

HPB
HEAD OF "P" BRANCH
lal
- 9 NOV 1944

A.F.Os. 4566—4682/44

(See Diagram Issue No. 36/44)

RESTRICTED

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Not to be communicated to anyone outside H.M. Service

ADMIRALTY FLEET ORDERS

ADMIRALTY, S.W.1,
31st August 1944.

The following Orders having been approved by My Lords Commissioners of the Admiralty are hereby promulgated for information and guidance and necessary action.

A list of these Orders is enclosed.

By Command of Their Lordships,

H. V. Markham

To all Commanders-in-Chief, Flag Officers, Senior Naval Officers, Captains and Commanding Officers of H.M. Ships, Vessels and C.O. Craft (see A.F.O. 3758/44) Superintendents or Officers in Charge of H.M. Naval Establishments, and Admiralty Overseers concerned.

NOTE:—The scale of distribution is shown in the Admiralty Fleet Order Volume, 1941, Instructions, paragraph 10.

HEAD OF "P" BRANCH

ADMIRALTY FLEET ORDERS

- | No. | Subject. |
|--|--|
| 4565. | Diving—Effects of Breathing Oxygen under Pressure.
<i>Issued separately on 24th August, 1944.</i> |
| <i>31st August, 1944.</i> | |
| SECTION I.—ADMINISTRATION OF THE FLEET, CEREMONIES, FOREIGN PORT REGULATIONS, ETC. | |
| <i>(Station Limits: Fighting Efficiency of Ships: Naval Aircraft Administration: Internal Organization of Ships: Navigation and Seamanship: Fleet Exercises and Practices, etc.)</i> | |
| SECTION 2.—PERSONNEL, PAY, SERVICES, DISCIPLINE, ETC. | |
| 4566. | Honours and Awards.—“London Gazette” Supplement of 22nd August, 1944. |
| 4567. | Clasp to the 1939-43 Star—Issue of Silver Rosette. |
| 4568. | Appointment of Naval Officers as Ministry of Aircraft Production Overseers at Factories Manufacturing Naval Aircraft. |
| 4569. | Accountant Officers Course at the R.N. Safety Equipment and Air Medical Schools, Eastleigh. |
| 4570. | Acting Sub-Lieutenants, R.N.—Courses, September, 1944—REPORTS. |
| 4571. | Appointments of Midshipmen—REPORTS. |
| 4572. | R.N.V.R. Medical and Dental Officers—Qualified Status. |
| 4573. | Warrant Officers Promoted Thereto from Temporary Warrant Rank—Confirmation in Rank. |
| 4574. | Preliminary Professional Examination for Warrant Ordnance Officer, June, 1944—Results. |
| 4575. | Competitive Technical Examination for Warrant Shipwright—Sea-time Qualification. |
| 4576. | Amendment of Form S.439—Passing Certificate of Preliminary Technical Examination for the Rank of Warrant Shipwright, R.N. |
| 4577. | Complement Amendment—Ordnance Officers. |
| 4578. | Complement Amendment—Destroyers. |
| 4579. | C.O. and R.M.L.C. Personnel—Responsibilities of Flotilla Engineer Officers in Regard to Royal Marine Drivers (L.C.). |
| 4580. | Radio Mechanics—Qualifications for Advancement. |
| 4581. | Gunnery Non-Substantive Ratings—Exceptional Qualification for Higher Rating. |
| 4582. | Training of Enginemen (I.C.E.)—Patrol Service. |
| 4583. | Coder Ratings—Training in R/T. |
| 4584. | W.R.N.S.—Working Dress for Officers. |
| 4585. | W.R.N.S.—V/S and W/T Ratings—Advancement. |
| 4586. | London Allowance. |
| 4587. | Ammunition—Explosives Found in the Pockets of Loan Clothing Returned from H.M. Ships. |
| 4588. | Canadians Serving in the R.N.V.R. (Air Branch)—Transfer to R.C.N.V.R. |
| 4589. | Uniform for Canadian Personnel—“Canada” Shoulder Badges. |
| 4590. | Leave for Newfoundland Personnel Serving on T.124 Agreement and Variants. |
| 4591. | Prizes—Gunnery and Torpedo Proficiency. |
| 4592. | Private Photography in H.M. Ships and Establishments. |
| 4593. | Claims for Work done by Naval Ratings and Royal Marines on behalf of other Governments or Private Individuals—Charge for Marriage and Dependents’ Allowance. |
| 4594. | Instructional Film—“Electricity and Magnetism” (Serial Number G.457.) |
| 4595. | Tank Recognition Instructional Films. |
| 4596. | Summary Punishment No. 8—Reduction to the Second Class for Conduct. |
| 4597. | Officiating Ministers of Religion. |
| 4598. | Admiralty Surgeons and Agents. |
| 4599. | Specialist Sick Berth Ratings and V.A.D. Members. |
| 4600. | Cash Advances Made to or Received from other Governments, Government Departments and Private Organizations—Adjustment Procedure. |
| 4601. | Naval Canteen Ratings admitted to R.N. Hospitals. |
| 4602. | Civil Dental Consultant. |
| 4603. | Dispensing Chemist Ratings—Irregular Wearing of “D.C.” Badge. |
| SECTION 3.—G., T., N., E., ETC., & STORES; HULL, EQUIPMENT & FITTINGS. | |
| <i>Gunnery.—(Guns, Mountings, Ammunition, Turrets, Directors, Fire Control, Diving Apparatus, Magazines, etc., and Stores.)</i> | |
| 4604. | Aircraft—Guns—Hispano 20 m.m. Tools, Cleaning, Chamber—Introduction. |
| 4605. | Ammunition S.A. 20 m.m. Oerlikon H.E.T. Lot N.F.C.H., SB.37—Critical Examination—REPORTS. |
| 4606. | Ammunition—Fuzes, Primers and Tubes—Tubes, Vent, Electric 0.5-in. Mark X Lots 12 and 14 to 20 inclusive of H.G. manufacture—Restricted to T.P.O. |

- SECTION 3.—G., T., N., E., ETC., & STORES; HULL, EQUIPMENT & FITTINGS—contd.
- Gunnery.—(Guns, Mountings, Ammunition, Turrets, Directors, Fire Control, Diving Apparatus, Magazines, etc., and Stores.)—contd.*
4607. Ammunition—Fuzes, Primers and Tubes—Tubes, Vent, Electric 1-in. R.T.L. Manufacture—Withdrawal of Certain Lots—REPORTS.
4608. Ammunition—Pyrotechnics—Rockets, Target, Practice—Liability to Parachute Failures—Reports not required.
- 4609.—Ammunition Supply—Naval Armament Depots—Supply, Tests and Returns of Ammunition to.
4610. A.A. Fire Control—Close Range Weapons U.S. Mark 14 Gyro Gunsights—New Repair Shop at H.M. Dockyard, Rosyth.
4611. Guns—Q.F. 5.25-in. Mark I, 4.7-in. Marks XI, XII—XIIB, 4.5-in. Marks I, III and IV and 4-in. Mark XVI* Breech Rings—Inspection and Correction of Radius at Rear of Breech Opening.
4612. Guns—Q.F. 2-pdr. Mark VIII—Tool, Depressing Extractor—Modification.
4613. Guns—20-m.m. Oerlikon—Spring’s Securing Bolt Axis for Sear and Spring’s Securing Feed Axis.
4614. Gun Mountings—0.303-in. Vickers Twin M/G Mark V in “D” Type M.T.Bs.—Foul between Elbow of Mounting and Ship’s Structure.
- Torpedo.—(Torpedoes, Tubes, Mines and Minesweeping, Depth Charges, Paravanes, Electrical Equipment, Anti-Gas, Aircraft Torpedoes, etc., and Stores.)*
4615. Torpedoes—21-in. VIII*—VIII**—Pressure Seated Trunk Box Spindle Unit—Reversion to Plunger from Ball Type Operation.
4616. Torpedo Igniters, Mark XI—Lot No. 147 filled SWYN.9/41—Withdrawal.
4617. Torpedo Tubes, L.C.—18-in. and 21-in.—Chains for Securing Rear Door Clamping Rings.
4618. Hedgehog—Provision of Bin Stowage in Magazines for Projectiles—As. and As.
4619. Lampholder Adaptors—Warning against the use of a Certain Type and Introduction of Adaptor, Pattern 19007.
4620. 1940 Type Combined Overload and Reverse Current Relays in Supply Breakers—Settings.
- Navigation.—(Navigation Stores, Sextants, Compasses, Charts, Anchors, Sails, etc.)*
4621. Commercial Sperry Gyro-Compasses—Bottle Transmitters.
4622. Magnetic Compasses—Safe Distances.
- Engineer.—(Main and Auxiliary Engines, Boilers, other Machinery in Charge of the Engineer Officer, including Catapults, Coal and Oil Fuel, and Engineering Stores.)*
4623. Boiler Tubes, etc.
4624. Refrigerating and Air Conditioning Machinery—Automatic Expansion Valves—Maintenance.
- Signals.—(W/T and V/S Apparatus, Radar, D.F., S.R.E., Wa/T and Stores.)*
4625. Radar Office—Dimming of Lights.
4626. Radar Types 243/Q and 841—Overheating.
4627. Radar Types 282/3/5—Oscillator G.41, Pattern W.3930.
4628. W/T Sets, Types 57CM/CMB/DM/DMR/D/DB, 59D—Faulty Operation of Contactor System.
- Aircraft.—(Technical.)*
4629. Aircraft Equipment—Accounting and Checking Procedure.
4630. Aircraft Radio—ATC-1 Transmitters, Addition of By-pass Condensers.
4631. Aircraft, Radio—L.F.F., Mark III, III G and III G.R. Installations—Bonding.
4632. Aircraft, Radio—Valves, Type VR.91.
- General.—(Hull, Armour, General Equipment and Fittings, etc., and Orders affecting two or more Departments.)*
4633. Aircraft Equipment—Accounting and Checking Procedure.
4634. As. and As.—H.M. Rescue Tugs, Assurance Class.
4635. Pump and Flood Orders—As. and As.
4636. Buzzer, Pattern 1380—(Subhead F.2B)—Supersession.
4637. Clips for Electric Cables.
4638. Electric Lamps—Allowances of Spares.
4639. Gas Cylinders—Return of.
4640. Grease, Water Pump—Description.
4641. Hailing Equipment, Type 431/432—Supply, Installation and Maintenance.
4642. Lantern, Hether, Pattern 378A—Trigger, Signalling, Plunger Type, Pattern 54620 for—Introduction—Modification to Pattern 378B.
4643. Spouts, Iron, Shifting, Galvanized, Pattern 13G, for Oil Casks, Pattern 9D—Withdrawal of Allowances.
4644. Steel Boxes for Haze Screens.
4645. Tubular Steel Chairs for Officers’ Use in Offices.
4646. W/T Transmitters for Stations Abroad—Packing of Valves.
4647. Despatch of Naval Stores and Spare Gear Urgently Required.

SECTION 4.—OTHER STORES—NAVAL STORES*, VICTUALLING STORES,
MEDICAL STORES, CONTRACTS

(*All N.S. Orders not included under Section 3.)

4648. Ammunition—Explosives Found in the Pockets of Loan Clothing Returned from H.M. Ships.
 4649. Admiralty Coal—Stocktaking—REPORTS.
 4650. Restricted Use of Passenger Trains for Admiralty Goods.
 4651. W.R.N.S. M/T Drivers—Limit of Capacity of Vehicles to be Driven.
 4652. Clothing Supplies from Service Stocks to Officers on Detached Duty in the United Kingdom.
 4653. Dehydrated Vegetables.
 4654. Onions—Supply Arrangements, 1944.
 4655. Use of Fresh Foodstuffs.
 4656. Victualling of Persons not Belonging to the Royal Navy.

SECTION 5.—BOOKS, FORMS, RETURNS, CORRESPONDENCE

4657. A.M.S.Is.
 4658. Admiralty Fleet Orders—Indication of New Matter.
 4659. Amendments to Books.
 4660. Air Publications, etc., Distributed during March, 1944.
 4661. Air Publications Distribution of Amendment Lists and Leaflets during July, 1944.
 4662. Air Publications Distributed During the Week ending 5th August, 1944.
 4663. Air Publications Distributed during the Week ending 12th August, 1944.
 4664. B.R. 36—"Medical and Surgical Handbook"—Preparation of a New Edition—REPORT.
 4665. B.R. 257(1)—Addendum to B.R. 257—Handbook for the 4-in. Q.F. Mark XVI* Gun on the H.A. Twin Mark XIX and Single Mark XX Mountings—for 4-in. H.A. Twin Mark XIX Mountings fitted with R.P. 50, 51 and 52—Issue.
 4666. B.R. 791—Wireless Signalling Instructions 1944—Issue.
 4667. B.R. 1056—Specifications for the Conversion of Red Ensign Ships for use in Combined Operations—Distribution.
 4668. Forms O.2 (n)—Introduction.
 4669. Form S.1148(1)—Report of Failure of Motors Rocket, Rockets "U" and Heads (except A.A.D. Type D. (P.A.C.))—Introduction.
 4670. Commander-in-Chief, Western Approaches, and H.M.S. "Eaglet"—Postal Addresses.
 4671. H.M.S. "King Alfred"—Correspondence.
 4672. H.M.S. "Revlis"—Address.
 4673. Report on Naval Operations in the Pacific.
 4674. Rotaprint Duplicators—Stencil Transfer Process on Hot Weather Stations.

SECTION 6.—SHORE ESTABLISHMENTS

4675. Annual Leave in 1944—Civilian Non-Industrial Staffs.
 4676. Balance of Civil Pay—Civil Servants serving with H.M. Forces who are Missing in the Far East.
 4677. Admiralty Supplied Items Delivered Direct to Shipbuilders, Boatbuilders and other Contractors by Manufacturers—Details of Allocation to be Inserted on Manufacturers' Invoice Forms D.55—REPORTS.
 4678. Cash Advances Made to or received from other Governments, Government Departments and Private Organizations—Adjustment Procedure.
 4679. Telephone Facilities for Dominion and Allied Navies in the United Kingdom.
 4680. Civilian Industrial Employees at Home—Compassionate Paid Leave.
 4681. National Savings—Local Deduction Scheme for Industrial Employees.
 4682. Women Industrial Employees in Establishments at Home—Increase in Basic Rates and Revised Bonus.

(Orders marked* have been reprinted for posting on Notice Boards; marked † may be communicated to the Press.)

Section 1

ADMINISTRATION OF THE FLEET, CEREMONIES,
FOREIGN PORT REGULATIONS, etc.

Section 2.—PERSONNEL, PAY, SERVICES, DISCIPLINE, etc.

*4566.—Honours and Awards—"London Gazette" Supplement of
22nd August, 1944

(H. & A.—31 Aug. 1944.)

CENTRAL CHANCERY OF THE ORDERS OF KNIGHTHOOD,
St. James's Palace, S.W.1,

22nd August, 1944.

The KING has been graciously pleased to give orders for the following promotion in the Most Honourable Order of the Bath for distinguished service as Commander-in-Chief, Eastern Fleet:—

To be an Additional Member of the Military Division of the First Class, or Knights Grand Cross, of the said Most Honourable Order

Admiral Sir James Fownes Somerville, K.C.B., K.B.E., D.S.O.

ADMIRALTY,
Whitehall,

22nd August, 1944.

The KING has been graciously pleased to give unrestricted permission for the wearing of the Insignia of the Order of Polonia Restituta conferred by the President of the Polish Republic for services to the Polish Navy, as shown below:—

Order of Polonia Restituta, Second Class

Vice-Admiral Sir James Andrew Gardiner Troup, K.B.E., C.B. (Ret.).

Order of Polonia Restituta, Third Class

Rear-Admiral (E) Brian Leonard Geoffrey Sebastian.
 Captain Reginald Dillworth Howard, R.N. (Ret.).
 Captain Hugh Bowring Mulleneux, C.B.E., R.N. (Ret.).
 Captain Gilbert Howland Roberts, C.B.E., R.N. (Ret.).
 Captain William Derek Stephens, R.N.
 Acting Captain Reginald Francis Morice, R.N.

Order of Polonia Restituta, Fourth Class

The Reverend John Francis Delany, Temporary Chaplain, R.N.

*4567.—Clasp to the 1939-43 Star—Issue of Silver Rosette

(H. & A. 752/44.—31. Aug. 1944.)

The following amendment is made to A.F.O. 661/44, paragraph 4 (a):—

Add H.M.S. "Shuttle."

(A.F.O. 661/44.)

4568.—Appointment of Naval Officers as Ministry of Aircraft Production Overseers at Factories Manufacturing Naval Aircraft

(C.W./A.D.P. 3136/44.—31 Aug. 1944.)

With reference to A.F.O. 1643/44, the following additional appointment has been made:—

Acting Captain (A) R. A. Peyton, R.N.—M.A.P. Overseer at Messrs. Fairey Aviation Co., Ltd., Heaton Chapel, Stockport.

(A.F.O. 1643/44.)

4569.—Accountant Officers' Course at the R.N. Safety Equipment and Air Medical Schools, Eastleigh

(C.W./A.E. 5354/44.—31 Aug. 1944.)

Facilities now exist for a short course in safety equipment and allied matters for Accountant Officers at R.N. Air Station, Eastleigh.

2. The following is a summary of the subjects covered by the course:—

Safety Equipment

- (i) Tour of each phase throughout schools.
- (ii) Practical demonstration in each phase with emphasis on the maintenance of safety equipment.
- (iii) Fitting and assembly of flying clothing.
- (iv) Wet dinghy drill.

Accountant Officer (Stores)

Stores procedure as applicable to safety equipment.

Accountant Officer (Lecture on the following Subjects)

- (a) Scientific feeding.
- (b) Different food substance.
- (c) Vitamins.
- (d) Specimen menu.
- (e) System in force in R.A.F., R.C.A.F., U.S.A.A.F.

Air Medical School

- (a) F.F.S.
- (b) Oxygen.
- (c) "G".
- (d) Survival.
- (e) Flying clothing from the medical aspect.
- (f) Ancillary equipment, helmets, etc.

3. The first course was held during the period a.m. Monday, 31st July, 1944, to p.m. on Wednesday, 2nd August, 1944. Courses thereafter will follow at fortnightly intervals, viz. :—

2nd course commences	14th August, 1944.
3rd course commences	28th August, 1944.
4th course commences	11th September, 1944.
5th course commences	25th September, 1944.
6th course commences	9th October, 1944.
7th course commences	23rd October, 1944.
8th course commences	6th November, 1944.

All courses are of three days' duration, and accommodation at local hotels can be arranged for a maximum of six officers in each course.

4. The sequence of instruction will be as follows:—

Monday	0930-1030	Feeding of aircrews.
	1045-1200	Safety equipment supply procedure.
	1400-1630	Air medicine.
Tuesday	0930-1200	Safety equipment and dinghy drill.
	1400-1630	Safety equipment.
Wednesday	0930-1200	Air medicine.
	1400-1630	General revision.

5. Applications from carriers for Accountant Officers to undergo the course should be forwarded to F.O.N.A.S. by signal.

(A.F.O. 3628/44.)

4570.—Acting Sub-Lieutenants, R.N.—Courses, September, 1944—REPORTS

(C.W. 33943/44.—31 Aug. 1944.)

Provided that they are duly recommended, the Midshipmen named in the following groups are due for promotion to Acting Sub-Lieutenant on the 1st September, 1944, and to undergo shore courses for the rank of Lieutenant. They will be required to join for courses p.m. on the 10th September, 1944.

2. Midshipmen are to be discharged in sufficient time to take a short period of leave before commencing their studies.

3. Attention is particularly invited to K.R. & A.I., Article 263, as amended by K.R. 4/41 and A.F.Os. 2968/42, 12/43 and 929/44.

4. On being discharged from their ships, the private addresses of all officers are to be reported to the Admiralty (C.W. Branch). Officers discharged from ships on foreign stations are also to report their addresses to H.M.S. "Excellent" and the date of their arrival.

5. Individual appointments will not be promulgated in C.W. List of Appointments nor will personal appointments be sent to the officers except where deviation from the programme becomes necessary. Officers will be borne on the books of H.M.S. "Excellent" throughout the courses. They will be accommodated at the establishments named against the respective courses.

6. Commanding Officers are to take steps to ensure that officers concerned who are serving in ships or establishments under their command at the date of the receipt of this Order are made acquainted with its details.

7. Officers proceeding to the R.N. Air Station, Arbroath, for the Air Course should leave London, for Arbroath, on Saturdays, travelling by the train leaving King's Cross at 1900, and arriving at Arbroath at 0641 hours on Sundays.

8. Sub-Lieutenants attending the gunnery course in H.M.S. "Excellent" will wear blue serge working dress, anklets web marine and boots, during instructional hours.

9. A number of Acting Sub-Lieutenants (ex Lower Deck) now undergoing instruction will also be appointed to these courses.

Name.	Ship.	Course.
<i>Group "H"—</i>		
D. J. Hughes-Morgan	"Quickmatch"	<i>Gunnery—</i> Begins 11 Sep. 1944.
J. I. Redrobe	"Hotspur"	Ends 21 Oct. 1944.
N. C. D. Lawton	"Serapsis"	(Firefighting 20 Sep. 1944.
J. M. R. Watson	"Cam"	Submarine 21 Sep. 1944.)
P. D. Thomas	"Forth"	H.M.S. "Excellent."
C. V. Greenfield	"Huron"	<i>Torpedo—</i>
M. B. H. Kersey	"Petard"	Begins 23 Oct. 1944.
J. P. B. Langran	"Kenya"	Ends 11 Nov. 1944.
R. W. Lonsdale	"Haida"	H.M.S. "Vernon,"
J. Stewart	"Jamaica"	Roedean.
J. M. Forbes	"Verulam"	<i>Divisional—</i>
F. F. Simmonds, R.A.N.	H.M.A.S. "Australia."	Begins 13 Nov. 1944.
		Ends 18 Nov. 1944.
		H.M.S. "King Alfred."
		<i>Radar—</i>
		Begins 20 Nov. 1944.
		Ends a.m. 23 Nov. 1944.
		H.M.S. "Excellent."
		<i>Anti-Gas—</i>
		Begins p.m. 23 Nov. 1944.
		Ends 25 Nov. 1944.
		H.M.S. "Excellent."

Name.	Ship.	Course.
<i>Group "H"—contd.</i>		
		<i>Signals—</i> Begins 27 Nov. 1944. Ends 16 Dec. 1944. H.M.S. "Excellent."
		<i>Air—</i> Begins 18 Dec. 1944. Ends 23 Dec. 1944. R.N. Air Station, Arbroath.
		<i>Navigation—</i> Begins 25 Dec. 1944. Ends 10 Jan. 1945. R.N. College, Greenwich
		<i>Plotting—</i> Begins 11 Jan. 1945. Ends 13 Jan. 1945. H.M.S. "Excellent."
		<i>Anti-Submarine—</i> Begins 15 Jan. 1945. Ends 20 Jan. 1945. H.M.S. "Excellent."
<i>Group "I"—</i>		
P. E. M. Harris	"Quiberon"	<i>Navigation—</i> Begins 11 Sep. 1944.
G. S. Physick	"Havelock"	Ends 27 Sep. 1944. R.N. College, Greenwich.
J. M. Vaughan	"Offa"	<i>Plotting—</i> Begins 28 Sep. 1944.
G. V. D. Ransome	"Vigilant"	Ends 30 Sep. 1944. H.M.S. "Excellent."
J. A. K. Prince	"Cam"	<i>Anti-Submarine—</i> Begins 2 Oct. 1944.
G. Joly	"Forth"	Ends 7 Oct. 1944. H.M.S. "Excellent."
V. J. A. Valladares, R.I.N.	"Quadrant"	<i>Gunnery—</i> Begins 9 Oct. 1944.
H. E. Sadler, R.I.N.	"Nizam"	Ends 18 Nov. 1944. (Firefighting 18 Oct. 1944, Submarine 19 Oct. 1944.) H.M.S. "Excellent."
D. Oxley, R.I.N.	"Rapid"	<i>Air—</i> Begins 20 Nov. 1944.
M. G. Smith	"Queensborough"	Ends 25 Nov. 1944. R.N. Air Station, Arbroath.
G. B. D. Freer	"Oribi"	<i>Torpedo—</i> Begins 27 Nov. 1944.
J. Lungley	"Sheba"	Ends 16 Dec. 1944. H.M.S. "Vernon," Roedean.
A. R. Delamore	"Meteor"	<i>Divisional—</i> Begins 18 Dec. 1944.
		Ends 23 Dec. 1944. H.M.S. "King Alfred."
		<i>Radar—</i> Begins 25 Dec. 1944.
		Ends a.m. 28 Dec. 1944. H.M.S. "Excellent."

Name.	Ship.	Course.
<i>Group "I"—contd.</i>		
		<i>Anti-Gas—</i> Begins p.m. 28 Dec. 1944. Ends 30 Dec. 1944. H.M.S. "Excellent."
		<i>Signals—</i> Begins 1 Jan. 1945. Ends 20 Jan. 1945. H.M.S. "Excellent."
<i>Group "J"—</i>		
B. L. C. Kean	"Queensborough"	<i>Radar—</i> Begins 11 Sep. 1944.
C. M. Thompson	"Hotspur"	Ends a.m. 14 Sep. 1944. H.M.S. "Excellent."
E. M. R. Skene	"Obedient"	<i>Anti-Gas—</i> Begins p.m. 14 Sep. 1944.
G. A. F. Bower	"Savage"	Ends 16 Sep. 1944. H.M.S. "Excellent."
P. D. Poland	"Quadrant"	<i>Signals—</i> Begins 18 Sep. 1944.
J. C. Gurney	"Icarus"	Ends 7 Oct. 1944. H.M.S. "Excellent."
R. E. de M. Leathes	"Swift"	<i>Air—</i> Begins 9 Oct. 1944.
D. K. F. Potter	"Jamaica"	Ends 14 Oct. 1944. R.N. Air Station, Arbroath.
R. F. Jones	"Relentless"	<i>Navigation—</i> Begins 16 Oct. 1944.
R. E. Cunninghame-Graham	"Pembroke" for R.N. Barracks.	Ends 1 Nov. 1944. R.N. College, Greenwich
N. B. M. White	"Forth"	<i>Plotting—</i> Begins 2 Nov. 1944.
R. D. Franklin	"Scorpion"	Ends 4 Nov. 1944. H.M.S. "Excellent."
		<i>Gunnery—</i> Begins 6 Nov. 1944.
		Ends 16 Dec. 1944. (Firefighting 15 Nov. 1944, Submarines 16 Nov. 1944) H.M.S. "Excellent."
		<i>Anti-Submarine—</i> Begins 18 Dec. 1944.
		Ends 23 Dec. 1944. H.M.S. "Excellent."
		<i>Torpedo—</i> Begins 25 Dec. 1944.
		Ends 13 Jan. 1945. H.M.S. "Vernon," Roedean.
		<i>Divisional—</i> Begins 15 Jan. 1945.
		Ends 20 Jan. 1945. H.M.S. "King Alfred."

Name.	Ship.	Courses.
<i>Group "K"—</i>		
J. E. C. Rideal	"Petard"	<i>Torpedo—</i>
O. N. A. Cecil	"Inconstant"	Begins 11 Sep. 1944.
G. F. Hollyer	"Faulknor"	Ends 30 Sep. 1944.
D. J. Foster	"Forth"	H.M.S. "Vernon,"
P. R. W. Seymour	"Orwell"	Roedean.
J. C. Sington	"Venus"	<i>Divisional—</i>
M. Ross	"Redoubt"	Begins 2 Oct. 1944.
J. R. Fischel	"Nizam"	Ends 7 Oct. 1944.
D. N. D. Roberts	"Loch Fada"	H.M.S. "King Alfred."
R. J. Barcham	"Forth"	<i>Radar—</i>
A. St. V. Hammick	"Virago"	Begins 9 Oct. 1944.
O. Burd	"Icarus"	Ends a.m. 12 Oct. 1944.
		H.M.S. "Excellent."
		<i>Anti-Gas—</i>
		Begins p.m. 12 Oct. 1944.
		Ends 14 Oct. 1944.
		H.M.S. "Excellent."
		<i>Signals—</i>
		Begins 16 Oct. 1944.
		Ends 4 Nov. 1944.
		H.M.S. "Excellent."
		<i>Air—</i>
		Begins 6 Nov. 1944.
		Ends 11 Nov. 1944.
		R.N. Air Station,
		Arbroath.
		<i>Navigation—</i>
		Begins 13 Nov. 1944.
		Ends 29 Nov. 1944.
		R.N. College, Greenwich.
		<i>Plotting—</i>
		Begins 30 Nov. 1944.
		Ends 2 Dec. 1944.
		H.M.S. "Excellent."
		<i>Anti-Submarine—</i>
		Begins 4 Dec. 1944.
		Ends 9 Dec. 1944.
		H.M.S. "Excellent."
		<i>Gunnery—</i>
		Begins 11 Dec. 1944.
		Ends 20 Jan. 1945.
		(Firefighting 20 Dec. 1944.)
		Submarine 21 Dec. 1944.)
		H.M.S. "Excellent."
<i>Group "L"—</i>		
J. S. F. Newnham	"Kelvin"	<i>Anti-Submarine—</i>
J. P. Holliss	"Racehorse"	Begins 11 Sep. 1944.
J. H. Coryn	"Impulsive"	Ends 16 Sep. 1944.
E. B. G. Aston	"Milne"	H.M.S. "Excellent."
J. G. Wemyss	"Quickmatch"	<i>Air—</i>
W. M. G. Foley	"Opportune"	Begins 18 Sep. 1944.
A. F. Bagley	"Forth"	Ends 23 Sep. 1944.
R. K. Forgan	"Brilliant"	R.N. Air Station,
R. M. French	"Musketeer"	Arbroath.
M. Terrell	"Forth"	<i>Navigation—</i>
J. D. C. Lewis	"Havelock"	Begins 25 Sep. 1944.
P. M. B. Cogswell	"Quadrant"	Ends 11 Oct. 1944.
M. P. Seth-Smith	"Relentless"	R.N. College, Greenwich.

Name.	Ship.	Course.
<i>Group "L"—contd.</i>		
		<i>Plotting—</i>
		Begins 12 Oct. 1944.
		Ends 14 Oct. 1944.
		H.M.S. "Excellent."
		<i>Gunnery—</i>
		Begins 16 Oct. 1944.
		Ends 25 Nov. 1944.
		(Firefighting 25 Oct. 1944.)
		Submarine 26 Oct. 1944.)
		H.M.S. "Excellent."
		<i>Torpedo—</i>
		Begins 27 Nov. 1944.
		Ends 16 Dec. 1944.
		H.M.S. "Vernon,"
		Roedean.
		<i>Divisional—</i>
		Begins 18 Dec. 1944.
		Ends 23 Dec. 1944.
		H.M.S. "King Alfred."
		<i>Radar—</i>
		Begins 25 Dec. 1944.
		Ends a.m. 28 Dec. 1944.
		H.M.S. "Excellent."
		<i>Anti-Gas—</i>
		Begins p.m. 28 Dec. 1944.
		Ends 30 Dec. 1944.
		H.M.S. "Excellent."
		<i>Signals—</i>
		Begins 1 Jan. 1945.
		Ends 20 Jan. 1945.
		H.M.S. "Excellent."

(A.F.Os. 2968/42, 12/43 and 929/44.)

See AFO 4953/46. 4571.—Appointments of Midshipmen—REPORTS
(C.W. 33000/44.—31 Aug. 1944.)

With the view to providing more accommodation in big ships for Midshipmen, R.N. and R.N.R., who are required to take examinations for promotion to Acting Sub-Lieutenant, and in order to provide Midshipmen, R.N., with a period of training in minesweeping, it has been decided that:—

(1) *Midshipmen, R.N.*

Midshipmen, R.N., shall commence their destroyer training immediately after the completion of the seamanship and navigation examinations to allow them to spend the maximum time in destroyers before being discharged to undergo their short courses for the rank of Lieutenant.

During their destroyer training period they are to spend two or three weeks in minesweepers.

(2) *Midshipmen, R.N.R.*

Commanding Officers should take the earliest opportunity of bringing forward R.N.R. Midshipmen for examination in navigation on the successful completion of which they should be sent to small ships.

(3) *Midshipmen, R.N.V.R.*

Midshipmen, R.N.V.R., will be appointed to non-gunroom ships only, in view of the present situation, and the fact that they have no syllabus of training or examination after passing out of H.M.S. "King Alfred".

(4) *Appointments*

The names of Midshipmen, R.N. and R.N.R., transferred to small ships should be reported to the Admiralty as early as practicable for formal appointments to be issued.

(A.F.Os. 12/43 and 4532/43.)

4572.—R.N.V.R. Medical and Dental Officers—Qualified Status

(C.W. 1435/44.—31 Aug. 1944.)

Their Lordships have approved that the status of Qualified Officer may be granted to Medical and Dental Officers, R.N.V.R., both permanent and temporary in the ranks of Surgeon Commander, Surgeon Lieutenant Commander and Surgeon Lieutenant.

The following are the regulations and conditions for the grant of the status.

(a) *Medical Officers.*

- (i) Served at sea for a minimum period of twelve months during the present war.
- (ii) Possesses a good knowledge of Service customs and discipline.
- (iii) Is in all respects able and recommended to perform the ordinary duties of an officer of the R.N. of corresponding rank and seniority in the class of appointment in which he is serving.

(b) *Dental Officers.*

- (i) Served ashore or afloat for a minimum period of twelve months during the present war.
- (ii) Possesses a good knowledge of Service customs and discipline.
- (iii) Is in all respects able and recommended to perform the ordinary duties of an officer of the R.N. of corresponding rank and seniority in the class of appointment in which he is serving.

2. *Recommendations.*—(i) Recommendations are to be initiated by the Commanding Officer of the ship or establishment in which the officer is serving.

(ii) Recommendations are to be forwarded through the usual Service channels to the Admiral Commanding Reserves.

(iii) All recommendations must be supported by a certificate from a medical officer not below the rank of Surgeon Commander R.N. or Surgeon Commander (D), R.N. (as appropriate) stating that he is satisfied from personal observation that the officer is in every respect competent to carry out the normal duties of an R.N. officer of corresponding rank and seniority in the class of vessel or appointment in which he is serving.

(iv) Recommendations are to be accompanied by a report on Form S.206.

(v) A certificate of qualifications detailed in paragraph 1 of this Order must be given in full as applicable.

3. *Effect of Status.*—Qualified Officers of the R.N.V.R. will be distinguished in the Navy List by a star in a circle against their names. They will rank immediately after Officers of the R.N. of the same rank and seniority and qualified Officers of the R.N.V.R. of the same rank and of more seniority; they will thus rank senior to all R.N., and qualified R.N.V.R. Officers of the same rank but of less seniority, and to all R.N.V.R. Officers of the same rank who are not qualified, whatever their seniorities.

4. *Retention.*—For the period of the war Surgeon Lieutenants, Surgeon Lieutenants (D), Surgeon Lieutenant Commanders and Surgeon Lieutenant Commanders (D), who are granted Q.O. status, will retain the status on promotion to the ranks of Surgeon Lieutenant Commander, Surgeon Lieutenant Commander (D), Surgeon Commander and Surgeon Commander (D) respectively.

5. *Retired and Temporary Officers.*—Retired and Temporary R.N.V.R. Officers are eligible to be recommended for the grant of Qualified Officer status.

6. *Deprivation of Status.*—Any Officer who has been granted Qualified Officer status and is reported as being unsuitable to retain it, may be deprived of the status by the Admiral Commanding Reserves and is not thereafter to be recommended for restoration of the status for a period of at least six months.

(A.F.Os. 4916/43 and 4064/44.)

*4573—Warrant Officers Promoted Thereto from Temporary Warrant Rank—Confirmation in Rank

(C.W. 29376/44.—31 Aug. 1944.)

A Temporary Warrant Officer in the Accountant or Medical Branches who has been confirmed in rank, is not required, if subsequently promoted to permanent Warrant rank, to perform any further acting service.

2. A Temporary Acting Warrant Officer in either of these branches who is promoted to permanent Warrant rank is required to serve in Acting Warrant rank only for the period required to complete one year's acting service.

(K.R. & A.I. Art. 306, cl. 10.)

(C.-in-C. Nore's No. 2840/148/1, 28 May, 1944.)

*4574.—Preliminary Professional Examination for Warrant Ordnance Officer, June, 1944—Results

(C.W. 44687/44.—31 Aug. 1944.)

The following ratings were successful in passing the Preliminary Professional Examination for Warrant Ordnance Officer, as laid down in K.R. & A.I., Appendix XII, Part 19, which was held on 6th June, 1944:—

G. W. Preston ...	...	C.O.A. ...	...	P/MX.49240
F. J. Potter ...	...	C.O.A. ...	...	P/MX.50867
J. A. J. Clarke ...	...	C.O.A. ...	...	D/MX.48881
F. S. Reeves ...	...	C.O.A. ...	...	P/MX.48877
H. L. G. Jupp ...	...	C.O.A. ...	...	D/MX.46499
H. S. G. Copplestone ...	...	C.O.A. ...	...	P/MX.48215
W. C. Collins ...	...	C.O.A. ...	...	D/MX.51328

2. The remainder of the candidates failed.

*4575.—Competitive Technical Examination for Warrant Shipwright—Sea-time Qualification

(C.W. 29605/44.—31 Aug. 1944.)

As a temporary war-time measure, the service qualification before being eligible to take the competitive Technical Examination for Warrant Shipwright, R.N., will be:—

“Three years since being rated Acting Shipwright, 4th Class, or above”, i.e. the two years' sea service hitherto required is waived for the duration of the war.

(K.R. & A.I., Article 312, paragraph 3(c). K.R. & A.I., Appendix XII, Part 17, paragraph 3.)

*4576.—Amendment of Form S.439—Passing Certificate of Preliminary Technical Examination for the Rank of Warrant Shipwright, R.N.

(C.W. 22501/44.—31 Aug. 1944.)

Confusion is being caused by the obsolete instructions on Form S.439, which are at variance with the regulations laid down in K.R. and A.I., Art. 312, and Appendix XII, Part 17, paragraph 2.

2. The forms should be amended and brought into line with the regulations quoted above until the present stocks of the forms are exhausted, when a revised issue of the form will be available.

4577.—Complement Amendment—Ordnance Officers

(G. 01032/44.—31 Aug. 1944.)

The following amendment is to be made to schemes of complement:—

H.M. Ships of “Dido” Class (Admiralty Letter P.M./G.03823/38 of 24 February, 1940 and amended by A.F.O. 1658/43).

H.M. Ships of “Dido” Class (on re-arming) (Admiralty Letter N.10279/44 of 1 May, 1944).

H.M. Ships "Royalist", "Diadem", "Spartan", "Bellona" and "Black Prince" (Admiralty Letter N.4011/41 of 3 October, 1941, and amended by A.F.O. 1658/43).

H.M.S. "Scylla" (Admiralty Letter N/G.01018/43 of 16 March, 1944).

H.M. Ships "Implacable" and "Indefatigable" (Admiralty Letter N/G.04142/42 of 9 May, 1944).

H.M. Ships "Indomitable", "Illustrious", "Formidable" and "Victorious" (Admiralty Letter N/G.03285/42 of 11 May, 1944).

Reduce: 1 Cd. or Wt. Ordnance Officer.

Add: *1 Lieut. (E) (for Ordnance duties).

* As a temporary war-time measure, a Cd. or Wt. Ordnance Officer may be appointed in lieu.

(A.F.O. 1658/43.)

4578.—Complement Amendment—H.M. Destroyers

(N. 14691/44.—31 Aug. 1944.)

The following amendment is to be made to schemes of complement:—

H.M. Destroyers ("Town" Class) (except "Lewes") employed as Flying Target Training Ship (Admiralty Letter N.11642/44 of 16 May, 1944).

H.M. Destroyers ("Vees") (formerly "Repeat W" and "V and W" Classes) employed as Flying Target Training Ships (Admiralty Letter N.11642/44 of 16 May, 1944).

H.M.S. "Rosemary" employed as Flying Target Training Ship (Admiralty Letter N.11642/44 of 16 May, 1944).

H.M.S. "Lewes" employed as Flying Target Training Ship (Admiralty Letter N/D.P.S. 799/42/M of 23 December, 1942).

Add: 1 Ordinary Signalman.

1 Ordinary Telegraphist.

(Submission of Commodore, Naval Air Stations (North)—No. 1901/188/3 of 13 Jun. 1944.)

4579.—C.O. and R.M.L.C. Personnel—Responsibilities of Flotilla Engineer Officers in regard to Royal Marine Drivers (L.C.)

(C.O.D. 0260/44.—31 Aug. 1944.)

In Minor Landing Craft (only) Royal Marines are trained and employed in Stoker-driver duties. When so trained and employed they are termed "Royal Marine Drivers (L.C.)." They are under the direct command and administration of their Flotilla Officers and Commanding Officers and N.C.Os. in accordance with the Regulations.

2. The Flotilla Engineer Officers are responsible to Flotilla Officers for the work of Royal Marine Drivers (L.C.) in maintaining and running the engines of their craft.

4580.—Radio Mechanics—Qualifications for Advancement

(N. 14882/44.—31 Aug. 1944.)

Reports have been received indicating that Leading Radio Mechanics have been advanced automatically to the rating of Acting Petty Officer Radio Mechanic and without regard to the qualifications required.

2. Attention is therefore drawn to the conditions under which Leading Radio Mechanics should be advanced, namely, A.F.O. 2214/42 as amended by A.F.O. 5194/43. Commanding Officers are to ensure that no Leading Radio Mechanic is advanced to Acting Petty Officer unless he is fit and fully qualified for advancement.

(F.O.N.A.S. 4319/121/42, 16 Jun. 1944 and N.A.S. (North) 121/9, 4 Jun. 1944.)

(A.F.O. 2214/42 and 5194/43.)

*4581—Gunnery Non-substantive Ratings—Exceptional Qualification for Higher Rating

(N./G.D. 0412/44.—31 Aug. 1944.)

When candidates are accepted for "exceptional" qualification for a higher gunnery non-substantive rating, in accordance with A.F.O. 627/42, they must first carry out the course for the non-substantive rating immediately below the one for which they are recommended.

2. Examples of the effect of this decision are as follows:—

- (i) A Leading Seaman C.R.3, recommended "exceptionally" for Q.R.2, will first carry out the course for Q.R.3.
- (ii) A Petty Officer "other" recommended "exceptionally" for A.A.1 will first carry out the course for A.A.2.
- (iii) An Able Seaman T.M. (passed for Leading Seaman) recommended "exceptionally" for L.R.2, will first carry out the course for L.R.3.

3. On successful completion of the lower course, candidates will immediately become eligible for the course for which they were originally recommended.

4. The rules governing recommendations for "exceptional" qualification as laid down in A.F.O. 627/42, are in no way affected by this decision and are to be strictly adhered to.

(A.F.O. 627/42.)

4582.—Training of Enginemen (I.C.E.)—Patrol Service

(N/N.R. 193/3/42.—31 Aug. 1944.)

The transfers of Enginemen (Steam) to Enginemen (I.C.E.) can now be effected as ratings arrive in Depot and A.F.O. 3753/42 is accordingly cancelled.

(A.F.O. 3753/42 is cancelled.)

*4583.—Coder Ratings—Training in R/T

(N. 18501/44.—31 Aug. 1944.)

In future all coder ratings are to be trained in R/T procedure in order to augment the personnel available in ships for R/T working. It is desired to emphasize that coding must still be regarded as the primary function of such ratings and they are not to be employed on R/T duties except under special circumstances.

2. A knowledge of R/T procedure will be included in the syllabus of all new entry coders and an "A" knowledge of R/T procedure is to be included in all examination syllabuses for coder ratings given in A.F.O. 885/43.

3. The following addition is also to be made to A.F.O. 5570/43, paragraph 1:—

"(d) All coder ratings."

(A.F.Os. 885/43 and 5570/43.)

4584.—W.R.N.S.—Working Dress for Officers

(V. 1/290/44.—31 Aug. 1944.)

His Majesty the King has approved a working dress, as described below, for wear by W.R.N.S. officers in other than hot climates. The uniform is to be known as "W.R.N.S. officers' working dress."

- (a) Blouse.—Similar to that approved for Naval officers (A.F.O. 4669/43).
- (b) Shoulder straps.—Similar to those worn on tropical clothing.
- (c) Skirt.—Similar to uniform pattern for ratings, viz. six-gore, fastening at the left side with three buttons, pocket fitted in plaquet fastening with one button.
- (d) Trousers.—Fitted with two side pockets and two hip pockets, the latter closed with plain buttons; side fastening.
- (e) Headdress.—Navy-blue beret and hat badge, Pattern No. 639, the badge being worn on the left side of the beret.
- (f) Material.—For the blouse, skirt and trousers, navy serge, blue, No. 4.

2. Medal ribbons are not to be worn on working dress.

3. The dress will be optional and may be worn on journeys by sea or in aircraft, and in Naval and dockyard establishments, Naval air stations and Naval air sections during working hours or non-ceremonial occasions, but not by duty officers. It may not be worn on shore outside Naval establishments, nor on long or short leave, nor by officers proceeding to or from their residences. Trousers may only be worn by officers when engaged on duties out of doors under conditions which make the wearing of trousers essential.

4. Subject to the above general instructions detailed orders for the occasions on which the dress may be worn are to be issued by Commanders-in-Chief and Flag Officers Commanding, who have discretion to vary the general rules in exceptional circumstances.

5. W.R.N.S. officers can purchase naval officers' serge working blouses and W.R.N.S. ratings' serge skirts from service sources. Sizes and measurements of the blouses are set out in A.F.O. 4669/43. The following additions are to be made to A.F.O. 1049/44:—

Section 1. Insert asterisk before "Skirts, serge".

Section 2. Add "Skirts, serge . . . 13s. 2d. each".

Section 6. Add "Working suit—Blouse".

6. Berets and shoulder straps for Chief, First, Second and Third officers will be provided for issue on repayment from service sources. Further details will be published when stocks are available and in the meantime, demands for these items should not be made.

7. Attention is drawn to A.F.O. 5830/42 concerning W.R.N.S. officers' tropical working rig.

(A.F.Os. 5830/42, 4669/43, 652/44 and 1049/44.)

4585.—W.R.N.S.—V/S and W/T Ratings—Advancement

(N. 515/44.—31 Aug. 1944.)

It has been decided that ratings who pass the professional examination for Petty Officer Wren V/S or W/T will in future initially be placed on the appropriate roster according to the date of passing the examination.

2. The following amendment is to be made to A.F.O. 700/43:—

Paragraphs 2 (d) and 3 (d) amend to read:—" . . . the roster for Petty Officer according to the actual date of passing and will be eligible . . ."

(A.F.O. 700/43.)

4586.—London Allowance

(N. 16109/44.—31 Aug. 1944.)

Payment of London allowance of 6d. a day to naval ratings, R.M. other ranks and mobile W.R.N.S. ratings, living or employed in the London postal area, who are not already in receipt thereof, is authorized with effect from 14th June, 1944, subject to the following conditions:—

(a) The man or mobile W.R.N.S. rating is in receipt of lodging allowance.

(b) If married, the man's wife, or the mobile W.R.N.S. rating herself, is not in receipt of the special allowance of 3s. 6d. a week payable in addition to ordinary marriage allowance on account of residence in London.

2. Ratings or other ranks for whom London allowance has already been authorized may continue to receive it under the same conditions as at present.

3. London allowance may be used either to supplement lodging allowance or for daily travelling expenses to a cheaper district. Any payments now being made to ratings or other ranks for daily travelling expenses in London should accordingly cease and no further payment of this nature should be authorized.

4. London allowance of 6d. a day is free of income tax.

(A.F.O. 3642/44 is cancelled.)

4587.—Ammunition—Explosives Found in the Pockets of Loan Clothing Returned from H.M. Ships

(G/V. 4085/44.—31 Aug. 1944.)

Live small arm ammunition has been found on several occasions in the pockets of loan clothing returned from H.M. ships to victualling yards or depots.

2. The attention of all concerned is to be drawn to the danger which may result from explosive material being left in pockets of clothing and to the importance of collecting and returning all unexpended ammunition which is issued to individuals.

3. Loan clothing should be examined before return to store to ensure that no explosive material remains in the pockets.

4. Attention is drawn to paragraph 2(f) of A.F.O. 561/44.

(A.F.O. 561/44.)

*4588.—Canadians Serving in the R.N.V.R. (Air Branch)—Transfer to R.C.N.V.R.

See AFO 5915/45.

(C.W. 42490/44.—31 Aug. 1944.)

The Canadian Naval Authorities state that no further transfers of officers under A.F.O. 4534/43 can be accommodated in the present R.C.N. complement.

2. A.F.O. 4534/43 is, therefore, suspended until further notice.

(A.F.O. 4534/43.)

*4589.—Uniform for Canadian Personnel—"Canada" Shoulder Badges

(N.L. 3345/44.—31 Aug. 1944.)

The following copy of a Canadian Naval General Order No. 3286 is promulgated for information:—

" 'Canada' badges are to be worn by officers and ratings of the Royal Canadian Navy serving outside Canada and also by all W.R.C.N.S. personnel regardless of where they are serving. The wearing of 'Canada' badges by officers and ratings (other than by W.R.C.N.S. personnel) serving in Canada is optional.

2. The badge will be of $\frac{3}{8}$ -in. lettering worn $\frac{1}{2}$ inch below the shoulder seam on each arm. In the case of officers, on the greatcoat and jackets, and in the case of ratings, on the overcoat and jacket or jumper. The lettering of the badge on W.R.C.N.S. personnel will be in a straight line, whilst lettering on all other badges will be curved.

3. Illustrations of the 'Canada' badges are appended below:—

Officers and Ratings

W.R.C.N.S. Officers and Ratings

CANADA

CANADA

4. Badges will be worn as follows:—

Gold on Navy Blue background.	Officers' blue and khaki uniform. Ratings' No. 1 dress.
Red on Navy Blue background.	Winter uniform of W.R.C.N.S. officers and ratings.
Blue on Navy Blue background.	Ratings' blue uniform (except W.R.C.N.S. and ratings' No. 1 dress.)
Blue on White background	Summer uniforms of W.R.C.N.S. officers and ratings.
	Officers' white uniforms. Ratings' white uniforms.

5. Six gold and four blue badges are to be issued gratuitously to all W.R.C.N.S. ratings and six red and four blue badges are to be issued gratuitously to all other ratings.

6. Canadian Naval Orders 2169 and 3083 are cancelled.

7. Red, blue and gold Canada badges may be obtained from H.M.C.S. 'Niobe', being issued on repayment at 4d., 4d. and 5d. per pair respectively. It is suggested that the requirements of all R.C.N. personnel in each ship or establishment be communicated at one time to avoid small cash transactions. Gratuitous issues will be forwarded on the written certificate of the Commanding Officer that the rating or officer concerned has not previously received an issue. Gratuitous issues are to be entered in the Rating's Pay Book (S.43A).

8. This Order is to be cross-referenced to Canadian Naval Orders 2672 and 2749."

4590.—Leave for Newfoundland Personnel Serving on T.124 Agreement and Variants
(N. 14584/44.—31 Aug. 1944.)

The provisions of A.F.O. 6373/42, are to apply to Newfoundland personnel serving on T.124 Agreements and variants thereof, including those serving in Admiralty cable ships under C.S.P.I.X. Agreement.

(A.F.O. 6373/42.)

4591.—Prizes—Gunnery and Torpedo Proficiency
(N. 12171/44.—31 Aug. 1944.)

Gunnery and Torpedo proficiency prizes may, if Commanding Officers so wish, be paid in cash to the ratings concerned instead of being credited in the ledger. Such payments will then be brought to account in the monthly cash account.

2. Forms S.297 should still be completed and sent into office as enclosures to the ledger, but they should be suitably amended to show where the payments have been brought to account.

3. The regulations in regard to payments for proficiency in rifle shooting and pistol and machine gun firing remain unaltered.

(C.-in-C., Portsmouth, 26 Jul. 1944, No. 4527/P/6124/18.)

(K.R. & A.I. Art. 1603, I, A and B, and Art. 1604 (j).)

4592.—Private Photography in H.M. Ships and Establishments
(N.L./N.I.D. 4427/44.—31 Aug. 1944.)

A.F.Os. 2139/43 and 4694/43 have been consolidated and are set out below. Attention is, however, drawn to paragraph 7 to which an amendment has been made.

2. Their Lordships have decided that it is no longer in the public interest for officers and men who take photographs suitable for publication to be permitted to dispose of them to newspapers and periodicals as a private transaction, or to make considerable personal profit by such means.

3. Officers and men on leave in the United Kingdom are subject to the same restrictions and have the same privileges as civilians as regards the taking and disposal of photographs, provided that they are taken under conditions available to the general public. Attention is drawn to The Control of Photography Order (No. 1) 1939, reproduced in A.F.O. 2582/43, under which the taking of photographs of certain subjects, except under the prescribed conditions, is made an offence under Defence Regulations, carrying heavy penalties, and also to the Control of Photography Order (No. 2), 1939, (A.F.O. 2582/43) (prohibiting private photography from aircraft without a permit), and the Control of Photography Order (No. 4), 1941 (A.F.O. 2582/43), which prohibits photography (with certain exceptions) in the Orkneys and Shetlands and to Statutory Rule and Order No. 1038 of 1941 (A.F.O. 2582/43), which prohibits the possession of cameras or photography in, with certain exceptions, all ships or vessels other than ships of war. There may also, from time to time, be other restrictions in force consequent on orders, etc. issued by Regional Commissioners or otherwise.

4. Officers and men on leave abroad are free to take photographs or cinematograph films subject to any restrictions imposed by local law except that any such photographs or films which:—

- (i) include any matter relating to British or Allied Naval, Military or Air activities or material, or
- (ii) are taken in any Naval Establishment or any other place to which an officer or man has special access by reason of his being in the Naval or Marine Service.

may be developed, printed and disposed of only under the conditions specified below.

5. The exposure of films from privately owned cameras or cine cameras by Naval or Royal Marine personnel in all other circumstances is to be allowed only subject to the following conditions. The taking of photographs under these conditions in H.M. ships and Naval Establishments will be regarded as compliance with the Control of Photography Orders quoted above, and it will not be necessary for written permits to be given to individuals in possession of cameras.

6. Films exposed with private apparatus in the circumstances referred to in paragraph 5 are not to be handed to commercial firms for development but are to be developed and printed either on board or in a Naval Establishment. If this is not practicable, they are to be forwarded to the Admiralty (Press Division) where processing will be arranged at the owner's expense. Service materials are not to be used for the processing of photographs and films taken with private apparatus. Service dark rooms may be used at the discretion of Commanding Officers, but their use for photograph and films taken with private apparatus is not to interfere with service work, except that in special circumstances the Commanding Officer may give authority for this to be done if there are strong reasons for believing that the negatives or films contain material which will be of more importance to the Service on account of their publicity and propaganda value than the service work which is thereby delayed. This is only to be done in exceptional circumstances with the Commanding Officer's specific authority.

7. Commanding Officers of H.M. ships and Naval Establishments are to appoint a Commissioned Officer (referred to below as the Authorized Officer) who will be responsible for inspecting all photographs and cinematograph films taken with private apparatus and developed on board or in a Naval establishment. This Officer will decide whether they may be released for private circulation, and if they are considered unobjectionable they are, in the case of photographs, to be stamped "Suitable for transmission through the Post (Not for publication)" and if an assignment of his rights in respect of them is executed by the owner in accordance with paragraph 9 of this Order they are to be stamped in addition "Crown Copyright Reserved", before being sent out of the ship or establishment; all subsequent prints must be stamped similarly. The Authorized Officer should date and sign photographs which he passes for transmission through the post. Similar action will be taken at the Admiralty in respect of photographs sent there for processing. No photographs are to be enclosed in privilege envelopes.

8. If any such photograph or cine film is not considered suitable for transmission by post or for private circulation, the Authorized Officer of the ship or establishment concerned is to take possession of the negative and all prints or of the cine film and keep them in a secure place. If these are not required for the purpose of paragraph 9 of this Order they are to be destroyed unless the Authorized Officer considers that they are likely to become suitable at a later date for private circulation, when the negative and all prints may be kept by him in a secure place for a period of six months. At the expiration of that period they are, however, either to be released for private circulation and dealt with in accordance with paragraph 7 of this Order or destroyed.

9. Where any photographs or cine films dealt with under paragraphs 7 or 8 above are considered by the Authorized Officer to be of real value for historical or propaganda purposes or as publicity for the activities of the Navy, the owner is to be required to execute an assignment of his rights to the Crown in the form shown in the appendix to this Order. Consideration

will be given at the end of the war to the possibility of re-transferring the copyright to the original owner. The form of assignment together with the negatives and any available prints or the cine films are to be forwarded to the Director of Press Division, Admiralty; one or more prints may be retained by the owner of the camera at the discretion of the Authorized Officer. If more than one photograph is included in the assignment and forwarded to the Admiralty each photograph is to be marked on the back with a number and identified in the assignment by reference to that number.

10. Once the film has been developed and printed either on board or in a Naval establishment, further prints may be made from the negative by commercial firms, provided that:

- (a) the original prints have been released for private circulation and duly stamped in accordance with paragraph 7 of this Order.
- (b) in cases where the negative is sent by post to the commercial firm it must be accompanied by a print stamped in the above manner.

In no case does this apply to subsequent prints of any photograph which has been retained for historical or propaganda purposes, or for publicity for the activities of the Navy and dealt with in accordance with paragraph 9 of this Order.

11. The following arrangements have been made with the Ministry of Information (hereinafter called the Ministry) with regard to the distribution and publication of photograph and cinematograph films forwarded to the Admiralty in accordance with paragraph 9 above.

All such photographs and cine films will be offered to the Ministry for the question of distribution and publication to be considered. The Ministry will decide in each case whether the photograph or cine film is of real value for historical propaganda or publicity purposes and if it considers it to be of such value will make such arrangements as it considers most desirable for the distribution or publication of the photograph or cine film, or any part thereof. If the photograph or cine film is not considered to be of real value for any of these purposes it will be rejected by the Ministry and returned through the Admiralty to the Authorized Officer concerned, who should then deal with it in accordance with either paragraph 7 or 8 above. The assignment executed in accordance with paragraph 9 above will be regarded as cancelled in so far as it relates to any photograph or any cine film returned.

12. The Ministry will pay to the Admiralty the following sums in respect of any photograph or cine films accepted by it, when offered in accordance with paragraph 11 above. It should be noted that in the case of a cine film part only may be accepted.

- (1) *Still photographs.*—(a) When accepted as suitable for immediate distribution or publication (in the press or elsewhere) a sum of £5 5s. 0d. per photograph.
- (b) When accepted as being of real value for historical propaganda or publicity purposes but considered by the Ministry to be unsuitable in the national interest for present distribution or publication a sum of £2 2s. 0d. per photograph.
- (c) If and when any photograph which is accepted in the circumstances referred to in (b) becomes suitable, in the opinion of the Ministry, for distribution or publication a further sum of £3 3s. 0d. will be paid in respect thereof.
- (2) *Cinematograph Films.*—(a) An initial payment of five shillings per 16-mm. foot.
- (b) Any sum in excess of the above initial payment which is received by the Ministry in respect of the publication, distribution or use of the film. (In this connection it should be noted that the Ministry's method of dealing with cinematograph films does not usually result in any revenue being received by the Ministry. In most cases, therefore, there will not be any payment in addition to that made in accordance with (a) above.)

- (c) When the film is accepted not as a cinematograph film but for the purpose of still photographs being printed from it, such photographs will be paid for in accordance with the above rates for still photographs and no payment will be made in respect of the cinematograph film.

No sum will be paid in respect of any photograph or cine film rejected by the Ministry in accordance with paragraph 11 above.

13. Any sum received by the Admiralty from the Ministry in accordance with paragraph 12 above will be transmitted to the Commanding Officer of the ship or establishment concerned. Part of this sum will be paid to the officer or man concerned to cover the expenses of taking the photograph or film and the balance is to be paid into the Ship's Fund or Base Fund as provided for in K.R. & A.I., Article 630 (4). The expense should be calculated on a reasonably generous basis and such items as insurance, depreciation and the loss resulting from exposures which do not turn out satisfactorily should be taken into consideration. As a guide sums from £1 10s. 0d. to £3 0s. 0d. would normally be appropriate for expenses in the case of still photographs and up to £5 0s. 0d. in the case of cinematograph films.

14. Apart from any publication authorized by the Crown of photographs dealt with under paragraph 8 above, under no circumstances are photographs or cine films taken or made with private apparatus on board ship or in any Naval establishment, to be published without the authority of the Admiralty, and the officer or man who took the photographs will be held responsible in the event of unauthorized publications.

15. No photographs or cine films are to be taken or made in any of H.M. Dockyards without permission of the Superintendent.

16. All holders of private cameras are to notify the Authorized Officer who is to keep a record of these including a signed statement that each holder fully understands the instructions contained in this Fleet Order.

17. K.R. & A.I., Article 1253d, is cancelled. Paragraph 24 of Part I in B.R. 7/41 (Censorship and Treatment of Naval Mails and Telegrams in Time of War) has been amended to conformity with the foregoing provisions by A.F.O. P.552/44.

APPENDIX.

This Assignment made the.....day of.....19....., betweenof..... (hereinafter called "the Assignor") of the one part and the Controller of His Majesty's Stationery Office (hereinafter called "the Controller") for and on behalf of His Majesty of the other part.

WITNESSETH that in consideration of such sums as are payable by the Admiralty in accordance with paragraph 13 of A.F.O. 4592/44, the Assignor as beneficial owner hereby assigns to the Controller the copyright and all other rights of a like nature now conferred in respect of the work(s) hereinafter mentioned by the law in force in any part of the world of and in (a) 16-mm. cinematograph film(s) ft. in length) (series or number of) photograph(s) numbered respectively)* and representing

of which the original negative(s) (was) (were all) made by the Assignor. For all the residue of the term of copyright or other rights of a like nature therein or so much thereof as is capable by law of being assigned.

In WITNESS whereof the parties hereto have hereunto set their hands the day and year first before written.

Signed by the said
in the presence of

*Omit those words in brackets inapplicable to cinematograph films or still photographs as required.

(K.R. & A.I., Article 1253d, will be cancelled.)

(A.F.O. 2582/43.)

(A.F.Os. 2139/43 and 4694/43 are cancelled.)

4593.—Claims for Work Done by Naval Ratings and Royal Marines on Behalf of Other Governments or Private Individuals—Charge for Marriage and Dependants' Allowance.

(N. 17452/44.—31 Aug. 1944.)

The charge for marriage allowance and dependants' allowance in connection with the formulation of claims for work done by Naval ratings and Royal Marines for private individuals, Dominion, Colonial, Dependent, or Foreign Governments is, until further notice, to be levied at the rate of 2s. a day in respect of all Naval ratings on Naval rates of pay and Royal Marines (whether married or single), but not boys, employed upon the job. The revised rate is to apply to all future claims, but is not to have effect prior to 4th May, 1944. Charges in respect of periods prior to this date are to be at the pre-existing rate of 1s. 10d. a day.

(K.R. & A.I. Article 1771.)

(A.F.O. 1110/42 is cancelled.)

4594.—Instructional Film—"Electricity and Magnetism" (Serial Number G.457)

(N.T. 5128/44.—31 Aug. 1944.)

With reference to A.F.O. 4251/43, a U.S. Army training film, entitled "Electricity and Magnetism" (serial number G.457), has been received and Part 2 "Ohms Law" and Part 3 "Storage Batteries" will be distributed as follows without demand:—

No. of copies
35-mm. 16-mm.

(a) Copies for re-issue on temporary loan:—

Command Instructional Film Libraries:—

Scapa	} A.F.O. 4251/43 paragraph 10 refers	}	2	2
Rosyth			2	2
Glasgow			2	2
Liverpool			2	2
Chatham			2	2
Portsmouth			2	2
Devonport			2	2
London			1	1

(b) Copies for retention:—

H.M. Signal School	1	—
Signal Section, R.N. Barracks, Portsmouth	—	1
A.S.E. Extension, Sherbrooke House	—	1
H.M.S. "Valkyrie"	1	—
Northampton Polytechnic, London, E.C.1	1	—
H.M.S. "Vernon" (R)	—	1
H.M.S. "Vernon" (P)	1	—
H.M.S. "Defiance"	1	—
H.M.S. "Marlborough"	1	—
R.N. Torpedo School, Chatham	—	1
Chelsea Polytechnic, London, S.W.3	—	1
Guildford Technical College	—	1
Manchester College of Technology	—	1
Rutherford College, Newcastle-on-Tyne	—	1
S.W. Essex Technical College, Walthamstow	—	1

2. Application for copies of this film on temporary loan should be made in accordance with A.F.O. 4251/43 (paragraph 10).

(A.F.O. 4251/43.)

4595.—Tank Recognition Instructional Films

(N.T./A.W.D. 693/44.—31 Aug. 1944.)

With reference to A.F.O. 4251/43, copies of the following Army instructional films are being made available for distribution to the Libraries and Establishments as referred to in paragraph 2 below:—

Spot That Tank
Tanquiz I and II
Japanese Light Tank M.2595
Japanese Tankette M.2592

2. The distribution referred to above will be as follows:—

Glasgow Library } A.F.O. 4251/43
Scapa Library } paragraph 10 refers
R.N.A.S., Henstridge
C-in-C., Eastern Fleet
R.M. Military School, Thurlestone
R.M. Depot, Deal
R.M. Training Group, Dalditch
R.M. Training Group, Towyn
Royal Marines, Portsmouth Division
Royal Marines, Chatham Division
Royal Marines, Plymouth Division

(A.F.O. 4251/43.)

4596.—Summary Punishment No. 8—Reduction to the Second Class for Conduct

(N.L. 8093/44.—31 Aug. 1944.)

The following rules for the assessment of the character of men reduced to the second class for conduct are promulgated in amplification of those given in paragraph 1 of A.F.O. 3393/43:—

If in the period of assessment a man has been *The maximum assessment allowed is*

- (a) Reduced to the second class for conduct for a period not exceeding two months in the aggregate. "Good."
- (b) Reduced to the second class for conduct for a period exceeding two months in the aggregate, but not exceeding six months. "Fair."
- (c) Reduced to the second class for conduct on two or more occasions, involving a period exceeding six months in the aggregate. "Indifferent."

Where reduction to the second class for conduct is awarded during the first three years of man's time, a character assessment of "V.G.x" may be awarded if restoration to the first class is allowed at the end of the first month and the man is otherwise eligible.

2. Men restored to the first class for conduct within a period of three months are *not* to be restored to the first class for leave at the same time as provided in K.R. & A.I., Article 572, clause 2, but are to remain in the second class for leave for the minimum period of three months as laid down in Article 573, clause 2.

3. With reference to paragraph 1 of A.F.O. 1072/44, it is emphasized that reduction to the second class for conduct may not be awarded to any man except for the offences specified in K.R. & A.I., Articles 566 or 552, or for serious leave-breaking offences.

(K.R. & A.I., Articles 552, 566, 572 and 573.)

(A.F.Os. 3393/43 and 1072/44.)

4597.—Officiating Ministers of Religion

(C.E. 55425/44.—31 Aug. 1944.)

*The following appointment has been approved :—Church of England—*W.R.N.S. Establishment, Gayhurst,
Bucks.Rev. R. Collins,
The Vicarage,
Olney,
Bucks.

(Vice Rev. E. H. W. Leachman)

2. The usual facilities are to be afforded.

4598.—Admiralty Surgeons and Agents

(C.E. 14551/44.—31 Aug. 1944.)

The undermentioned appointments as Admiralty Surgeons and Agents have been made :—

Place	Name	Address	Remarks
Ditton Priors and Bridgnorth.	Mr. J. Low, M.B.	The Old Rectory, Cleobury North, Bridgnorth, Salop. Telephone : Burnwarton 206.	Vice Mr. F. Bromley.
Dorchester	... Mr. E. W. Mann, M.B., Ch.B.	Montrose, Prince of Wales Road, F. W. Sumner. Dorchester. Telephone : Dorchester 81.	Vice Lieut.-Col.
Milbourne St. Andrew and Milton Abbas.	Mr. H. F. C. Hensel, M.R.C.S., L.R.C.P.	Milton Abbas, Blandford, Dorset. Telephone : Milton Abbas 210.	—

4599.—Specialist Sick Berth Ratings and V.A.D. Members

(M.D.G. 21746/44.—31 Aug. 1944.)

R.N. Auxiliary Hospital, Seaforth, is hereby added to the list of establishments where examinations can be carried out for Specialist Sick Berth ratings and V.A.D. members, as defined in A.F.O. 6089/43, paragraph 2, line 11.

(A.F.O. 6089/43.)

4600.—Cash Advances Made to or Received From Other Governments, Government Departments and Private Organizations—Adjustment Procedure.

(D.N.A. 26822/44.—31 Aug. 1944.)

When advances of cash are made by R.N. Accountant Officers and Cashiers to or on behalf of Allied, Dominion and Foreign Governments, other Government Departments (e.g., Army, R.A.F. and M.O.W.T.) or private organizations, action to effect recovery is taken by the Director of Navy Accounts as a normal procedure, following the receipt in office of the relative Cash Account vouchers.

2. In certain instances, particularly at establishments abroad, Accountant Officers and Cashiers making such advances have found it advantageous to obtain direct recovery from the local representative of the Government, Department or organization concerned and have taken steps accordingly. Whilst there is no official objection to this course, which is left to the Accountant Officer's discretion, it is essential, in order to avoid duplication of recovery action, that the following procedure should be observed :—

- Where steps to obtain local recovery are taken or contemplated, a note to this effect is to be endorsed on the original Cash Account voucher ; in such cases, no recovery action will be taken at the Admiralty.
- When recovery has been effected, either by the Accountant Officer who made the advance or through another Accountant Officer, action is to be taken to ensure that a cross-reference is made on the recovery voucher to the number and date of the voucher on which the advance was originally made.

(e) Accountant Officers and Cashiers are to exercise care to ensure that full recovery is effected in all cases in which recovery action is reported as having been taken locally. In the event of any difficulty being experienced in obtaining settlement, the facts should be reported.

3. Similar precautions are to be taken in dealing with the adjustment of cash advances received from other Governments, etc.

4. It should be noted that cash advances made by Home Establishments to H.M. Canadian vessels based on Great Britain (Parent Establishment : H.M.C.S. "Niobe," c/o Canadian Fleet Mail Office, 45, Renfrew Street, Glasgow, C.2) are to be adjusted in accordance with the procedure indicated in A.F.O. 1114/42.

(A.F.O. 1114/42.)

A.F.O. 4601/44.

4601.—Naval Canteen Ratings Admitted to R.N. Hospitals or Sick Quarters

(N/D.P.S. 612/44/W.—31 Aug. 1944.)

In the event of a Naval Canteen Rating being admitted to a R.N. hospital or sick quarters the following information is to be furnished to the Manager, Naval Canteen Service, Ruxley Towers, Claygate, Esher, Surrey :—

(a) On admission to hospital.

- Name and rating.
- Date of admission.
- Nature of illness.
- Whether due to—
 - Accident.
 - Misconduct, carelessness or neglect.
 - Naval service.
- Probable duration of illness.

(b) On discharge from hospital.

- Name and rating.
- Date of discharge.
- Advances of cash (if any).
- Whether fit for sea service, light duty or recommended for sick leave (period to be stated).

Note.—A certificate giving this information is to be handed to the rating himself, but only in a sealed envelope marked "private," for delivery to the NAAFI official to whom he is instructed to report.

2. In cases of prolonged illness, interim reports as to the progress of the patient should be furnished to the Manager, Naval Canteen Service.

(A.F.O. 6261/42.)

4602.—Civil Dental Consultant

(M.D.G./C.E. 14322/44.—31 Aug. 1944.)

The address of Mr. C. F. Rumsey, M.R.C.S., L.D.S., the Civil Dental Consultant, is now :—

"Redcroft",
Belstead Road,
Ipswich.
(Telephone No. : Ipswich 2981.)

2. Facilities for consultation at the private residence are hereafter discontinued. Mr. Rumsey will, however, be available to visit Naval Dental Centres should his professional advice be required.

(A.F.Os. 1933/44 and 2331/44.)

***4603.—Dispensing Chemist Ratings—Irregular Wearing of "D.C." Badge**

(N. 17439/44.—31 Aug. 1944.)

The wearing of a badge consisting of the sick berth staff badge with the letters "D.C." added is unauthorized and is to be discontinued. Attention is drawn to A.F.O. 1051/43.

2. The description "S.B.A. (D.C.)" to denote sick berth ratings who are qualified as dispensing chemists, however, is to be continued.

(A.F.O. 1051/43.)

Section 3.—G., T., N., E., etc., & STORES; HULL, EQUIPMENT & FITTINGS

4604.—Aircraft—Guns—Hispano 20-mm.—Tools, Cleaning, Chamber—Introduction

(A.S. 1707/44.—31 Aug. 1944.)

Cleaning tools for chamber of Hispano 20-mm. guns have been introduced into Naval service.

2. The items comprise:—

Tools, cleaning, chamber:—

R.A.F. Ref. No. 8D/2619. Handles, chamber cleaning.
R.A.F. Ref. No. 8D/2620. Head with pilot.
R.A.F. Ref. No. 8D/2621. Mops, wool.
R.A.F. Ref. No. 8D/2622. Brushes, side chamber.

3. Allowances to H.M. ships, R.N. air stations and squadrons will be in the following proportions—

Service	Handles 8D/2619	Heads 8D/2620	Mops 8D/2621	Brushes 8D/2622
(1)	(2)	(3)	(4)	(5)
Squadron with 2 cannon aircraft ...	4	—	8	8
Squadron with 4 cannon aircraft ...	6	—	12	12
Carrier with one squadron of 2 or 4 cannon aircraft.	4	2	8	8
Carrier with two squadrons of 2 or 4 cannon aircraft.	6	4	12	12
Carrier with three squadrons of 2 or 4 cannon aircraft.	8	6	16	16
R.N. air stations with following allowance of Hispano tools and spares as in C.B. (R) 4252/42.				
"V"	4	4	8	8
"W"	2	2	4	4
"X"	2	2	4	4
"Y"	6	4	12	12
H.M.S. "Unicorn"	6	4	12	12

Squadrons with less than 10 aircraft will be allowed one-half of the quantities shown.

3. Ships and stations at home should demand on the appropriate R.N. armament depot.

4. Quantities of the items are being sent to R.N. Armament Depot at Colombo and ships and air stations in the Eastern Theatre should demand on that depot.

4605.—Ammunition S.A. 20-mm. Oerlikon H.E.T. Lot N.F.C.H. 8.B.37—Critical Examination—REPORTS

(A.S. 9069/44/B.89.—31 Aug. 1944.)

One box of 20-mm. Oerlikon H.E. tracer ammunition of Lot N.F.C.H. 8.B.37 is required for investigation of cap sensitivity.

2. Commanding Officers of H.M. ships at home and abroad should report by signal to the Admiralty (Director of Armament Supply, Branch "B") particulars of any of this ammunition on board.

3. Naval Armament Depots at home and abroad are to set aside, if available, one box of the ammunition referred to, and report particulars by signal to Director of Armament Supply (Branch "B"), when disposal instructions will be given.

4. This ammunition should be regarded as coming under Category "B" of C.A.F.O. 991/42.

(C.A.F.O. 991/42.)

4606.—Ammunition—Fuzes, Primers and Tubes—Tubes, Vent, Electric 0.5-in. Mark X Lots 12 and 14 to 20 Inclusive of H.G. Manufacture—Restricted to T.P.O.

(A.S. 1430/44/B.89.—31 Aug. 1944.)

All tubes, vent, electric, 0.5-in., Mark X, of H.G. manufacture, Lots 12 and 14 to 20 inclusive, on board H.M. ships at home and abroad, are to be restricted to testing circuits. Boxes and tins containing these tubes are to be suitably marked and others drawn in lieu for service purposes.

2. At Naval Armament Depots at home and abroad, all packages containing tubes of this description in store are to be marked "For testing purposes only".

4607.—Ammunition—Fuzes, Primers and Tubes—Tubes, Vent, Electric, 1-in., R.T.L. Manufacture—Withdrawal of Certain Lots—REPORTS

(A.S. 8206/44/B.89.—31 Aug. 1944.)

Blowbacks causing damage to gun mechanisms have occurred with tubes, vent, electric, 1-in., of R.T.L. manufacture. Lots affected are R.T.L. 96, 97, 98 and 109, filled Br. 4/44 and 5/44.

2. Tubes can be identified by the markings R.T.L. on the base.

3. Commanding Officers of H.M. ships are to arrange for 1-in. tubes on board to be examined. Any of these lots found are to be landed at the first opportunity at the nearest N.A. Depot in exchange for other unrestricted tubes.

4. Tubes of these lots come under category (a) of C.A.F.O. 991/42.

5. N.A. Depots at home and abroad should set aside under "red card" all tubes of these lots in store and received from ships and report on 1st October total quantities available of each lot.

(C.A.F.O. 991/42.)

4608.—Ammunition—Pyrotechnics—Rockets, Target, Practice—Liability to Parachute Failures—Reports Not Required

(G/A.S. 7869/44.—31 Aug. 1944.)

Rockets, Target, Practice, Mark I* (paper parachutes) and Mark II (cotton parachutes) are liable to failure in the form of the parachute opening partially or not at all. Such failures are more likely to happen when the

Rocket is fired in a dead calm: a sufficient "aiming mark" is usually presented by a partially opened parachute.

2. In view of this known liability to failure, it has been decided that reports called for by N.M. and E.R., Article 314, need not be furnished.

3. The possibility of overcoming this defect is under investigation.

4609.—Ammunition Supply—Naval Armament Depots—Supply, Tests and Returns of Ammunition to

(A.S. 9787/44.—31 Aug. 1944.)

All cartridges containing cordite of the following lot and sub-lots on board sea-going ships are to be landed by the dates shown in column 1 hereunder:—

Lot No.	Size	Cartridges into which filled
W.A.13000 ... 10/44 R.D.N/A.042		{ Q.F., 4-in., Mark V gun B.L., 4·7-in. gun
W.A.13145XB ... 10/44 R.D.N/A.052		Q.F., 4·7-in., Marks IX–XII gun
R.N.C.1416C ... 11/44 109 S.C.		Q.F., 4·7-in., Marks IX–XII gun
R.N.C.1726C ... 11/44 109 S.C.		Q.F., 4·7-in., Marks IX–XII gun
R.N.C.2305C ... 11/44 109 S.C.		Q.F., 4·7-in., Marks IX–XII gun

2. At depots abroad, cordite in all cartridges so received together with any in store is to be destroyed forthwith.

3. At home depots, any cartridges or bulk cordite of the above lot or sub-lots required for trials, experiments or Gunnery School firings, may be retained for a further period of six months from date of withdrawal.

4610.—A.A. Fire Control—Close Range Weapons, U.S. Mark 14, Gyro Gunsights—new Repair Shop at H.M. Dockyard, Rosyth

(G. 014374/44.—31 Aug. 1944.)

With reference to paragraph 91 of C.A.F.O. 1401/44 the Repair Base for U.S., Mark 14 Gyro Gunsights at H.M. Dockyard, Rosyth, is now coming into operation.

2. In order to distribute the defective sights removed from ships refitting in the U.K. evenly between the new repair shop and the existing one at H.M. Dockyard, Portsmouth, as from the 1st October, 1944, all refitting authorities south of a line from Liverpool to the Wash, including the Wash area, are to send any defective U.S. Mark 14 Gyro Gunsights to the Manager Engineering Department, H.M. Dockyard, Portsmouth, and all authorities north of the line, including Liverpool, are to send them to the Manager, Engineering Department, H.M. Dockyard, Rosyth. Refitting authorities abroad are to continue to send any defective sights to Portsmouth, pending the setting up of the repair bases at Malta and Colombo.

3. The position of the line referred to in paragraph 2 may be revised at some future date depending on whether the defective sights landed in U.K. are more or less evenly divided between the two repair bases.

4. Attention is drawn to paragraphs 93 to 97 (inclusive) of C.A.F.O. 1401/44 re the packing of defective sights.

(C.A.F.O. 1401/44.)

4611.—Guns—Q.F. 5·25-in., Mark I, 4·7-in., Marks XI, XII–XIIIB, 4·5-in., Marks I, III and IV, and 4-in., Mark XVI* Breech Rings—Inspection and Correction of Radius at Rear of Breech Opening

(A.S. 02869/43.—31 Aug. 1944.)

The following modification is approved:—

Guns—Q.F. 5·25-in., Mark I, 4·7-in., Marks XI, XII–XIIIB, 4·5-in., Marks I, III, and IV, and 4-in., Mark XVI*

Part affected ... Breech ring.

Purpose ... To avoid possible fracture due to insufficient radii.

Nature of modification ... Radii at rear of breech opening should be examined and if found to be less than 0·08-in., are to be undercut.

After undercutting, where this is found to be necessary, all radii are to be etched with 10 per cent. nitric acid for detection of cracks.

Drawing ... Instructional Print N.O.D. 3112/62.

By whom to be done ... R.N. Armament Depots.

Degree of urgency ... Guns in store before issue, if possible; guns in service at first opportunity. All guns for proof or experimental establishments must in every case be examined and modified if necessary before issue.

2. Attention is drawn to the importance of ensuring that radii are truly formed, free from tool marks, polished and carefully blended out. It is also important to maintain these radii in a polished state and free from scoring, and attention should be paid to this when guns are in hand for overhaul or repair, etc.

3. Apparatus is being manufactured for modification of guns while mounted. Sets of this apparatus will in due course be distributed to Royal Naval Armament Depots, by the Armament Supply Officer, Plymouth, in accordance with A.S.O. 2869/43 of 13th July, 1944.

4. R.N.A. depots should arrange with inspecting officers for the endorsement of memoranda of inspection to indicate that guns have been inspected for correctness of radii and adjusted if necessary.

4612.—Guns—Q.F., 2-pdr., Mark VIII—Tool, Depressing Extractor—Modification

(A.S. 9631/44.—31 Aug. 1944.)

The following modification is approved:—

Gun ... Q.F., 2-pdr., Mark VIII.

Part affected ... Tool, depressing extractor.

Purpose ... To ensure that tool will depress extractor sufficiently.

Nature of modification ... Metal to be removed from shoulders.

Drawing ... A.F.O. Diagram 277/44.

By whom to be done ... Staffs of H.M. ships, bases or R.N.A. depots.

Degree of urgency ... As convenient.

4613.—Guns—20-mm. Oerlikon—Spring's Securing Bolt Axis for Sear and Spring's Securing Feed Axis

(A.S./C.I.N.O. 8405/44.—31 Aug. 1944.)

Spring's securing bolt axis for sear (item 44) and Spring's securing feed axis (item 441) of Lewis Spring Co. manufacture are liable to fracture on being sprung open and should be scrapped. These springs can be recognized by being finished blue instead of parkerised, i.e., black.

2. Ships should demand replacements from the nearest N.A. depot.

4614.—Gun Mountings—0·303-in., Vickers Twin M/G, Mark V, in "D" Type M.T.Bs.—Foul Between Elbow of Mounting and Ship's Structure

Ships, Coastal Force Bases and F.O.G.M.Os. concerned

(G. 4417/44.—31 Aug. 1944.)

It has been reported that in some instances 0·303-in. Vickers Twin M/G, Mark V mountings, fitted in "D" Type M.T.Bs., cannot be swung inboard in an anti-clockwise direction on account of the elbow of the mounting fouling the aft corner of the armour plate canopy over the bridge chart recess.

2. In such cases the arms of the mountings are to be shortened in accordance with A.F.O. 6118/43; where it is not desired to shorten the arms by the full amount they should be shortened sufficiently to obtain the clearance required.

3. The work involved should be treated as a defect.

(A.F.O. 6118/43.)

(This Order to be retained until complied with.)

4615.—Torpedoes—21-in. VIII*—VIII—Pressure Seated Trunk Box Spindle Unit—Reversion to Plunger from Ball Type Operation**

(A.S. 8471/44.—31 Aug. 1944.)

Some 21-in. Mark VIII*—VIII** torpedoes have been fitted with a pressure seated trunk box spindle unit operated by ball valve. This design has not proved satisfactory and has been withdrawn from manufacture having been replaced by a plunger operated type.

2. As 21-in. Mark VIII*—VIII** torpedoes pass through torpedo depots the ball valve type units will be withdrawn and converted to or replaced by plunger operated units under Classification "C," of A.F.O. 3169/43.

3. Torpedoes fitted with the ball type unit are 21-in. Mark VIII** A.W. Reg. Nos. 1889—1972 inclusive, less Nos. 1896, 1912 and 1961. Torpedoes already fitted with the plunger type unit are 21-in. Mark VIII** A.W. Reg. Nos. 1896, 1912, 1961, and 1973 onwards, and all 21-in. Mark VIII** of A.A. manufacture.

4. The corresponding T.D.I. is 1797.

(A.F.O. 3169/43.)

(A.F.O. 5360/43 is cancelled.)

4616.—Torpedo Igniters Mark XI—Lot No. 147 Filled SWYN.9/41—Withdrawal

(A.S. 04384/43.—31 Aug. 1944.)

Igniters, torpedo, Mark XI of Lot No. 147, filled SWYN. 9/41, are to be withdrawn from service.

2. Any igniters, torpedo, of this lot number on board H.M. ships are to be thrown overboard and replacements demanded as necessary.

4617.—Torpedo Tubes, L.C.—18-in. and 21-in.—Chains for Securing Rear Door Clamping Rings

(T. 1005/44.—31 Aug. 1944.)

In order to prevent rear door clamping rings of 18-in. and 21-in. L.C. torpedo tubes from being lost overboard, the clamping rings are to be secured with chains as shown in A.F.O. Diagram No. 276/44.

2. The work is to be carried out by Coastal Force Base staffs for existing vessels and by tube manufacturers for tubes under construction.

4618.—Hedgehog—Provision of Bin Stowage in Magazines for Projectiles—As. and As.

Escort Destroyers and Y Cutters

(T. 02461/42.—31 Aug. 1944.)

Favourable reports from sea having been received of bin stowage for hedgehog projectiles, it has been decided to adopt this type of stowage in escort destroyers and Y cutters.

2. Commanding Officers are to insert an item, classification "A" in their list of As. and As. to cover the work involved.

3. Outfits of hedgehog projectiles in ships concerned have been approved as enumerated below.

Class of ship	Stowage of hedgehog salvoes bin stowage			Total carried	Increase in hedgehog salvoes
	Mag.	R.U. lockers	Mtg.		
Cutters	9	2	1	12	4
*" Vees " 4-in. converted, ex " Viscount " .	7	2	1	10	4
*" Viscount "	7	2	1	10	4
" Vees " 4.7-in. converted ...	8	2	1	11	4
" Keppel "	8	2	1	11	4
" Scott " class leaders	8	2	1	11	4
A-I class (minus exceptions) ...	11	2	1	14	7
A-I class (exceptions)	8	2	1	11	4

* Two salvoes of hedgehog ammunition are to be stowed in the after-magazine and shell room.

4619.—Lampholder Adaptors—Warning Against the Use of a Certain Type and Introduction of Adaptor, Pattern 19007

(N.S. 30097/44.—31 Aug. 1944.)

An American adaptor to enable American lamps with Edison screw caps to be used in the British type of bayonet joint lampholder has been used in an Escort Carrier and it has been found that this particular type of adaptor is highly dangerous in use as it permits "earths" and "short circuits" to occur on the electrical supply system.

2. The "earths" and "short circuits" arise because the metal cap of the bayonet cap portion of the adaptor is internally connected to one of the contact plates of the adaptor, and when inserted in a brass lampholder one of the plungers of the lampholder is immediately shorted to the case of the lampholder via the metal cap of the adaptor.

3. The defective adaptor has the appearance of the brass cap of an ordinary British bayonet cap lamp, with a tube 1 in. long of black insulating material, enclosing an Edison screw socket, at the bottom of the brass cap. The overall length of the adaptor is 1½ in. Any further use of this type of adaptor is strictly prohibited and stocks should be returned to store immediately for disposal as scrap.

4. Arrangements have been made for ample stocks of bayonet cap lamps to be held at home and abroad, including the U.S.A., and there should therefore be no need to use an adaptor of this type.

5. Circumstances can, however, arise where it may be expedient to use bayonet cap lamps in screwed lampholders, e.g. in American-built ships in Home and European waters where ample stocks of bayonet cap lamps are held, but screw cap lamps are at present not always obtainable as the production of these lamps is below the level of the demands for them.

6. An adaptor to enable bayonet cap lamps to be used in Edison screw fittings has therefore been introduced and added to the Rate Book under Subhead F.2B, Schedule C.804, as follows:—

Pattern No. 19007. Adaptor for converting E.S. lampholders to take B.C. lamps.

7. An initial purchase of 10,000 adaptors has been arranged for delivery as follows:—

Stroud (3,000), Mossley (3,000), Devonport (1,000), Chatham (1,000) Portsmouth (1,000), Rosyth (1,000).
Supplies should become available in November, 1944, and requirements should be demanded accordingly.

Telephones and headgear:—		
Mark X, Pattern 1191	6	
Mark X**, Pattern 12500	6	
Mark XI, Pattern 1193	4	
Mark XIII, Pattern 13224	5	
Mark XV, Pattern 13231	5	
Mark XV, Pattern 13220	5	
Transmitter, Pattern 12526 or 12528	3	
Transmitter, Amplifier, Pattern 12522	10	
Headphones, Pattern 3662	4	
Type 470 equipment:—		
Headset, Pattern 12550	1½	
Buzzer, Pattern 19114	3	
Transformer box for Hummer circuits	3	
Warning telephone, Type 406:—		
Framework (Patterns W.400, W.401, W.402, W.403)	10	
Power amplifier, Pattern W.5782	9	
Microphone, Pattern 1201	5	
Microphone, Pattern 5475	7	
Control box, Pattern 1641	5	
Relay Unit, Pattern 3410	4	
W/T and Radar apparatus:—		
C.N.Y.1 Equipment:		
Control unit, Pattern W.5729	6	
Transmitter receiver, Pattern W.5731	6½	
Loudspeaker, type P.M.R.E., Pattern W.2041	12	
Headset (Marconi)	2½	
Handset	4	
Morse key	2	
Wavemeter, Pattern W.6103	1½	
Handy Talky	3	
D.F. outfit, Type M.D.F. 3B.	4	
Headphones, Pattern 3662	4	
Headache receiver, Type S.27	9	
International Marine Radio Co., Ltd.:—		
Receiver, Type S.C.R.20 or I.M.R.20	6	
Transmitter, Type T.S.3.B. or I.M.R.21	6	
Headphones (Ericsson)	3	
Control panel, Type T.S.3.B.	3	
Mains switch, G.E.C. 30 amp.	3	
Rotary transformer (Campbell & Isherwood)	15	
Marconi, Type T.W.12:—		
Transmitter, Pattern M.335C.	5½	
Receiver, Pattern M.361	10	
Fuseboard, Pattern M.303A.	4	
Switch, Pattern M.334A.	4	
Telephone, Pattern M.318	4	
Voltage regulator, Pattern M.345	4½	
Rotary transformer, Pattern M.346E.	6	
Starter switch, Pattern M.344	7	
Army No. 22 set	10	
Army No. 46 set	3	
Type 251M. supply outfit. Type DUJ:—		
Board 2AG., Pattern W.2585A.	10	
Starter, Pattern 7511	6	
Motor alternator, Pattern 7526	20	
Type 252:—		
Receiver, R.3109 (A.M. Ref. No. 100B/506)	4½	
Control unit, Type 109 (A.M. Ref. No. 10LB/111)	3½	
Battery control board, Pattern W.5493	3	
Detonator switch, Pattern W.4460	2	
Detonator box stowage, Pattern W.4687	1½	
Detonator transit case, Pattern W.4255A	6	
Resistance, Pattern W.3216	4	
Aerial, Pattern W.3585	1	

4623.—Boiler Tubes, etc.

H.M.C. Ship "Arnprior", H.M. Ships "Black Prince", "Vigilant",
"Virago" and "Whelp"

(NS./P.10609/44.—31 Aug. 1944.)

H.M.C.S. "Arnprior" (P.10609/44)

Type and No. of boilers ... Admiralty 3 drum water tube 2 No.
type.

Total No. of tubes fitted ... Generator 2,908 No.

Row	Ext. Diam.	Thickness	Fitted Length	Total No. of Tubes fitted	Remarks
	in.	W.D.G.	ft. in.		
A	1 1/2	116	7 9 3/16	128	All tubes are bent.
B	1 1/2	116	7 8 3/16	128	
C	1 1/2	116	7 6 3/16	172	
D	1 1/2	116	7 6 7/16	172	
E	1 1/2	116	7 6 3/8	172	
F	1	104	7 8 1/16	196	
G	1	104	7 9 1/2	192	
H	1	104	7 10 1/4	196	
J	1	104	7 11 5/16	192	
K	1	104	8 0 3/4	196	
L	1	104	8 2 1/2	192	
M	1	104	8 4 3/8	196	
N	1	104	8 6 1/16	192	
O	1	104	8 8 1/8	196	
P	1	104	8 11 5/8	192	
Q	1	104	9 2 1/16	196	

H.M.S. "Black Prince" (P.9306/44)

Type and No. of boilers ... Admiralty 3 drum small tube ... 4 No.

Total No. of tubes fitted ... Generator 13,944 No.

Row	Ext. Diam.	Thickness	Fitted Length	Total No. of Tubes fitted	Remarks
	in.	W.D.G.	ft. in.		
A	1 3/4	128	9 3 5/8	424	All tubes are bent.
AA	1 3/4	128	9 3	48	
B	1 3/4	128	8 11 1/4	464	
C	1 1/8	116	8 8 13/16	728	
D	1 1/8	116	8 7 7/16	720	
DD	1 1/8	116	8 5 3/8	40	
E	1	104	8 2 3/4	824	
F	1	104	8 1 7/8	816	
G	1	104	8 1 3/8	808	
H	1	104	8 1 3/8	800	
J	1	104	8 1 1/16	792	
K	1	104	8 1 1/8	784	
L	1	104	8 1 3/8	776	
M	1	104	8 1 13/16	768	
N	1	104	8 2 1/2	760	
O	1	104	8 3 3/8	752	
P	1	104	8 4 3/8	744	
Q	1	104	8 5 5/8	736	
R	1	104	8 7	728	
S	1	104	8 8 3/8	720	
T	1	104	8 10 3/4	712	

H.M.S. "Whelp" (P.8737/44)

Type and No. of boilers ... Admiralty 3 drum tube type ... 2 No.
 Total No. of tubes fitted ... Generator ... 8,996 No.

Row	Ext. Diam.	Thickness	Fitted Length	Total No. of Tubes fitted	Remarks
	in.	W.D.G.	ft. in.		
A	1 $\frac{3}{4}$	128	10 6 $\frac{2}{16}$	288	All tubes are bent.
B	1 $\frac{3}{4}$	128	10 2 $\frac{15}{16}$	284	
C	1 $\frac{1}{2}$	116	10 0 $\frac{2}{16}$	444	
D	1 $\frac{1}{8}$	116	9 10 $\frac{2}{16}$	440	
E	1 $\frac{1}{8}$	116	9 9 $\frac{1}{16}$	444	
E.1	1 $\frac{1}{8}$	116	9 7 $\frac{7}{8}$	16	
F	1	104	9 6 $\frac{1}{16}$	500	
G	1	104	9 5 $\frac{11}{16}$	496	
H	1	104	9 5 $\frac{7}{16}$	492	
J	1	104	9 5 $\frac{7}{16}$	488	
K	1	104	9 5 $\frac{5}{8}$	484	
L	1	104	9 6	480	
M	1	104	9 6 $\frac{11}{16}$	476	
N	1	104	9 7 $\frac{1}{16}$	472	
O	1	104	9 8 $\frac{1}{2}$	468	
P	1	104	9 9 $\frac{3}{8}$	464	
Q	1	104	9 11 $\frac{1}{4}$	460	
R	1	104	10 0 $\frac{11}{16}$	456	
S	1	104	10 2 $\frac{2}{16}$	452	
T	1	104	10 4 $\frac{3}{8}$	448	
U	1	104	10 7 $\frac{1}{16}$	444	

H.M. Ships "Vigilant" and "Virago" (P.12095/44)

Particulars of the boilers and tubes fitted in the ships shown in column "A" are identical with those published in the A.F.O. quoted against that shown in column "B":—

"A"		"B"	A.F.O.
"Vigilant"	...	"Quality"	2700/43
"Virago"	...		

Records affected, D.354 and D.682 (Standard copy).

(This Order will not be included in the A.F.O. Volume.)

(A.F.O. 2700/43.)

4624.—Refrigerating and Air Conditioning Machinery—Automatic Expansion Valves—Maintenance

(D. 11857/44.—31 Aug. 1944.)

Most refrigerating plants fitted to Destroyers and smaller ships, all domestic automatic refrigerators and water coolers and many air conditioning plants are fitted with cooling machinery using methyl chloride or freon as refrigerant, and fitted with automatic expansion valves of either the constant pressure or thermostatically operated type.

2. The constant pressure expansion valve is a spring loaded reducing valve designed to maintain a constant pressure in the cooling grids or coils.

3. In the thermostatically operated type the valve opening is controlled by the temperature of the suction gas so as to maintain a constant temperature in the suction line from the cooling grids or coils. Valve opening is controlled by the expansion and contraction of a bellows which in British Thermostat Co., type FX and HE, is connected by capillary tubing to a phial tightly clipped to the gas suction pipe and in Messrs. J. & E. Hall's, types B, GUNBT and GUT, is placed in a chamber in the valve block through which the suction gas is led. The thermal

bellows, capillary tubing and phial are charged with liquid methyl chloride or freon and cannot be repaired or recharged without special apparatus not available on board.

4. Thermostatically operated expansion valves possess advantages over constant pressure valves in that they allow the machine to work at varying suction pressures dependent on the temperature in the circuit being cooled and therefore give an increased output when the circuit temperature is higher, e.g., when cooling down a cold room freshly stowed with warm stores.

5. The bellows of the thermostatically operated valves are delicate, so a spare expansion valve or bellows assembly is supplied with each plant. The following notes are intended as a guide to their maintenance.

6. When the machinery is not in operation, it is possible that temperatures may be reached at which the corresponding pressure in the bellows assembly is higher than that for which the bellows is designed, as illustrated by the following table of saturation temperatures and pressures for methyl chloride and freon:—

Temperature	Pressure of Methyl Chloride	Pressure of Freon 12
80° F.	... 72 lb./in. ²	84 lb./in. ²
100° F.	... 108 lb./in. ²	117 lb./in. ²
120° F.	... 140 lb./in. ²	157 lb./in. ²
130° F.	... 161 lb./in. ²	180 lb./in. ²
140° F.	... 185 lb./in. ²	206 lb./in. ²

Spare thermostatic expansion valves are subject to similar effects and should, therefore, be stored in cool places; at no time should they be allowed to reach temperatures higher than 120° F.

7. If, due to faulty manufacture, damage or excessive temperature, the bellows assembly develops a leak, the expansion valve remains shut by the action of the spring, and no cooling takes place. The first evidence of this is that a vacuum is registered on the gauge on the suction or evaporator side.

8. Similar symptoms may develop from other causes and before it is finally decided to replace the expansion valve it should be confirmed that the trouble is not due to one or more of the following:—

(a) Moisture in the system causing the valve to freeze up. (This may be cured by stopping the plant and allowing it to warm up. The drier supplied should then be placed in the circuit in accordance with the maker's instructions, to remove the moisture.)

(b) Liquid strainer choked.

(c) Suction strainer choked.

9. If it is established that the thermostatic expansion valve is defective, the following action should be taken:—

(1) British Thermostat Company's FX and HE type valves—

Fit spare valve if available and return defective valve complete for repair.

If a spare valve is not available, remove the complete thermal bellows assembly consisting of phial, capillary tube and moulded body containing the bellows from the valve body by removing the three large securing screws. The thermal bellows must not be removed from the moulded body in valves of this type.

A fitting, consisting of a flange through the centre of which is screwed a spindle with T-handle, may then be secured by short screws in its place to allow the expansion valve to be controlled by hand. The necessary fittings shown in A.F.O. Diagram No. 275/44 (1) should be manufactured on board or by depot ships in advance of requirements.

(2) Messrs. J. & E. Hall's B and GUNBT types—

Remove the bottom cover complete with adjusting screw and remove bellows. Fit spare bellows if available.

If a spare bellows unit is not available a cylindrical distance piece as shown in A.F.O. Diagram No. 275/44(2) for type B and A.F.O. Diagram No. 275/44(3) for type GUNBT should be fitted in place of the defective

bellows. Hand adjustments of the expansion valve can be made using the adjusting screw under the cap nut attached to the bottom cover. Necessary distance pieces should be made on board in advance of requirements.

Note.—Care is required in reassembling in all types to ensure that gas-tight joints are made.

10. Experience with the above-mentioned hand regulating fittings has shown that very infrequent adjustment is necessary except when the cold room is freshly stowed. When adjustment is required this should be done in very small steps with ample time between each to allow the plant to settle.

11. Necessary fittings for hand adjustment of regulating valves will be included in the spare gear for all plants ordered in future.

(Admiral (S), 30 Mar., 1944, No. S.M. 514/205.)

4625.—Radar Office—Dimming of Lights Coastal Force Craft

(N.S./C.F.M. 1068/44.—31 Aug. 1944.)

In view of space restrictions in the Radar Office in Coastal Force Craft the fitting of Pattern W.5273 dimmer for the control of 220 volt illumination as authorized in A.F.O. 1093/43 is to be discontinued and a Pattern 18958 dimmer fitted in lieu.

2. Director of Coastal Forces Material will raise an A. & A. item in the next list of As. & As. for each type of craft concerned. Separate arrangements have been made regarding craft building.

3. Supplies will not be available before November, 1944. Demands should be made accordingly on Superintending Naval Store Officer, Severn Area.

(A.F.O. 1093/43.)

4626.—Radar, Types 243/Q and 941—Overheating

(R.E. 61/44.—31 Aug. 1944.)

Type 243/Q may tend to overheat under tropical conditions unless adequate ventilation is provided. An extension is, therefore, to be fitted to the Radar office trunking terminating in two punkah louvres, arranged to enable air to be directed on to the front and either the side or rear of the panels.

2. Commanding Officers of ships concerned are to insert an item, Classification "A", in their list of As. and As.:—"To fit improved ventilation to Radar Types 243/Q and/or 941 as applicable" quoting this Order as the authority.

3. Special instructions will be issued by the Admiralty for vessels under construction.

4627.—Radar, Types 282/3/5—Oscillator G41, Pattern W3930

(R.E. 02641/44.—31 Aug. 1944.)

When fitting the door, ventilating, for oscillator G41, Pattern 54309 authorized by A.F.O. 2499/44, care is to be taken to see that the interlocking arms on the new door operate the spring interlocks.

2. It has been reported that these arms are not long enough for some models, and it is suspected that the majority of these models have the serial letters P.Y.

3. Where this difficulty is experienced the arms are to be removed from the original door and bolted to the new one in place of those fitted.

4. The work is to be carried out by ships' staffs.

(A.F.O. 2499/44.)

4628.—W/T Sets, Types 57CM/CMR/DM/DMR/D/DR, 59D—Faulty Operation of Contactor System

(R.E. 11942/44.—31 Aug. 1944.)

Reports have been received from sea of faulty operation of Pattern W.129 and W.130 contactors, 3 pole, 2 way, 230 volt. A.C. supply, fitted in W/T sets Types 57 and 59.

2. When accepted from the makers, these contactors have passed a test for satisfactory operation on 210 volts supply and adjustment is not necessary unless damaged contacts need replacement. Faulty operation may occur after long periods of non use, due to gumming of oil, clogging by dirt, or rusting.

3. The contactor should be kept in good working order by periodical cleaning and oiling, especially when use is infrequent. Old oil and dirt should be removed from all parts by wiping with a clean rag, slit into narrow strips. A little paraffin may be applied to the rag, but parts must be finally wiped dry. After cleaning, a few drops of thin oil, such as Light Torpoyl, should be applied to each of the pivot screws and pins with a thin wire or knife blade. The rockers should be moved to and fro repeatedly by hand to work the oil into the bearings and finally wiped to remove all superfluous oil.

4. Parts requiring particular attention are as follows:—

(i) The link between the two moving contact carriers and the rollers on the link.

(ii) The rocking bar centre pivot, armature suspension limbs and the cam surfaces at the ends of the bar.

(iii) Auxiliary contact levers.

(iv) Contact carrier pivots.

5. The rollers must turn freely on their pivot screws. They can be made to do so by taking a piece of twine one turn round the roller and pulling it to and fro. If this does not free them the link with its end pivot holders should be detached from the contact carriers, the pivot screws and rollers cleaned and the bearing surfaces oiled.

6. If it is necessary to replace main moving contacts, the adjustment of the springs should be carefully noted before removing the old contacts and these adjustments repeated as nearly as possible when new contacts are fitted. If the main fixed contacts of Pattern W.129 contactor are to be replaced the adjustments of the old contact screws must be carefully noted and repeated when the new ones are fitted. All three contacts should make simultaneously, a little before the contact carrier completes its movement so that the springs exert pressure between moving and fixed contacts. If the spring pressure is too high it will prevent the rocking bar being pulled into its latch position when electrically operated.

7. When replacing fixed or moving auxiliary (coil circuit) contacts, it should be adjusted so that when the rocker bar completes its travel, the gap between contacts is about 0.03 to 0.04 inches.

4629.—Aircraft Equipment—Accounting and Checking Procedure

(A.E. 4347/44.—31 Aug. 1944.)

The following *amendments* are to be made to A.F.O. 1859/44:—

Paragraph 4. *Delete* existing note and *substitute*:—

Note.—The new procedure will also apply to aircraft of American types of which Standard Airframe Transfer Lists have been issued. Where no Standard Airframe Transfer List is held, the procedure laid down in A.F.O. 72/44 is to be followed.

Paragraph 9. *Amend* to read:

9. *Recording of Serial Nos. of Clocks, Pistols, etc.* The Serial Nos. of all Clocks, Pistols, etc., are to be recorded in the Airframe Log Card (R.A.F. Form 701) in Section 4 (ii).

(A.F.Os. 72/44 and 1859/44.)

4630.—Aircraft Radio—ATC-1 Transmitters, Addition of By-pass Condensers

(A.C.R.D. 1053/44.—31 Aug. 1944.)

ATC-1 transmitters are, in certain instances, found to have an oscillation at approximately 23 Kc/s in the audio and modulator stages. This oscillation may cause failure of the output modulation transformer as there is no load on this transformer during the time the oscillation is occurring.

2. To eliminate the possibility of this oscillation occurring, and to prevent the probable failure of the transformer, units are to carry out the following modification.

3. Condensers of 0.01 mfd. capacity (Stores Ref. 10C/4247) are to be inserted between grid and earth of each of the two modulator valves, V.105 and V.106.

4. Units are to demand the condensers from their nearest R.N. Stores Depot, quoting this Order as their authority, on the basis of two 0.01 mfd. condensers for each ATC-1 held.

4631.—Aircraft Radio—I.F.F., Marks III, III G and III GR Installations—Bonding

(A.C.R.D. 1682/44.—31 Aug. 1944.)

It has been found in some aircraft installations that a bonding strip is not mounted between the base plate and the tray of the mounting, type 39 (I.F.F. receiver mounting), although the base plate itself may be bonded to the aircraft structure or aircraft bonding strip.

2. It is essential that the tray and the baseplate are bonded together (i.e. across the anti-vibration mountings) in all aircraft installations, with the exception of Oxford aircraft in which the removal of the bonding of the receiver mounting has been recommended as a partial cure of interference to the communication equipment, and the whole bonded to the aircraft structure or bonding system.

3. An inspection should therefore be made to ensure that all installations are correctly bonded. If a bonding strip is not fitted, the tray and the base plate of the mounting type 39 must be bonded together by a short length of tinned flexible copper braiding and the whole bonded to the aircraft structure or bonding system.

4632.—Aircraft Radio—Valves, Type VR.91

(A.C.R.D. 1287/44.—31 Aug. 1944.)

It has been found in service that certain valves, Type VR.91, give faulty performance due to leakage over internal micas after 15-20 minutes' run. The fault is confined to valves of Mullard manufacture (distinguished from the red-painted Sylvania valve by its bare aluminium can).

2. In consequence, where an equipment using the VR.91 is to be installed, or where such a valve is changed, the gear should be run for at least 30 minutes and checked for performance at the end of this time before being put into service.

4633.—Aircraft Equipment—Accounting and Checking Procedure

(A.E. 5020/44.—31 Aug. 1944.)

The following amendment is to be made to A.F.O. 1859/44 :—

Paragraph 10 (i).—Delete and substitute :—

10. Transfer of an aircraft to contractor for repair, overhaul, modification, etc.—(i) On transfer of an aircraft to a contractor for modification, repair, etc., all items distinguished by the symbol "M" in the Standard Airframe Equipment List (formerly known as "R" items) are to be removed and dealt with in accordance with A.F.Os. 5086/43 and 1397/44 and the aircraft is then to be checked to the Standard Airframe Transfer List and vouched on R.A.F. Form 603 as "Complete to Standard Airframe Transfer List or Transfer Checking List (as appropriate) for

.....(type and mark).....airframe, Serial No.plus or minus the differences detailed on the voucher (or accompanying schedule)." Forms A.44 are not to be used for this purpose; the contractor will make use of the S.A.T.L. which is included in the same volume as the corresponding S.A.E.L. Thereafter, the contractor's check is to be accepted and any discrepancies reported by him are to be accepted unless the despatching unit is in a position to prove that items stated to be deficient were, in fact, installed in the aircraft.

(A.F.Os. 5086/43, 1397/44 and 1859/44.)

4634.—Alterations and Additions

(H.M. Rescue Tugs, "Assurance" Class)

(D./T.D. 1665/44.—31 Aug. 1944.)

The undermentioned decisions on As. and As. to H.M. Rescue Tugs, "Assurance" class, are promulgated in continuance of A.F.O. 2239/44 :—

Items	Authority	Decision
31. To provide a portable three-way adaptor and fittings to enable two oil fuel tanks to be filled simultaneously as shown on Drawing D.N.C.29/A/907.	D.7611/44	Approved Classification "B."
32. By-pass to be fitted from the filter tank suction line to feed and ballast tank delivery line.	D.07601/44	
33. To fit a 4-in. mushroom ventilator to the drying room and to fit door with jalousie.	D.06460/44	
34. Water-tight slide valve to be fitted to engine room bulkhead where vent trunk passes through steering gear flat.	D.06460/44	Approved Classification "C."
35. The sliding engine room hatch to be removed and a hinged water-tight door and canopy fitted in accordance with Drawing D.N.C. 29/A/931.	D.015894/44	Approved Classification "A."
36. Additional drains to be fitted to hold flat and hinged water-tight covers to be fitted to under side of ventilators in hold in accordance with Drawing D.N.C.29/A/940.	D.015894/44	

(A.F.Os. 4849/43 and 2239/44.)

4635.—Pump and Flood Orders—As. and As.

H.M. Submarines "Trident," "Tribune," "Taku," "Truant," "Tuna," "Thrasher," "Trusty," "Una," "Upright," "Sokol," "Uproar," "Ultimatum," "Umbra" and "Unbending."

(D. 04564/43.—31 Aug. 1944.)

Item numbers—"T" class 538 } Classification "A"
"U" class 530 }

2. It has been approved to fit pump and flood orders for the ballast pumps in the above mentioned submarines.

3. "T" and "U" class vessels other than these, all 1940 "S" class, and later vessels of all classes were equipped with pump and flood orders during construction.

4. Purchase has been arranged on C.P. 4M/80179/44 for the following lamp boxes for each submarine concerned :—

Pump and flood order indicator transmitter, Pattern 10107, Ref. (C)	1 per ship
Pump and flood order indicator receiver, Pattern 10101, Ref. (F)	2 per ship

These boxes, which will be dealt with under Subhead F.I.B., should be demanded from the S.N.S.O. Stroud.

5. When the lamp boxes are fitted it will be necessary to modify the existing pump order lamp boxes as follows :—

(a) Cover to be engraved:—

PUMP AND FLOOD ORDERS.

(b) New stencils to be fitted, reading:—

PUMP	PUMPING
FLOOD	FLOODING
STOP	STOPPED

These modifications should be carried out by the refitting authorities.

6. Guidance wiring diagrams may be obtained from Admiralty, Bath.

(C.A.F.O. 676/44 is cancelled.)

4636.—Buzzer, Pattern 1380 (Subhead F.2B)—Supersession

(N.S. 29677/44.—31 Aug. 1944.)

Buzzer, pattern 1380 (Subhead F.2B) has been made obsolete and supplies are no longer available. Buzzer, pattern 19114 (high note) or buzzer, pattern 19115 (low note) will in future be utilized in lieu.

2. The Rate Book has been amended accordingly.

4637.—Clips for Electric Cables

(N.S. 28156/44.—31 Aug. 1944.)

It is evident that the cable clips detailed in Appendix A to this Order, which are suitable only for cables prior to "D" series, are being demanded and supplied for use with "D" and V.C.I. series of cables, although they have been made obsolete.

2. Attention is invited to the following Admiralty Fleet Orders introducing new cable clips for use with "D" and V.C.I. series of cables. Care should be taken that the correct pattern of cable clip is demanded and supplied in future.

A.F.O. 1968/43 (clips for "D" series of cables).

A.F.O. 5741/43 (clips for V.C.I. series of cables).

A.F.O. 340/44 (single lug clips for "D" series of cables superseding double lug clips).

3. This Order is not applicable to the clips detailed in Appendix "B", which are suitable for "D" and V.C.I. series of cables and will continue to be purchased.

APPENDIX "A"

Pattern No.

Description

Clips for electric cable, not suitable for use with "D" and V.C.I. series of cables

3399	For 8 cables of Pattern 6194.
3410	For 6 cables of Pattern 6196.
3418	For 6 cables of Pattern 6196, double banked (i.e. 12 cables).
3421	For 9 cables of Pattern 6196, double banked (i.e. 18 cables).
3422	For 10 cables of Pattern 6196, double banked (i.e. 20 cables).
3423	For 11 cables of Pattern 6196, double banked (i.e. 22 cables).
3351A	For 4 cables of Pattern 6180 or 6180A.
3353A	For 4 cables of Pattern 6181 or 6181A.
3355A	For 4 cables of Pattern 6182 or 6182A.
3356A	For 6 cables of Pattern 6182 or 6182A.
3358A	For 4 cables of Pattern 6183 or 6183A.
3359A	For 6 cables of Pattern 6183 or 6183A.
3363A	For 2 cables of Pattern 6185 or 6185A.
3364A	For 4 cables of Pattern 6185 or 6185A.
3365A	For 6 cables of Pattern 6185 or 6185A.
3366A	For 2 cables of Pattern 6186 or 6186A.

APPENDIX "A"—*contd.*

Pattern No.

Description

Clips for electric cable, not suitable for use with "D" and V.C.I. series of cables

3367A	For 4 cables of Pattern 6186 or 6186A.
3368A	For 6 cables of Pattern 6186 or 6186A.
3369A	For 2 cables of Pattern 6187 or 6187A.
3370A	For 4 cables of Pattern 6187 or 6187A.
3371A	For 6 cables of Pattern 6187 or 6187A.
3372A	For 2 cables of Pattern 6188 or 6188A.
3373A	For 4 cables of Pattern 6188 or 6188A.
3374A	For 6 cables of Pattern 6188 or 6188A.
3375A	For 8 cables of Pattern 6188 or 6188A.
3376A	For 2 cables of Pattern 6189 or 6189A.
3377A	For 4 cables of Pattern 6189 or 6189A.
3378A	For 6 cables of Pattern 6189 or 6189A.
3379A	For 8 cables of Pattern 6189 or 6189A.
3380A	For 2 cables of Pattern 6190 or 6190A.
3381A	For 4 cables of Pattern 6190 or 6190A.
3382A	For 6 cables of Pattern 6190 or 6190A.
3383A	For 8 cables of Pattern 6190 or 6190A.
3384A	For 2 cables of Pattern 6191 or 6191A.
3385A	For 4 cables of Pattern 6191 or 6191A.
3386A	For 6 cables of Pattern 6191 or 6191A.
3387A	For 8 cables of Pattern 6191 or 6191A.
3388A	For 2 cables of Pattern 6192 or 6192A.
3389A	For 4 cables of Pattern 6192 or 6192A.
3390A	For 6 cables of Pattern 6192 or 6192A.
3391A	For 8 cables of Pattern 6192 or 6192A.
3392A	For 2 cables of Pattern 6193 or 6193A.
3393A	For 4 cables of Pattern 6193 or 6193A.
3394A	For 6 cables of Pattern 6193 or 6193A.
3395A	For 8 cables of Pattern 6193 or 6193A.
3396A	For 2 cables of Pattern 6194 or 6194A.
3397A	For 4 cables of Pattern 6194 or 6194A.
3398A	For 6 cables of Pattern 6194 or 6194A.
3399A	For 8 cables of Pattern 6194A.
3400A	For 2 cables of Pattern 6195 or 6195A.
3401A	For 3 cables of Pattern 6195 or 6195A.
3402A	For 4 cables of Pattern 6195 or 6195A.
3403A	For 5 cables of Pattern 6195 or 6195A.
3404A	For 6 cables of Pattern 6195 or 6195A.
3453	For 7 cables of Pattern 6195A.
3405A	For 8 cables of Pattern 6195 or 6195A.
3454	For 9 cables of Pattern 6195A.
3455	For 10 cables of Pattern 6195A.
3456	For 11 cables of Pattern 6195A.
3457	For 12 cables of Pattern 6195A.
3458	For 2 cables of Pattern 6195A, double banked, i.e. 4 cables.
3459	For 3 cables of Pattern 6195A, double banked, i.e. 6 cables.
3460	For 4 cables of Pattern 6195A, double banked, i.e. 8 cables.
3461	For 5 cables of Pattern 6195A, double banked, i.e. 10 cables.
3462	For 6 cables of Pattern 6195A, double banked, i.e. 12 cables.
3463	For 1 cable of Pattern 6196A (double lug).
3406A	For 2 cables of Pattern 6196 or 6196A.
3407A	For 3 cables of Pattern 6196A (1 $\frac{1}{8}$ -in. centres).
3487	For 3 cables of Pattern 6196A (1 $\frac{1}{2}$ -in. centres).
3408A	For 4 cables of Pattern 6196 or 6196A.
3409A	For 5 cables of Pattern 6196 or 6196A.
3410A	For 6 cables of Pattern 6196A.
3464	For 7 cables of Pattern 6196A.
3411A	For 8 cables of Pattern 6196 or 6196A.
3465	For 9 cables of Pattern 6196A.
3466	For 10 cables of Pattern 6196A.
3467	For 11 cables of Pattern 6196A.

APPENDIX "A"—contd.

Pattern No. Description
Clips for electric cable, *not suitable* for use with "D" and V.C.I. series of cables

3468	For 12 cables of Pattern 6196A.
3412A	For 1 cable of Pattern 6195A (single lug).
3413A	For 2 cables of Pattern 6195A (single lug).
3414A	For 1 cable of Pattern 6196A (single lug).
3415A	For 2 cables of Pattern 6196A (single lug).
3469	For 2 cables of Pattern 6196A, double banked, i.e. 4 cables.
3470	For 3 cables of Pattern 6196A, double banked, i.e. 6 cables.
3416A	For 4 cables of Pattern 6196 or 6196A, double banked, i.e. 8 cables
3417A	For 5 cables of Pattern 6196 or 6196A, double banked, i.e. 10 cables
3418A	For 6 cables of Pattern 6196A, double banked, i.e. 12 cables.
3419A	For 7 cables of Pattern 6196 or 6196A, double banked, i.e. 14 cables
3420A	For 8 cables of Pattern 6196 or 6196A, double banked, i.e. 16 cables.
3421A	For 9 cables of Pattern 6196A, double banked, i.e. 18 cables.
3422A	For 10 cables of Pattern 6196A, double banked, i.e. 20 cables.
3423A	For 11 cables of Pattern 6196A, double banked, i.e. 22 cables.
3424A	For 12 cables of Pattern 6196A, double banked, i.e. 24 cables.
1242B	For 1 cable of Pattern 2520 or 2520A.
1243B	For 1 cable of Pattern 2522 or 2522A.
3473	For 10 cables of Pattern 6178.
3474	For 11 cables of Pattern 6178.
3475	For 12 cables of Pattern 6178.
3450	For 10 cables of Pattern 6178, double banked, i.e. 20 cables.
3451	For 11 cables of Pattern 6178, double banked, i.e. 22 cables.
3452	For 12 cables of Pattern 6178, double banked, i.e. 24 cables.
3478	For 2 cables of Pattern 6196A on 4 cables of Pattern 6196A.
3479	For 2 cables of Pattern 6196A on 6 cables of Pattern 6196A.
3480	For 4 cables of Pattern 6196A on 6 cables of Pattern 6196A.
3484	For 2 cables of Pattern 2520S.
3485	For 2 cables of Pattern 2522S.
3486	For 1 cable of Pattern 6108S (double lug).
3488	For 1 cable of Pattern 6109S (double lug).
3489	For 1 cable of Pattern 9742S or 1 cable of Pattern 2533S (double lug).
3490	For 1 cable of Pattern 2500 (double lug).
3491	For 1 cable of Pattern 2501 or 1 cable of Pattern 2543S (double lug).
3492	For 1 cable of Pattern 2507 (double lug).
3493	For 1 cable of Pattern 2523S (double lug).
3494	For 1 cable of Pattern 2524S (double lug).
3495	For 1 cable of Pattern 2525S (double lug).
3496	For 1 cable of Pattern 2527S (double lug).
3497	For 1 cable of Pattern 2530S (double lug).
3498	For 1 cable of Pattern 2540S (double lug).

APPENDIX "B"

Pattern No. Description
Clips for electric cables, *suitable* for use with "D" and V.C.I. series of cables

3424	For 12 cables of Pattern 6196, double banked (i.e. 24 cables) or 6 cables of Pattern 13975.
3350A	For 2 cables of Pattern 6180 or 6180A or 6180D or 13963.
3352A	For 2 cables of Pattern 6181 or 6181A or 6181D.
3354A	For 2 cables of Pattern 6182 or 6182A or 6182D.
3357A	For 2 cables of Pattern 6183 or 6183A or 6183D.
3360A	For 2 cables of Pattern 6184 or 6184A or 13969.
3361A	For 4 cables of Pattern 6184 or 6184A or 13969.
3362A	For 6 cables of Pattern 6184 or 6184A or 13969.
3436	For 2 cables of Pattern 6178 or 6178D.
3437	For 3 cables of Pattern 6178 or 6178D.
3438	For 4 cables of Pattern 6178 or 6178D.
3439	For 5 cables of Pattern 6178 or 6178D.
3440	For 6 cables of Pattern 6178 or 6178D.
3471	For 7 cables of Pattern 6178 or 6178D.

APPENDIX "B"—contd.

Pattern No. Description
Clips for electric cables, *suitable* for use with "D" and V.C.I. series of cables

3441	For 8 cables of Pattern 6178 or 6178D.
3472	For 9 cables of Pattern 6178 or 6178D.
3442	For 1 cable of Pattern 6178 or 6178D (single lug).
3443	For 2 cables of Pattern 6178 or 6178D (single lug).
3476	For 2 cables of Pattern 6178 or 6178D, double banked, i.e. 4 cables.
3477	For 3 cables of Pattern 6178 or 6178D, double banked, i.e. 6 cables.
3444	For 4 cables of Pattern 6178 or 6178D, double banked, i.e. 8 cables.
3445	For 5 cables of Pattern 6178 or 6178D, double banked, i.e. 10 cables.
3446	For 6 cables of Pattern 6178 or 6178D, double banked, i.e. 12 cables.
3447	For 7 cables of Pattern 6178 or 6178D, double banked, i.e. 14 cables.
3448	For 8 cables of Pattern 6178 or 6178D, double banked, i.e. 16 cables.
3449	For 9 cables of Pattern 6178 or 6178D, double banked, i.e. 18 cables.
3481	For 2 cables of Pattern 6178 on 4 cables of Pattern 6178 or for 2 cables of Pattern 6178D on 4 cables of Pattern 6178D.
3482	For 2 cables of Pattern 6178 on 6 cables of Pattern 6178, or for 2 cables of Pattern 6178D on 6 cables of Pattern 6178D.
3483	For 4 cables of Pattern 6178 on 6 cables of Pattern 6178, or for 4 cables of Pattern 6178D on 6 cables of Pattern 6178D.

(A.F.Os. 1968/43, 5741/43 and 340/44.)

4638.—Electric Lamps—Allowances of Spares

L.C.M.(3), L.C.V., L.C.V.(P), L.C.P.(L), L.C.P.(R)

(N.S. 14414/44.—31 Aug. 1944.)

Admiralty pattern electric lamps have been introduced for Minor Landing Craft of U.S. design, viz., L.C.M.(3), L.C.V., L.C.V.(P), L.C.P.(L), L.C.P.(R), and the established allowances of spare lamps are as follows:—

Pattern No.	Description	Denom.	Per Craft				
			L.C.M. (3)	L.C.V.	L.C.V. (P)	L.C.P. (L)	L.C.P. (R)
16206	32/35-volt, 25-watt, E.S. Cap, hand leads	No.	2C	—	—	—	—
16207	32/35-volt, 15-watt, E.S. Cap, hand leads	"	2C	—	—	—	—
16205	35-volt, 36-watt, A.M. S.B.C., bulkhead fittings	"	2C	—	—	—	—
16185	30-volt, 12-watt, A.M. S.B.C., bulkhead fittings	"	2C	—	—	—	—
16047	24-volt, 36-watt, A.M. S.B.C., bulkhead fittings	"	2D	—	—	—	—
16076	25-volt, 25-watt, E.S. Cap, hand leads	"	2D	—	—	—	—
16204	12-volt, 3.6-watt, M.E.S. Cap, compass lights	"	2	2	2	2	2
16202	12-volt, 2.2-watt, Min. C.C., instrument panel lights	"	4	2	2	2	2
8094	12-volt, 4-watt, S.B.C., instrument panel or compass lights	"	2A 4B	} 1	1	1	1
8093	12-volt, 9-watt, S.B.C., general lighting	"	3AB					—	—	4B	3B

A—12-volt craft with Gray H.N.9 engines.

B—12-volt craft with Hudson Invader engines.

C—32-volt craft with Superior or Gray 64 TL1/2 engines.

D—24-volt craft with Buda engines.

Note.—If A.P. 16202 lamps are not available, A.P. 8094 are to be fitted complete with lampholder A.P. 8926.

2. The group allowance is 6 times the "per craft" allowance.

3. Demands should be forwarded to nearest storing yard by bases and ships to which operational craft are allocated. Supplies are not to be drawn for craft which are not authorized to be equipped with operational outfits of stores. Dockyards and depots responsible for the accumulation of operational outfits of stores should add the appropriate quantities of lamps to outfits laid aside.

4. Running contracts have been instituted for the following patterns:—

For delivery monthly at:—

Pattern No.	Chat-ham	Ports-mouth	Devon-port	Stroud	Rosyth	Leeds	Carfin	Preston	Sheer-ness
16202	100	500	100	550	100	300	100	650	—
16204	100	400	100	300	100	400	100	500	—
16205	50	100	100	150	100	150	50	300	—
16206	50	100	100	150	100	150	50	300	—
16207	50	100	100	150	100	150	50	300	—
16185	100	100	100	200	100	100	50	200	50

The existing running contracts have been reviewed for Patterns 16076, 16047, 8093 and 8094 in order to meet these additional requirements. Adequate supplies are not anticipated to be available for two or three months.

5. Shipment abroad should be arranged as follows:—

Pattern	From Stroud to Colombo		From Preston to Alexandria		to Malta	
16202	...	1,300	...	900	...	1,500
16204	...	800	...	650	...	800
16205	...	250	...	100	...	300
16206	...	250	...	100	...	300
16207	...	250	...	100	...	300
16185	...	250	...	100	...	300
16047	...	50	...	20	...	50
16076	...	50	...	20	...	50
8094	...	650	...	450	...	750
8093	...	350	...	150	...	400

6. The Establishment of Naval Stores will be amended.

4639.—Gas Cylinders—Return of

(N.S. 27173/44.—31 Aug. 1944.)

Oxygen cylinder bearing registered number 88311, and acetylene cylinder bearing registered number B.24729, have been returned to the British Oxygen Co. Ltd.'s works at Barrow approximately at end of June from an unknown service.

2. If these cylinders are recorded as being held by any ship or service, records should be amended accordingly.

(Base Accountant Officer, Barrow-in-Furness, reference sheet 3 Jul. 1944.)

4640.—Grease, Water Pump—Description

Minor Landing Craft

(N.S. 14414/44.—31 Aug. 1944.)

The waterpump grease shown on page 27 of the Establishment of Naval Stores for Minor Landing Craft (N.S. 29287/43) is to be described as "Speedwell F.P.I., or Grease No. 4 to Spec. C.S.1658B".

2. Grease No. 4 will be issued when stocks of Speedwell F.P.I. are exhausted.

3. The establishment will be amended.

4641.—Hailing Equipment, Type 431/432—Supply, Installation and Maintenance

(N.S. 25009/43.—31 Aug. 1944.)

With reference to paragraph 12 of A.F.O. 3963/43, all demands for charging panels, Pattern 14060, and resistances, should in future be forwarded to the appropriate Superintending Naval Store Officer, as stocks will no longer be held by C.F.M.S.O.

2. Outstanding demands at present held by C.F.M.S.O. should be forwarded to Superintending Naval Store Officer, Portsmouth, for compliance.

(A.F.O. 3963/43.)

4642.—Lantern, Hether, Pattern 378A—Trigger, Signalling, Plunger Type, Pattern 54620 for—Introduction—Modification to Pattern 378B

(N.S. 27836/44.—31 Aug. 1944.)

Due to breakages of the present trigger on Hether lantern, Pattern 378A, a trigger, signalling, plunger type, Pattern 54620, has been devised for attachment to the lantern, and will be available for issue shortly.

2. The method of attachment is shown in A.F.O. diagram 278/44 (A.S.E. Drawing No. 37897) which is self-explanatory.

3. Ships should demand the required number of triggers, Pattern 54620, quoting this order as authority.

4. Purchase has been arranged for delivery to Stockport and Yards/Depots should demand requirements from Superintending Naval Store Officer, Haslemere, in accordance with usual procedure.

5. Shipment abroad should be made as follows:—

Ceylon	Stroud		Simonstown	Preston		
	Durban	Alexandria		Malta	Gibraltar	
100	100	50	100	100	50	

6. Lanterns so modified will be known as Pattern 378B and all future manufacture will be of this pattern.

7. The work involved is to be carried out by ships' or depot ships' staff.

8. All future demands should be made for lanterns, Pattern 378B. Until stocks of Pattern 378B are available, storing yards should supply lantern, Pattern 378A, and, in addition, trigger, signalling, plunger type, Pattern 54620.

9. The Sea Store Establishments concerned will be included.

4643.—Spouts, Iron, Shifting, Galvanized, Pattern 13G, for Oil Casks, Pattern 9D—Withdrawal of Allowances

(N.S. 34058/43.—31 Aug. 1944.)

The allowances of galvanized iron shifting spouts, Pattern 13G, to all ships concerned have been withdrawn as it is considered that no requirement now exists for these spouts.

2. Any stocks remaining on board may continue to be used for the purpose for which obtained if still required.

3. The Rate Book and the Establishments of Naval Stores concerned will be amended.

4644.—Steel Boxes for Haze Screens

(N.S. 21838/43.—31 Aug. 1944.)

To prevent breakages and to provide stowage for haze screens, Pattern 952, a steel box which will hold six screens is being introduced and has been allocated Pattern Number 5938. Initial purchase has been arranged from

Messrs. Thos. Ash and Co. Ltd., and Messrs Caston & Co. Ltd., under CP. 7D/59188/44 dated 19th April, 1944, for distribution as follows:—

<i>S.N.S.Os.</i>	<i>N.S.Os.</i>	<i>Officer-in-Charge</i>
Chatham 600	Sheerness 200	Falkland 200
Portsmouth 600	Lathalmond 200	
Devonport 600	Carfin 100	
Rosyth 200		
Mersey Area 600		
Severn Area 600		
West Riding Area 100		

2. Two boxes, Pattern 5936 (permanent Naval sea stores), will be allowed to each capital ship, cruiser, aircraft carrier, auxiliary A.A. escort vessels and H.M.S. "Adventure"; and one box to all other vessels provided with screens, Pattern 952.

3. Ships in commission should forward demands accordingly to their storing yards or depots, but supply should not be hastened as deliveries are not expected to commence for some months.

4. Supply to new construction vessels will be an Admiralty liability, and when the boxes are required for fitting, overseers should demand from the warrant yards of the vessels concerned.

5. The boxes are intended for fitting in the air look-out positions of the ships concerned. For ships under construction, the necessary securing arrangements should be provided by the shipbuilders, overseers and ships' officers being consulted as necessary regarding the positions in which they should be fitted. Any screens, Pattern 952, which serve as spares and which cannot be accommodated in the boxes should be stowed in the Naval store-rooms.

6. Yards abroad should forward supplementary demands for their anticipated requirements.

7. *Devonport only.* Proposals should be forwarded for the addition of boxes, Pattern 5936, to the Rate Book of Naval Stores under Subhead B, Item 10, Part D, and Contract Schedule 30.

8. The Sea Store Establishments concerned will be amended.

4645.—Tubular Steel Chairs for Officers' Use in Offices

(N.S. 15916/44.—31 Aug. 1944.)

Armchairs, tubular steel, Pel type A.P. 9, with hide upholstery, are to be allowed in future for officers' use in offices, where space permits.

2. Supply is to be arranged as follows:—

Ships in commission.

(a) Ships with wooden furniture. The chairs should not be demanded until the general demands for tubular steel furniture are forwarded (see A.F.O. 5396/43).

(b) Ships with tubular steel furniture. The chairs should be demanded only to provide for authorized alterations and additions or increases in complement. Demands for replacement of existing chairs (R.P. 6, etc.) used by officers should not be forwarded until the existing chairs become defective.

Ships under construction.

Supply is to be arranged by shipbuilders in accordance with approved drawings and specifications.

3. In certain ships, armchairs, tubular steel, Pel type R.P. 18 *high*, with hide upholstery, *seat height 26 in.*, are required for officers' use in Aircraft Direction Rooms. In such cases, demands from ships concerned in commission and supply to ships concerned under construction should be made in accordance with approved drawings.

4. The Sea Store Establishments concerned will be amended.

(A.F.O. 5396/43.)

4646.—W/T Transmitters for Stations Abroad—Packing of Valves

(N.S. 30502/44.—31 Aug. 1944.)

R.N. Store Depots are to ensure that where complete W/T transmitters for ground stations are despatched abroad, the valves should in all instances be dismantled and packed separately.

4647.—Despatch of Naval Stores and Spare Gear Urgently Required

(N.S. 14504/44.—31 Aug. 1944.)

The urgency classifications for demanding Naval Stores and Spare Gear detailed in A.F.O. 5073/42 are not to be used in future. Demanding authorities must specify a definite date for delivery in requests by signal or otherwise for Naval stores or spare gear urgently required, a reasonable time being allowed for packing and transport, and no allowance being made for "margin of safety".

2. These arrangements do not apply to Naval armament stores, for which separate instructions are in force.

(A.F.O. 5073/42 is cancelled.)

Section 4

OTHER STORES—NAVAL STORES, VICTUALLING STORES, MEDICAL STORES, CONTRACTS

4648.—Ammunition—Explosives Found in the Pockets of Loan Clothing Returned from H.M. Ships

(G./V. 4088/44.—31 Aug. 1944.)

Attention is drawn to A.F.O. 4587/44 in Section 2 of this week's issue.

(A.F.O. 4587/44.)

4649.—Admiralty Coal—Stocktaking—REPORTS

(*Naval Bases and Shore Establishments at Home and Abroad*)

(N.S. Fuel 1667/44.—31 Aug. 1944.)

To ensure that discrepancies do not exist between the quantities of Admiralty-owned coal on charge at Naval Bases and the *actual stocks*, whether in Naval or Contractor's custody, in the stacks, hulks or railway wagons, early action is to be taken to verify these quantities by actual stocktaking, and to effect an immediate adjustment in the daily or weekly stock reports if necessary.

2. All replenishments are based on these reports, and it is most important that they should be accurate and not merely book-keeping balances.

3. Stacks and ullages in craft should be measured in accordance with K.R. and A.I., Article 1960, and any material difference adjusted in the accounts, a report being forwarded at the same time explaining the discrepancy. Small differences are inevitable in handling coal, and may be disregarded.

4. Similar steps should be taken at shore establishments holding stocks of coal and coke for their own use.

(A.F.O. 1962/42.)

4650.—Restricted Use of Passenger Trains for Admiralty Goods

(N.S.M.T. 2230/44.—31 Aug. 1944.)

In view of the reduced passenger train services now operating, the forwarding of stores by this means is to be restricted as far as Service interests permit. Passenger train transits for both individual packages and through van leads should accordingly only be used when justified on grounds of urgency, or if articles are too fragile to be sent by freight trains.

2. Contact should be maintained with local Unit Controllers of the Ministry of War Transport Road Haulage Organization so that the fullest possible use is made of surplus capacity in road vehicles which are travelling over routes favourable for urgent Admiralty traffic.

4651.—W.R.N.S. M/T Drivers—Limit of Capacity of Vehicles to be Driven

(N.S.M.T. 713/44.—31 Aug. 1944.)

Except as provided in paragraph 2, the heaviest vehicle which may be driven by W.R.N.S. motor transport drivers is a four-wheeled lorry of a load capacity not exceeding 30 cwts.

Where, however, difficulty is experienced in obtaining suitable male drivers, vehicles of a load capacity of 3 tons, together with Austin and Morris heavy type ambulances, may be driven by W.R.N.S. drivers, provided:—

- (a) The drivers are tested and passed for driving such loaded vehicles by a qualified member of the Naval Store Department.
(b) The vehicles are fitted with self-starters.

3. Tests of drivers will be carried out at any of the following dockyards or depots. Arrangements for the test should be made with the (Superintending) Naval Store Officers concerned:—

Belfast, Cardiff, Chatham, Clyde Area, Devonport, Dover, Hull, Invergordon, Londonderry, Lyness, Mersey Area, Midland Area, Newcastle, Park Royal, Perth, Portland, Portsmouth, Rosyth, Sheerness, Severn Area, West Riding.

4. W.R.N.S. drivers are not to drive passenger omnibuses, converted motor coach type ambulances, or goods vehicles when used as passenger vehicles.

5. The limit of 350 c.c.s. for solo motor-cycles driven by W.R.N.S. is retained.

6. A record of W.R.N.S. drivers examined for driving the heavier vehicles should be kept at the dockyards and depots concerned.

(A.F.O. 2690/42 is cancelled.)

4652.—Clothing Supplies from Service Stocks to Officers on Detached Duty in the United Kingdom

(V.8/2027/44. 31 Aug. 1944.)

“Shorts, white drill, tropical” are to be added to the list in paragraph 3 of A.F.O. 1721/44. The present issuing price (including purchase tax) is shown in Part II of the Appendix to A.F.O. 652/44.

(A.F.Os. 652/44 and 1721/44.)

4653.—Dehydrated Vegetables

(V. 1336/44.—31 Aug. 1944.)

The following particulars concern descriptions of dehydrated vegetables, the circumstances in which they are to be used, and methods of preparation, etc.

2. Stocks of the following descriptions will be maintained at the home victualling yards according to their availability, but it cannot be guaranteed that any particular description will always be available:—

Potatoes.	Onions.
Potato powder.	Spinach.
Cabbage.	Runner beans.
Carrots.	Beetroot.
Turnips and Swedes.	Peas.

The descriptions stocked at victualling yards abroad will vary according to the varieties procurable from the sources whence supplies are obtained, e.g. South Africa and Australia. Arrangements should be made for information as to descriptions available to be promulgated in local orders.

3. Demands for dehydrated vegetables should indicate the descriptions required, what alternatives can be accepted in lieu of particular descriptions which may not be available, and whether any particular description is not required owing, for example, to a sufficient quantity being already held.

4. Dehydrated vegetables are intended for use, in the same way as tinned vegetables, when fresh vegetables are unobtainable for appreciable periods and a variation from marrowfat peas and haricot beans is desirable; the latter should continue to be the main substitutes for fresh vegetables. Attention is drawn to the instructions contained in A.F.O. 2259/43.

5. Dehydrated vegetables will as far as possible be supplied by victualling yards, if required, in lieu of tinned vegetables when full requirements of the latter are not available for supply owing to shortages in production.

6. Dehydrated vegetables are particularly advantageous in ships where saving in stowage space is important and considerable quantities of preserved vegetables have to be carried in certain conditions of employment. Care is to be taken, however, that the stocks carried are not excessive and that any quantities held which are unlikely to be required are returned to a victualling yard.

7. Dehydrated vegetables are not to be used in H.M. ships or shore establishments unless fresh vegetables are unobtainable.

8. Instructions for the preparation and cooking of dehydrated vegetables are given in the appendix. Cooking instructions are also to be found either printed on labels attached to the tins or pasted inside the cases or cartons.

9. The date of packing is also shown on the labels. Dehydrated vegetables will keep in sound condition in the unopened tins for about 12 months from the date of packing, and for 3 to 4 weeks after the tins are opened. In hot climates, however, it may be necessary for consumption to be ensured within a shorter period, and arrangements should be made for a regular examination of stocks.

10. Dehydrated vegetables are to be demanded and accounted for in pounds. The current issuing prices are shown in A.F.O. 5719/43; the issuing price for dehydrated peas is 2s. 6d. per lb.; for potato powder 6½d. per lb.

APPENDIX

1. *Potatoes*—(a) *American precooked shredded or riced type*.—To 1 lb. of potato shreds add 4 pints of boiling water and allow to stand with gentle heat for 10–15 minutes. Add salt to taste and stir vigorously until a smooth mash is obtained. The use of milk instead of all or part of the water, and/or the addition of a little butter or margarine will improve the flavour. If weighing facilities are not available the mixing proportion is approximately 1 volume of potato shreds to 2 volumes of water.

(b) *British or American strip dried or diced potato*.—Cover with boiling water, keeping hot but not quite boiling, for about an hour, then boil gently in the same water until tender (5–20 minutes). More water should be added if necessary and more salt will be required than with fresh potatoes—1 lb. of dried potatoes will give about 5 lb. when cooked.

(c) *British mashed potato powder*.—To 1 lb. of powder add quickly 3 pints of nearly boiling water (195° to 200° F. is ideal) and stir well immediately. A little more water may be added if necessary. Stir again after allowing to stand for 30 to 60 seconds, the mash will then be ready to serve. Salt should be added as desired, the most satisfactory method being to dissolve it in the water before the latter is poured on to the powder. The addition of a small amount of butter or margarine, or the use of milk instead of all or part of the water, will improve the flavour. The mixing proportion by volume is 1 of potato powder to 3½ of water.

(d) *For other varieties* of potatoes supplied, the manufacturer's instructions should be followed.

2. *Carrots*.—Cover with boiling water, keeping hot, but not boiling, for 1 or preferably 2 hours, then boil gently until tender (about 20 to 30 minutes), adding more water if necessary. More salt is required than with fresh carrots; 1 lb. of dried carrots will give about 7 lb. when cooked.

3. *Cabbage*.—Cover with boiling water, bring to the boil quickly and boil gently until tender (20–40 minutes), adding more water if necessary. More salt will be required than with fresh cabbage; 1 lb. of dried cabbage will give about 10 lb. when cooked.

4. *Turnips and swedes*.—Cover with boiling water, keeping hot, but not quite boiling, for 1 or preferably 2 hours, then boil gently for about 20 to 30 minutes until tender, adding more water if necessary. More salt is required than with fresh turnips; 1 lb. of dried turnips or swedes will give about 7 lb. when cooked.

5. *Onions*—(a) *Fried onions*.—Add just sufficient water to cover, bring to the boil slowly and allow to boil steadily for 15 minutes. Strain off all water and fry in the same manner as fresh onions. Add salt and pepper to taste.

(b) *Boiled sliced onions*.—Cover with warm water and allow to soak for 1 hour before cooking. Add salt to taste and bring to boil slowly. Boil steadily until tender, which will take about 30 minutes.

One lb. of onion flakes is equivalent to about 7 lb. of fresh unpeeled onions.

6. *Beetroot*.—Cover with hot water and leave for 8 hours or overnight. Boil in the same water until tender, which will take about 30 minutes. Allow to cool, straining off the water when it has become cold. Use only sufficient water to cover the beetroot.

One lb. of dried beetroot is equivalent to about 10 lb. of the fresh vegetable.

7. *Peas*.—Soak in boiling water overnight and cook for about 40 minutes.

One lb. of dried peas is equivalent to 4 lb. of fresh peas ex pod or 10 lb. of fresh peas in pod or approximately 3 tins (A.2½ size) of tinned peas.

Bicarbonate of soda may be used in soaking the peas.

8. *Spinach*.—Soak for 15 minutes in cold water, allowing five times the quantity of water. Bring to the boil and cook for 15 minutes; strain thoroughly and season.

One pound of dehydrated spinach should make 6 lb. of cooked spinach.

9. *Runner beans*.—Pour on enough boiling water to keep covered; add a little salt. Keep hot for 30 minutes but do not boil. Then bring to the boil and cook until tender; strain and season. If cold water is used, the time required for soaking will be about 5 hours.

One pound of dehydrated beans should make 8 lb. of cooked beans.

Notes.—If these vegetables are prepared and cooked properly, there is little to distinguish them in colour, taste, texture and nutritive value from the fresh article. There is, on the other hand, very considerable saving in space and preparing work and there is also complete elimination of refuse. The important points are:—

- (1) No soda to be used in preparation or cooking, except only in the soaking of dehydrated peas.
- (2) Soak carefully; be sure to soak for sufficient time. Take more time than in the instructions rather than less.
- (3) Except where definite amounts of water are given in the instructions, use enough to keep the vegetables just covered.
- (4) Whenever possible, cook the vegetables in the water in which they have been soaking.

(A.F.Os. 3163/42, 2259/43, and 5719/43.)

4654.—Onions—Supply Arrangements, 1944

(V. 14/5277/44.—31 Aug. 1944.)

The Ministry of Food will not be controlling the distribution of home-grown onions during the current season, and allocations of definite quantities for supply through the Admiralty vegetable contractors as in recent years will not, therefore, be made.

2. Arrangements are being made for onions to be included in the contracts for fresh vegetables which come into operation on 1st September, 1944. Contractors should be furnished, on request, with an estimate as far as practicable of requirements for the whole period of supply (i.e., from early September to end of December) in order that they may arrange for the requisite quantities to be obtained.

3. In cases where it may not be possible for contract arrangements to be completed in time for supplies to commence on 1st September, any immediate requirements in advance of formal contracts should be purchased locally on the best terms obtainable.

4. The following *maximum* prices which have been fixed by the Ministry of Food are promulgated for information and guidance in making any local purchases:—

	<i>Great Britain Northern Ireland.</i>	
Secondary Wholesale Price ...	29s. 6d. per cwt.	30s. 4d. per cwt.
	(delivery extra)	
Maximum Retail Price ...	4½d. per lb.	4½d. per lb.

4655.—Use of Fresh Foodstuffs

(V. 2676/42.—31 Aug. 1944.)

It is important that ships and establishments shall, whenever practicable, use fresh or unfinned varieties of foodstuffs in place of tinned foods.

2. During the summer months in the United Kingdom home produced foods, e.g. fresh vegetables, salads, fruit and fresh fish, are generally plentiful and full advantage should be taken of available supplies.

3. This will help to save shipping by reducing the importation of tinned foods and will tend to ease the position in regard to shortage of tin plate.

(A.F.O. 3163/42 is cancelled.)

4656.—Victualling of Persons not Belonging to the Royal Navy

(V. 2672/44.—31 Aug. 1944.)

The attention of Accountant Officers is drawn to K.R. & A.I., Article 1818, regarding the arrangements for the victualling of persons not belonging to the Royal Navy and the method of recovery of cost, and to Article 1700, paragraphs 11 and 14, in regard to the preparation of the abstract of the Ledger and Classified Summary of Victualling in respect of such persons. Much avoidable correspondence and delay in the preparation of claims for the cost of victualling are caused by failure to comply with these regulations.

2. Victualling Abstracts are often rendered with incomplete or incorrect particulars concerning persons not belonging to the Royal Navy. It is essential that the full names and addresses of private firms and the exact periods during which their employees have been messed or victualled should be shown. In many instances the details of contractors' addresses have been insufficient or omitted altogether.

3. There is no objection to copies of the nominal list, forwarded to the Director of Victualling in accordance with K.R. & A.I., Article 1818, clause 3, paragraph 4, being sent to private contractors for their information but these should *not* be valued or presented to them as claims.

(K.R. & A.I., Articles 1700 and 1818.)

(A.F.O. 2996/44.)

Section 5.—BOOKS, FORMS, RETURNS, CORRESPONDENCE

4657.—A.M.S.Is.

(E.F.O.—31 Aug. 1944.)

There are no Admiralty Merchant Shipping Instructions for distribution with this issue of A.F.Os.

(A.F.O. 4549/44.)

4658.—Admiralty Fleet Orders—Indication of New Matter

(C.E. 52423/44.—31 Aug. 1944.)

In future, an Admiralty Fleet Order in the A.F.O. and C.A.F.O. Series issued upon a topic forming the subject of a previous order will incorporate as much of the terms of the original Order as is still current and will cancel the original Order. A small amendment to a long Order may be treated exceptionally, the former reference being quoted in the text.

2. In such instances new matter will be indicated by a side ruling for complete paragraphs and underlining for smaller amendments.

4659.—Amendments to Books

(E.F.O.—31 Aug. 1944.)

The undermentioned amendments (A.F.Os. P.552-565/44) to B.R. and O.U. books are available for issue from the R.N. Store Depot, Elveden Road, Park Royal, N.W.10, in accordance with A.F.O. Volume 1941, Instructions, paragraph 9. Distribution is limited to holders of the relative publication(s) affected.

Demands from shore establishments in the Portsmouth Command should be sent to the Portsmouth Book Office, 54, Bedford Street, Leamington Spa, Warwickshire, and from those in the Plymouth Command to the Devonport Book Office, R.N. Port Library, Devonport. Demands from other shore establishments at home should be sent to R.N. Store Depot, Park Royal, London, N.W.10.

Amendments required for personal copies of the main books should be obtained from Distributing Authorities abroad, and from Park Royal when the Officer or rating is serving at home.

A.F.O. P.552/44.—B.R. 7/41—Censorship and Treatment of Naval Mails and Telegrams in Time of War—Amendment No. 8.

P.553/44.—B.R. 234/43—Drill with Respirator, Anti-gas—Amendment No. 1.

P.544/44.—B.R. 819 (3)—R.N.A.S., Part III, Torpedoes—Amendment No. 2.

P.555/44.—B.R. 841—Maintenance Routines for U.S.A. 22·4-in. Torpedoes—R.N. Amendment No. 4.

P.556/44.—B.R. 980 (B) (formerly O.U. 6090 (B))—R.T. No. 412 for 4·7-in. Guns—Amendment.

P.557/44.—B.R. 980 (B) (formerly O.U. 6090 (B))—R.T. No. 441 for 4·7-in. Guns—Amendment.

P.558/44.—B.R. 980 (K) (formerly O.U. 6090 (K))—R.T. No. 369 for 4-in. Guns—Amendment.

P.559/44.—B.R. 980 (K) (formerly O.U. 6090 (K))—R.T. No. 498 for 4-in. Guns—Amendment.

P.560/44.—B.R. 980 (X) (formerly O.U. 6090 (X))—R.T. No. 402B for 4·5-in. Guns—Amendment.

P.561/44.—B.R. 980 (X) (formerly O.U. 6090 (X))—R.T. No. 402C for 4·5-in. Guns—Amendment.

P.562/44.—O.D. 750 (U.S. Publication)—American 22·4-in., Mark 13 type Torpedoes. Description and Instructions for use of Torpedo Workshop Testing Equipment and Tools—R.N. Amendment No. 1.

P.563/44.—O.P. 629A (U.S. Publication)—Description, Adjustment, Care and Operation of U.S. 22·4-in., Mark 13 type Torpedoes—R.N. Amendment No. 6.

P.564/44.—O.U. 5407 (A)—R.N.A.S., Part I—Amendment No. 6.

***P.565/44.**—O.U. 6339—General Instructions for the Operation and Maintenance of Electrical Boat Cranes, Seaplane Cranes and Aircraft Recovery Gear—Amendment No. 2.

** Exceptionally A.F.O. P. 565 will be distributed without demand by the Superintending Naval Store Officer, R.N. Store Depot, 191a, Askew Road, Shepherds Bush, W., who holds the stock of the parent book.*

(A.F.O. 4548/44.)

4660.—Air Publications, etc., Distributed During March, 1944

(N.S. Air. 10847/44. 31 Aug. 1944.)

A.F.O. 4412/44 is to be amended as follows:—

Reference under title. For "N.S. Air 1087/44" read "N.S. Air 10847/44".

(A.F.O. 4412/44.)

4661.—Air Publications—Distribution of Amendment Lists and Leaflets During July, 1944

(N.S. Air 10849/44.—31 Aug. 1944.)

Any service receiving more copies of any amendment list or leaflet than it needs, should return such surplus copies to the Superintending Naval Store Officer, 191A, Askew Road, Shepherds Bush, W.12, or to the Naval Store Officer, 6, Murray Street, Belfast, with a statement of the actual number of copies required.

2. Services which have not received copies of amendment lists or leaflets referred to in this order, and which hold copies of the parent publication, should demand the appropriate number of copies from the Superintending Naval Store Officer, Shepherds Bush, or the Naval Store Officer, Belfast. (See A.F.O. 4036/44.)

*Amendment Lists to Airframe and Aero-Engine Publications, Volume I**Pilot's Notes and Ground Handling Notes*

A.P. No.	Description.
1525A and D.	Vol. I—Anson I—Amendment List No. 12 with orange label.
1525A.	Pilots Notes, Anson I—Amendment List No. 1.
1564B and D.	Vol. I—Hurricane IIa, IIb, and IIc—Amendment List No. 44 slips for Amendment List No. 43.
1565E.	Vol. I—Spitfire Va, Vb, Vc—Amendment List No. 43.
1566C.	Vol. I—Sunderland III—Amendment List No. 3 and slips for Amendment List Nos. 27, 28 and 29.
1580A and B.	Vol. I—Beaufort I and II—Amendment List No. 63.
1708D.	Vol. I—Proctor IV—Amendment List Nos. 3 and 4.
1721A, F, and J.	Vol. I—Beaufighter I—Amendment List Nos. 36 and 37 and Section Cards 1-11.
1721B.	Vol. I—Beaufighter II—Amendment List No. 25.
1728D.	Vol. I—Hercules VI Engine—Amendment List No. 7 and slips for Amendment List No. 6.
1810A.	Vol. I—Sabre I and II Engine—Amendment List Nos. 16, 17, 18, 19, slips for Amendment List No. 15.
2018A, B, and C.	Vol. I—Barracuda I and II—Amendment List Nos. 36, 37, 38, 39, 40, 41, 42.
2039A.	Vol. I—Centaurus VII Engine—Amendment List No. 1 with orange label.
2102A and B.	Vol. I—Firefly I and II—Amendment List Nos. 23 and 24.
2102A.	Pilot's Notes, Firefly I—Amendment List No. 1.
2351A and B.	Provisional Pilot's Notes, Corsair—Amendment List No. 1.
2380A, B and C.	Vol. I—Avenger I—Amendment List No. 2.
2382A.	Pilot's Notes, Avenger I—Amendment List No. 1.
6005.	Ground Handling Notes, Beaufighter—Amendment List No. 4.
6013.	Ground Handling Notes, Hurricane and Sea Hurricane—Amendment List No. 3.
6017.	Ground Handling Notes, Mosquito I, II, III and IV—Amendment List No. 8.
6018.	Ground Handling Notes, Spitfire and Seafire—Amendment List No. 6.
6032.	Ground Handling Notes, Boston and Havoc—Amendment List No. 4.
6033.	Ground Handling Notes, Fortress—Amendment List No. 1.
6064.	Ground Handling Notes, Auster I and III—Amendment List No. 4.
6067.	Ground Handling Notes, Anson I and IV—Amendment List No. 3.
6068.	Ground Handling Notes, Argus—Amendment List No. 5.

Leaflets to Airframe and Aero-Engine Publications, Volume II, Part I(i) *Airframe*

A.P. No.	Description.
1515B.	Walrus II—Leaflet No. M.34 (A.L. 1).
1517.	Swordfish—Leaflet Nos. C.38, Q.28.

Leaflets to Airframe and Aero-Engine Publications, Volume II, Part I—contd.

(i) Airframe—contd.

A.P. No.	Description.
1525.	Anson I—Leaflet No. P.18.
1526A.	Cheetah IX—Leaflet No. M.1 (A.L. 1).
1565B.	Spitfire IIa and IIb—Leaflet No. A.4 (A.L. 1).
1565Q.	Spitfire XIII—Leaflet No. Z.6.
1570A.	Skua I—Leaflet No. Z.14 (A.L. 1).
1578A.	Wellington I, Ia, and Ic—Leaflet No. Z.82.
1578L to P.	Wellington—Leaflet Nos. K.2, Z.12 (A.L. 2).
1580B.	Beaufort II—Leaflet Nos. Z.48 (A.L. 1), Z.77.
1580A.	Beaufort I—Leaflet No. Q.11.
1592B.	Defiant II—Leaflet No. P.8.
1592C.	Defiant T.T., Mark I—Leaflet No. P.2.
1596A.	Oxford I and II—Leaflet No. Q.10 (A.L. 1).
1669A.	Master I—Amendment List No. F.12.
1691B.	Harvard II—Amendment List Nos. Z.3, Z.3 (A.L. 1).
1669B.	Master II—Amendment List Nos. F.13, K.10.
1708A.	Proctor I and II—Amendment List No. B.10.
1807B.	Havoc II—Amendment List No. F.6 (A.L. 1).
2018A.	Barracuda I—Amendment List No. H.3 (A.L. 1).
2018B.	Barracuda II—Amendment List Nos. A.13, B.21, K.4 and 5, M.18, M.20, T.1, 2 and 3.
2018C.	Barracuda III—Amendment List Nos. K.1, M.1, T.1.
2031E.	Wildcat V—Amendment List Nos. M.3, P.1.
2102A.	Firefly I—Amendment List Nos. K.5, P.1, P.2.
2280B.	Seafire II—Amendment List No. Z.9 (A.L. 1).
2280C.	Seafire III—Amendment List No. B.1.
2281A.	Martinet I—Amendment List Nos. D.2, H.2 and 3, P.14 and 15, X.38.
2342A.	Seamew—Amendment List No. C.1.
2351A.	Corsair I—Amendment List Nos. Q.4 and 5.
2380A.	Avenger I—Amendment List Nos. B.2, J.1, J.5.

(ii) Aero-Engines

1451H.	Pegasus XVIII—Amendment List No. D.31.
1491D.	Mercury XV, XX and XXX—Amendment List No. C.20.
1500.	Gipsy Major—Amendment List No. Z.29.
1526B.	Cheetah X—Amendment List Nos. D.23, M.1 (A.L. 1).
1728B.	Hercules III, X and XI—Amendment List Nos. A.8, C.24 and 25, D.61, E.8 (A.L. 2), E.10 (A.L. 1), E.13, L.1, Z.38.
1728D.	Hercules VI—Amendment List Nos. D.15 (A.L. 1), D.42, D.43 and 45, E.5 (A.L. 1), J.5.
1847B.	Twin Wasp C.4—Amendment List No. F.1.
2046A.	Cyclone—Amendment List No. D.1.
2140A.	Merlin XX Power Plant, Mark I—Amendment List No. Z.13.
2233A.	Griffon II Power Plant—Amendment List Nos. K.2, Z.11 and 12.

Amendment Lists to Airframe and Aero-Engine Publications, Volume II, Parts 2 and 3

A.P. No.	Description.
1449B.	Part 2—Tiger Moth II—Amendment List No. 3.
1526A.	Part 2—Cheetah IX Engine—Amendment List No. 22.
1707A.	Part 2—Taurus II Mod. I and XII Engine—Amendment List No. 3.
1707B.	Part 2—Taurus VI Engine—Amendment List No. 2.
2281A.	Part 3—Martinet I—Amendment List No. 9.

Amendment Lists to Airframe and Aero-Engine Publications, Volume III, Part 1

A.P. No.	Description.
1451D.	Pegasus III, VI and XXX Engine—Amendment List No. 18.
1451G.	Pegasus XXII—Amendment List No. 14.
1526B.	Cheetah X Engine—Amendment List No. 16.
1593B.	Gipsy Queen II Engine—Amendment List No. 8.
1593C.	Gipsy Queen III Engine—Amendment List No. 8.
1669A.	Master I—Amendment List No. 12.
1669B.	Master II—Amendment List Nos. 6 and 7.

Amendment Lists to Airframe and Aero-Engine Publications, Vol. III, Part 1—contd.

A.P. No.	Description.
1728D and E.	Hercules VI Engine—Amendment List No. 5.
1792A.	Gipsy VI—I Engines—Amendment List No. 8.
1810A.	Sabre I and II Engine—Amendment List No. 10.
2018A and B.	Barracuda I and II Aircraft—Amendment List Nos. 16 and 17.
2140A.	Merlin XX Power Plant, Mark I Engine—Amendment List No. 1.

Amendment Lists to Airframe and Aero-Engine Publications, Volume III, Part 2 (Appendices "A")

Appendix "A" No.	Description.
App. "A" 995.	Defiant I—Amendment List No. 96.
App. "A" 1090.	Master II—Amendment List No. 78.
App. "A" 1179.	Defiant II—Amendment List No. 53.
App. "A" 1195.	Beaufighter IC—Amendment List No. 163.
App. "A" 1233.	Spitfire (F) IC—Amendment List Nos. 71 and 72.
App. "A" 1237.	Oxford I—Amendment List Nos. 65, 66 and 67.
App. "A" 1244.	Swordfish—Amendment List Nos. 74, 75, 77, 78, 80, 81.
App. "A" 1277.	Beaufighter II—Amendment List Nos. 78, 79.
App. "A" 1280.	Seafire IB—Amendment List Nos. 40 and 43.
App. "A" 1296.	Wellington II—Amendment List No. 43.
App. "A" 1308.	Seafire IIC—Amendment List Nos. 48, 49, 50, 52.
App. "A" 1311.	Firefly I—Amendment List Nos. 54 and 55.
App. "A" 1324.	Martinet I—Amendment List Nos. 41, 42, 43 and 44.
App. "A" 1327.	Wellington II—Amendment List Nos. 146, 147, 149 to 163 inclusive.
App. "A" 1329.	Spitfire XII—Amendment List No. 22.
App. "A" 1367.	Walrus I—Amendment List No. 17.
App. "A" 1381.	Wellington I—Amendment List No. 23.
App. "A" 1387.	Proctor IV—Amendment List No. 8.
App. "A" 1388.	Sea Hurricane IIB and C—Amendment List No. 12.
App. "A" 1390.	Sea Otter—Amendment List Nos. 22 to 28, 30, 31, 34 and slips for Amendment List No. 29.
App. "A" 1394.	Firefly II—Amendment List Nos. 32, 34, 42, 44, 45, 46, 47, 48, 50.
App. "A" 1415.	Wildcat—Amendment List No. 4.
App. "A" 1418.	Hurricane—Amendment List Nos. 29, 30.
App. "A" 1421.	Hellcat B.C.—Amendment List No. 7.
App. "A" 1437.	Proctor I—Amendment List Nos. 7, 8, 9, 10, with slips for Amendment List No. 6.
App. "A" 1438.	Proctor II—Amendment List No. 2.
App. "A" 1439.	Proctor III—Amendment List No. 2.
App. "A" 1442.	Avenger B.C.—Amendment List Nos. 2, 5.
App. "A" 1446.	Corsair—Amendment List Nos. 1, 2.
App. "A" 1495.	Tiger Moth II—Amendment List No. 3.
App. "A" 1521.	Hudson V—Amendment List Nos. 3, 4, 5.
App. "A" 3085.	Corsair—Amendment List No. 4A.
App. "A" 3098.	Corsair II—Amendment List No. 3A.
App. "A" 3100.	Avenger—Amendment List No. 1A.
App. "A" 3103.	Wildcat VI—Amendment List No. 1A.
App. "A" 3104.	Traveller I—Amendment List No. 1A.
App. "A" 3112.	Corsair III—Amendment List No. 1A, 2A.
App. "A" 3115.	Hellcat I—Amendment List No. 2A.

Amendment Lists to Airframe and Aero-Engine Publications, Weight Sheet Summaries and Checking Lists

S.A.T.C.L. No.	Description.
S.A.T.C.L. 191.	Wellington II—Amendment List No. 1.

Amendment Lists to Airframe and Aero-Engine Publications O.U. and B.R. Series

B.R. No.	Description.
B.R. 377A.	Swordfish—Amendment List No. 3 (P.434/44).
B.R. 377C.	Firefly—Amendment List No. 1 (P.435/44).
B.R. 378.	A.S.E. General—Amendment List Nos. 38 (P.361/44), 39 (P.362/44), 40 (P.366/44).

Amendment Lists to Airframe and Aero-Engine Publications, O.U. and B.R. Series—contd.

<i>B.R. No.</i>	<i>Description.</i>
B.R. 378C.	Firefly—Amendment List No. 9 (P.383/44).
B.R. 378E.	Albacore—Amendment List No. 25 (P.382/44).
B.R. 378G.	Wildcat IV—Amendment List No. 10 (P.411/44).
B.R. 380B.	Barracuda—Amendment List No. 6 (P.410/44).
B.R. 380G.	Wildcat IV—Amendment List Nos. 4 (P.428/44), 5 (P.429/44).
B.R. 380J.	Seafire IB and IIC—Amendment List Nos. 5 (P.430/44), 6 (P.431/44).
B.R. 380L.	Hellcat I. Preliminary Amended Standard Checking List—Correction dated 22nd May, 1944.

Technical Orders

<i>T.O. No.</i>	<i>Description.</i>
TO-02-10AB-2.	Pratt and Whitney R.985-AN-1 (Expediter and Traveller) Revision Sheets 10th March, 1944).
TO-02-10AB-3.	Pratt and Whitney R.985-AN-1 (Expediter and Traveller) Revision Sheets 1st April, 1944).

Miscellaneous

Description.

Provisional Carrier Allowance List (for 1 Squadron of 12 A/C) for Corsair I and II (F4U-1)—Amendment List No. 2.
Squadron Mobile Equipment List.—Part II for Corsair I and II (F4U-1)—Amendment List No. 4.
Provisional Carrier Allowance List for Avenger II (T.B.M.-1C)—Amendment List Nos. 2 and 3.
Provisional Carrier Allowance Lists for Hellcat (F6F-3)—Last 5 pages.
Provisional List of Stores for M.A.C. Ships—Amendment List Nos. 7, 8.
Airframe Parts List for Hellcat.—Revision Sheets dated 16th May, 1944, 10th May, 1944, 31st March, 1944, 1st April, 1944, 12th May, 1944, 6th May, 1944, 4th May, 1944, 27th April, 1944, 26th April, 1944, 20th April, 1944, 19th April, 1944, 2nd May, 1944, 29th April, 1944, 28th April, 1944, 1 set.
Airframe Parts List for Hellcat.—Revision Sheets dated 5th June, 1944, 29th May, 1944.

(A.F.O. 4036/44.)

4662.—Air Publications Distributed During the Week Ending 5th August, 1944

(N.S. Air 10848/44.—31 Aug. 1944.)

<i>Miscellaneous Publications</i>		<i>Distribution</i>
Progressive Repair System A/c. Generators.	Revision 1st November, 1943	Initial General
Progressive Repair System Oil Temperature Regulator.	Revision 1st March, 1944	Initial General
Progressive Repair System A/c. Starters.	Revision 1st November, 1943	Initial General
Air Depot, Progressive Overhaul Manual, R.1820 Engine.	Revision 1st March, 1944	Initial General
Air Depot Progressive Overhaul, P. & W. R.2000-7 Engine.	Revision 1st March, 1944	Initial General
Air Depot Progressive Overhaul Manual, R.2600 Engine.	Revision 1st March, 1944	Initial General
Air Depot Progressive Overhaul Manual, R.2800-7 Engine.	Revision 1st November, 1943	Initial General

General Publications

<i>A.P. No.</i>	<i>Description</i>	<i>Distribution</i>
A.P. 1086, Part 13	Metals	Initial General
A.P. 1182B, Volume I	Safety harness	Initial General
A.P. 1355L, Volume I	Projectors, lanterns and epidiascopes	Initial General

4663.—Air Publications Distributed During the Week Ending 12th August, 1944

(N.S. Air 10848/44.—31 Aug. 1944.)

<i>Airframes and Engines</i>		<i>Distribution</i>
<i>A.P. No.</i>	<i>Description</i>	
6081	Ground Handling Notes Expediter	Initial General
B.R. 380 PA, PB and PC	Corsair I, II and III	Initial General
A.C.L. No. 57R	Anson I	Initial General
NAV-AER 01-190QB-2	Wildcat VI	Initial General

<i>Miscellaneous</i>		<i>Distribution</i>
<i>Description</i>		
Ordnance Pamphlet No. 0 20th Revision (which is the Index of Ordnance Pamphlet U.S. Publications, May, 1943).		Initial General
Tee Emm, Vol. IV, No. 4 (July, 1944)		Initial General

4664.—B.R. 36—"Medical and Surgical Handbook"—Preparation of a New Edition—REPORT

(M.D.G. 39776/44.—31 Aug. 1944.)

An entirely new edition of B.R. 36—"Medical and Surgical Handbook for the Guidance of Officers in Command of those Vessels in His Majesty's Service in which no Medical Officer is Borne"—is being prepared in the Medical Department, Admiralty.

2. Officers who have been, or are now in command of a vessel in which no Medical Officer is borne, and who have had experience of the use of B.R. 36, or of occasions in which they have or might have used it, are invited to render their opinions under the following headings:—

- Existing text which is considered superfluous.
- Existing text which it is considered should be amplified.
- Additional subject matter which it is considered should be included in the new edition.
- Remarks of either a general or detailed nature which would be of value in the preparation of the new edition.

3. Medical Officers who are interested are also invited to state their opinions along similar lines.

4. Reports should be rendered as soon as convenient to:—

Medical Director-General,
Medical Department of the Navy, (Admiralty),
64, St. James's Street, London, S.W.1.

4665.—B.R. 257 (1)—Addendum to B.R. 257—Handbook for the 4-in. Q.F., Mark XVI* Gun on the H.A. Twin, Mark XIX and Single Mark XX Mountings for 4-in. H.A. Twin, Mark XIX Mountings fitted with R.P. 50, 51 and 52—Issue

(G. 015772/43.—31 Aug. 1944.)

The above-mentioned book is now in the press and copies will be issued, without demand, to all concerned, by the Superintending Naval Store Officer, R.N. Store Depot, Park Royal, N.W.10., in accordance with the following establishment, viz. :—

	<i>Copies</i>
Flag Officers	1
Battleships	8*
Cruisers	8*
Fleet Carriers	8*
A.A. Cruisers	6*
Fighter Direction Ships	6*
Aircraft Repair Ships	4*
Destroyers	4*
Fast Minelayers	4*

Copies

Sloops	...	...	...	...	...	...	4*
Monitors	...	...	...	...	...	...	4*
Loan Libraries	...	...	...	...	...	...	1
Captain H.M.S. "Excellent"	...	...	...	...	...	...	50
Captain (G), R.N. Gunnery School, Chatham	...	...	...	...	...	...	15
Captain (G), H.M. Gunnery School, Devonport	...	...	...	...	...	...	12
Captain, H.M.S. "Vernon" (E.L.)	...	...	...	...	...	...	2

Dockyards

Portsmouth	...	...	...	...	...	...	5
Devonport	...	...	...	...	...	...	5
Chatham	...	...	...	...	...	...	5
Sheerness	...	...	...	...	...	...	5
Rosyth	...	...	...	...	...	...	3
Orkneys	...	...	...	...	...	...	1
Pembroke	...	...	...	...	...	...	2
Malta	...	...	...	...	...	...	4
Gibraltar	...	...	...	...	...	...	3
Alexandria	...	...	...	...	...	...	2
Bermuda	...	...	...	...	...	...	3
Simonstown	...	...	...	...	...	...	3
Durban	...	...	...	...	...	...	2
Ceylon	...	...	...	...	...	...	1
Kilindini	...	...	...	...	...	...	2
G.E.O. R.N. Base, Lyness	...	...	...	...	...	...	1
E.O. Gun Mountings, Alexandria	...	...	...	...	...	...	1

Gun Mounting Overseers

Barrow; Newcastle; Parkhead; Gainsborough; Woolwich; Coventry	1 each
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Warship Electrical Superintendents

Scottish Area; North Western Area; North Eastern Area; Midland and South Wales Area; London and South Eastern Area; South Western Area; Northern Ireland	1 each
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Admiralty Electrical Engineers

Manchester; Newcastle; Nottingham; Sheffield	1 each*
Military College of Science	...	...	...	...	...	...	1
Ministry of Supply S.S. 2B (for A.1; C.E.A.D. S.O.B.; C.S.A.R.; S. of E. Shoeburyness.)	...	...	...	...	...	...	5
R.N. College, Greenwich	...	...	...	...	...	...	1
Naval Staff Library, Admiralty	...	...	...	...	...	...	2
B.A.D.	...	...	...	...	...	...	1
B.A.M.S.R.	...	...	...	...	...	...	1
B.A.T.M.	...	...	...	...	...	...	1
The Secretary, Navy Office, Melbourne, Australia	...	...	...	...	...	...	1
The Secretary, Navy Office, Wellington, New Zealand	...	...	...	...	...	...	1
The Secretary, Naval Board (N.D.A.) Ottawa, Canada	...	...	...	...	...	...	15

* Ships fitted with 4-in. H.A. Twin Mark XIX mountings fitted with R.P. 50, 51, 52.

4666.—B.R. 791—Wireless Signalling Instructions, 1944—Issue

(S.D/M. 0590/43.—31 Aug. 1944.)

Attention is drawn to A.F.O. S.334/44, dated 31st August, 1944.

(A.F.O. S.334/44.)

4667.—B.R. 1056—Specifications for the Conversion of Red Ensign Ships for Use in Combined Operations—Distribution

(D.C.O.M. 0371/44.—31 Aug. 1944.)

An initial limited distribution of B.R.1056 has been made.

2. Demands for copies should be addressed to:—

The Superintending Naval Store Officer,
R.N. Store Depot,
Elveden Road,
Park Royal,
London, N.W.10.

4668.—Forms O.2(n)—Introduction

(A.S/Sta. 15667/44.—31 Aug. 1944.)

New printed vouchers forms (O.2 series) have been introduced, and should be added to Form O.1, page 1, as follows:—

O.2 (n) (outside)—Ordnance Q.F. 40-mm. Marks IV and X guns.

O.2 (n) (inside)—Ordnance Q.F. 40-mm. Marks IV and X guns.

One outside sheet and one inside sheet constitute a complete printed voucher.

These forms are made up into pads of 60 sheets each. Demands should be addressed to Superintending Naval Store Officer, R.N. Store Depot, Elveden Road, Park Royal, N.W.10, for supply when available, but an initial supply to main depots abroad will be arranged without demand.

4669.—Form S.1148 (1)—Report of Failure of Motors Rocket, Rockets "U" and Heads (Except A.A.D., Type D (P.A.C.))—Introduction

(G. 010302/43.—31 Aug. 1944.)

Experience has shown that Form S.1148 (i)—Report of Hangfire or Failure of a Tube or Primer, which has hitherto been rendered by users when reporting failures with cordite propelled rockets and A.A.D. apparatus, is not suitable for these types of ammunition.

A new Form S.1148 (1) has therefore been introduced and should be rendered when failures occur of Motors Rocket, Rockets "U", including Heads, and Apparatus A.D., except A.A.D., Type D. (P.A.C.).

This form is to be rendered in accordance with Articles 310 and 314A of B.R. 862, Naval Magazine and Explosives Regulations 1941, and Article 175A of B.R. 863—Royal Naval Air Station Magazine and Explosives Regulations, 1943, and should be taken into use forthwith.

2. The establishment for the form is as follows:—

Fleet, Light Fleet and Escort Carriers, Naval Air Stations.	48 copies each as an initial supply.
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Other ships supplied with Motors Rocket, Rockets "U" and A.A.D. appar- atus except A.A.D. type (D) (P.A.C.).	24 copies each as an initial supply.
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3. Issues to Aircraft Carriers and Naval Air Stations will be made without demand.

Other ships concerned should demand supplies from the Superintending Naval Store Officer, R.N. Store Depot, Elveden Road, Park Royal, N.W.10.

(B.R. 862 and B.R. 863.)

**4670.—Commander-in-Chief, Western Approaches, and H.M.S. "Eaglet"—
Postal Addresses**

(M. 1544/44.—31 Aug. 1944.)

The correct postal addresses for the Commander-in-Chief, Western Approaches, and H.M.S. "Eaglet", are as follows:—

Commander-in-Chief,
H.M. Ships and Vessels,
Western Approaches,
Derby House,
Exchange Buildings,
Liverpool, 2.

and

H.M.S. "Eaglet",
Royal Liver Building,
Liverpool, 3.

2. The use of any other forms of address causes undue delay in the delivery of correspondence.

See AFO 188/46
4671.—H.M.S. "King Alfred"—Correspondence

(C.W. 43967/44.—31 Aug. 1944.)

The establishment known as H.M.S. "King Alfred" consists of:—

(a) The main buildings in Kingsway, Hove—H.M.S. "King Alfred"

(H).

(b) Lancing College, Shoreham-by-Sea—H.M.S. "King Alfred" (L).

2. All correspondence should be addressed to H.M.S. "King Alfred", Hove 3, Sussex.

3. The name H.M.S. "King Alfred II" is not to be used.

(A.F.Os. 1889/44 and 4190/44 are cancelled.)

4672.—H.M.S. "Revlis"—Address

(M. 1876/44.—31 Aug. 1944.)

Considerable delay has been caused by correspondence to H.M.S. "Revlis" being incorrectly addressed.

2. The correct address is as follows:—

Commanding Officer,
H.M.S. "Revlis,"
Helensburgh.

4673.—Report on Naval Operations in the Pacific

(D.P.S. 455/44/M.—31 Aug. 1944.)

Copies of a report to the Secretary of the United States Navy by Admiral Ernest J. King, U.S.N., C.-in-C. of the U.S. Fleet, on United States Naval Operations in the Pacific, are being distributed on the following scale:—

Battleships and Fleet carriers	...	4 copies.
Cruisers and light carriers	...	} 3 copies.
Escort carriers	...	
Depot ships	...	
Repair ships	...	
Accommodation ships	...	
Destroyers and sloops	...	2 copies.
Corvettes	...	} 1 copy.
Frigates	...	
Submarines	...	
Shore establishments	...	1 copy for every 500 men borne.

2. This report will not only provide Commanding Officers with a historical background to the war in the Pacific for their own information and for use by officers preparing lectures on the Japanese War, but should also be made available to officers and men for general information. Publicity is to be given to the receipt on board of this report, and ratings, as well as officers, are to be given adequate opportunity to study it.

4674.—Rotaprint Duplicators—Stencil Transfer Process on Hot Weather Stations

(Sta/N. 13714/44.—31 Aug. 1944.)

It has been reported that difficulty has been experienced in reproduction by the Rotaprint process, on hot weather stations, due to the effect of climatic conditions on the waxless stencils supplied, and that patches of grease appear on the back of the stencil, and during the stencil transfer process are transferred to the metal plates which result in failures when printing.

The following remedy, which has been found to be efficacious, is promulgated for information:—

Before the stencil is cut it should be "backed" with a very fine layer of gum (preservative gum for metal plates can be used), by sponging the gum evenly and thinly over a metal plate which can then be laid gum-side downwards on to the back of the stencil and subjected to even pressure all over. Remove the metal plate and allow the gum which has been transferred to the stencil to dry. This coating of gum "contains" the grease on the back of the stencil, which can then be cut in the normal way.

(Headquarters, Supreme Allied Commander, South East Asia Comp. 538/44,
25 May, 1944.)

Section 6.—SHORE ESTABLISHMENTS

4675.—Annual Leave in 1944—Civilian Non-Industrial Staffs

(C.E. 50492/44.—31 Aug. 1944.)

Subject to the needs of the work and to the development of any special emergencies, the annual leave of civilian non-industrial staffs in 1944 will be 18 days, provided that this is not more than the annual leave to which they are entitled under their normal conditions of service.

2. Officers should be encouraged to take two weeks of their leave consecutively.

3. Part-time workers who work regularly not less than 18 hours a week should be allowed paid annual leave covering 3 weeks, provided that they would be entitled to 18 days' leave if they were employed full-time.

4. Officers who are engaged on "resident" inspection duties in outside industry should not normally be given leave in excess of that given to non-industrial staff in private employment in the same establishment.

(A.F.O. 1290/44 is cancelled.)

4676.—Balance of Civil Pay—Civil Servants Serving with H.M. Forces who are Missing in the Far East

(C.E. 12865/44.—31 Aug. 1944.)

The following addition should be made to A.F.O. 4330/44:—

(vi) India and Burma—Those posted missing on or after 1st June, 1944.

A period of 26 weeks from the date the relatives were notified.

(A.F.O. 4330/44.)

4677.—Admiralty Supplied Items Delivered Direct to Shipbuilders, Boatbuilders and Other Contractors by Manufacturers—Details of Allocation to be Inserted on Manufacturers' Invoice Forms D.55—REPORTS

New Construction Ships, Craft and other Admiralty equipment built by Contract

(D.A. 331/44.—31 Aug. 1944.)

In order to ensure the correct allocation to the appropriate ships and Navy Vote sub-heads of payments by the Admiralty for supplies delivered direct by the manufacturers to shipbuilders, it is necessary that the Forms D.55 relating to all Admiralty supplied items shall indicate clearly on the front of Part I of the form the identities of the ships to which the articles have been or will be allocated.

2. The Overseer who receives the articles and signs the Form D.55 is to be responsible for the correctness of the form in this respect. If not already noted thereon, he is to insert the Admiralty job numbers or, when no job numbers are allotted, names of the ships to which the articles are allocated.

3. In a number of cases the allocation of the article may be still under consideration or unknown when it is delivered at the receiving yard.

4. The Overseer is then to annotate the Forms D.55 briefly in such a manner as will assist the Admiralty and outdoor staffs concerned to maintain records of the whereabouts of the article, as well as its source of supply, until it is eventually allocated, or otherwise disposed of, when the fact is to be reported to the Admiralty and reference made therein to the Form D.55 on which the article was invoiced.

5. Should any difficulty in carrying out these instructions be experienced, a report on the matter is to be forwarded without delay through the usual channels.

4678.—Cash Advances made to or received from other Governments, Government Departments and Private Organizations—Adjustment Procedure

(D.N.A. 26822/44.—31 Aug. 1944.)

Attention is drawn to A.F.O. 4600/44 in Section II of this issue.

4679.—Telephone Facilities for Dominion and Allied Navies in the United Kingdom

(M.F/M. 05873/43.—31 Aug. 1944.)

Applications made by local Naval authorities to telephone managers for the provision of independent telephone circuits in the United Kingdom for Dominion and Allied Navies must clearly indicate for which Dominion or Navy the work is authorized.

2. Particulars of existing lines should be communicated to the appropriate telephone managers.

3. This Order applies also to dockside connections, but not to extensions from Naval switchboards.

(A.F.O. 1769/43.)

(A.F.O. 2694/43 is cancelled.)

4680.—Civilian Industrial Employees at Home—Compassionate Paid Leave

(L. 2777/43.—31 Aug. 1944.)

When an industrial employee has his house demolished or severely damaged or loses a close relative by enemy action in this country he may, at the discretion of the Officer-in-Charge, be granted up to three days of compassionate leave with pay.

(A.F.O. 774/44 is cancelled.)

4681.—National Savings—Local Deduction Scheme for Industrial Employees

See AFO 5132/46 (D.N.A. 28706/44.—31 Aug. 1944.)

Previous Admiralty Fleet Orders promulgating the arrangements made for the "National Savings Local Deduction Scheme" have been consolidated and amplified as necessary and are re-issued herein.

2. The "National Savings Local Deduction Scheme" provides for weekly deductions from the pay of industrial employees at home establishments for the purchase of National Savings Certificates, or for deposit in the Post Office or a Trustee Savings Bank. Industrial employees serving in H.M. Forces are also eligible to participate in the scheme. (*Note.*—The Civil Service Voluntary Savings Scheme is no longer applicable to industrial employees at home establishments.)

3. Forms of authority for deductions from pay must be completed by all employees desiring to participate in the scheme. The necessary forms are issued by the National Savings Committee.

4. Subject to reasonable notice being given and to completion of the appropriate form, workpeople may commence, cease, increase or decrease their subscriptions at any time. Subscriptions will only be deducted when the week's pay permits and no arrears will be deducted. On the return to duty of workpeople who have been on the sick list or on leave without pay, the normal arrangement will be for deductions to be recommenced at the rate previously in force as from the first full pay week following the date of return to duty.

5. At establishments where the Expense Accounts Department, or comparable Wages Section, is responsible for the net wages paid, e.g., H.M. Dockyard, Portsmouth; R.N. Cordite Factory, Holton Heath; the procedure will be as follows:—

(a) The completed authorities for deduction from pay will be passed to the Expense Accounts Officer (or Officer-in-Charge of the Wages Section), who will give them consecutive "request" numbers and create a personal record card for each subscriber. The personal record card will show:—

- (i) Full names of subscriber.
- (ii) Yard No.
- (iii) Centre.
- (iv) Holder's Registered No., or particulars of Savings Bank Account, and full names if the Certificates are to be registered, or the deposits made, in other than the subscriber's name, e.g., wife. Where an employee has authorized deductions from his pay for the purchase of Savings Certificates or for credit to a Savings Bank account in the name of another person, it should be clearly understood that the Certificates or the money in the account will be regarded as that person's sole property.
- (v) Date of authority for deduction, consecutive number assigned and amount of weekly deduction authorized.
- (vi) Amount deducted each week and unallocated balance remaining after the issue of Certificates or transfer to the Savings Bank Account has been authorized.
- (vii) Serial Nos. of Certificates issued or date of transfer to the Savings Bank Account.

(b) The authorities for deduction will be forwarded by the Expense Accounts Officer (or Officer-in-Charge of the Wages Section) to the Cashier for retention in order of number.

(c) The Expense Accounts Officer (or Officer-in-Charge of the Wages Section) will forward to the Cashier each week statements *in duplicate* showing the following particulars in respect of each person entitled to be issued with Certificates, or to have sums transferred to a Savings Bank Account. Separate lists are to be furnished in respect of (a) issue of Certificates, (b) transfers to Post Office Savings Bank, and (c) transfers to Trustee Savings Banks.

- (i) Centre.
- (ii) Yard No.
- (iii) Subscriber's name and name of beneficiary, if different.
- (iv) Request No.
- (v) Holder's Registered No. or particulars of Savings Bank Account. If the Certificates are to be registered or the deposits made in the name of someone other than the subscriber, e.g., wife, that person's Holder's No. (or particulars of Savings Bank Account) and full names are to be shown.
- (vi) Number of Certificates due for issue, or amount to be transferred to the Savings Bank Account.

On each statement the total value of the Certificates to be issued (and of the amounts to be transferred) will be shown. The Cashier will insert in the final column of these statements the Serial Number(s) of the Certificate(s) issued to each person or the date of transfer to the Savings Bank and return one copy to the Expense Accounts Officer (or Officer-in-Charge of the Wages Section.)

- (d) The deductions from wages will be shown on the Pay Rolls and also under the following headings on the weekly wages certificates (D.202):—
 - (i) N.S. Local Deduction Scheme—Certificates.
 - (ii) N.S. Local Deduction Scheme—P.O.S.B.
 - (iii) N.S. Local Deduction Scheme—Trustee Savings Bank.
- (e) The total weekly deductions as recorded on the personal record cards will be agreed each week with the proved total for National Savings as shown on the Pay Rolls.
- (f) The Cashier will be responsible for the distribution of Savings Certificates. The Certificates should normally be inserted in the pay envelopes, in which circumstances receipts will not be required, but the envelopes should be stamped "Savings Certificate". If other arrangements for the distribution of Certificates are made by the Cashier, receipts for the Certificates should be obtained. Receipts will also be necessary where employees are on detached duty and their wages are forwarded to them either individually or by means of a cheque and pay list to the local Officer-in-Charge.

6. At other establishments, i.e. those at which the Cashier is responsible for the calculation of wages payments, a similar procedure will be followed, except that the authorities for deduction from pay will be passed direct to the Cashier who will be responsible for the maintenance of the personal record cards. A record of the weekly deductions from pay will be maintained in the Muster and Pay Books.

7. The following procedure is to be followed by the Cashiers of all establishments:—

- (a) The total sum deducted from wages each week is to be taken on charge in the Cash Account under the headings as shown in paragraph 5 (d) above.
- (b) As soon as possible after the week's deductions have been made, the Cashier is to purchase from the local Post Office or from the credit stock of Certificates held by him (*vide* paragraph 17 below) Certificates up to as nearly as possible the cash in hand from the deductions for the purchase of Savings Certificates, including any small balance brought forward from the previous week, credit being taken in the Cash Account under the heading of "N.S. Local Deduction Scheme—Certificates".
- (c) Once every four weeks the Cashier is to send to the Director of Post Office Savings, Harrogate, Yorks, and to the Actuary of the local Trustee Savings Bank, lists showing the names and the Account Numbers (*vide* paragraph 15 below) of all persons to whom sums are due. The full amount standing to the credit of

each subscriber (whether it be more or less than 15s.) should be remitted. The lists should be accompanied by a cheque for the total amount to be credited to the subscribers' accounts, and credit should be taken in the Cash Account under the heading of "N.S. Local Deduction Scheme—P.O.S.B." or "N.S. Local Deduction Scheme—Trustee Savings Bank". The list to the Director of Post Office Savings should be *in duplicate*. The under copy of the list will be receipted by the Post Office Savings Bank and returned to the Cashier.

8. At all establishments the Cashier is to maintain the following accounts:—

- (a) A *Suspense Account* showing the total amount deducted from pay each week and the value of the Certificates issued to subscribers and the value of transfers made to the Savings Bank Accounts. The balance of the account will show the total sum due to subscribers as represented by unissued Certificates (purchased from the local Post Office or from the credit stock—*vide* paragraph 7 (b) above) and any balance of cash unexpended. At the end of each month the balance of this account and the total of the balances due to subscribers as shown on personal record cards, should be agreed by the Cashier, or by the Expense Accounts Officer (or Officer-in-Charge of the Wages Section) and the Cashier at the establishments referred to in paragraph 5 above. The Cashier should also ensure that the balance is fully covered by the unissued Certificates held by him and any cash balance remaining unexpended. *See also* paragraph 12 below. If considered desirable separate Suspense Accounts should be maintained for (i) Savings Certificates, (ii) P.O.S.B. Accounts, and (iii) Trustee Savings Bank Accounts.
- (b) A *Certificate Account* showing the value of the Certificates purchased each week and the value of the Certificates issued to subscribers each week. The balance of this account at any time will represent the value of dated Certificates in stock on which Holders' Registered Nos. have not been inserted. The Cashier should assure himself that he has in stock the Certificates which his records show and he should carry out a check personally each month.
- (c) An *Unclaimed Certificate Register* showing the values of Certificates made available for issue to subscribers (by insertion of Holder's Registered No.) but returned to, or remaining, in the Cash Office as unclaimed, and the values of such Certificates subsequently issued. The balance of this account should represent the value of Certificates held by the Cashier which bear the Holder's Registered No. (*Note.*—No entry need be made in this Register until such time as the wages contained in the envelope are returned to the chest.)

At H.M. Dockyards Chatham, Devonport, Portsmouth, Rosyth and Sheerness, a quarterly audit of these special accounts is to be carried out by a member of the staff of the Secretary's Department. At other establishments, a suitable person should be appointed by the Head of the establishment. It is important that the person appointed should be competent to examine the accounts in detail and to satisfy himself that they are in order. Reports of the audit should be submitted to the Head of the establishment and it is unnecessary for copies to be forwarded to the Admiralty or to the National Savings Committee.

9. In connection with the issue of Certificates the following particulars are to be inserted on the undermentioned documents:—

- (a) On each Certificate. The Holder's Registered No.
- (b) On each Counterpart "A"
 - (i) The Holder's Registered No.
 - (ii) Surname and initial letter of each Christian name of the holder.

(iii) Number of Savings Group in space provided for "Signature of Holder". A rubber stamp will be provided by the National Savings Committee.

(c) On each Counterpart "B". The Holder's Registered No.

(Note.—Particulars of counterparts attached need not be entered.)

(d) On the Holder's Card (new holders only).

"A" Portion.

(i) Surname of holder.

(ii) All Christian names in full.

(iii) Private address.

(iv) Specimen signature detached from authority for deduction to be gummed on.

(v) The Cashier's date stamp.

"B" Portion.

(vi) The Cashier's date stamp. (Holders should be advised to sign the Card in the space provided as soon as possible.)

(Note.—Holders' Cards will be supplied by the National Savings Committee.)

10. Counterparts and Holders' Cards (Portion A) should be forwarded by Cashier direct to the Savings Certificate Division, Morecambe, Lancs, as soon as possible after completion.

11. Spoilt Certificates should be returned to the Post Office at which they were obtained for re-issue and accounted for through the Account referred to in paragraph 8 (b) above.

12. In the case of workpeople transferred to other Admiralty establishments at home, any unallocated balance due under this savings scheme will be remitted to the new establishment. Any balances due to workpeople transferred to Admiralty establishments abroad or discharged from the service are to be paid to them at the time of discharge. All payments made in accordance with this paragraph should be brought to account under the appropriate suspense heading (*vide* paragraph 5 (d) above) and passed through the Suspense Account referred to in paragraph 8 above.

13. As stated in paragraph 7 (b) above, Certificates to the value of the subscriptions will be purchased each week from the local Post Office or from the credit stock of Certificates held by the Cashier. The Certificates will bear the date of purchase and a stock of Certificates will thus be held bearing different dates. Care is to be taken to ensure that the Certificates are distributed to subscribers on as equitable a basis as possible.

14. Subscribers having amounts transferred to their Savings Bank Accounts should periodically transmit their Bank Books to the Post Office Savings Bank, Harrogate, Yorks, or to the Trustee Savings Banks for the requisite credit entries to be made.

15. The Post Office Savings Bank requires the opening of new accounts in connection with this scheme in a special "DX" ledger and a subscriber who already has a Post Office Savings Bank account will thus become the holder of two accounts. It will be unnecessary for a reference to an existing account to be furnished on the formal authority for deduction from wages and the numbers of the accounts in the "DX" series only should be included in the lists to be forwarded to the Director of Post Office Savings—*vide* paragraph 7 (c) above. A new Bank Book will be issued for each new account opened and the person in whose name the account stands will be required to complete a form of declaration. New Banks Books and declaration forms will be sent (with the receipted lists) to the Admiralty establishment concerned for distribution to the depositors who should complete the declarations, which should then be returned to the Director of Post Office Savings, Harrogate, Yorks.

16. The arrangements necessary in connection with transfers to Trustee Savings Banks should be discussed locally with the Savings Bank Actuary.

17. As intimated in paragraph 7 (b) above, Savings Certificates for issue to subscribers may be purchased from the local Post Office each week, or alternatively a credit stock of undated Certificates may be obtained from the same source. The latter method will probably be more convenient. At establishments where a credit stock of certificates is held, as soon as possible after the week's deductions from wages have been made, the cashier should date as many of the Certificates as possible up to the value of the deductions made, including any small balance brought forward from the previous week and remit to the Post Office the value of the Certificates so dated. Two subsidiary accounts should be maintained in respect of these transactions, viz. (a) Postmaster General Account and (b) Certificate Credit Stock Account. As Certificates are received on credit, the Certificate Credit Stock Account will be debited and the Postmaster General Account credited. Cash payments for Certificates purchased from the Credit Stock will reduce the balance of the Postmaster General Account and the Certificate Credit Stock Account will be correspondingly adjusted by a transfer to the Certificate Account (*vide* paragraph 8 (b) above) of the value of the Certificates appropriated from the Credit Stock and accordingly dated.

18. The Civil Service Voluntary Savings Scheme will remain in operation for weekly and monthly paid non-industrial staffs.

19. It is not practicable to arrange for the purchase of Defence Bonds through the Local Deduction Scheme and workpeople who wish to purchase Defence Bonds should be allowed to do so through the Civil Service Voluntary Savings Scheme.

(A.F.Os. 2573/43, 2687/43 and 5816/43 are cancelled.)

4682.—Women Industrial Employees in Establishments at Home—Increase in Basic Rates and Revised Bonus

(L. 8877/44.—31 Aug. 1944.)

The rate of women's engineering bonus (at present 22s., + "time-workers bonus" of 1s 6d. to 3s. according to age), payable to women on women's work, aged 18 years and upwards, who are engaged on plain time work, should, as from the beginning of first pay period following 1st August, 1944, be 14s., + 5s. "time-workers' bonus", = 19s. The bonus for women aged 18 years and over, in receipt of any special "compensatory", incentive, etc. bonus, e.g., Women Examiners in the Naval Ordnance Inspection Department in receipt of examination bonus will be 14s. per week. (For women on piecework and systems of payment by results, *see* paragraph 8.)

2. As from the beginning of first pay period following 1st August, 1944, the basic rate of all women of 18 years and over who are in receipt of women's engineering bonus, should be increased by an addition of 12s.

3. For example, a Colourmaker in the dockyards on *time work*, formerly paid 26s. basic + 22s. + 3s. bonus, will now be paid 38s. basic + 14s. + 5s. bonus.

4. Juveniles of 14–17 years at all Admiralty establishments, and women of 18 years and over at establishments other than the dockyards and certain pre-war establishments, should be paid at the following revised rates:—

	Basic Rates	Revised Bonus	Timeworkers Bonus		Total
			s. d.	s. d.	
14	14 0	4 6	1 6		20 0
15	15 8	5 6	2 6		23 8
16	20 4	7 0	3 0		30 4
17	22 8	10 0	3 0		35 8
18	31 0	14 0	5 0		50 0
19	33 0	14 0	5 0		52 0
20	35 0	14 0	5 0		54 0
21	37 0	14 0	5 0		56 0

5. The rates for Stages I and II for women training for men's work should be amended by the substitution of 38s. basic for 25s. basic and by the substitution of the bonus of 14s. + 5s. for the bonus of 22s. + 3s., in paragraphs 3a (i and ii), of A.F.O. 1448/44.

6. The revised arrangements do not apply to :—

- (i) Women who, in accordance with A.F.O. 1448/44, are paid a percentage of men's rates (except as in paragraph 5 above).
- (ii) Women Process Workers at R.N. Propellant Factory, Caerwent, and R.N. Cordite Factory, Holton Heath.
- (iii) Domestics in R.N. Hospitals and auxiliary hospitals.
- (iv) Any women whose current rate is not expressed as women's engineering basic rate + bonus. (Instructions regarding revised rates for female Canteen Workers will be promulgated at an early date.)

7. The consolidated hourly rates of pay of part-time cleaners at H.M. Dockyards, and at R.N. Torpedo Factory, Greenock, should be increased as from the beginning of first pay period following 1st August, 1944 by $1\frac{1}{2}d.$ (one penny and one half-penny). (No change should be made in the rates of pay of part-time cleaners who are paid at "local" hourly rates.)

8. Further instructions will be issued regarding women engaged on piecework, or on systems of payment by results etc., and no change should be made in their remuneration pending issue of instructions.

(A.F.Os. 1448/44 and 1452/44.)