	..	..	..	3374/47
S.C.R. 522—waterproof covers	..	..	..	4751/45
Switch, Type 896—use in " Press to Transmit " installations	..	..	..	4615/45
T.1115—crystals—introduction and fitting	..	..	..	*5307/41
T.1115—method of tuning and/or operating with crystals and of R/T operating	..	..	..	*†1828/43
T.1115/R.1116—introduction	..	..	..	*†1697/41
T.R. 1161, T.R. 1196 and 1196A—introduction	..	..	..	*†596/42
T.R. 1161—Firefly aircraft—loading unit aerial, Type 12—introduction	..	..	..	†1242/44
T.R. 1161—use of note filter	..	..	..	*5314/42
T.R. 1196—" Press to Transmit " facilities	..	..	..	*5762/43
T.R. 1196—removal of covers	..	..	..	*4321/43
T.R. 1196—tuning below 4.3 mc/s.	..	..	..	†939/44
T.R. 1196—Wildcat installation	..	..	..	†1724/44
T.R. 1196B and C—introduction	..	..	..	†1337/44
T.R. 1196B and C—introduction	..	..	..	*†1008/42
T.R. 1304—replacement for T.R.9D	..	..	..	*5942/43
T.R. 1304—test harness and controller—Hurricane and Seafire	..	..	..	†459/44
T.R. 1366—introduction	..	..	..	4392/44
T.R. 1366—use of 6K8G	..	..	..	†216/44
T.R. 1460 and T.R. 1460A—introduction	..	..	..	3046/44
T.R. 1460B—introduction	..	..	..	5811/46
V.H/F aerial installation—Firefly aircraft	..	..	..	†2106/43
V.H/F R/T—introduction into naval aircraft—policy	..	..	..	4616/45
W/T and R/T trainer	..	..	..

* } See notes on Title page.
† }

(2) D/F, Y AND R.C.M.

List of Reference Headings

- Notes.*—(i) Only those Orders specifically concerned with D/F, Y and R.C.M. will be found in this sub-section. Orders dealing with equipment common to other sub-sections will be indexed under those sub-sections.
- (ii) Stores items will be listed under the appropriate equipment unless they are of a general nature.
- (iii) Where an Order of a general nature does not contain, as the second clause of its heading, a reference heading as listed below, it will be automatically indexed under **General**.
- (iv) Headings marked ‡ are for cross reference only.
- ‡Aerials. (See appropriate equipment and also **WIRELESS** sub-section.)
- Aircraft Direction. (See also **WIRELESS** sub-section.)
- ‡Beacons. (See appropriate outfit and **AIRCRAFT RADIO, RADAR** and **WIRELESS** sub-sections.)
- ‡Books. (See Section IX—Books.)
- ‡Crystals. (See **WIRELESS** sub-section.)
- D F Calibration
- Emergency
- General
- ‡H F D/F. (See D/F.)
- ‡Homing and Blind Approach. (See **AIRCRAFT RADIO, RADAR** and **WIRELESS** sub-sections.)
- ‡M/F D/F. (See D/F.)
- Monitoring
- ‡Officers. (See Section I—General.)
- ‡Offices. (See General.)
- Outfits
- ‡Personnel. (See Section I—General.)
- ‡Power Supplies. (See **WIRELESS** sub-section.)
- ‡Ratings. (See Training and Section I—General.)
- R.C.M.
- General.
- Receivers.
- Transmitters.
- Recording Outfits
- ‡Spares. (See Stores.)
- Stores. (See also **RADAR** and **WIRELESS** sub-sections.)
- ‡Telegraphic Typewriters. (See **WIRELESS** sub-section.)
- Training. (See also **RADAR** and **WIRELESS** sub-sections.)
- ‡U.H/F D/F. (See D/F.)
- U.S.A. Equipment
- ‡V.H/F D/F. (See D/F.)
- Y Equipment

Aircraft Direction :—

A.R.I.5272 (T.R. 1520)—transmitter receiver—introduction .. 113/47

D/F Calibration :—

D/F calibration .. 2933/47
D/F calibration—division of responsibilities .. 4268/47

General :—

Aerial filter units—introduction and fitting ..
Aerials—position of battle and D/F sense finder aerials—cruisers—
"Dido" class .. 3888/47
Aerials—siting—As. and As.—reports .. *67/44
Aircraft carriers—effect of parked aircraft on accuracy .. †1899/45
Basic Fleet wireless organization .. †1284/44
Bearings of "Loran" transmissions .. †111/47
Cathode ray tubes, Pattern CV.961—disposal of unsuitable type .. *†848/44
Caution re D/F bearings of area L/F or broadcast H.D. transmitter
—Home stations .. 1464/46
Escort carriers—flexible couplings for hinged masts—As. and As. .. *†1633/40
Equipment in H.M. ships—reports .. *†782/45
Equipment—preservation when placed in state of care and main-
tenance .. 3047/45
Fitting of second receiver—As. and As. .. 5678/46
Hairdryers—provision for drying out D/F frame coils with low
insulation .. *†1320/43, *†1872/43
H/F D/F equipment—removal .. 870/46
Internal communications—departmental use—As. and As. .. *†1559/45
Offices—painting .. †1599/45
Radio equipment log performance record sheets—introduction .. 6133/45
Radio offices—method of painting .. 1492/46,
2598/47
Radio silence—considerations affecting decision on the policy to
be ordered .. 1152/47
Radio standardization programme .. †1471/45
Rigging arrangements—main aerial roof—destroyers and below .. †1866/45
Receivers P38, P47, P48 and P104—valves—possible unsatis-
factory performance .. †735/44
Requirements for fitting aerials—indication of earthing of ships
communications aerials—As. and As. .. *6743/45
Security of radio and "V/S special" equipment—policy—details
of communications equipment concerned .. †332/46, †333/46, †366/46
Transmitters and receivers—crystal frequency multiplication
table .. 168/45, *586/45
V.H/F propagation—range and security—reports .. †1472/45

Monitoring :—

Outfit QG—aerial outfits ARM, ARO and ARP—fitting out
information .. *2894/44
Receivers—use with Type 91 and outfit FV1 .. †1009/45

Outfits :—

FH3 and FH4—fitting—As. and As. .. *†449/45
FH3 and FH4—framecoil S25B, Pattern W6118—introduction .. *3181/43
FH3 and FH4—framecoil S25B, Pattern W6118A—introduction .. *5369/43
FH3 and FH4—range estimation .. †1281/45
FH3 and FH4—requirements for fitting aerials—indication of
earthing of ships communications aerials—As. and As. .. 4260/46
FH4 and AH6—cathode ray tubes .. *5069/44
FH4 and AH6—modified attenuator scale .. *†605/44
FH4—dial bearing indicator, Pattern 53036—fitting .. *5193/44
FH4—fitting out information .. *4453/43
FH4—packing and damage in transit .. *4919/45
FH4—receiver, Pattern 54535 and power unit, Pattern 55663—
modification .. 4469/45
FH4—receiver unit FHB, Pattern W6142—modification .. *2316/45
FH4—replacement condensers .. 3315/44
FH4—switched coil receiver—fitting out information .. *5534/45

* } See notes on Title page.
† }

Outfits—contd.		
FM2/7/11/12—adjustment of inductance correcting unit	3987/44	
FM4—cable cutters—submarines	*†839/44	
FM4 and FM7—replacement of condenser, Pattern 4627 by Pattern 4627A		*5112/43
FM4 and FM11—rigging arrangements—As. and As.—submarines	*3990/44	
FM7—fitting out information	*4093/43	
FM11—fitting out information	*4206/43	
FM11 and FM12—defects in gyro drive	6576/44	
FM11 and FM12—fitting of correcting cams	*5503/43	
FM12—fitting—As. and As.	*4326/43,	*1387/44
FV1—disposal of stores on withdrawal from service		*3912/45
FV1 and Type 91—damage to aerial systems due to excessive heat—As. and As.		†1008/45
FV1 and Type 91—dipoles, Patterns W4805 and W4755—mounting		*†1652/43
FV1 and Type 91—monitoring receivers		†1009/45
FV3—disposal		*578/45
FV3—fitting out information		*1694/44
FV3—removal		*†2666/44
FV4—fitting out information		*1968/44
FV4/5/7—requirements for fitting aerials—indication of earthing of ships communications aerials—As. and As.		4260/46
FV5—fitting out information		845/46
FV5—possibility of concealed errors		3641/47
FV5X—fitting of aerial unit Pattern 58115		1430/47
FV7X—fitting out information		*3036/45
RH1 and RH3—disposal		2983/46
RH3—requirements for fitting aerials—indication of earthing of ships communications aerials—As. and As.		4260/46
RUI—fitting out information	*6280/45,	386/47
RU4—fitting out information		*7061/45

R.C.M. :—**General :—**

Definitions and responsibilities	*†789/45
Pyrotenax cable—cable seals and sealing instructions	*3038/44
R.C.M. in ships—policy	†1687/45, †529/46, †173/47

Receivers :—

For use with outfit FV1 and Type 91	†1009/45
---	----------

Outfits :—

QD—with aerial outfits ARH or AQJ—fitting out information	*6437/44
QD, QG and QN—Pyrotenax cable—cable seals and sealing instructions	*3038/44
QD and QN—modification	3720/44
QG—with aerial outfits ARM, ARO and ARP—fitting out information	*2894/44
QN—with aerial outfit AQA—fitting out information	*1322/45

Transmitters :—**Types :—**

91—fitting out information	*488/43,	*3037/45
91M—fitting out information		4980/46
91/91S—modification to extend frequency range		†1010/45
91/91S—modification to Pattern W3747/A—panel 3 AM, transmitting		†784/45
650/1—disposal		2064/46
650/1—removal from ships		†106/46
653 (1), 654, 656 and 659—fitting out information		*4319/45

Recording Outfits :—

Revised policy and distribution

4265/46

* } See notes on Title page.
† }

Stores :—

Advice—Fleets and establishments—alternative components to specified items of radio outfits	.. .. .	432/45
Chairs for offices	.. .. .	684/46, 6588/46
Clocks and watches—revised allowances	.. .. .	4024/46
Disposal of radio equipment from ships reducing to reserve	.. .. .	5209/46
Electric cables—stocks to be held at Bases	.. .. .	*453/44, *4393/44
Outfits :—		
AH6 (switch coil model)—power unit FHB (design 2)—modification	.. .. .	4203/47
FH3 with frame coil, Pattern 525B—fitting out information	.. .. .	*6013/43
FH4—general instructions for switched coil model	.. .. .	5207/46, 956/47
FH4—packing and damage in transit	.. .. .	*4919/45
FH4 (switch coil model)—power unit FHB (Design 2)—modification	.. .. .
FM14—fitting out information	.. .. .	1140/47
FM15—fitting out information	.. .. .	6249/46
FV1—disposal of stores on withdrawal from service	.. .. .	5677/46
FV3—disposal	.. .. .	*3912/45
FV4—defects	.. .. .	*578/45
FV5—neon lamp—replacements	.. .. .	†1282/45
FV5X—fitting of aerial unit Pattern 58115	.. .. .	6250/46
FV1/QV4—oiling of motor in receiver P29, Pattern W4794B	.. .. .	1430/47
RH1 and RH3—disposal	.. .. .	*5754/43
RU4 with aerial outfit AHD—fitting out information	.. .. .	2893/46
Radio equipment (British)—disposal of pool stocks in the United Kingdom	.. .. .	7194/46
Radio equipment—mutilation before disposal	.. .. .	3875/46
Radio stores—disposal	.. .. .	†583/46
		3564/46

Training :—

General service telegraphists, and W.R.N.S. W/T ratings	.. .. .	257/47, 347/47
R.C.M. and Japanese morse—training in noises	.. .. .	*†201/45

U.S.A. Equipment :—

Types CXFR and TDY—failure of magnetron, Type ZP579	.. .. .	*5448/44
CXFR—fitting out information	.. .. .	*4612/45
50—magnetic wire recorder—fitting out information	.. .. .	*4465/45

"Y" Equipment :—

Aerial filter unit—introduction and fitting	.. .. .	3888/47
General requirements for the equipment of "Y" offices—fitting out information	.. .. .	*4610/45
Outfit QP—fitting out information	.. .. .	*1321/45
Receivers S27C and S27D—modification to improve noise limiter	.. .. .	2986/46
"Y" in ships—policy	.. .. .	†1687/45, †529/46, †173/47

* } See notes on Title page.
† }

(3) NAVIGATION AIDS

List of Reference Headings

Notes.—(i) Only those Orders specifically concerned with navigation aids will be found in this section; Orders dealing with equipment common to other sub-sections will be indexed under those sub-sections.

(ii) Stores items will be listed under appropriate equipment unless they are of a general nature.

(iii) Where an Order of a general nature does not contain, as the second clause of its heading, a reference heading as listed below, it will be automatically indexed under **General**.

(iv) Headings marked † are for cross reference only.

†Aerials. (See **WIRELESS** sub-section.)

†Aircraft Direction. (See **WIRELESS** sub-section.)

†Beacons. (See Outfits and **AIRCRAFT RADIO, RADAR** and **WIRELESS** sub-sections.)

†Books. (See Section IX—Books.)

†Calibration. (See D/F, Y and R.C.M. sub-section.)

†Crystals. (See **WIRELESS** sub-section.)

†D/F. (See D/F, Y and R.C.M. sub-section.)

†Emergency. (See **WIRELESS** sub-section.)

General

†Homing and Blind Approach. (See **AIRCRAFT RADIO, RADAR** and **WIRELESS** sub-sections.)

Monitoring

Outfits

†Spares. (See Stores.)

Stores. (See also **RADAR** and **WIRELESS** sub-sections.)

†Transmitters. (See **WIRELESS** sub-section.)

Training. (See also **WIRELESS** sub-section.)

U.S.A. Equipment

Radio and Communications
Navigation Aids

General :—

Allocation of first fitting equipment ..	4456/47
Loran chain—N.E. Atlantic—transfer ..	..
Loran—introduction of group "OF" to R.A.F. ..	..
Outfit QH—charts and publications ..	*†1808/45
Radio navigational aid—consol—report ..	2431/46
Radio standardization programme ..	*†646/45
Security ..	5675/46
Training facilities for ships "shaking down" at Portland ..	†1866/45
..	†229/46
..	6416/46

Outfits :—

QH—fitting policy ..	..	4840/46
QH—removal of detonators ..	..	..
QH2—aerial outfits ACD/E—fitting out information ..	..	*†1284/45
QH2—L.C.Ts. (3) and (4)—fitting details ..	..	*2523/43
QH2—modifications ..	..	*†1651/44
QH2—modification to dust covers—receiver and R/F unit Type 25 ..	..	*†2617/43
QH2—power supplies ..	..	*†2834/43
QH3—aerial outfits ACD/E—fitting out information ..	..	*†1716/44
QM—(for use with the Decca navigational aid system)—general information ..	..	*2360/44
QM—general information ..	..	1532/47
QM—introduction—policy for allocation and training ..	..	1874/46
QM1/3—Handbook—B.R.1451—issue ..	4836/46,	2660/47
QM2—Handbook—B.R.1453—issue ..	..	3005/46
QM2/3—fitting out information ..	..	4288/46
..	..	2619/46

Stores :—

Disposal of radio equipment from ships reducing to reserve ..	5209/46
---	---------

Training :—

Courses :—

Loran and QH ..	6848/45
Outfit QM—introduction—policy ..	4836/46
QH and Loran systems ..	1732/47
Short courses for officers ..	†79/47

U.S.A. Equipment :—

Outfits :—

AN/APN4 and AN/APN9—fitting out information ..	*6432/45
AN/APN4 and AN/APN9—submarines ..	*†1046/45
Confidential handbook—Loran Navy Model DAS/2 ..	*†1840/44
DAS-1 and DAS-2—fitting out information ..	*1743/45, 3381/46
DAS-1 and DAS-2—receiving apparatus ..	*†360/45
DAS-2—instability ..	*†491/45
Handbooks—charts and report forms ..	*†1544/45, 304/47
Loran receiving apparatus—return of ships fitted ..	6129/46
LRNIA/LRN1 and DAS-1—overloading of valve V6 ..	*†2431/44
Radio equipment (shipborne)—disposal ..	†312/46

* } See notes on Title page.
† }

(4) RADAR**List of Reference Headings**

Notes.—(i) Orders on Gunnery Radar other than technical Radar Orders will also be found in **Section II—Gunnery.**
 (ii) Stores items will be listed under the appropriate equipment unless they are of a general nature.
 (iii) Where an Order of a general nature does not contain, as the second clause of its heading, a reference heading as listed below, it will automatically be indexed under **General.**
 (iv) Headings marked † are for cross reference only.

- †A.C. Supply Outfits. (See **Power Supplies.**)
- †Action Information Organization. (See **Section VII—Navigation Direction.**)
- Aerials (See also **Types.**)
- †Books. (See **Section IX—Books.**)
- †Beacons. (See **Types and Homing and Blind Approach.**)
- †Calibration. (See **General.**)
- †Communications. (See **Section II—Gunnery** and **Section VII—Navigation Direction.**)
- †Complements. (See **Section I—General.**)
- Crystals. (See also **WIRELESS** sub-section.)
- Displays. (See also **Types.**)
- †Films. (See **Training.**)
- General
- Gunnery. (See also **Types.**)
- †Handbooks. (See **Books.**)
- †Hazards. (See **General.**)
- †Heating. (See **General.**)
- †Heightfinding. (See **Types and Section II—Gunnery.**)
- Homing and Blind Approach. (See also **AIRCRAFT RADIO** and **WIRELESS** sub-sections.)
- †I.F.F. (See **Types.**)
- Inspection and Trials
- †Instructional Appliances. (See **Teacher Outfits.**)
- Interference. (See also **Types.**)
- Maintenance
- Mobile Vans. (See also **SHORE STATIONS** sub-section.)
- †Modifications. (See **Types.**)
- †Naval Stores. (See **Stores.**)
- †Officers. (See **Section I—General.**)
- †Offices (See **General.**)
- †Organization. (See **General.**)
- †Personnel. (See **Section I—General.**)
- Power Supplies. (See also **Types.**)

List of Reference Headings—*contd.*

†Publications. (See Section I—Publications and Section IX—Books.)

†Racons. (See Types.)

†Radio Maintenance Rooms. (See Maintenance.)

†Radio Maintenance Room Outfits. (See Maintenance.)

†Radio Mechanics. (See Section I—General.)

†Ranging Outfits. (See also Types and Section II—Gunnery.)

†Ratings. (See Section I—General.)

†R.P. and R.C. Ratings. (See Section I—General.)

†Spares. (See Stores.)

Stores. (See also Types.)

Teacher Outfits. (See also Types and Training.)

Test Equipment

Tools

Training :—

Courses

Films

General

Ratings

Types :—

†79. (See 279/79/281/960.)

242/3/4, 251/3/7

262

267

268

271/2/3

274/5

276/7/293

279/79/281/960

282/3/4/5

291

†293. (See 276/7/293.)

930/1

940/1/2/3, 951/2/3

†960. (See 279/79/281/960.)

961/2

970/1/2

980/1

982/983

U.S.A. Types

†U.S.A. Radar (See Types.)

Valves. (See also Types.)

†Ventilation. (See General.)

Wave Guides. (See also Types.)

†Wavemeters. (See Test Equipment.)

†Wavemeter Outfits. (See Test Equipment.)

Aerials :—		
Lamp attachment—aerial and gyro repeater, Pattern W.5212	..	5699/45
Outfits :—		
ADA/B/E/F (rotets)—fitting out information	..	..
ANQ—fitting out information	..	*3553/44
ANR, AQP, ASB/D/R/S—modification No. 1—(summary of past modifications)	..	850/46
ANU—fitting out information	..	3455/47
ANU—improved aerial for Type 277Q—As. and As.	..	1815/47
AQB—control unit 20L—oil filler pipes	..	†282/46
AQB and AQQ—Pattern 13847 electric cable—introduction	..	2618/46
AQB and AQQ—replacement of earthing slip ring brushes	..	254/46
AQQ—fitting out information	..	1042/46
ASR, ASS and AQP—fitting out information	..	*1318/45
ATQ, ATR—retrospective fitting of "M" type transmission to Pattern W2429A coupling box	..	*4272/44
ATR—defect in wiring	..	*5451/44
ATS—fitting and maintenance	..	*5449/44
ATS—modification to training units—fitting of bearing repeaters and improved design of pedestal unit—sealing of Pattern W2900 junction boxes	..	*3842/43
ATT—continuous rotation	..	*4457/43, *592/44
ATT—introduction	..	*†65/45
ATU—fitting out information	..	*4324/43
AUK—azimuth stabilization motor—spare	..	2505/47
AUK—cruisers	..	4109/47
AUK—defects in elevation stabilizer	..	*†1638/45
AUK—Pattern 59894 box of spares	..	2063/46
AUK—return of containers	..	*2165/45
AUM and AUO—fitting out information	..	*1557/44
AUN—fitting out information	..	*582/45
Siting—As. and As.—reports	..	*3652/45
Release of photographs and films	..	†1899/45
Types 267W(2) and 267MW—non-magnetic APT aerial array	..	*†1502/45
		†479/46

Crystals :—

Marking	..	*†1089/43
Quartz crystals—demands	..	6251/46
Types 274/5—crystal CV103—burn out—reports	..	†70/47
Valves—testing, handling and stowage—precautions to be taken..		76/46

Displays :—

Apparatus in display rooms—fitting out information	..	*162/45
Apparatus in target indication rooms—fitting out information	..	*163/45,
		*3771/45
Fitting of remote Radar displays from warning sets	..	†174/47
Indicator units, designs H and N—modification when RTC is fitted	..	†1929/44
Interswitching of display panels—Type 274/5 and WS sets—As. and As.	..	†694/45, †1007/45
Interswitching of remote displays—Type 293/291M	..	3725/46

Outfits :—

JD/JE/JN—cables, Patterns 13937 and 13941	..	†1408/45
JD/JE/JN—modification	..	75/46
JD/JE/JN—revised nomenclature	..	4392/46
JD/JE/JN (P.P.I., H.P.I., azicator)—summary of modification	..	†66/47
JD/JE, JN, JK, JL, JM—introduction of Pattern 13941	..	4204/47
JE—addition of flexible drive for hand aligning	..	4921/45
JE—fitting out information	..	*1840/44
JE—modification	..	6127/46
JE—ranges obtained—reports	..	*2464/45
JE—use	..	2428/46
JE—use of, for bombardment	..	*†1154/44
JE—ventilation—As. and As.	..	†1117/45
JE—wandering of centre spot—correction	..	†1709/45
JE, 11A and 11B—modification to P.P.I., Design 24	..	5905/46,
		†134/47, †164/47

* } See notes on Title page.
† }

Displays—contd.
Outfits—contd.

Radar

JE.14B/C—Design 16—modification	.. .. .	3562/46
JE/JN—ventilation—As. and As.	.. .. .	1739/45
JF—fitting of reduction gearboxes to R.E.L. Assembly No. 6602	.. .. .	5079/45
JH1—fitting out information	.. .. .	*1868/45
JH2—fitting out information	.. .. .	*1869/45
JH2—sector selector, Pattern W.9084	.. .. .	*945/45
JJ1—fitting out information	.. .. .	*2317/45
JJ1—sector selector, Pattern W.9083—modification	.. .. .	*3367/45
JK—fitting out information	.. .. .	*4769/44
JK—labels	.. .. .	*1463/45
JK—modification to aerial change over and indicating unit, Pattern W.9553A when fitted with Types 281BQ/960/277	.. .. .	†353/46
JK—operation and adjustment	.. .. .	*†2586/44
JK—power supplied—230-volt, 50-cycle	.. .. .	*3528/45
JK—screens	.. .. .	*3036/44
JK—ventilation	.. .. .	5535/45
JL and JM—fast running auto-aligning contacts—modification	.. .. .	6671/46
JL/JM—fitting out information	.. .. .	*5392/45
JL/JM—modification No. 2—reduction of fire risk	.. .. .	†294/47
JR—fitting out information	.. .. .	2244/47
JS—fitting out information	.. .. .	6780/46
Radar display rooms—fitting out information	.. .. .	4979/46
Radar display—skiatron—summary of modifications	.. .. .	5208/46
Remote displays—auto aligning	.. .. .	†671/46
Remote displays—fitting out information	.. .. .	*†223/45, *†410/45
Responsibility for the control of the Radar display room	.. .. .	†55/47
Skiatron—burning of paxolin sheet in Pattern 55526A illuminator—modification No. 2	.. .. .	3948/47
Tolerable light intensity in vicinity of Radar displays sited in ALO and fire control rooms	.. .. .	†226/46
Warning Radar displays—graduation in miles	.. .. .	1675/46
Weather tight boxes—protection from blast	.. .. .	*†930/44
General :—		
Action information organization—communications between operations room and main armament—As. and As.	.. .. .	*1602/45
Admiralty Signal and Radar Establishment	.. .. .	4334/47
Aerial and gyro repeater, Pattern W.5212—lamp attachment	.. .. .	5699/45
Aircraft—ammunition—rockets—safe distance from ship's wireless and Radar transmitters	.. .. .	†718/44
Allocation of first fitting equipment	.. .. .	4456/47, 4457/47
Alterations and additions to fighting equipment of ships—reports	.. .. .	†429/45
Anomalous propagation—reports	.. .. .	†57/46, †222/46
Basic Fleet wireless organization	.. .. .	†111/47
Battery outfits BBd, BBe, BBh, BBj, BBk, BBl, BBm, BBn, BBu, BBw, BBy, BCd—fitting out information	.. .. .	2430/46
Calibration	.. .. .	*†666/44
Calibration—dihedral reflectors for ascertaining Radar index correction	.. .. .	*†1328/44
Calibration—reports	.. .. .	†87/46
Communication security—foreign officers and ratings	.. .. .	†121/47
Communications—control of air defence in a long range assault	.. .. .	†1454/45
Communications—improvement to sound powered telephone group associated with "F" buzzer line—As. and As.	.. .. .	†1827/44
Compartments accommodating metadyne and Radar power machines and associated apparatus—ventilation arrangements—reports	.. .. .	1959/44
Co-ordination of the use of radio equipment	.. .. .	†1687/45
Crystal valves—testing, handling and stowage—precautions to be taken	.. .. .	76/46
Decoy balloons—reports	.. .. .	*†987/44, *†1593/44
Detection of echoes through clutter	.. .. .	*1543/45
Disclosure of information	.. .. .	*†1031/44
Dressing ship—radio transmission precautions	.. .. .	595/46

* } See notes on Title page.
† }

General—contd.	
Electrical wireless and Radar cables—omission of cable cutters	7083/45
Electrotyc condensers—replacement	4747/45
Employment of W.S. Radar in small ships	†1308/45
Equipment on new construction—modifications	846/46
Fire-fighting—electrical apparatus	3271/46
Improvement fund—institution	2945/46
Information—disclosure to the public	*†1466/45
Instructions for photographing Radar trace	*†2197/44
Interservice communications—departmental use	*†2580/44, †1599/45
Interservice responsibility for the provision, manning and maintenance of Shore Radar Service	†185/47
Introduction of standardized nomenclature	†668/46
Loading of topmasts	*3575/44
Log books	*2635/45
Mast interlocks and hoist control valves—submarines	†880/45
Modernization of Radar equipment	*†1715/44
Modernization of ships in respect of aircraft direction rooms	*†184/45
"Naval Radio Review"—introduction	†265/47, †272/47
Office doors—damage from gun blast	*3314/44
Offices—clocks and watches—revised allowances	4024/46
Offices—dimming of lights	*1093/43, *4625/44
Offices—lagging and ventilation—As. and As.	*6420/42
Offices—removal of unnecessary gear—reports	*4608/45
Offices—ventilation—submarines—As. and As.	*†228/43, *†2461a/43
Operators—eye strain	*†761/43, *†349/44
Operators—warning to expect enemy shells on screen during action	*†1237/43
Peruvian waters—use of radio by ships	2044/47
Plotting—Chinagraph and "Blaisdell" type pencils—supply	847/46
Plotting—Plastigraph pencils—introduction and supply	6247/46
Policy in destroyers	†2366/44
Polythene cables	*812/45
Radar equipment—periodical reports	2701/47, 2702/47
Radar identification system, I.F.F., Mark 3—general policy	†466/46
Radio—battery cupboards—electric heating—As. and As.	*5786/44
Radio countermeasures—anti-Radar projectiles	*†754/45
Radio—coverage and field strength diagram	6963/46
Radio equipment inspectorate (contracts)—organization	4150/47
Radio equipment log—performance record sheets—introduction	1492/46,
	2825/46, 3585/46, 3903/46, 4746/46, 5594/46, 685/47, 1360/47,
	2575/47, 2598/47, 3043/47, 4227/47
Radio equipment—preservation when placed in state of care and maintenance	5678/46, 6012/46
Radio hazards	1639/47
Radio—lamps, electric, tungsten filament—replacement for lamps, incandescent, carbon filament, in interlock circuits on switches	5979/45
Radio office security notice—Form S.279—re-introduction	3282/46
Radio offices—method of painting	1152/47
Radio silence policy—considerations affecting decision on the policy to be ordered	†1471/45
Radio standardization programme	†1866/45
Recognition and identification—responsibility in ships	*†1487/45
Reports of surface actions—inclusion of Radar data	†573/45
Security of radio and "V/S special" equipment—policy	†231/47
Selsyn motors	*1095/43
Scale of supply of A.F.Os.	*6758/45
Shore stations—arrangements for supply and demand of gunnery and Radar components	†243/46
Shore stations—disposal of radio apparatus in U.K. when no longer required	3592/46
Shore stations—reports	*3916/45
Slydlok fuses—overheating in radio equipments	851/46
Target balloons	†162/46, 5897/46
Target indicating systems—main armament target indication—As. and As.	†1156/45
Target indicating systems—policy for fitting T.I.U., Mark II and interlinking units	†1192/45

* }
† } See notes on Title page.

General—contd.

Target indicating systems—surface relative plot near T.I.U., Mark II—As. and As.	1038/45
Torpedo control material—bearing communications—As. and As.	*†552/44
Torpedo control organization	†2503/44
Torpedo fire—Radar line of sight and torpedo course method	†1463/45
Training flotilla	3964/46
Use of navigation—reports	3563/46
Use of "Window" as anti-Radar measure	4275/45
Use of "Window" in routine air co-operation exercises	*†2616/43, *†2054/44
Vertical aircraft plots—fitting out information	*†356/45
V. H/F propagation—range and security—reports	*3039/45
War-time Radar experience	†1472/45
W.A. sets in aircraft carriers and F.D. ships	2036/46
Wireless and Radar—installation—fitting modifications	*†1874/43
Wireless and Radar—line of demarcation	*3522/45
Wireless and Radar—safety enclosures	*†660/44
	*4775/44

Gunnery :—

Action information organization—communications between operations room and main armament—As. and As.	†1602/45
Ammunition—shell, 8-in., 4-in., 6-in.—S.A.P. or practice—Radar ranging on splashes	†559/46
Anti-aircraft fire control :—	
Barrage director control system—barrage fire from A.A. armaments	†831/43
Communications—Radar interlinking units, Pattern 10754— As. and As.	†951/45, *†1192/45
Destroyer H.A./L.A. director (F.K.C.)—"L" and "M" class destroyers D.C.Ts.—fitting	*†1193/43
Drill and procedure—training of control officers in accurate estimation of aircraft height	†645/44
H.A.C.S.—additional communications—As. and As.	†832/43
H.A.C.S. and F.K.C. system—telephone communications	†1418/43
H.A.C.S. IV—Radar training the H.A.C.P.—As. and As.	†579/45
H.A.C.S., F.K.C. and barrage director control system— modifications	†319/46
H.A.C.S. gyro rate unit deflection oil units—range or time of flight dials	†2032/43
Long range drill and procedure—instructions for setting A.B.Us.	†1973/44 †306/47
Anti-Radar projectiles	
Anti-ship and anti-aircraft fire control—Radar gunnery com- munications—As. and As.	†220/46
Anti-ship fire control :—	
A.F.C. tables—R.T.U., Mark VII—modifications to facilitate tuning and calibration of Radar displays	†399/45 †351/47
Communications—fitting—As. and As.	†912/45
Communications—reception of Radar ranges—receivers range matching	*†1526/43 †359/44,
Communication star shell—As. and As.	†1168/44
D.C.Ts.—fitting auxiliary training handwheel—As. and As.	†1167/44 †2032/44
D.C.Ts.—position of gyro bearing indicator	†2654/43,
Drill and procedure—applying Radar straddle corrections	3165/43
Drill and procedure—position of range matching receivers	†581/45, †87/46
GS and GA Radar sets—bearing accuracy in blind fire—reports	†330/47
Introduction of Radar training sight for Type 285—As. and As.—reports	†636/45
Low angle blind fire in destroyers—position of Radar training tube—As. and As.—reports	
Miscellaneous control systems and instruments—fitting of range receivers at starshell deflection calculators—As. and As.	5860/43 †1599/44
Provision of Radar spotting tube—As. and As.—reports	

* } See notes on Title page.
† }

Gunnery—contd.	
Director firing gear—H.A.C.S. and H.A./L.A. directors, Mark IV—C.R. tube and beam switch converted—instructions for fitting	*†1828/42
Director firing system—H.A.C.S., Mark II, director—C.R. tube and beam switch converted—instructions for fitting	*†376/43
Director firing system—H.A.C.S. and H.A./L.A. directors, Marks III and III*—C.R. tube and beam switch converted—instructions for fitting	*†1936/42, *†253/43
Director firing system—H.A.C.S. director, Mark I—C.R. tube and beam switch converted—instructions for fitting	*†376/43
Drill for engaging low flying aircraft in blind Radar control	†2700/44
Gun mounting—40-mm. Bofors, twin Mark IV mounting—periodical lifting	†247/44
Gunnery inspection and acceptance trials	†360/47
L.A. fire control—range transmission units, Mark VII—supply of Pattern 10633 in lieu of Pattern 10634 for fitting in Radar office	†712/43
L.A. fire control—reception of Radar ranges—fitting of clock range transmitters to A.F.C. tables	*†1888/42, †533/43
Radar—introduction of standardized nomenclature	†668/46
Reception of Radar range instead of gun range on bridge	†295/46
Reflectors for gunnery targets	†162/46
Target indicating system—main armament target indicator—As. and As.	†1156/45
Target indicating system—policy for fitting T.I.U., Mark II, and interlinking units	†1192/45
Target indicating system—surface relative plot near T.I.U., Mark II—As. and As.	1038/45
Homing and Blind Approach :—	
Responsibility for maintenance	*1415/45
Restriction in the use of Type 251M/P by aircraft returning to a carrier	*†2049/44
Inspection and Trials :—	
Acceptance trials—new construction	2615/46
Technical inspection	1880/46
Interference :—	
Definition	*†1900/42
Instructional film—"Interference and jamming of Radar" (Serial No. B.870)	*5377/44, *2857/45
Screening and suppression—coastal force craft—fitting out information	3493/46, 4013/46
Suppression equipment—demanding procedure	*6596/45
Suppression equipment—method of fitting	3207/45
Type 86 V.H/F R/T—interference from	*†952/42, *†1137/42, *†1896/42
Type 285—interference to Type 86 and "Headache" receiver—reports	*†2387/43
Maintenance :—	
Assessment of radio maintenance manpower—points system	2205/46
Associated electrical and mechanical equipment—responsibility	†1732/45
Dressing ship—radio transmission precautions	595/46
Electrolytic condensers—replacement	4747/45
Equipment on new construction—modifications	846/46
Equipment—preservation when placed in state of care and maintenance	5678/46, 6012/46
Instructions for sealing pyrotenax cable	*3038/44
Instructions for sealing pyrotenax cable—fitting out information	*2234/44, *2501/44
Homing and beam approach beacons—responsibility	*1415/45
Lamps, tungsten filament—replacement for lamps, incandescent carbon filament, in interlock circuits on switches, drum type	5979/45, 4927/45
Lubricant for switches—introduction	2322/45, *6299/42
Maintenance tests	*2898/44
Polythene cables—protection from funnel gases	†1563/45
Radio maintenance rooms and stowage lockers—provision	*1316/45, 7195/46
Radio maintenance rooms—fitting out information	*4136/43
Report of defective equipment—Form S.1183	

* } See notes on Title page.
† }

Radio and Communications
Radar

Maintenance—contd.

Safety enclosures	
Slydlock fuses—overheating in equipments	*1775/44
Soldering	851/46
Strip connectors, Pattern 5S/1100	*3210/45
Transformers—filling with oil	*164/45
Type 242M/243Q	*56/45
Type 262—power supply outfit—fitting	2800/46
Type 262—"Pyrobit" soldering irons—introduction	*6891/45
Type 274/5—instruction for radio mechanics—pre-commissioning or on first fitting	3870/46
Type 282/3/4/5—A.C. supply outfits DVB/C/D/E	5531/46
Types 282/3/4/5—rotary capacity switches	*2632/44, 2429/46 *†663/44, *†664/44

Mobile Vans :—

Operational use—wireless and Radar vans	†1595/45
---	----------

Power Supplies :—

A.C. supply outfits :—

DPL, DUE, DUG	245/46
DUB, Pattern W.1099 board, 2AD upper—modification	5096/46
DUE and DUG—fitting out information	1814/47
DUF, DUR, DUW—Pattern W.5095 starter	2616/46
DUF, DUW—R.I.S. of motor alternators Patterns W.5087A, 5088A and 55269—replacement of condensers	2245/47
DUH—fitting out information	*2747/45
DUW—fitting out information	*1558/44
DUZ—fitting out information	*5391/45
DVD, DVE	*1971/44
DVE—Pattern W.4894 motor alternator—failure of flexible coupling	2429/46
DVG—fitting out information	*2097/44, *5667/44
DVH—fitting out information	1733/47
DVN—fitting out information	1734/47
DXA—fitting out information	2145/47
DXB—fitting out information	*5975/45
Types 293/M/P and 291/M—power supplies	†224/47

Ranging Outfits :—

RTA—fitting to control room P.P.I.—Type 267W—As. and As.	*5841/45
RTA/B/C/D/E—alterations to name plates of R.T.Us.	†1930/44, †409/45
RTA/B/C/D/E/F/G/H/J—allowances	†60/47
RTA/B/E—associated indicators—modifications	†1988/44, †2306/44
RTB—fitting out information	*6715/44
RTB—use	*†736/45
RTB/E—panel L.37, Pattern W.9081—transformer replacement	5393/45
RTD—fitted with Type 268	*1740/45
RTE—indicator unit JJ1—sector selector unit, Pattern W.9083—modification	*3367/45
RTF—fitting out information	*1868/45

Stores :—

Advice—Fleets and Establishments—alternative components to specified items of Radar outfits	432/45
Bearing repeaters Pattern W.5770—reports	1431/47
Capacitors—metal cased, tubular—introduction	1044/46
Cathode ray tubes, Pattern CV.961—disposal of unsuitable type	1464/46
Chairs for offices	684/46, 6588/46
Clocks and watches for radio and V/S purposes—revised allowances	4024/46
Combined operations craft and bases—Radar stores—revised allowances	†536/46
Complete radio equipments held in base pool stocks—bases in United Kingdom—revised accounting arrangements	3788/45
Defective Radar equipment—reports	3788/42, 4136/43
Display outfits JD/JE/JN—modification	75/46
Display outfit JE—addition of flexible drive for hand aligning	4921/45

* } See notes on Title page.
† }

Stores— <i>contd.</i>	
Disposal of radio equipment from ships reducing to reserve	5209/48
Electric cable:—	
Pattern 12702—introduction	6730/44
Pattern 12704—introduction	1587/45
Pattern 12717—introduction	3054/45
Pattern 12731—introduction	2773/45
Patterns 12734 and 12735—introduction	2463/45
Patterns 12738, 12739 and 12741—introduction	4479/45
Pattern 13470—introduction	6731/44
Patterns 13471 and 13472—introduction	5206/44
Pattern 13484—introduction	467/44
Pattern 13492—introduction	5576/44
Pattern 13844—introduction	2478/45
Pattern 13845—introduction	74/45
Pattern 13847—for Radar, Type 960, and aerial outfits	
AQB/Q—introduction	254/48
Pattern 13952—introduction	3570/34
Types 282/3/4/5 and Types 274/5	*†2150/44
First outfit of spares—supply	3209/45
Fuse wire—introduction of new range	3885/46
Installations in shore establishments—gunnery and Radar components—supply	†243/46
Mersey area—control of Radar stock	4768/44
Modifications to existing radio equipments—procedure for supply of stores—reports	4205/47
Naval stores supplied to Canada—consigning instructions	4793/44
Obsolete Radar stores—disposal	3118/43, 6895/44, 57/45, 433/45, 587/45, 1256/46
Pattern 1253, lubricant for radio apparatus switches—transfer from Class E, Group 7(b) to Class E, Group 9	6574/46
Plotting—Plastigraph pencils—introduction and supply	6247/46
Polish, perspex, No. 2, Pattern 739—transfer from Class E, Group 7(b) to Class E, Group 12	6575/46
Polythene cables	812/45
P.P.I. cables, Patterns 13937 and 13941	†1408/45
Quartz crystals—demands	6251/46
Radar installations—cables, electric	*3559/44
Radar reflecting flags for Fleet danlayers—use with Types 271Q and 268	444/46
Radar stores—disposal of returns	2318/47
Radar stores—stowage	4796/44
Radio apparatus—lubricant for switches	2322/45
Radio components—inter-service reference numbers and catalogues	1077/45
Radio equipment (British)—disposal of pool stocks in the United Kingdom	3875/46
Radio equipment in ships—return of defective stores	2320/47
Radio equipment—method of obtaining first fitting stores	3950/47
Radio equipment—mutilation before disposal	†583/46
Radio equipment—return of special packing cases	5541/45
Radio equipment, surplus—disposal	3768/46
Radio interference suppression equipment—A.P. 19433A, A.P. 19437A and A.P. 19411—introduction	†2228/42, 5757/43
Radio interference suppression equipment, subhead F2B—demanding procedure	6596/45, 3493/46
Radio—reports of surpluses for disposal	3826/45, 5518/46
Radio stores—additions of new patterns to authorized list	6964/46, 202/47
Radio stores—allowances	†536/46
Radio stores—sources of supply	1467/45
Reflecting balloon cover for windfinding by Radar	†64/47
Surplus stores abroad—disposal	6025/46
Transport of radio valves and cathode ray tubes	835/45
Waveguide stores for Types 276/7/293	*†202/44
Wireless and Radar—installation—fitting modification	*3522/45
Wireless valves and cathode ray tubes contaminated by sea water—treatment necessary to make serviceable	*57/42
Wooden crates for radio valves—return	*3144/42

* } See notes on Title page.

Teacher Outfits :—

HRA—modification		
HRB for gunnery sets		
HRD—introduction and fitting—reports		
HRE—interception trainer—introduction—As. and As.		*3988/44
Types 277/P, 293/M/P—panels L37 and L43		†326/47

Test Equipment :—

Avometers, Patterns 47A and 48A—cells, Pattern 14120—introduction		
Oscillator G.205, Pattern W.7252—test outfits TOK/T—with- drawal from service if fitted with valve CV.1972		4497/45
Oscillators G.208/9/10—replacement of valve CV.90		4266/46
Outfit TOC—testing and calibrating instruments—modification		1685/46
Radio test equipment—repairs		*964/43
Range calibrator, Design 2—Handbook—B.R. 1449 (Restricted)— issue		6013/46
Test set S.E.2		1716/46
Type 286/291—testing equipment		*3521/45
Waveguide wattmeter, Pattern W.2783—calibration		*1554/44
Wavemeter G.82A, Pattern W.3219A—modification		†648/45
Wavemonitor G.89—Handbook—B.R. 1432—issue		*1075/45
Wavemonitor G.302—incorrect wiring of Pattern 58463 trans- former		884/46
Wee meggers—revised allowances		†379/46
		*2763/43

Tools :—

Outfits for Radar and W/T purposes		*1744/45, *4467/45
Tool for spark gap—Type 274/5		2025/45

Training :—

Courses :—

Basic courses for non-technical officers		*†2786/44, *†385/45, 63/47
Instruction for destroyer G.C.Os. and 1st lieutenants		*1823/44
New or projected Radar equipment in ships—instructional facilities available to torpedo and electrical officers		1840/46
Pre-commissioning training—action information organization and associated technical subjects		*†426/45, †224/46
Pre-commissioning training—airial control systems		†543/46
Radio mechanics—general service—training and refresher courses while in depôts		*7347/45
R/T—equipment for training in use		2985/46, 4395/46
Short refresher courses for Radar officers		*†963/44, †79/47
Type 931—courses—officers and ratings		*1688/45

Films :—

"ASV X, Part I"—applicable to ASV, Mark XI, as in- stalled in naval aircraft		*†762/44
"Alternating current"—Parts 1-5—(serial No. SA.317)		3250/47
Instructional films and film strips for gunnery and recognition training		4322/47
List of instructional films		*†1027/43, *†1741/43

General :—

Radio mechanics—conditions of service, pay and advance- ment—reports		*1261/44, 1549/45, 7345/45, †132/46, 632/46, 1223/46, 1224/46, 4228/46
---	--	---

Syllabus of training in electrical subjects for naval cadets in a training cruiser and midshipmen in the Fleet		469/47
---	--	--------

Type 274/5—fire control instruction and Radar maintenance training for R.C. ratings and radio mechanics before com- missioning or on first fitting		5331/46
--	--	---------

Ratings :—

Radar plot ratings—syllabi of training		†16/47, †38/47, †122/47
Radio warfare—training of ratings		†299/47
R.Cs. and R.Ps.—courses and transfers		988/46, 989/46
R.Cs. and R.Ps.—training at sea—reports		5870/46
R.Ps.—opportunity for attaining warrant rank		

* } See notes on Title page.
† }

Types 242/3/4, 251/3/7 :—

242/M/P/Q :—	
Aerial outfit, ANR—fitting out information	*6282/45
Aerial outfits, ASD, ASH	*2750/45
Aerial outfits ASR, ASS and AQP—fitting	*4272/44
Aerial outfit ASS—introduction	*†440/44
ANR, AQP, ASB/D/R/S—modification No. 1—(summary of past modifications)	3455/47
Fitted with 271/2/3—aerial outfit AQP—introduction	*2500/44
Fitted with 271/2/3/P/PR/Q/QR — overloading of power supplies—As. and As.	*†1440/45
Fitted with 273Q/QR—control of aerials	*3850/44
Fitted with 273Q/QR—power supply—modification	*4770/44
Fitted with 277/293 and display outfits JH(1) and JH(2)—modification	†223/45
Fitting out information—Type 242	848/46
Fitting out information—Type 242M	*4514/44, 4982/46
Fitting out information—Type 242Q	3788/47
Performance meter, Design 2—fitting out information	*1194/45
Pyrotex cable—cable seals and sealing instructions	*2234/44
Transmitter and pre-amplifier unit—operation	*1583/45
Transmitter 7AD, Pattern W.4832A—spare condenser, Pattern W.2319	3529/45
W.C. sets—fitting	*†31/44
243 :—	
Pattern W.3909 socket—modification	*†2336/43
Pyrotex cable—cable seals and sealing instructions	*2234/44
243M :—	
Aerial outfit ASC—modification	*†1088/43
Detection of "Walter" transmission on	*†962/45
Failure of transformer in responder R.3118	*69/44
Fitted with 79M/279M—replacement of cathode ray unit Design "A" by Design "B"	*†2016/42
243Q :—	
Aerial outfit AQP and ASS	*†925/45
Detection of "Walter" transmission on	*†962/45
Fitting out information	*6718/44, *6283/45
Introduction	*†2310/44
Maintenance	2800/46
Overheating	*4626/44
Performance meter, Design 2—fitting out information	*1194/45
251 :—	
Aerial outfit ATU	*1829/43
Fitting out information	790/40
251M :—	
Aerial outfit ATU—modification to dipole group, Pattern W.3403A	*4320/45
Aerial outfit ATU	*1829/43
Power supply boards, Patterns W.2585A, W.2586A and W.4575	*3445/43
Responsibility for maintenance	*1415/45
Restriction in the use of by aircraft returning to a carrier	†2049/44
Testing equipment	*1554/44
251MS :—	
A.C. supply outfit DUT	*5083/45
Introduction	*†2757/44
251P :—	
Aerial outfit ATU—fitting out information	2505/47
Restriction in the use of by aircraft returning to a carrier	†2049/44
Removal	†23/46

* } See notes on Title page.
† }

Types 242/3/4, 251 '3/7—contd.

253/M/MV/P/Q/QW :—

A.C. supply outfit DXB—fitting out information	5975/45
Aerial outfit AST—fitting and siting—As. and As.	*†562/44, *†963/45
Calibration of wavemeters and tuning	.. .. .
Coding	.. .. .
Conversion of 253 to 253P—fitting	.. .. .
Fitting out information—Type 253	.. .. .
Modification No. 1—(summary of past modifications)	.. .. .
Power supplies—As. and As.	.. .. .
Pyrotenax cable—cable seals and sealing instructions	.. .. .
Remote control	.. .. .
Removal of detonators	.. .. .
Test set 74A, A.M. Ref. 10SB/160	.. .. .
W.C. sets—fitting	.. .. .
257 :—	
Fitting out information	.. .. .
Responsibility for maintenance	.. .. .
257M/MS/S :—	
Discontinuance of fitting and removal of sets already fitted	.. .. .

Type 262 :—

262 :—

Magnet keepers	.. .. .
Maintenance requirements of Types 262 (1) and (2), including power supply outfit DXC—fitting-out information	.. .. .
Modification No. 1—reports	.. .. .
Power supply outfit—maintenance—fitting	.. .. .
“Pyrobit” soldering irons—introduction	.. .. .
Ranging outfit RTB—fitting out information	.. .. .
Target indicating system—policy for fitting Mark II and inter-linking unit	.. .. .
Target indicating system—use of ranging outfit R.T.B.	.. .. .
Testing outfits TOA/B/C—wavemonitor G.302, Pattern 55870—incorrect wiring of Pattern 58463 transformer	.. .. .

Type 267 :—

267 :—

Air conditioning unit, Patterns W.8828, W.8828A, W.8821, 53177 and 55115	.. .. .
Magnet keepers	.. .. .

267W :—

Aerial outfit APT—fitting	.. .. .
A.C. supply outfit—Pattern W.5095 starter	.. .. .
C.R. unit, design 21—modification	.. .. .
Control room—rearranged layout—As. and As.	.. .. .
Display outfits JE, 11A and 11B—modification to P.P.I., Design 24.. .. .	.. .. .
Fitting—As. and As.	.. .. .
Fitting of triplex glass plate over P.P.I. in chart tables	.. .. .
Modifications to units, ventilation of units, panels and P.P.I.s in Radar office and control room—As. and As.	.. .. .
Non-magnetic APT aerial array	.. .. .
Panel 3BD—modification	.. .. .
Pattern 58413 stand for display unit—modification	.. .. .
Radar masts and periscope—lubrication—As. and As.	.. .. .
Ranging outfit RTA—fitting to control room—As. and As.	.. .. .
Test set SE2, Pattern W.5799	.. .. .
Transmitter and pre-amplifier units (V.H/F units) designs 2 and 3, A.P. W.9925/A/B and 55769, and rectifier units design 43, A.P. W.9926—modifications	.. .. .
Use of panel 3BJ and gain control unit, design 2 with transmitter and pro-amplifier unit, design 3, Pattern 55769	.. .. .
Use of valves CV.510 and CV.511 in lieu of valve CV.509	.. .. .
Valves, crystal, CV.253 and CV.111, and valves, electronic, CV.289 and CV.115—non-inter-changeability	.. .. .
Vibrations of mast	.. .. .

* } See notes on Title page.
† }

Type 267—contd.

267MW :—

A.C. supply outfit—Pattern W.5095 starter	2616/46
C.R. unit, design 21—modification	*2751/45
Control room—rearranged layout—As. and As.	†672/46
Display outfits JE, 11A and 11B—modification to P.P.I. design 24	5905/46, †134/47
Fitting of Triplex glass plate over P.P.I. in chart tables	†1637/45
H/F aerial attachment to A.N.F. mast—As. and As.	†1802/45
Non-magnetic APT aerial array	†479/46
Panel 3BD—modification	*2318/45
Pattern 58413 stand for display unit—modification	*2748/45
Provisional Handbook—R.R. 1444(1) and (2)—issue	1065/46
Radar masts and periscope—lubrication—As. and As.	2087/47
Ranging outfit RTA—fitting to control room P.P.I.—As. and As.	*5841/45
Test set S.E.2, Pattern W.5799	3521/45
Transmitter and pre-amplifier units (V.H/F units) designs 2 and 3, A.P. W.9925/A/B and 55769, and rectifier design 43, A.P. W.9926—modifications	†176/47
Use of panel 3BJ and gain control unit, design 2, with transmitter and pre-amplifier unit, design 3, Pattern 55769	†247/47
Use of valves CV.510 and CV.511 in lieu of valve CV.509	5570/44
Valves, crystal, CV.253 and CV.111, and valves, electronic, CV.289 and CV.115—non-interchangeability	7304/46
Vibrations of mast	†646/46

267PW/QW :—

A.C. supply outfit—Pattern W.5095 starter	2616/46
Control room—rearranged layout—As. and As.	†672/46
Display outfits JE, 11A and 11B—modification to P.P.I. design 24	5905/46, †134/47
Electric cables—Patterns 12897, 12898, 12899 and 12900—introduction	5240/45
Fitting—As. and As.	†386/47
Radar masts and periscope—lubrication—As. and As.	2087/47
Transmitter and pre-amplifier units (V.H/F units) designs 2 and 3, A.P. W.9925/A/B and 55769, and rectifier unit design 43, A.P. W.9926—modification	†176/47
Use of panel 3BJ and gain control unit, Design 2, with transmitter and pre-amplifier unit, Design 3, Pattern 55769	†247/47
Use of valves CV.510 and CV.511 in lieu of valve CV.509	5570/44
Valves, crystal, CV.251 and CV.111, and valves, electronic, CV.289 and CV.115—non-interchangeability	7304/46
Vibrations of mast	†646/46

Type 268 :—

268 :—

A.C. supply outfits DUF, DUR and DUW—Pattern W.5095 starter	2616/46
Aerial and gyro repeaters associated with ATM and D.R., Mark I, compasses	3878/46
Aerial wiring—modification	†327/47
Air conditioning unit, Patterns W.8828, W.8828A, W.8221, 53177 and 55115	*2319/45
Fitting—As. and As.	†299/46
Fitting out information	*3041/45
Fitting of reduction gearboxes to P.P.I. chassis REL assembly No. 6602	5079/45
Hire to merchant ships	1041/46
Interswitching of Type 242	†202/47
Merchant vessels—fitting out information	*5078/45
Phase changer, AP.7729—introduction	*4922/45
Ranging outfit RTD	*1740/45
Reflecting flags for Fleet danlayers	444/46

* } See notes on Title page.
† }

Type 268—contd.

268U :—

A.C. supply outfits DUF, DUR and DUW—Pattern W.5095 starter	
Aerial and gyro repeaters associated with ATM and D.R., Mark I, compasses	2616/46
Capacitor, Canadian Ref. REL. 26291—replacement	3878/46
Fitting of reduction gearboxes to P.P.I. chassis REL assembly No. 6602	3458/47
Fitting out information	5079/45
Retrospective fitting of Radar, Type 268U, and ancillary equipment in "D" class Fairmile M.T.Bs.	*6440/44
	†482/46

Types 271/2/3 :—

271/M/P/PR/Q/QR :—

Aerial matching unit—modification	*6423/42
Aerial lanterns—spare perspex windows	*1789/42
Addition of anti-wave clutter unit	*165/45
Amplifiers M.59 and M.70—modification	*2764/44, *3313/44
Amplifier M.59, Pattern W.3941A	*†29/44
Amplifier M.59, Pattern W.3941—conversion to amplifier M.59A, Pattern W.3941A	2162/45
Anti-aircraft fire control—communications—Radar inter-linking units, Pattern 10754—As. and As.	*†951/45
Anti-ship fire control—communications (Radar)—As. and As.	†1191/43
Anti-ship fire control—Radar gunnery	†220/46
Canvas covers for lantern	*†1600/42
Crystal protection unit	*†1089/43, *†2669/43
Cylindrical perspex lanterns, Patterns W.6925 and W.7856—prevention of reflection of light	*†1589/43
Cylindrical perspex lanterns, Patterns W.6925 and W.7856—repair	*4455/43
Direction indicators—outfit JA and gyro verticals—stabilized aerial outfit AUH	*5920/42
Effect of rigging	*†1867/43
Fitted with 242—aerial outfit AQP—introduction	*2500/44
Fitted with 242—overloading of power supply outfits—As. and As.	*†1440/45
	*2362/44
Fitting of leads to aerial system	
Indicator units, designs H and N—modification when RTC is fitted	†1929/44
L.A. fire control—reception of Radar ranges—fitting of clock-range transmitters to A.F.C. tables	*†1888/42, *†533/43
	*1464/45
Local oscillator circuit—modification	*3203/45
Magnet keepers	*5450/44
Modulator—failure of condenser, Pattern 5001	*†1003/43
Offices—increase in size—As. and As.	*†1209/43
	*†2107/43
Panel L.20—calibration	
Panel L.20—modification	
Power supply boards, Patterns W.2585A, W.2586A and W.4578	*3445/43
Ranging outfits RTA/B/E and associated indicators—modifications	†1988/44, †2306/44
	4609/45
Receiver rectifier unit—replacement of transformer	3529/45
Receiver P.51, amplifiers M.59, Pattern W.3941A, and M.70, Pattern W.8345—spare condensers	6580/44
	444/46
Rectifier units in receiver panels—modification	*†1047/44
Reflecting flags for Fleet danlayers	*†546/42
Retrospective fitting of Pattern W.3977B transformer	*6439/44
Simple director—binoculars for use with	*5111/43
Transformers, Patterns W.3973 and W.3974	*1075/45
Valves—examination of cathode ray tubes, CV.1097	
Wavemeter G.82A, Pattern W.3219A—modification	

* } See notes on Title page.
† }

Types 271/2/8—contd.
272/M/P/PR :—

Aerial matching unit—modification	*6423/42
Aerial lanterns—spare perspex windows	*1789/42
Anti-aircraft fire control—communications—Radar inter-linking units, Pattern 10754—As. and As.	*†951/45
Anti-ship fire control—Radar gunnery	†220/46
Canvas covers for lantern	*†1600/42
Fitted with 242—aerial outfit AQP—introduction	*2500/44
Fitted with 242—overloading of power supply outfits—As. and As.	*†1440/45
L.A. fire control—reception of Radar ranges—fitting of clock-range transmitters to A.F.C. tables	*†1888/42
Lattice foremast to accommodate set—fitting—As. and As.	*†533/43
Local oscillator circuit—modification	*†1662/43
Magnet keepers	*1464/45
Modulator—failure of condenser, Pattern 5001	*3203/45
Power supply boards, Patterns W.2585A, W.2586A and W.4578	*5450/44
Ranging outfits RTA/B/E and associated indicators—modifications	*3445/43
Replacement by 277—As. and As.	†1988/44
Replacement by 293—As. and As.	†2306/44
Valves—examination of cathode ray tubes, CV.1097	*6299/44
Wavemeter G.82A, Pattern W.3219A—modification	†1251/44
	*5111/43
	*1075/45
273/M/P/PR/Q/QR :—	
Aerial matching unit—modification	*6423/42
Aerial lanterns—spare perspex windows	*1789/42
Addition of anti-wave clutter unit	*165/45
Amplifier M.59, Pattern W.3941A	*†29/44
Anti-aircraft fire control—communications—Radar inter-linking units, Pattern 10754—As. and As.	*†951/45
Anti-ship fire control—Radar gunnery	†220/46
Canvas covers for lantern	*†1600/42
Crystals	*†1089/43
Crystal protection unit	*†2669/43
Cylindrical perspex lanterns, W.6925 and W.7856—repair	*4455/43
Cylindrical perspex lanterns, Patterns W.6925 and W.7856—prevention of reflection of light	*†1589/43
Direction indicators—outfit JA and gyro verticals—stabilized aerial outfit AUH	*5920/42
Fitted with 242—aerial outfit AQP—introduction	*2500/44
Fitted with 242—control of aerials	*3850/44
Fitted with 242—power supply—modification	*4770/44
Fitted with 242—overloading of power supply outfit—As. and As.	*†1440/45
Indicator units, designs H and N—modification when RTC is fitted	†1929/44
L.A. fire control—reception of Radar ranges—fitting of clock-range transmitters to A.F.C. tables	*†533/43
Local oscillator circuit—modification	*1888/42
Magnet keepers	*1464/45
Modulator—failure of condenser, Pattern 5001	*3203/45
Offices—increase in size—As. and As.	*5450/44
Panel L.20—calibration	*†1003/43
Panel L.20—modification	*†1209/43
Power supply boards, Patterns W.2585A, W.2586A and W.4578	*†2107/43
Ranging outfits RTA/B/E and associated indicators—modifications	*3445/43
Receiver rectifier unit—replacement of transformers	†1988/44
Receiver P.51, Pattern W.3940, amplifiers M.59, Pattern W.3941A, and M.70, Pattern W.8345—spare condensers	†2306/44
Rectifier units in receiver panels—modification	4609/45
Retrospective fitting of Pattern W.3977B transformers	3529/45
Stabilizer unit	6580/44
Transformers, Patterns W.3973 and W.3974	*†1047/44
Valves—examination of cathode ray tubes, C.V.1097	*5755/43
Wavemeter G.82A, Pattern W.3219A—modification	*6439/44
	*5111/43
	*1075/45

* } See notes on Title page.
† }

Types 274/5 :—

274 :—

A.C. supply outfit DUB, Pattern W.1099 board 2AD upper— modification	
Aerial outfits AUM and AUO—fitting out information	5096/46
Air conditioning unit, Patterns W.8828, W.8828A, W.8821, 53177 and 55115	582/45
Ammunition, 8-in., 4-in., 6-in., S.A.P. and practice—Radar ranging on splashes	*2319/45
Anti-jamming measures	†559/46
Anti-ship and anti-aircraft fire control—Radar gunnery	†262/46
Anti-ship fire control—communications—Radar observation of fall of shot—As. and As.	†99/45, †220/46
Anti-ship fire control—drill and procedure—blind Radar training—reports	†1598/44
Anti-ship fire control—GS and GA Radar sets—bearing accuracy in blind fire—reports	†634/45
Anti-ship fire control—RTU, Mark VII, Pattern 10633 fitted to panel L.31—modification	†581/45, †87/46
Crystal, CV103—burn out—reports	†261/45
Electric cables	†70/47
Fire control—fire at unseen target—terms to be used	†2150/44
Fitting out information	†1314/45
Interswitching of display panels—As. and As.	*5370/43, *5919/44
Magnet keepers	†694/45, †1007/45
Modifications	*3203/45
Oscillators G.208/9/10—replacement of valve CV.90	†2805/44
Panel L.31—modifications	1685/46
Panel L.32 (bearing)—replacement of control unit valve	6892/45
Ranging panel L.31—policy for fitting	†1364/45
Receiver P.54, Pattern W.8006, amplifiers M.77, Pattern 53633, and M.78, Pattern 53634—spare condensers, Pattern W.2319	*†1754/44 3529/45
Receiver rectifier unit—replacement of transformers	4609/43
Spotting boxes, Pattern 10757	†1105/44
Target indicating system—policy for fitting T.I.U., Mark II, and interlinking units	*†1192/45
Time base unit, Design M, Pattern W.7047 (unit K)— modification	†742/45 2025/45
Tool for spark gap	
Training—fire control instruction and Radar maintenance training for R.C. ratings and radio mechanics before com- missioning or on first fitting	5331/46 *†202/44, *†933/44
Waveguide stores	

275 :—

Aerial outfits AUS and ASW—fitting	*3555/44
Air conditioning control panel—resilient mounting	375/47
Ammunition, 8-in., 4-in., 6-in., S.A.P. and practice—Radar ranging on splashes	†559/46
Anti-ship and anti-aircraft fire control—drill and procedure— experience gained in "Barfleur" trials of the Mark VI director	†1662/45 †99/45, †220/46
Anti-ship and anti-aircraft fire control—Radar gunnery	†581/45, †87/46
Anti-ship fire control—GS and GA Radar sets—bearing accuracy in blind fire—reports	†70/47 †2150/44
Crystal, CV103—burn out—reports	†1314/45
Electric cables	†2801/46
Fire control—fire at unseen target—terms to be used	790/40, *4985/43, †1007/45
Fitting out information	†694/45, †1007/45
Interswitching of display panels—As. and As.	3205/45
Lining up	*3203/45
Magnet keepers	4295/47
Modification No. 1—schedule of past modifications	1685/46
Oscillators G.208/9/10—replacement of valve CV.90	

* } See notes on Title page.
† }

Types 276/7/298—contd.
276—contd.

Receiver P.51, amplifiers M.59 and M.70—spare condenser	3529/45
Receiver P.51, Pattern W.3940—mounting	
Receiver, rectifier unit—replacement of transformer	*3556/44, *4772/44
Rectifier units in receiver panels—modification	4609/45
Removal of perspex front from aerial reflectors	6580/44
Soundproof cabinet, Pattern W.7556—fitting of baffle,	*†2050/44
Pattern 54477 or 57136	
Standing wave ratio indicators, Patterns 56807 and 57156—	*4934/44
supply	
Value of H.T. voltage	
Valve CV.12	*3774/45
Valves—CV.83 and CV.193—modification to increase life	*†168/45
Valves—examination of cathode ray tubes CV.1097	3949/47
Waveguide stores	*†836/44
Waveguide wattmeter, Pattern W.2783—calibration	†202/44, *†933/44
Wavemeter G.82A, Pattern W.3219A—modification	†648/45
	*1075/45
277/A/AM/F/P/Q/S/T :—	
A.C. supply outfit DUG—provision of duplicate alternators—	
As. and As.	
Action information organization—As. and As.	3653/45
Aerial control table—fitting of larger aerial training control	†1662/45
handwheel	
Aerial control table—replacement of follow up switches	5537/45
Aerials—cruisers	583/45
Aerial matching units, Pattern 56773—fitting..	3575/44, †1638/45
Aerial outfit AUK—azimuth stabilization motor—spares	3773/45
Aerial outfit AUK—defects in elevation stabilizer	4109/47
Aerial outfit AUK—Pattern 59894 box of spares	2063/46
Aerial outfit AUK—Pattern 58257 box of parts for radiation	*2165/45
meter slip ring modification	2617/46
Aerial outfit AUK—return of containers	1557/44
Aerial stabilization	†2629/44
Air conditioning unit, Pattern W.8828/A—failure of heaters—	
modification to board 2 AM	5783/44, 2027/45
Air conditioning units—Patterns W.8828, W.8828A, W.8221,	
53177 and 55115	*2319/45
Air conditioning unit, Pattern W.8828—replacement—	
reports	5227/45
Amplifiers M.59 and M.70	*2764/44, *3313/44
Anti-ship fire control—drill and procedure—use of T.I.U.	
and panel L.37 for marking throw off and throw short	
firings—reports	†1232/45
Anti-wave clutter unit—conversion of Pattern 53040 to	
Pattern 55758	†2585/44
Associated displays—issue of information	*3775/45
Conversion to 277P—As. and As.	†372/47
Display outfit JK—aerial change over and indicating unit,	
Pattern W.9553A—modification	†353/46
Fitted with 242M—display outfits JH(1) and (2)—modifica-	
tion	†223/45
Fitting of auxiliary hand drive—As. and As.	4723/46
Fitting out information	*2634/44
Follow up switch, Pattern W.7844	†928/44, 3164/44
Improved aerial—As. and As.	†282/46
Indicator units, Designs H and N—modification when RTC	
is fitted	†1929/44
Magnet keepers	*3203/45
Manometer and hygrometer—fitting	6853/44
Marking of switches	*2753/45
Mica waveguide seal	*2320/45, 2026/45
Modulator 3BA—replacement of transformer (variac)	4984/46
Modulator panel 3AT/BA—Pattern 57069 choke	4160/45
Office noise reduction—ventilation of modulator 3BA—	
modifications	3383/46

* } See notes on Title page.
† }

Types 276, 7/293—contd.

277/A/AM/F/P/Q/S/T—contd.

Offices—ventilation	*†2724/43, 2605/45
Oscillators G.208/9/10—replacement of valve CV.90	1685/48
Output unit SE.2, Pattern W.6965—change of gas switch valve	*†1122/44
Panel 3BA and transmitter 9T—pulse lead	2604/45
Panels L37 and L43	2504/47
Pulse transformer, Pattern W.4815—replacement	4159/45
Ranging outfits RTA/B/E and associated indicators—modification	†1988/44, †2306/44
Receiver P.51, amplifiers M.59 and M.70—spare condensers	3529/45
Receiver P.51, Pattern W.3940—mounting	*3556/44, *4772/44
Receiver rectifier unit—replacement of transformer	4609/45
Rectifier units in receiver panels—modification	6580/44
Remote control—fitting out information	*3042/45, 447/46
Replacement of 272	*6299/44
Soundproof cabinet, Pattern W.7556—fitting of baffle, Pattern 54477 or Pattern 57136	*4934/44
Standing wave ratio indicators, Patterns 56807 and 57156—supply	*3774/45
Thermo-couple unit, Pattern 56828	4924/45
Transformer 4KVA, Pattern W.5531/A	*2765/44
Type 277Q (including aerial outfit ANU)—fitting out information	1815/47
Use	*†1184/45, *1198/45
Value of H.T. voltage	*†168/45
Valve CV.12	3949/47
Valves—CV.83 and CV.193—modification to increase life	*†836/44
Valves—examination of cathode ray tubes CV.1097	*5111/43
Waveguide dryer	†1285/44
Waveguide stores	†202/44, *†933/44
Waveguide wattmeter, Pattern W.2783—calibration	†648/45
Wavemeter G.82A, Pattern 3219A—modification	*1075/45

293/M/P/Q :—

A.C. supply outfit DUG—provision of duplicate alternators—As. and As.	3653/45
A.C. supply outfit DPB	*6581/44
A.C. supply outfit DPB—provision of duplicate alternators—As. and As.	2164/45
A.C. supply outfit DPB—replacement of starters, Pattern 7511A	3287/47
Aerial matching unit, Pattern 56773—fitting	3773/45
Aerial rotation speeds—reports	†1365/45
Aerial stabilization	†2629/44
Air conditioning unit, Pattern W.8828/A—failure of heaters—modification to board 2AM	5783/44, 2027/45
Air conditioning units, Patterns W.8828, W.8828A, W.8221, 53177 and 55115	*2319/45
Air conditioning unit, Pattern W.8828—replacement—reports	5227/45
Amplifiers M.59 and M.70	*2764/44, *3313/44
Anti-ship fire control—drill and procedure—use of T.I.U. and panel L.37 for marking throw off and throw short firings—reports	†1232/45
Anti-wave clutter unit—conversion of Pattern 53040 to Pattern 55758	†2585/44
Associated displays—issue of information	*3775/45
Control table 20H—fitting of Pattern 57119 starter (contactor)	448/46
Control table 20H, Pattern W.8857	1076/45
Control tables AUJ, AUR and AQR—replacement of follow up switches	2752/45
Conversion to 293M—As. and As.	†693/45
Conversion to 293P—As. and As.	†372/47
Fitted with 242M, display outfits JH(1) and (2)—modification	†223/45
Fitting of auxiliary hand drive—As. and As.	4723/46

* } See notes on Title page.

Types 276/7/293—contd.

293/M/P/Q—contd.

Fitting out information	..	
Fitting out information for 293Q	..	
Follow up switch, Pattern W.7844	..	†928/44, *3041/44, 4011/46
Indicator units, Designs H and N, when RTC is fitted— modification	..	1432/47 3164/44
Lattice foremast to accommodate set—fitting—As. and As.	..	†1929/44
Magnet keepers	..	†1662/43
Manometer and hygrometer—fitting	..	*3203/45
Marking of switches	..	6853/44
Mica waveguide seal	..	*2320/45, *2753/45
Modulator 3BA—replacement of transformer (variac)	..	2026/45
Modulator panel 3AT/BA—Pattern 57069 choke	..	4984/46
Office noise reduction—ventilation of modulators 3BA— modification	..	4160/45
Offices—ventilation	..	3383/46
Oscillators G.208/9/10—replacement of valve CV.90	..	*†2724/43, 2605/45
Output unit SE.2, Pattern W.6965—change of gas switch valve	..	1685/46
Panel 3BA and transmitter 9T—pulse lead	..	*†1122/44
Panels L37 and L43	..	2604/45
Pedestal 19U—leakage of oil	..	2504/47
Pedestal 19U—mica spiders—fitting	..	4923/45
Pedestal 19U—replacement of DTD.44D oil by heavier oil	..	*†1431/44
Policy in destroyers	..	*†1766/44
Power supplies	..	†2366/44
Pulse transformer, Pattern W.4815—replacement	..	†224/47
Ranging outfits RTA/B/E and associated indicators— modification	..	4159/45 †1988/44, †2306/44
Receiver P.51, amplifiers M.59 and M.70—spare condenser	..	3529/45
Receiver P.51, Pattern W.3940—mounting	..	*3556/44, *4772/44
Receiver rectifier unit—replacement of transformer	..	4609/45
Rectifier units in receiver panels—modification	..	6580/44
Remote display—interswitching with 291	..	3725/46
Replacement of Pattern W.7281 tuning unit for radiation meter by Pattern 56168 thermo-couple unit	..	1686/46
Soundproof cabinet, Pattern W.7556—fitting of baffle, Pattern 54477 or Pattern 57136	..	*4934/44
Standing wave ratio indicators, Patterns 56807 and 57156— supply	..	*3774/45 *2765/44
Transformer 4KVA—Pattern W.5531/A	..	*†168/45
Value of H.T. voltage	..	3949/47
Valve CV.12	..	*†836/44
Valves CV.83 and CV.193—modification to increase life	..	*5111/43
Valves—examination of cathode ray tubes CV.1097	..	†648/45
Waveguide wattmeter, Pattern W.2783—calibration	..	*1075/45
Wavemeter G.82A, Pattern 3219A—modification	..	

Types 279/79/281/960 :—

79/B/279/B :—

Associated displays—issue of information	..	*3775/45
Cable for flexible feeders	..	*946/45
Conversion of cathode ray unit, Design "B," Pattern W.2449A to Pattern W.2449B	..	*†178/45 †1668/45
Display outfit JJ(1) fitted—modification	..	†294/47
Display outfits JL/JM—modification No. 2—reduction of fire risk	..	595/46
Dressing ship—transmission precautions	..	*†410/45
Fitting of Pattern 57664 transmitter, "M" type attachment, Design 5..	..	*4893/42 5335/46
Flexible feeders	..	*2234/44
Indicator outfit JK—fitting out information	..	*328/44
Pyrotex cable—sealing	..	*†2016/42
Removal of intensifier unit X.1118	..	*†2148/44
Replacement of cathode ray unit Design A by Design B	..	*1095/43
R/T and W/T interference—reports	..	
Selsyn motor, Pattern X.325A, fitted in aerial pedestal	..	*†1043/45, *†1246/45, *5977/45
Video filter unit—fitting	..	

* } See notes on Title page.
† }

Types 279/79/281/260—contd.

281/B/BP/BQ :—

A.C. supply outfit DPB—fitting out information	*1945/43,	*6581/44
A.C. supply outfit DPB—replacement of starters, Pattern 7511A	.. .. .	3287/47
Aerial outfit AQB/AQQ—fitting out information	.. .. .	*1318/45
Associated displays—issue of information	.. .. .	*3775/45
Boxes, transport, Pattern W.5478, for control unit 20D, Pattern W.1983/A	.. .. .	3851/44
Cable for flexible feeders	.. .. .	*946/45
Display outfit JK (skiatron)—aerial change over and indicating unit, Pattern W.9553A—modification	.. .. .	†353/46
Display outfit JK (skiatron)—fitting out information	.. .. .	*†1049/44
Display unit, Design 16—modification	.. .. .	3562/46
Fitting out information	.. .. .	*1465/45,
Flexible feeders	.. .. .	*3899/42,
Modification No. 1—summary of past modifications	.. .. .	*4893/42
Modification to enable the transmitter to operate at either 50 or 100 c/s pulse repetition rate—modification No. 2	.. .. .	3542/47
Operation at a pulse repetition rate of 100	.. .. .	†259/47
Plan position indicators (P.P.Is.)—fitting out information	.. .. .	†1118/45
Pyrotanax cable—sealing	.. .. .	*†1049/44
R/T and W/T interference—reports	.. .. .	*2234/44
Selsyn motor, Pattern X.325A, fitted in aerial pedestal	.. .. .	*†2148/44
Standing wave ratio—method of calculation	.. .. .	*1095/43
Type 281 BQ—fitting out information	.. .. .	*†1504/45
Valves CV.1249—testing	.. .. .	2246/47
	.. .. .	*†1822/44

281/M/P :—

Aerial outfit AQB/AQQ—fitting out information	.. .. .	*1318/45
Aerial outfit AQB/AQQ—Pattern 13847 electric cable—introduction	.. .. .	254/46
Display outfit JK (skiatron)—aerial change over and indicating unit, Pattern W.9553A—modification	.. .. .	†353/46
Display unit, Design 16—modification	.. .. .	3562/46
Filter unit (Video) design 16—replacement of capacitor, Pattern 50730—modification No. 3	.. .. .	†373/47
Fitting out information	.. .. .	3384/46

Types 282/3/4/5 :—

282 and variations :—

A.C. supply outfit DUB, Pattern W.1099 board 2AD upper—modification	.. .. .	5096/46
Anti-aircraft fire control—close range weapons—blind fire arrangements—remote scooter control—As. and As.	.. .. .	†1312/45
Bofors mountings—wiring to constant speed motor in R.T.U., Mark III—As. and As.	.. .. .	†2703/44
Bofors, twin, 40-mm., Mark IV, mountings—cover for rotary capacity switch, Pattern W.3896A/B	.. .. .	*†592/44
Oscillator G.41—modification	.. .. .	*4627/44
Oscillator G.41, Pattern W.3930—failure of crystal, Pattern W.4642	.. .. .	*2098/44
Panel L.22—variations in zero setting in range	.. .. .	*†2108/43
Rate cut push for R.T.U.s., Marks III-V	.. .. .	*†2585/42,
Switch, rotary capacity, Design E, Pattern W.3896A—replacement by Pattern W.3896B	.. .. .	*†496/43
Target indicating systems—lamp indicator at T.I.U., Mark II—As. and As.	.. .. .	6672/46
	.. .. .	†1494/45

283 and variations :—

Aerial outfit A.S.E. on barrage directors—modification	.. .. .	*†1698/43,
Anti-aircraft fire control—barrage control system—barrage fire from A.A. armaments	.. .. .	*†1712/44
Anti-aircraft fire control—H.A.C.S., F.K.C. and barrage director control system—modifications	.. .. .	†831/43
	.. .. .	†319/46

† } See notes on Title page.

Types 282/3/4/5—contd.

283 and variations—contd.

Anti-aircraft fire control—long range—instructions for setting A.B.Us.—drill and procedure

Barrage directors—modification to 283M—reports †1973/44

Oscillator G.41—modifications †2307/44

Oscillator G.41, Pattern W.3930—failure of crystal, Pattern W.4642 *4627/44

Panel L.22—variations in zero setting in range

Switch, rotary capacity, Design E, Pattern W.3896A—replacement by W.3896B *2098/44

.. .. . *†2108/43

284 and variations:—

Aerials—interconnection for emergency purposes—As. and As. *†1194/43

Aerial outfit A.S.F. modified—fitting of beam switching—As. and As.—report

Ammunition—shell 8-in., 4-in., 6-in., S.A.P. and practice—Radar ranging on splashes *†2211/44

Anti-ship fire control—communications—Radar observation of fall of shot—As. and As. †559/46

Anti-ship fire control—drill and procedure—blind Radar training—reports †1598/44

Anti-ship fire control—GS and GA Radar sets—bearing accuracy in blind fire—reports †634/45

Anti-ship fire control—provision of Radar spotting tube—As. and As.—reports †581/45, †87/46

Fitting-out information †1599/44

Interswitching of display panels—As. and As. 790/40

L.A. fire control—range transmission units, Mark VII—supply of Pattern 10633 in lieu of Pattern 10634 for fitting in Radar office †694/45, †1007/45

L.A. fire control—reception of Radar ranges—fitting of clock range transmitters to A.F.C. tables †712/43

Panel L.18—alternative display—reports *†1888/42, †533/43

Panels L.24 and L.34, Patterns 4500A and 8134/A—modifications *†1876/44

Panel L.24—lining up with associated R.T.Us. †1119/45

Ranging panels L.12, L.17, L.18, L.24—policy for fitting 4322/45

Remote bearing C.R. tubes in D.C.Ts.—fitting *†1754/44

Switch, rotary capacity, Design E, Pattern W.3896A—replacement by W.3896B *†783/44

Training tubes—modification 6672/46

.. .. . †1326/45

285 and variations:—

Aerials—interconnection for emergency purposes—As. and As. *†1194/43

Ammunition—shell 8-in., 4-in., 6-in., S.A.P. and practice—Radar ranging on splashes †559/46

Anti-aircraft fire control:—

Barrage director control system—barrage fire from A.A. armaments †831/43

Communications—Radar interlinking units, Pattern 10754—As. and As. †951/45, *†1192/45

Destroyer H.A./L.A. directors (F.K.C.)—"L" and "M" class destroyer D.C.Ts.—fitting *†1193/43

H.A. control system—additional communications—As. and As. †832/43

H.A.C.S. and F.K.C. system—telephone communications †1418/43

H.A.C.S. IV—Radar training from the H.A.C.P.—As. and As. †579/45

H.A.C.S.—removal of G.R.U.B. where necessary to fit panel L.24 in H.A.C.P.—As. and As. †122/44

H.A.C.S., F.K.C. and barrage director control system—modifications †319/46

Long range drill and procedure—instructions for setting A.B.Us. †1973/44

* } See notes on Title page.
† }

Types 282 3/4/5—contd.

282/3/4/5 and variations—contd.

Packing bearings of motor, Pattern W.5437, in blower and heater units, Patterns W.3510, W.3637, W.4057 and W.4058, with grease, Pattern W.8305	
Panel 3AH and board voltage control (valve)—blower and heater units, Patterns W.3510, W.3637, W.4057 and W.4058	*2283/43
Panel 3AH, transmitting, Pattern X.2402—modifications	5538/45
Panel 3AH, transmitting, Pattern W.2404—valve holder for rectifying valve CV.1260—modification	*6179/42
Panel 3AH, transmitting, transformers, Pattern W.2663—modification	*2401/43
Patterns X.1640/X.2002 blower compressor units and Patterns X.1656/X.2001 compressor units—replacement of Shell JD5 oil by light Torpoyl	*4138/44
Power supplies—As. and As.	
Power supply boards—Patterns W.2585A, W.2586A and W.4578	*6180/42 *963/43
Remote gain control	*3445/43
Replacement of receivers P.14/P.16, Patterns X/W.1334, X/W.2124 by receiver P.24, Pattern W.3920	†929/44 *†1286/44, *†1287/44
Rotary capacity switches, Pattern W.3896, and line unit, adjustable, 2-way and 3-way, Patterns W.3895 and W.3894—effect of low temperature	
Rotary capacity switch, Design "E," Pattern W.3896B—maintenance—reports	*2967/43
Selection of ranging marks for calibration of index error in Radar sets	*†663/44, *†664/44 †1192/44, †1524/44
Testing outfit TOC—testing and calibrating instruments—box for, Pattern W.1801—modification	*964/43
Wavemonitor G.72, Pattern X.1327—replacement of transformers, Patterns W.1382A/W.1883	*†78/44

Type 291 :—

291/M/U/W :—

A.C. supply outfits DUE/F/G/L/M—use of diverter resistance	*1944/43
A.C. supply outfits DUF/R/W—Pattern W.5095 starter	2616/46
A.C. supply outfit DXB	*5975/45
Aerial outfit ATQ, ATR	*2277/42
Aerial outfit ATR—defect in wiring	*5449/44
Aerial outfit ATR—fitting out information	790/40
Aerial outfit ATS—fitting and maintenance	*3842/43
Aerial outfit ATS—modification to training units—fitting of bearing repeaters and improved design of pedestal unit and sealing of Pattern W.2900 junction boxes	*4457/43, *592/44 *4324/43
Aerial outfit ATT	*6583/45
Aerial outfit ATY—fitting out information	
Anti-aircraft fire control—communications—Radar inter-linking units, Pattern 10754—As. and As.	*†951/45 *2751/45
Cathode ray unit, Design 21—modification	*5111/43
Examination of cathode ray tubes CV.1097	*†31/44, *†310/44, *†1051/44, *4466/45
Fitting-out information—As. and As.	*†1896/42 3207/45
Interference from Type 86 V.H/F R/T	*†952/42, *1137/42, *†202/47
Interference suppression equipment—method of fitting	*3775/45
Interswitching of Type 242	†165/46
Issue of information	*5670/44
Modernization	†308/47
Modified receiver P.25, Pattern 4049—introduction	5701/45
Modification No. 1—(summary of past modifications)	
Office and instrument lighting—modification—As. and As.	*†228/43, *†2461a/43, †1731/45
Panel 3 AN—exhaust ventilation—As. and As.	*†1223/42 †2366/44
Performance	†224/47
Policy in destroyers	*2234/44
Power supplies	
Pyrotex cable—seals and sealing instructions	

* } See notes on Title page.
† }

Types 291—contd.

291/M/U/W—contd.

Radar masts and periscope—lubrication—As. and As.	..	..	..	..	..	2087/47
Ranging outfits RTA/B/E and associated indicators—	..	..	..	..	..	2087/47
modification	..	..	..	..	..	†1988/44, †2306/44
Remote display—interswitching with 293	..	..	..	..	..	3725/46
Spurious echoes	..	..	..	..	..	*†1484/43
Testing equipment	..	..	..	..	..	*1554/44
Test set S.E.2, Pattern W.5799	..	..	..	..	..	*3521/45
Valves—use of CV.510 and CV.511 in lieu of CV.509	..	..	..	..	..	5570/44
W.C. set—fitting	..	..	..	..	..	*†31/44, *†1051/44

Types 930/931 :—

931 :—	..	..	..	..	..	850/46
Aerial outfit ANQ—fitting out information	..	..	..	..	..	†1688/45
Courses—officers and ratings	..	..	..	..	..

Types 940/1/2/3, 951/2/3 :—

940 :—	..	..	..	..	..	5813/46
Fitting out information	..	..	..	..	..
941 :—	..	..	..	..	..	*6718/44, *6283/45
Fitting out information	..	..	..	..	..	*†2310/44
Introduction	..	..	..	..	..	3643/47, 4455/47
Modification No. 1	..	..	..	..	..	*4626/44
Overheating	..	..	..	..	..	*3915/45
Performance meter, Design 4, Pattern 56834	..	..	..	..	..	*7062/45
Remote control—fitting	..	..	..	..	..
942 :—	..	..	..	..	..	*5978/45
Fitting out information	..	..	..	..	..
943 :—	..	..	..	..	..	848/46
Fitting out information	..	..	..	..	..
952 :—	..	..	..	..	..	†1201/45
Portable marker beacon—introduction	..	..	..	..	..

Types 961/2 :—

961 :—	..	..	..	..	..	*3652/45
Aerial outfit AUN—fitting out information	..	..	..	..	..	6128/46
Introduction and fitting—As. and As.—reports	..	..	..	..	..	*1415/45
Responsibility for maintenance	..	..	..	..	..

Types 970/1/2 :—

970 :—	..	..	..	..	..	2616/46
A.C. supply outfits DUF/R/W—Pattern W.5095 starter	..	..	..	..	..	*5080/45
Conversion to 971—fitting out information	..	..	..	..	..	*†262/44
Minimum range reduction—modification	..	..	..	..	..
971 :—	..	..	..	..	..	2616/46
A.C. supply outfits DUF/R/W—Pattern W.5095 starter	..	..	..	..	..	*5081/45
Fitting out information	..	..	..	..	..
972 :—	..	..	..	..	..	3287/47
A.C. supply outfit DPB—replacement of starters, Pattern 7511A	..	..	..	..	..	*2319/45
Air conditioning units, Patterns W.8828, W.8828A, W.8221, 53177 and 55115	..	..	..	..	..	*4922/45
Phase changer, A.P. 57729—introduction	..	..	..	..	..

Types 980/1 :—

980/1 :—	..	..	..	..	..	*3203/45
Magnet keepers	..	..	..	..	..

* }
 † } See notes on Title page.

Types 982/983 :—

Introduction of new type numbers

†217/47

U.S.A. Types :—

BM-1 (ships 254)—modification to instruction book

BO-1 and BM-1—modification to instruction book

Earthing of radio equipment fitted with U.S. naval shock mounts

Gas filled co-axial $\frac{7}{8}$ -in. and $1\frac{1}{8}$ -in.—fitting out information

Radio equipment—stores—disposal

SG/SG.1/SGA—voltage fluctuations

Shipborne American radio equipment—disposal

SK/SC.2—painting of aerials

SQ—disposal

Waveguide—"S" band—fitting out information

†56/46

†73/46

*3201/45

*3527/45

†312/46

*†838/44

†84/47

*6852/44

*†1710/45

*3527/45

Valves :—

CV.83 and CV.193—modification to increase life

CV.90—replacement in oscillator G.208/9/10

CV.510 and CV.511—use of in lieu of CV.509

CV.961—disposal of unsuitable type

CV.1097—examination

CV.1249—testing

CV.1510—supersession by CV.309

Contamination by sea water—treatment necessary to make

serviceable

Defective—return of for examination

Transport—marking

Wooden crates—return

*†836/44

1685/46

5570/44

1464/46

*5111/43

*†1822/44

3728/46

*57/42

2319/47

*835/45

*3144/42

Waveguides :—

Notes and fitting out information

Size "A"—fitting out information

Stores for Types 274 and 276/7/293

Telescopic joint, Pattern 59642—Type 262—weather tightness

Waveguide systems, size "B"—fitting out information

*327/44

751/47

†202/44, *†933/44

3726/46

5812/46

* } See notes on Title page.
† }

(5) SHORE STATIONS

List of Reference Headings

Notes.—(i) Stores items will be listed under the appropriate equipment unless they are of a general nature.

(ii) Where an Order of a general nature does not contain as the second clause of its heading a reference heading as listed below, it will be automatically indexed under **Wireless and Other Equipment—General**.

(iii) Headings marked † are for cross reference only.

Direction Finding. (*See also D/F, Y and R.C.M. sub-section.*)

†**Homing and Blind Approach.** (*See AIRCRAFT RADIO, RADAR and WIRELESS sub-sections.*)

Mobile Naval Radio Stations and Vans. (*See also RADAR sub-section—Mobile Vans.*)

†**Radar.** (*See RADAR sub-section.*)

Receiving Equipment

Stores

Transmitting Equipment

†**Vans.** (*See Mobile Naval Radio Stations and Vans.*)

Wireless and Other Equipment (other than Receiving and Transmitting Equipment)

Crystals. (*See also WIRELESS sub-section.*)

General

Maintenance

Specifications

Test Equipment

Tool Outfits

Stores—contd.	
Test outfits—use with wireless and Radar installations on shore—introduction—reports	*5395/45
Tool outfits—general use with wireless and Radar apparatus, fitted on shore—introduction—reports	786/47, *2755/45, 3707/47
Touch typing—supply of typewriters	*1075/45
Wavemeter G.82A, Pattern W.3219A—modification	3564/46
W/T and Radar stores—disposal of returns	3268/46
W/T stores—disposal	
Transmitting Equipment :—	
Beacons YE/YG or Type 72—organization	†152/47
Beacon, Type YG—Bodine motors—failure	*6435/45
Beacon, Type YG—homing beacon trainers—introduction	*4326/45
Beacon, Type YG—introduction	†2309/44
Beacon, Type YG—modification	6894/45
Beacon, Type YG—modification to U.S. handbook	*†1214/45
Ground radio equipment—concise details	†1670/45, †24/46
High speed equipment for W/T shore stations—policy	†1865/42
R/T equipment for local air traffic control at R.N. air stations—policy	1141/47
Transmitter CS.5B—modification to extend frequency range—reports	2465/45
Transmitter G.12TA—introduction and conversion of transmitter G.12T—reports	437/45
Transmitters—G.12T/G.12TA—modification to G.12MR	6673/46
Transmitters of commercial design—"naval markings"—introduction—reports	588/45
Transmitters for stations abroad—packing of valves	4646/44
Transmitters R.20A—introduction	*2607/45
Transmitters R.20A—modification to increase power output to aerial—introduction—reports	*6895/45
Transmitters R.20A—modification to manual control—introduction—reports	6896/45
Type 86M, R/T set fitted with control outfits KFA, KFB, KFD, KFE or KHA-KHZ—fitting out information	7081/46
Type 86M/MS—modification No. 1—(summary of past modifications)	2665/47
Type 86MS—fitting of noise limiter	5906/46
Types 86M/87M, transmitters, 7BP and 8C, with common aerial working—dummy aerial load—introduction	487/47
Type 88/RS—failure of transformer—replacement	*4928/45
Type 93—introduction	†339/46
Type 93S—introduction	†492/45
Type 610—introduction and modification	4394/46
Type 613—transmitter-receiver—introduction	4323/45
Type 617S—introduction	308/47
Type 617S—working into naval remote control system	1331/47
Type 681/E—disposal	*6590/44, *589/45
Types 682, 685 and 582M with receiver outfits CDK and CDQ—introduction	*5539/45, *6586/45
Type CNY.1, TW.12(S), TW.12P(S) and TV.5(S)—disposal	*4516/44
Wireless and Other Equipment (other than Receiving and Transmitting Equipment) :—	
Crystals :—	
Arrangements for stowage—Pattern 57388 box—introduction	*170/45
Demands for crystals	3789/47
Supplies for training purposes for R.N. air stations	†638/46
Table of multiplication factors for transmitters and receivers	168/45, *586/45
General :—	
Allocation of first fitting equipment	4456/47
Basic Fleet wireless organization	†111/47
Captured bases—ancillary equipment—provision of plan packed sets	†169/45
Common aerial working—V.H/F—introduction	6464/46
Control unit R/T system—R.N. air stations—policy	†1366/45
Disposal of W/T and Radar apparatus in the United Kingdom when no longer required	3592/46

* } See notes on Title page.
† }

Wireless and Other Equipment (other than Receiving and Transmitting
Equipment)—*contd.*General—*contd.*

Double pen undulator, Type U.G.8—introduction	1057/47
Equipment fitted in U.K. on conclusion of hostilities with Germany	.. .. .
Equipment for local flying control at R.N. air stations—policy	*2321/45
Establishment of pools of wireless apparatus abroad for replacement purposes and to meet unforeseen requirements	†411/45
Electrical supplies for ground W/T and Radar apparatus at R.N. air stations—policy	7399/46
Ground radio equipment—concise details	.. .. .
Ground radio equipment for bombing ranges at R.N. air stations	†1670/45, †24/46
High speed equipment for W/T shore stations—policy	.. .. .
Power point for soldering irons in small buildings at R.N. air stations	5228/45
Provision and maintenance of L/T lines overseas—planning and execution	.. .. .
Radio equipment (British)—disposal of pool stocks in the United Kingdom	†1865/42
Radio equipment—modifications	.. .. .
Radio office security notice—introduction of Form S.279	5082/45
Rectifier unit 80/30-0-30/80-volt, Pattern 53213—replacement of and re-wiring of voltmeter	874/45
Restrictions on issue—W/T equipment	3875/46
Restrictions on power, telephone and remote control cables in the vicinity of ground radio installations	7080/46
Security of radio and "V/S Special" equipment—details—policy	3282/46
Signal office equipment—duplicators	.. .. .
Towers and masts installed on closing down of wireless and Radar stations in the United Kingdom—reports	4263/46
Unauthorized modifications to W/T and associated electrical equipment	1043/46
V.H/F R/T equipment ashore	.. .. .
W/T and Radar stores—disposal of returns	†1671/45
W/T and R/T equipment for use on "cross country" frequencies at R.N. air stations	.. .. .
W/T and R/T equipment in protected communications buildings at R.N. air stations—policy	†332/46, †333/46, †366/46
Maintenance :—	2934/47
Air stations—duties of W/T officers	.. .. .
Associated electrical and mechanical equipment—responsibility	947/45, 3654/45
Cessation of maintenance by commercial W/T companies	†1969/43
Responsibility at air stations for ground radio equipment	3564/46
Responsibility at air stations for Radar homing and beam approach beacon	.. .. .
Responsibility for installation of radio equipment at air stations	†596/45
Responsibility for L/T equipment overseas	.. .. .
Shore station wireless officers and maintenance engineers	†786/45
Timber towers—maintenance and reports	.. .. .
Specifications :—	1199/46
Wireless and Radar equipment used on shore—standard distribution—reports	.. .. .
Test Equipment :—	3916/45
L/F, M/F and H/F wavemeter outfits—policy and supply—reports	.. .. .
Oscillator, Pattern W.7252—fitted in test outfits TOK—TOT—withdrawal from service if fitted with valve CV.1972	171/45
Radio test equipment—repairs	4266/46
Testing outfits—use with wireless and Radar installations on shore—introduction—reports	6013/46
Wavemeter G.82A, Pattern W.3219A—modification	.. .. .

* } See notes on Title page.
† }

(6) V/S AND V/S SPECIAL**List of Reference Headings**

Notes.—(i) Stores items will be listed under the appropriate equipment unless they are of a general nature.

(ii) Where an Order of a general nature does not contain, as the second clause of its heading, a reference heading as listed below, it will be automatically indexed under General.

(iii) Headings marked † are for cross reference only.

†Action Information Organization. (See Section VII—Navigation Direction)

†Balls. (See General)

Batteries. (See also Section VI—Electrical)

†Binoculars and Telescopes. (See General)

†Blocks and Halyards. (See General)

†Books. (See Section IX—Books)

†Box Illuminated. (See Recognition Signals Equipment)

Communications

†Complements. (See Section I—General)

†Cones and Balls. (See General)

†Cypher and Coding Machines. (See WIRELESS sub-section)

†Daylight Signalling Lanterns. (See Lanterns)

†Dressing Lines. (See Flags and Accessories)

†Dressing Ship. (See Flags and Accessories)

†Ensigns and Jacks. (See Flags and Accessories)

Flags and Accessories

General

†Handbooks. (See Books)

†Heliographs. (See General)

†Lamps. (See Lanterns)

Lanterns

Lights V/S

†Maintenance. (See General and also appropriate equipment)

†Modifications. (See appropriate equipment)

†Navigation Aids. (See NAVIGATION AIDS sub-section)

†Night Target Identification. (See General)

†Office Equipment. (See General)

†Offices. (See Office Equipment)

†Officers. (See Section I—General)

†Organization. (See General)

†Personnel. (See Section I—General)

List of Reference Headings—*contd.*

‡Pneumatic Tubes. (See General)

‡Publications. (See Books)

‡Ratings. (See Section I—General)

Receivers

Recognition Signals Equipment

‡Reports. (See appropriate equipment and Section I— General)

Searchlights and Signalling Projectors

‡Sewing Machines. (See General)

‡Signal Communications (See Communications)

‡Signal Projectors. (See Searchlights and Signal Projectors)

Signal Stations

‡Spares. (See Stores)

Stores

‡Telescopes. (See General)

Training

Courses

Instructional Appliances

Ratings

‡Types. (See Receivers and Transmitters)

Transmitters

‡Transceivers. (See Transmitters and Receivers)

‡Typewriters. (See General)

‡VC/VF. (See Recognition Signals Equipment)

Batteries :—

Aldis lantern, Pattern 5110E—use of battery, Pattern W.2317	*1208/45
Pattern W.2317, for intermediate signalling lantern, Pattern W.2174—charging instructions—Pattern 2318A battery box—	
instructions for conversion to Pattern W.2318B	*4945/44
Pattern 14121 for use with transmitter, Type 312, Pattern 55000	*1202/45

Communications :—

Intercom system—compass platform—Admiral's bridge—flag deck	†640/45
R/T offices in ships	†1599/45

Flags and Accessories :—

Ceremonies—dressing ship and wearing of ensigns and union flags in harbour—resumption of normal procedure	7028/48
Dressing lines—As. and As.	3874/48
Flags and pendants—first outfit quantities	1267/48
Flags for danlaying purposes	*966/45
Foreign ensigns, union flags and flags for dressing lines—allowances and first supply quantities	7088/46
Morse flag no longer to be used	1857/46
Signal flags—reduced outfits	2581/47
U.S.A. signal flags—provision of for tactical intercommunication between British and U.S. naval forces	†668/43, 3644/47

General :—

Analysis of torpedo aircraft night practice attacks by means of infra red photography—fitting, use and maintenance of P beacons, Designs A and B—introduction of P beacon, Design B	†602/44, †1332/44, †548/46
Mechanical semaphores—cessation of installation in ships	7078/46
Morse flag no longer to be used	1857/46
Quarterly return of visual signalling with British Merchant Vessels for the quarter ending 31st March, 1947	2706/47
Screening of gate working lights and fitting of guide wires	1352/43
Security of radio and "V/S special" equipment—details of equipment concerned	†332/46
Security of radio and "V/S special" equipment—policy	†231/47
Signal Books Committee—institution	2551/46
Signal flag lockers, Types A to J—revised markings	*3917/45
Signal office equipment—duplicators	2934/47
Tactical intercommunication between British and U.S. naval forces—provision of U.S. signal flags	*†668/43, 3644/47
Torpedo attack and control signals	3103/46
Touch typing—supply of typewriters	786/47, 3707/47
Typewriters—fitting of paper roll adaptor—reports	1259/46
Very's pistol—firing precautions	5705/45
Visual equipment—periodical reports	2701/47, 2703/47
V/S special equipment—allocation—disposal—reports	†453/46

Lanterns :—

Aldis daylight signalling lantern, Pattern 443—modification to control boards, Pattern 453	*852/46
Aldis intermediate and 6-in. hand—electrical supply connections, etc.—As. and As.	*6143/43
Aldis lanterns and twin mounted torches—directional recognition system—Harvey shades, Pattern 16082—allowances	674/46
Aldis lanterns, Pattern 5110D—modifications—Aldis lantern, Pattern 5110E—introduction	*3586/43
Aldis lanterns, Pattern 5110E—use of battery, Pattern W.2317	*1208/45
Daylight signalling lanterns and crow's nest—fitting	5455/46
Daylight signalling lanterns, Patterns 443 and W.3857—allocation—fitting—As. and As.	3525/45, 4264/46
Daylight signalling lanterns, Patterns 443 and W.3857—removal of operating keys fitted in A.D.Rs.	5565/46
Daylight signalling lanterns, Pattern W.3857 (B.T.H.)—method of improving watertightness	*813/45

* } See notes on Title page.
† }

~~Lanterns—contd.~~

Daylight signalling lanterns, Pattern W.3857—modification	..	..	*†2053/44
Daylight signalling lanterns, Pattern W.3857—return of lamps, Pattern W.3859	..	..	..
Intermediate signalling lantern, Pattern W.2174—modification to plug and socket, Pattern W.2187/8	..	..	*†1650/44
Intermediate signalling lantern, Pattern W.2174—ranges—allowances	..	..	1594/45
Hether, Pattern 378A—trigger signalling, plunger type, Pattern 54620, and front neutral filter, Pattern 56190, for—introduction—modification to Pattern 378B	..	..	*1890/45
Lamps, Pattern 16000, for use with lanterns, boats signalling, Pattern W.1020—defects and replacements	..	..	*599/45
Revised allowances	..	..	..
Yardarm flashing lanterns—screening from the air	..	..	*814/45, *3044/45, 868/46
6-in. hand signalling lantern—As. and As.	..	..	*†224/45
6-in. hand signalling lantern in lieu of 10-in. signalling projectors—after action signalling	..	..	*†146/44
6-in. hand signalling lanterns, Patterns W.1060 and W.1061—replacement of lanterns	..	..	*152/45
6-in. hand signalling lanterns, Patterns 5153 and W.898, incorporated in outfits, Patterns W.1060 and W.1061—cold weather attachment	..	..	*3200/44
6-in. signalling lantern outfit—supply	..	..	*1695/44 *4744/45

Lights V/S :—

Fixed light manœuvring signals—abolition—report	2415/47
---	----	----	---------

Recognition Signals Equipment :—

Aldis lantern and twin mounted torches—directional recognition system—Harvey shades, Pattern 16082—allowances	..	..	674/46
Display recognition signals—minor war vessels	..	..	†1505/41
V.C.—cable, Pattern 13148—introduction	..	..	*†2345/40
V.C. equipments—FIC and F.4—obsolete items	..	..	6589/46, 7090/46
V.C.—masks to limit the dispersion of Pattern 3301 lantern (Design 11)—introduction	..	..	*†2226/41
V.C.—switch unit, Pattern W.2019—fitting—reports	..	..	*†629/41
V.C./V.F.—F.A.A. torpedo target ships—classification as minor war vessels—As. and As.	..	..	*†1768/44
V.C./V.F.—indicator box (non-standard)—Admiral's bridge in capital ships	..	..	†2416/41 *†1080/45
V.C./V.F.—removal of outfit V.C.	..	..	†1784/42
V.C./V.F.—war reserves	..	..	†116/47
V.F.—cessation of fitting, and removal from ships so fitted	..	..	*†1045/45
V.F.—siting of junction box for lower bracket	..	..	..
V.F.—wooding by cathode ray and rectifier unit, Design A, in destroyer directors	..	..	*†2722/43

Searchlights and Signalling Projectors :—

Searchlight equipment—As. and As.	..	..	*†1114/44, †1652/44 *451/44
10-in. signalling projector—allowances	..	..	..
10-in. signalling projector—fitting in lieu of 6-in. hand signalling lanterns—As. and As.	..	..	*5002/43, *1235/44 *1229/43
10-in. signalling projector—fitting of swivelling arm—As. and As.	..	..	*1366/44
10-in. signalling projectors, Patterns 3860A and 12210—replacement of defective shutter operating levers	..	..	3868/46
10-in. signalling projectors, Pattern 3860A—“tracking” on lampholder base	..	..	*814/45, *3044/45, 868/46
10-in. signalling projectors—revised allowance	..	..	*2966/43
22-in. signalling projectors, Patterns 170 and 170A—asbestos packing for front glass	..	..	..

* } See notes on Title page.
+ }

Stores :—	
Aldis lanterns and twin mounted torches—directional recognition system—Harvey shades, Pattern 16082—allowances	674/46
Aldis lantern, Pattern 5110E—allowance	*4467/43
Clocks and watches—revised allowances	4024/46
Daylight signalling lanterns, Patterns 443 and W.3857—allocation—fitting—As. and As.	3525/45, 4264/46
Disposal of obsolete apparatus	*603/44
Electric lamps for V/S equipments—transfer to class F, group 2A/III—(F2A)	3292/47
Equipment—supply	*5094/44
Flags and pendants—first outfit quantities	1267/46
Shades, front glass, red—allowances	*4797/44
Signalling lantern and 10-in. signalling projectors—revised allowance	*814/45, *3044/45, 868/46
V/S—removal of redundant equipment	1433/47
6-in. signalling lantern outfits—supply	*4744/45
10-in. signalling projectors—allowances	*451/44

Training :—

Combined Signal School—establishment	895/47
--	--------

Courses :—

Analysis of torpedo craft night practice attacks by means of infra-red photography—fitting, use and maintenance of "P" beam, Designs "A" and "B"—introduction of "P" beacon, Design "B"	†602/44, †1332/44, †548/46
Communication ratings—courses for 1948	4255/47
Revised training and courses consequent upon the introduction of new signal book	3919/47
R/T—training in the use of—reports	2986/46
Senior Officers' technical course—fourth course, 1948	4256/47
T/P signalmen—training and refresher courses	241/45

Instructional appliances :—

R/T—equipment for training in use	2985/46, 4395/46
Revival of signalling exercises between H.M. ships and British merchant ships	2707/47

Transmitters :—

Type 307—key, contact, signalling, Pattern 9881—for use with	*†1381/44
Type 312, Pattern 55060—battery accumulator, Pattern 14121	*1202/45

* } See notes on Title page.
† }

(7) WIRELESS**List of Reference Headings**

Notes.—(i) Stores items will be listed under the appropriate equipment unless they are of a general nature.

(ii) Where an Order of a general nature does not contain, as the second clause of its heading, a reference heading as listed below, it will be automatically indexed under **General**.

(iii) Headings marked † are for cross reference only.

- †A.C. Supply Outfits. (See Power Supplies)
- †Action Information Organization. (See Section VII—Navigation Direction)
- †Action Information Outfits. (See General)
- Aerials. (See also appropriate equipment)
- †Aerial Outfits. (See Aerials)
- †Aerial Exchange Outfits. (See Aerials)
- †Aerial Switching Outfits. (See Aerials)
- †Aerial Trunk Outfits. (See Aerials)
- Aircraft Direction
- †Auto High Speed Receiving Outfits. (See Receivers)
- †Auto High Speed Transmitting Outfits. (See Transmitters)
- Batteries. (See also Section VI—Electrical)
- †Battery Outfits. (See Batteries)
- †Beacons. (See appropriate equipment and Homing and Blind Approach)
- †Books. (See Section IX—Books)
- †Bulkhead Insulator Outfits. (See Insulators)
- †Calibration. (See General)
- †Complements. (See Section I—General)
- †Control Systems. (See Remote Control Systems)
- †Control Outfits. (See Remote Control Systems)
- Crystals
- †Common Aerial Working. (See Aerials)
- †C.W.S. Control Systems. (See Remote Control Systems and also Section VI—Electrical)
- Cypher and Coding Machines
- †Deck Insulators. (See Insulators)
- †D.F. Outfits. (See D/F, Y and R.C.M., NAVIGATION AIDS and SHORE STATIONS sub-sections)
- †Earths. (See General and also appropriate equipment)
- Emergency
- General
- Hailing Equipment
- Homing and Blind Approach. (See also AIRCRAFT RADIO and RADAR sub-sections)
- Insulators
- Maintenance
- Microphones

List of Reference Headings—*contd.*

- † Mobile Vans. (See **SHORE STATIONS** sub-section)
- Modernization. (See also appropriate equipment)
- Modifications. (See also appropriate equipment)
- † Monitoring. (See General)
- † Naval Stores. (See Stores)
- † Officers. (See Section I—General)
- † Offices. (See General)
- † Outfits. (See appropriate equipment and outfits)
- † Personnel. (See Section I—General)
- Power Supplies. (See also **Remote Control Systems**)
- † Power Supply Outfits. (See Power Supplies)
- † Publications. (See Books)
- † Radio Mechanics. (See Training and Section I—General)
- † Ratings. (See Training and Section I—General)

Receivers

General

Outfits

CN/CNS, CO/COS. (See also **SHORE STATIONS** sub-section)

CP/CPS, CQ/CQS. (See also **SHORE STATIONS** sub-section)

CAA to CAZ

CBA to CBZ

CDA to CDZ

CEA to CEZ

CGA to CGZ. (See also **SHORE STATIONS** sub-section)

CSA to CSZ

CTA to CTZ

CUA to CUZ

Miscellaneous

† QA to QZ. (See **D/F, Y** and **R.C.M.** sub-section)

† Receiver Outfits. (See Receivers)

† Recording Outfits. (See **D/F, Y** and **R.C.M.** sub-section)

Remote Control Systems

Reports. (See also appropriate equipment)

R.I.S. Outfits

Sc/S Sets

Sound Reproduction Equipment (**S.R.E.**). (See also Section VI—**Electrical**)

† Separated Aerial Control Outfits. (See **Aerials**)

† Speech Control Outfits

Stores. (See also appropriate equipment)

† Spares. (See appropriate equipment)

Teachers

† Telegraphic Typewriters. (See **Typewriters**)

† Telegraphists. (See Training and Section I—General)

List of Reference Headings—*contd.*

- Test Equipment
- ‡Testing Outfits. (See Test Equipment)
- Tools
- ‡Tool Outfits. (See Tools)
- Training
 - General
 - Courses
 - Films
 - ‡Instructional Appliances. (See Teachers)
- Ratings
- Transmitters (including Transceivers and Transmitter-Receivers)
 - General
 - Types
 - 34 to 49
 - 50 to 59
 - 60 to 69
 - 70 to 79
 - 80 to 89
 - 90 to 99
 - 600 to 609
 - 610 to 619
 - 640 to 649
 - ‡650 to 659. (See D/F, Y and R.C.M. sub-section)
 - ‡660 to 669. (See D/F, Y and R.C.M. sub-section)
 - 680 to 689
- ‡Transceivers. (See Transmitters)
- ‡Transmitter-Receivers. (See Transmitters)
- ‡Trunks. (See Aerials)
- Typewriters
- U.S.A. Equipment
- Valves
- ‡Ventilation. (See General)
- ‡V.H.F Control Outfits. (See Remote Control Systems)
- Warning Telephones (Wa/T Sets). (See also Section VI—Electrical)
- ‡Wavemeters. (See Test Equipment)
- ‡Wavemeter Outfits. (See Test Equipment)
- ‡W/T and R/T Control Outfits. (See Remote Control Systems)

Aerials :—		
Common aerial working—V.H/F—introduction	.. .. .	6464/46, 487/47
Connections—receivers—fitting arrangements	.. .. .	*6897/45
Down leads—L.C.T.(3) and L.C.T.(4)	.. .. .	*3651/45
Emergency aerials—submarines—"S" and "U" classes	.. .. .	*†785/44
Emergency arrangements	.. .. .	†617/46, †248/47
Exchange outfits :—		
EH—fitting out information	.. .. .	*2522/43
EJ—fitting out information	.. .. .	*4510/44
EJ—introduction	.. .. .	†1183/44
EK—fitting out information	.. .. .	*1867/45
EK—introduction—As. and As.	.. .. .	†1931/44
EL—fitting out information	.. .. .	4110/47
Flat roof of main W/T aerials—fitting of ½-in. E.S.F. S.W.R. halyards	.. .. .	*5881/43
H/F aerial attachment to ANF mast—As. and As.	.. .. .	*†1802/45
H/F D/F rigging arrangements of main aerial roof	.. .. .	†735/44
H/F transmitting aerials and aerial tuning	.. .. .	1969/44, 5566/46
Outfits :—		
ANC and ANZ—fitting out information	.. .. .	5338/46
ANG—fitting out information	.. .. .	1690/46
APH, ART and ARU—fitting out information	.. .. .	*68/44
APH and ARU and Types 86M and 87M R/T sets—modifications—reports	.. .. .	1687/46, 5099/46
APH and ARU—modifications—reports	.. .. .	1687/46
APH, ARU and AJA—fitting out information	.. .. .	4841/46
APH—tests to be carried out	.. .. .	1371/44
APU—fitting out information	.. .. .	*6446/44
APU—introduction	.. .. .	*†66/45
AWA (whip)—fitting out information	.. .. .	*5540/45
AWC (whip)—fitting out information	.. .. .	*6585/45
AWE (whip)—fitting out information	.. .. .	*5230/45
AWF—fitting out information	.. .. .	5679/46
TF—4-in. aerial trunk metal construction—fitting out information	.. .. .	*1227/44
TK—4-in. aerial trunk metal construction for either "wire" or "whip" aerials—fitting out information	.. .. .	3016/47
Receiving aerials—transformers	.. .. .	*722/43
Requirements for fitting aerials in ships fitted with D/F outfits		
FH.3/4, FV.4/5/7 and RH.2—indicating of earthing of ship's communications aerials—As. and As.	.. .. .	4260/46
Re-siting—As. and As.	.. .. .	6284/45
Rig—modification	.. .. .	*2466/45
Second aerial rig aft	.. .. .	†397/46
Separated aerial control KBK—fitting out information	.. .. .	*3848/44
Submarines—fixed aerial—sealing of aerial cable	.. .. .	*†1971/43
Transmitting and receiving aerials—fitting out information	.. .. .	*†2019/40,
		*3370/45
Type 86M—aerial—fitting—submarines	.. .. .	1462/46
Type 89/89M and transmitter 4T	.. .. .	*70/44
V.H/F—common aerial working—summary of modifications	.. .. .	5337/46
Whip aerials—fitting out information	.. .. .	*5074/44
Aircraft Direction :—		
Control outfits :—		
KFA/B/D/E—fitting out information	.. .. .	*1967/44
KFD/E—arrangements	.. .. .	*†441/44
KFD/E—designation strips in R/T control unit, Pattern 53290/1	.. .. .	*7065/45
KFD/E—fitting out information	.. .. .	1879/46
New microphone unit for use with transmitters	.. .. .	*†888/43
Batteries :—		
Cupboards—electric heating—As. and As.	.. .. .	*5786/44
Cupboards—ventilation	.. .. .	*4008/44
Dry batteries, Patterns 3773 and 3774—improved types designated	.. .. .	*4937/45
Patterns 3773A and 3774A	.. .. .	*3053/45.

* } See notes on Title page.
† }

Batteries—contd.**Outfits :—**

BBd, BBe, BBh, BBj, BBk, BBl, BBm, BBn—fitting out information	*2177/43
BBd, BBe, BBh, BBj, BBk, BBl, BBm, BBn, BBu, BBw, BBy and BCd—fitting out information	2430/48
BBz—with Type 60EQR—fitting out information	*5231/45
Type 431—accumulators—charging arrangements	*3398/41

Crystals :—

Communication sets in ships—supply of crystals	†22/47, †313/47
Crystal frequency multiplication tables	2078/47, 2582/47
Introduction of standard set for U.S. ship/shore frequencies	*167/45
Quartz crystals—demands	6251/46
Stowage box, Pattern 57388—introduction	*6186/44
Type 52ERT, FHV/FHW/CHF—introduction of crystal control	*†591/42
Type 57C/CR/D/DR—fitting of crystal control facilities	*†269/43
Type 57CM/CMR/DM/DMR—fitting of crystal control facilities	*†270/43
Type 65—supply of Air Ministry type crystals and crystal adaptors	*†2447/43
Type TCS—allocation of R/T inter-communications frequencies—coastal craft	*†32/44

Cypher and Coding Machines :—

Coding and cypher machines—fitting	†221/46, 5097/46
Coding machines (F.I.C.)—plugs and plug board attachment	†1818/45, †6/47
Combined cypher machines (C.C.M.), Mark III—fitting of counter operating lever (long), Pattern 22445	*†924/45
Communication secrecy equipment—repair and maintenance	†637/46, †136/47
Cypher (coding) machines (F.I.C.)—disposal from ships paid off or reduced to reserve, etc.—reports	†25/47
Establishment, supply and fitting	†890/44, †7/47
F.I.C. cypher (coding) machines and adaptors—reports of issue, etc., and annual reports of holdings	†627/46, †106/47
General requirements for fitting of combined code and cypher office—fitting out information	1816/47
Typex machine—fitting—As. and As.	†61/47
Typex, Mark II, and C.C.M., Mark II and Mark III—fitting out information	*1871/45
Typex, Mark II, and C.C.M., Mark III (British), and C.C.M., Mark II (American)—fitting out information	*1230/44
Typex, Mark II, and C.C.M., Mark III—fitting of motor condenser, Pattern 22352	*†1162/45
Typex, Mark II, and C.C.M., Mark III—fitting of printer unit safety lever catch	†1781/45
Typex, Mark II, and C.C.M., Mark III—modification to spark quench condenser connection	*†1597/44, *†1933/44
Typex, Mark II, and C.C.M., Mark III—packing before transport	*†372/44
Typex, Mark II, and C.C.M., Mark III—tropicalization (protection against rust)	*†832/45
Typex, Mark VI A, machines for instructional purposes	†363/47

Emergency :—

Aerials—submarines—"S" and "U" classes	*†785/44
Arrangements in ships	†617/46, †248/47
Battery driven transceiver aft—fitting—As. and As.	*6584/44, *3519/45
R.A.F.—GP set (12-volts)—fitting out information	*3778/45
R.A.F.—GP set (12-24-volts)—fitting out information	1745/45
Type 611—introduction and allocation	†617/46
V.H/F aerials—arrangements	

General :—

Addresses and telephone numbers of various radio service departments	*4931/44
Admiralty Signal and Radar Establishment	4334/47
Aerial down leads—L.C.T.(3) and L.C.T.(4)	*3651/45
Aircraft—ammunition—rockets—safe distance from ship radio transmitters	†718/44
Allocation of first fitting equipment	4456/47

* } See notes on Title page.
† }

General— <i>contd.</i>	
Alterations and additions to ships—radio communications BRR—fitting of transmitter insulator	*428/45
Basic Fleet wireless organization	†111/47
Communication security—foreign officers and ratings	†121/47
Co-ordination of the use of radio equipment	†1687/45
Depth gauge in radio office—As. and As.—submarines	6973/46
Dressing ship—radio transmission precautions	595/46
Earthing plate—As. and As.	*2030/45
Electric cable—wireless and Radar installations	*3559/44
Equipment—information regarding As. and As.	*2968/43
Equipment log—performance record sheets—introduction and issue	1492/46, 2825/46, 3585/46, 3903/46, 1360/47, 2598/47
Equipment—restrictions on issue	1043/46
External suppression of TV.5 converter	7064/45
Fire fighting—electrical apparatus	3271/46
Frequency contours for Pacific area—introduction	*2031/45
Frequency supplements—Series Y1—5/M.350	*2824/45
H/F transmitting aerials and aerial tuning	1969/44
Improvement fund—re-introduction	*1022/45
Interference suppression coil (toroidal dust core)—introduction	*5471/44
Interference suppression condenser securing clip and fixing bar assembly—introduction	*4953/45
Interference suppression in Coastal Force craft	3493/46
Interference suppression in Coastal Force craft—screening of offices—fitting out information	4013/46
Interference suppression—use of condensers, Patterns 19436 and 19436A for Patterns 19437 and 19437A	*5472/44
Interference suppressors—conduit adaptors—introduction	*4772/45
Interference suppressors for tropical service—introduction	*3537/45
Interference suppressors, Pattern 19441A—introduction	*4162/44
Interference suppressors, Patterns 19449 and 19449A—introduction	*4951/44
Interference suppressors—repair	*2349/45
Internal communications—departmental use	†1599/45
Kites for wireless and gunnery purposes	6371/46
Low power transmitters—fitting of additional sets—As. and As.	4611/45
Marconi International Marine Communications Company's agents—status	948/45
Misuse of wireless equipment in small ships and landing craft	*3171/44
Mobile wireless unit, No.1	†578/46
Mountings for W/T transmitting and rectifying valves—replacement of flexible connections	*3896/42
"Naval Radio Review"—introduction	†265/47, †272/47
Office doors—damage from gun blast	*3314/44
Office security notice—Forms S.279—re-introduction	3282/46
Offices—modernization of second W/T office	*†1001/43
Offices—painting	6133/45
Offices—ventilation—As. and As.	*2792/45
Peruvian waters—use of radio by ships	2044/47
Portable and transportable wireless and R/T sets	†85/47, †314/47
Radar and wireless—line of demarcation	*†660/44
Radar interference to W/T	*6302/44
Radio coverage and field strength diagrams	6963/46
Radio equipment inspectorate (contracts)—organization	4150/47
Radio equipment log—performance record sheets—introduction	1492/46, 2825/46, 3585/45, 3903/46, 4746/46, 5594/46, 685/47, 2598/47, 2775/47, 3043/47, 4227/47
Radio equipment—preservation when placed in state of care and maintenance	5678/46, 6012/46
Radio hazards	1639/47
Radio offices—method of painting	1152/47
Radio silence policy—considerations affecting decision on the policy to be ordered	†1471/45
R.A.F. G.P. emergency set (12-24-volts)—fitting out information	*3778/45
Receiver aerial connections—revised fitting arrangements	*6897/45
Receiving rooms—fitting of typewriters—As. and As.	5457/46

* } See notes on Title page.
† }

General—contd.

Requisitioned vessels released from naval service—disposal of W/T equipment	2323/45
R.N. Signal School, Devonport—address	3477/47
Rooms and offices in signal communication department—names—As. and As.	4412/47
Security of radio and "V/S special" equipment—details of equipment concerned	†332/46
Security of radio and "V/S special" equipment—policy	†231/47
Signal communications—compass platform—RCO—D/F office—As. and As.	†1599/45
Signal communications—general requirements for fitting	*5447/44
Signal communications—destroyers—"Hunt" class	*†2615/43
Signal schools and signal training centres	6026/46
Slydlock fuses—overheating in equipments	851/46
Technical inspection—radio apparatus	1880/46
Telephone communications between W/T office, emergency W/T position and bridge—As. and As.	3196/47
Tolerance marking of carbon resistors	*1972/44
Transmission and reception in the gunnery transmitting station—destroyers—"Hunt" class	*†1546/43
Unsatisfactory state of wireless equipment in ships on completion of refit	*6185/44
Use of colour coded resistances	*1467/43
Use of wireless in war by H.M. ships and merchant vessels	*†409/44
V.H/F equipment—responsibility for upkeep	*5323/44
V.H/F interference suppression—introduction	*3058/45
V.H/F propagation—range and security—reports	†1472/45
V.H/F R/T—communication facilities for spotting aircraft—As. and As.	*†1928/44
V.H/F R/T—fitting—As. and As.	†1733/45, †1917/45
V.H/F R/T—matching of valves	*6184/44
V.H/F sets and associated equipment—failures	*†1322/44
Wireless and allied equipment—supply—cessation of allocation	*6285/45
Wireless equipment in Royal Fleet Auxiliaries—policy	†661/46
Wireless equipment—periodical reports	2701/47, 2704/47
Wireless facilities in transmitting stations	*5499/43
Wireless standardization programme—communication arrangements—latest policy for new design capital ships, aircraft carriers and cruisers	†1866/45, †221/46, 4260/46, †104/47, †186/47

Railing Equipment :—

CNY.1—fitting in L.C.T.(5)	*202/44
CNY.1—introduction	*326/44
CNY.1—modification	*6589/44
CNY.1—replacement of vibrator	*1197/45
CNY.1—suppression of interference in L.C.G.(L)(3) and (4)	*†1127/44, *†1541a/44
CNY.2—introduction	*709/45
Loudspeakers, Patterns W.2041 and W.2041A—fitting of blast traps	1342/47
Supply, installation and maintenance	*6144/43
Type 431—supply to small M.T.Bs.	*3168/44, *4513/44
Type 431—tractors—fitting	3733/46
Type 431/2—supply, installation and maintenance	*3963/43, *5109/43, *5504/43, *2893/44

Homing and Blind Approach :—

Beacons YE/YG or Type 72—organization	†152/47
Type YE—fitting out information	*4092/43, *454/44, 2802/46
Type YE—homing course indicator—introduction	*4752/45
Insulators :—	5456/46
Aerial insulator, Pattern 65378—introduction	3199/47
Insulator deck group OG—fitting out information	

* } See notes on Title page.
† }

Maintenance :—		
Assessment of radio maintenance manpower—points system ..	2205/46	
Associated electrical and mechanical equipment—responsibility ..	†1732/45	
Centralized wireless systems—responsibility ..	4766/44	
Cessation of maintenance by commercial companies ..	1463/46	
Communication secrecy equipment—repair and maintenance ..	†637/46,	
	†136/47	
Dressing ship—radio transmission precautions ..	595/46	
Electrolytic condensers—replacement ..	4747/45	
Equipment—preservation when placed in state of care and main- tenance ..	5678/46, 6012/47	
Hailing equipment—maintenance ..	*6144/43	
Lamps, tungsten filament—replacement for lamps, incandescent, carbon filament in interlock circuits on switches, drum type ..	5979/45	
Lubricant for switches—introduction ..	*2322/45, *4927/45	
Marconi International Marine Communication Company's agents —status ..	948/45	
Polythene cables—protection from funnel gases ..	*2898/44	
Pyrotex cables—cable seals and sealing instructions ..	*3038/44	
Radio maintenance rooms and stowage lockers—provision ..	†1563/45	
Radio maintenance rooms—fitting out information ..	*1316/45	
Radio maintenance rooms in fighting ships ..	7195/46	
Safety enclosures ..	*4775/44	
Slydlock fuses—overheating in equipments ..	851/46	
Soldering ..	*3210/45	
Type 431/2—supply—installation—maintenance ..	*3963/43, *5109/43, 5504/43, *2893/44	
Type TBS—motor generator—modification and maintenance ..	*2760/45	
Use of colour coded resistances ..	*1467/43	
Microphones :—		
Aircraft direction—new microphones for use with transmitters ..	*†888/43	
Pattern 12607 and Pattern 12606—microphone—introduction ..	*2790/45	
Modernization :—		
Remote control arrangements—H/F and M/F transmitters and receivers—As. and As. ..	2920/43	
Second W/T office ..	*†1001/45	
Modifications :—		
Aerial rigs ..	*2466/45	
Existing radio equipments—procedure for supply of stores ..	†1473/45	
Outfit KGA—modulator 2C—defective bracing plates ..	*4748/45	
Radio equipment—modification ..	7080/46	
Types :—		
52 series—modification No. 1 (summary of past modifications)	2664/47	
55—modification No. 1 (summary of past modifications) ..	3017/47	
55M—modification No. 1 (summary of past modifications) ..	2753/47	
57C/CR/D/DR ..	*1323/45	
57C/CR/D/DR—modification No. 1 (summary of past modifications) ..	1735/47	
57CMR/DMR—modification No. 1 (summary of past modifications) ..	1817/47, 3200/47	
57 CMR/DMR modification No. 2—modification to rectifier and grid bias unit and intermediate stage valveholder ..	2663/47	
59—modification No. 1 (summary of past modifications) ..	2935/47	
60 EQR—modification No. 2—Pattern 57255 motor generator —replacement—resistance diverter for Pattern 147 motor generator—introduction and fitting ..	2754/47	
86M/87M—aerial outfits APH and ARU—reports ..	1687/46	
86M/MS—modification No. 1 (summary of past modifications)	2665/47	
87M—" M " type switch ..	*4925/45	
87M/MS—modification No. 1 (summary of past modifications)	2321/47	
87M/MS—modification No. 2—fitting of valve retainers— replacement of flexible couplings ..	3201/47	
89/M—modification No. 1 (summary of past modifications)— reports ..	3018/47	
607 and 608—modification No. 1 (summary of past modifica- tions) ..	3125/47	
TBS—motor generator ..	*2760/45	

* } See notes on Title page.
† }

Modifications—contd.

Types—contd.

TCS—modification No. 1 (summary of past modifications)
Valve holder, Pattern W.4458

Power Supplies :—

A.C. supply outfits :—

DDD—modification to control board	.. .. .	2752/47
DDD, DQB—fitting out information	.. .. .	*3523/45
DL, DRB, DRD—automatic voltage regulators	.. .. .
DQF—fitting out information	.. .. .	*3307/43
DRD—completion of insulation—As. and As.	.. .. .	3386/46
DTD—fitting out information	.. .. .	*3962/43
DWB, DWE—fitting out information	.. .. .	3645/47
DXA—fitting out information	.. .. .	*486/43
C.C.O. power supply arrangements—modification	.. .. .	*6298/44
Centralized power supply system for base ships—boards 2 B.F.	.. .. .	*4164/45
distributing, Pattern Nos. W.8394, W.8395, W.8399 and	.. .. .	*2757/45
W.8400—fitting out information	.. .. .	*50/45
Centralized power supply system—fitting out information	.. .. .	*1551/44
	.. .. .	*1374/44

Receivers :—

General :—

A.R. 88L.F.—details	.. .. .
Aerial filter units—introduction and fitting	.. .. .	*4776/44
B.28—additional set—fitting—As. and As.—submarines	.. .. .	3888/47
B.28—A.V.C.	.. .. .	7572/45
B.28—dial lock and guard—introduction	.. .. .	*436/45
B.28—Notes on I.F. Circuit Alignment—introduction	.. .. .	*2326/45
B.28—pulse limiter	.. .. .	*1627/45
B.50 tuner amplifier and M.50 amplifier—modifications	.. .. .	*2168/45
Pattern W.2702 converter units—fitting	.. .. .	*2045/43
P.38 noise limiter	.. .. .	*5195/44
P.38m, P.47, P.48 and P.104—valves—possible unsatisfactory performance	.. .. .	*2032/45
P.58, Pattern 53997, serial numbers 91–97—incorrect labelling of pattern numbers	.. .. .	*6743/45
Supply	.. .. .	*3656/45
TR.1196—fitting out information	.. .. .	*†261/44
V/S special equipment—allocation—disposal—reports	.. .. .	*2895/44
	.. .. .	†453/46

Outfits CN/CNS, CO/COS :—

CNS.1—fitting out information	*3169/45
-------------------------------	---------	----------

Outfits CAA to CAZ :—

CAB—simultaneous reception of L/F and H/F units	*5500/43
---	---------	----------

Outfits CDA to CDZ :—

CDR—fitting of guards and clamps to receiver, Type CR.300/1,	.. .. .	*4613/45
Pattern M.500	.. .. .	4111/47
CDW and CDY—fitting out information	.. .. .

Remote Control Systems :—

Control outfits :—

KCH, KCJ, KCK, KCL, KCM, KCN, KCO and KCP—fitting out information	.. .. .	*1872/45
KCH, KCJ, KCK, KCL, KCM, KCN, KCO, KCP and KCW—fitting out information	.. .. .	*5388/45
KCQ, KCR, KCS, KCU—details	.. .. .	78/46
KCQ, KCR, KCS and KCU—fitting out information	.. .. .	*3518/45
KCW—fitting out information	.. .. .	*3520/45
KFA, KFB, KFD and KFE—fitting out information	.. .. .	*1967/44
KFD and KFE—arrangements	.. .. .	†441/44
KFD and KFE—designation strips in R/T control units,	.. .. .	*7065/45
Patterns 53290/1	.. .. .	1879/46
KFD and KFE—fitting out information	.. .. .	*3849/44
KGA—fitting out information	.. .. .	*4748/45
KGA—modulator 2C, defective bracing plates—modification	.. .. .	†1126/44
KGA—speech control outfit—introduction	.. .. .	*5085/45
KGD—fitting out information	.. .. .

* } See notes on Title page.
† }

Remote Control Systems—contd.	
C.W.S.—fitting of direct control—As. and As.	*†844/43
C.W.S.—fitting of single-pole contactors	*3400/45
C.W.S.—fitting in the remote control room	*5068/44
C.W.S.—responsibility for maintenance	4766/44
C.W.S.—R/T facilities—As. and As.	†2807/44
H/F and M/F transmitters and receivers—modernization—As. and As.	2920/45
H/F and V.H/F loudspeaker reception in control room	3124/47
Remote control for bombardment	1689/46
Type 60EK—arrangements	*†1875/44
Reports :—	
Aerial outfits APH and ARU—Types 86M and 87M—modifications	1687/46
Type 87M—resonator, Pattern 53293—introduction	1688/46
Type 98M—transmitter 8B	*6742/45
Typewriters—fitting of paper roll adaptor	1259/46
R.I.S. Outfits :—	
R.I.S.(1) and (3)—fitting out information	*3167/44
R.I.S.(3)—replacement valves	*722/44
Sound Reproduction Equipment :—	
Details and allowances	*15/45
Loudspeakers, Pattern 4480/1—additional allowances	*7386/45
Receiver RBO—modification	*6445/44
Receiver R/T, Pattern 4660	*2099/44, *3039/44
Use of unauthorized broadcast receivers	*2525/42
Stores :—	
Additional equipment—R.C.N. ships in U.K. waters	*†542/45
Additional loudspeakers, Pattern 8888A—supply to submarines	*6436/45
Advice to Fleets and Establishments—alternative components to specified items of radio outfits	432/45
Ammeters and voltmeters—introduction of new patterns	*3479/43
Capacitors—metal cased, tubular—introduction	1044/46
Chairs for offices	684/46, 6588/46
Cells, Pattern 14120—used with avometers, Patterns 47A and 48A—introduction	4497/45
Clocks and watches for radio and V/S purposes—revised allowances	4024/46
Combined Operations craft and bases—navigation, signal and wireless stores—revised allowances	†536/46
Complete radio equipments held in base pool stocks—bases in United Kingdom—revised accounting arrangements	3788/45
Disposal of radio equipment from ships reducing to reserve	5209/46
Electric cable, Patterns 12732 and 12747 for wireless outfit, Type KHA/B—introduction	6782/46
Electric cable, Pattern 12750 for flexible leads for W/T sets, Type 612 (F.1c)—introduction	7082/46
Existing radio equipments—procedure for supply of stores—reports	4205/47
First outfit of spares—supply	3209/45
Fuse wire—introduction of new range	3885/46
Interference suppression equipment—demanding procedure	6596/45
Obsolete items—disposal	*4517/44
Pattern 1253 lubricant for radio apparatus switches—transfer from Class E, Group 7(b) to Class E, Group 9	6574/46
Polish, perspex, No. 2, Pattern 739—transfer from Class E, Group 7(b) to Class E, Group 12	6575/46
Quartz crystals—demands	6251/46
Radio apparatus—lubricant for switches—introduction	2322/45
Radio components—interservice reference numbers and catalogues	1077/45
Radio equipment (British)—disposal of pool stocks in the United Kingdom	3875/46
Radio equipment in ships—return of defective stores	2320/47
Radio equipment—method of obtaining first fitting stores	3950/47
Radio equipment—mutilation before disposal	†583/46
Radio equipment—return of special packing cases	5541/45
Radio and V/S stores—pattern numbers	*3446/43
Radio stores—addition of new patterns to authorized list	6964/46, 202/47

* } See notes on Title page.
† }

Stores—contd.

Radio stores—custody and issue	*1096/43
Radio stores—sources of supply	1467/45
Radio stores—stowage	4796/44
Returned radio equipment—local survey	4799/45
Stocks of spares at bases	†308/45
Surplus radio equipment—disposal	3768/46
Surplus stores abroad—disposal	6025/46
Transmitter outfit 4TA—revised E list	*3044/44
Transport of radio valves and cathode ray tubes	835/45
Types 86M/MS—replacement of capacitors	6364/46
Valve packing—salvage	*3860/43
Wireless stores—disposal of returns	3268/46, 2318/47

Teachers :—

Training—QH and Loran systems	5339/46
---------------------------------------	---------

Test Equipment :—

Ammeters and voltmeters—introduction of new patterns—transfer of sub-heads	*3479/43, *6149/43
Avometers, Patterns 47A and 48A—cells, Pattern 14120—introduction	4497/45
Avo valve tester, Pattern 55046—use	*6597/45
B.R. 1614—Handbook for Wavemeter Outfit GY—distribution	6692/46
Interference test set, Pattern 19448	*5557/45
Oscillator G.205, Pattern W.7252—test outfits TOK-TOT—withdrawal from service if fitted with valve CV.1972	4266/46
Radio test equipment—repairs	6013/46
Testing outfits—introduction	707/45
Testing outfit TOK-TOT—demands to complete	5567/46
Type 86M—test equipment 1E-19-A—introduction	*5324/44
Wavemeter outfits	4512/44, 5446/44
Wavemeter outfit GL—tuning of R/T and W/T sets—fitting out information	*2502/44
Wavemeter outfit GN—modification	*5197/44
Wavemeter outfits GN and GS—fitting out information	*1078/45
Wavemeter outfit GR—Crystal Monitor G.99—Handbook—B.R. 1438—issue	885/46
Wavemeter outfit GR—introduction	*6065/44, *6586/44
Wavemeter outfit GY—fitting out information	2506/47
Wavemeters—use with transmitter Type TBL	*6305/44
Wavemonitor outfit GR—installation in submarines	4165/45
Weston analyser and super oscillator for testing W/T equipment	*5326/44

Training :—

General :—	895/47
Combined Signal School—establishment	347/47
Communication training policy	3919/47
Revised training and courses consequent upon the introduction of new signal books	4255/47
Courses :—	5304/46, 5411/46, 7038/46
Communication ratings—courses for 1948	5411/46
Higher communications ratings—courses	7347/45
Qualifying courses—V/S and W/T	2985/46, 4395/46
Radio mechanics (general service)—refresher courses whilst in depot	4256/47
R/T equipment—training in use	†79/47
Senior Officers' technical course—fourth course, 1948	3752/47
Short courses for officers	4209/46
Touch typing courses	2190/47
Typing—supply of "Pitmans" gramophone course of keyboard instructions	
Voice (R/T) instruction—special courses	3250/47
Films :—	
Instructional film strip "Alternating Current" Parts 1-5 (serial No SA.317)	449/47
Ratings :—	†299/47
Junior telegraphist ratings—training at sea in basic radio theory	
Radio warfare—training of ratings	

* } See notes on Title page
† }

Transmitters :—	
General :—	
Additional low power set—As. and As.	.. *†927/44, 4611/45
Types :—	
CNY.1—fitting in L.C.T.(5)	.. .. . *202/44
CNY.1—introduction	.. .. . *326/44
CNY.1—replacement of vibrator	.. .. . *1197/45
CNY.1—suppression of interference in L.C.G.(L)(3) and (4)	*†1127/44, *†1541a/44
CNY.2—introduction	.. .. . *709/45
TV.5—modification	.. .. . *950/45
TV.5 and HT.11—fitting of 4-in. aerial trunk outfit TF	.. .. . *203/44
TW.12—coastal craft fitted with 2nd R/T set—removal of remote control	.. .. . *3170/44
TW.12—introduction of crystal control	.. .. . *2773/42
TW.12C/CM/CH and TW.12D/DM/DH—introduction of new filters for Pattern M.343 motor generator	.. .. . *174/43
TW.12DH/DP—fitting out information	.. .. . *951/45
TW.12EH, TW.12EP—fitting out information	.. .. . *3169/44
TW.12FH/FP—fitting out information	.. .. . *6722/44
4T—aerials	.. .. . *70/44
4TA—revised E list	.. .. . *3044/44
5G—breakdown of smoothing condensers	.. .. . *1941/43
Types 34-49 :—	
48 and 48C—establishment lists	.. .. . *724/44
48C—C.C.O. power supply arrangements—modifications	.. .. . *50/45
49M/MR—modifications to permit simultaneous transmission with transmitter 4T and the main H/F or L/F transmitter	*†1035/43, *†2156/43
49M/MR—replacement—As. and As.	.. .. . †1474/45
49M/MR—wiring—modification	.. .. . *724/43
Types 50-59 :—	
50M/MR—establishment lists	.. .. . *724/44
52ERT—key, magnetic, Pattern W.334—modification	.. .. . *2034/45
52 Series—modification No. 1 (summary of past modifications)	2664/47
55—modification No. 1 (summary of past modifications)	.. .. . 3017/47
55M—fitting—As. and As.	.. .. . *2633/44, *3316/44
55M—fitting—As. and As.—submarines	.. .. . *5389/45
55M—fitting out information	.. .. . *6134/45
55M—modifications No. 1 (summary of past modifications)	.. .. . 2753/47
57C/CR/D/DR—modification No. 1 (summary of past modifications)	.. .. . 1735/47
57CM/CMR/D/DR/DM/DMR and 59D—faulty operation of contactor system	.. .. . *4628/44
57CM/CMR/DM/DMR—fitting of crystal control facilities	.. .. . *†270/43
57CMR/DMR—modification No. 1 (summary of past modifications)	.. .. . 1817/47, 3200/47
57 CMR/DMR modification No. 2—modification to rectifier and grid bias unit and intermediate stage valveholder	.. .. . 2663/47
59—Modification No. 1 (summary of past modifications)	.. .. . 2935/47
Types 60-69 :—	
60D/DR/FR/FV—failure of rectifiers, H.25-16-IX fitted in magnetic switches, Patterns W.576B and W.1182A	.. .. . *438/45
60 series—modification No. 1 (summary of past modifications)	.. .. . 2507/47
60ER—remote control arrangements	.. .. . *†1875/44
60EQR—battery outfit BBz—fitting out information	.. .. . *5231/45
60EQR—fitting out information	.. .. . *4773/44
60 EQR—Modification No. 2—Pattern 57255 motor generator—replacement—resistance diverter for pattern 147 motor generator—introduction and fitting	.. .. . 2754/47
60FR—fitting out information	.. .. . *6444/44
64/T/MT/PT—disposal	.. .. . 3269/46
65—Air Ministry type crystals and crystal adaptor—supply	*†2447/43
65—master oscillator unit—introduction	.. .. . *6582/44

* } See notes on Title page
† }

Types 70-79 :—

72—organization

78T—disposal

Types 80-89 :—

Aerial outfits APH and ARU and Types 86M and 87M R/T sets—modifications—reports †624/46

86M—aerials—fitting out information 3269/46

86M—depth gauge in radio office—As. and As.—submarines 1687/46, 5099/46

86M—fitting out information 1462/46

86M—fitting out information—submarines *723/44, *3776/45

86M—pulse limiter—introduction *5981/45

86M—R.A.F. TR.1196—fitting in air training ships—As. and As. 5229/45

86M R/T set fitted with control outfit KFA, KFB, KFD, KFE or KHA-KHZ—fitting out information *4324/45

86M—test equipment 1E-19-A—introduction 7081/46

86M—transceiver—As. and As.—submarines *5324/44

86 M/MS—modification No. 1 (summary of past modifications) †1202/45

86M/MS—replacement of capacitors 2665/47

86M/87M—aerial outfits APH and ARU—modification—reports 6364/46

86M/87M, transmitters, 7BP and 8C, with common aerial working—dummy aerial load—introduction 1687/46

87—R/T set—fitting out information 487/47

87M—fitting out information *992/44

87M—method of modification of Type "M" switch, A.M. Ref. No. 10F/166 *3040/44

87M—"M" type switch—modification *5194/44

87M—resonator, Pattern 53293—introduction—reports *4925/45

87M R/T set and receiver outfit CDU—fitting out information 1688/46

87M/MS—modification No. 1 (summary of past modifications) 5907/46

87M/MS—modification No. 2—fitting of valve retainers—replacement of flexible couplings 2321/47

89/M—aerials 3201/47

89M—fitting out information *70/44

89/M—introduction of new condensers *3560/44

89/M—modification No. 1 (summary of past modifications)—reports *6583/44

89M/P—fitting out information 3018/47

89M/P—operation in frequency band 1.5 to 2.2 mc/s. *5196/44

89M/P—security of valves *6588/44

89M/P/Q—fitting out information *3424/44

89P—conversion from ET.4436B *3777/45

89P—introduction *1466/45

89Q—introduction *1970/44

89Q—introduction *2167/45

Types 90-99 :—

93—fitting out information *3037/44

93—introduction †339/46

Types 600-609 :—

601, 602 and 602E—fitting out information 5680/46

607/E/F, 608/E/F—fitting out information *3847/44

607 and 608, modification No. 1—(summary of past modifications) 3215/47

607/E/F, 608/E/F—pools of sets and base spares maintenance units—modification *5543/45

Types 610-619 :—

Electric cable, Pattern 12750, for flexible leads for W/T sets, 7082/46

Type 612 (F.1c)—introduction 1745/45

611—emergency transmitter—introduction and allocation *5982/45

616/616M/616P—fitting out information 7080/46

Radio equipment—modification †28/45

Types 680-689 :—

686/M, 687—introduction

* } See notes on Title page
† }

