1953 No. 998

The Merchant Shipping Medical Scales Order, 1953

Made - - - - 19*th June*, 1953

Coming into Operation 1*st October*, 1953

The Minister of Transport, in exercise of his powers under section 200 of the Merchant Shipping Act, 1894(**a**), and of all other powers him enabling in that behalf hereby orders as follows:—

1.—(1) This Order shall come into operation on the first day of October, 1953, and may be cited as the Merchant Shipping Medical Scales Order, 1953.

(2) The scales of medicines and medical stores issued by this Order supersede all such scales previously issued (other than those issued in respect of fishing boats) which said Scales shall accordingly cease to have effect.

(3) This Order applies to all sea-going British ships navigating between the United Kingdom or the Republic of Ireland and any place out of the same except—

(i) pleasure yachts, fishing boats and ships belonging to a general lighthouse authority;

(ii) ships navigating between the United Kingdom and the Republic of Ireland;

(iii) ships navigating between the United Kingdom or the Republic of Ireland and the Isle of Man or the Channel Islands;

(iv) ships registered in Canada, the Commonwealth of Australia, New Zealand, the Union of South Africa, India, Pakistan, Ceylon, the Republic of Ireland or any territory administered by the Government of any of those countries; and

(v) ships registered in any other country or territory outside the United Kingdom when within the jurisdiction of the Government of that country or territory.

(4) The Interpretation Act, 1889(**b**), shall apply to the interpretation of this Order as it applies to the interpretation of an Act of Parliament.

2. The scales of medicines and medical stores suitable for ships to which this Order applies shall be:—

(i) in the case of ships which are required by law to carry a qualified medical practitioner the scale set out in the Schedule to this Order under the heading "Scale I";

(ii) in the case of ships proceeding from or to any place in the United Kingdom or the Republic of Ireland to or from any place in Iceland or the Faroe Islands or to or from any place in Western Europe between Narvik and Corunna inclusive (including any place in the Baltic Sea, the Gulf of Finland and the Gulf of Bothnia), being ships which are not required by law to carry a qualified medical practitioner, the scale set out in the Schedule to this Order under the heading "Scale III";

(a) 57 & 58 Vict. c. 60. (b) 52 & 53 Vict. c. 63.

(iii) in any other case, the scale set out in the Schedule to this Order under the heading " Scale II ".

3.—(1) Where, on the coming into operation of this Order, a ship to which this Order applies is on a voyage between the United Kingdom or the Republic of Ireland and any place out of the same the scales set out in the Schedule to this Order shall not apply in relation to that ship until the first arrival of the ship at her final port of destination in the United Kingdom or the Republic of Ireland if there is on board the ship a supply of medicines and medical stores according to the scale which but for this Order would have been appropriate to the ship.

(2) Where, immediately before the coming into operation of this Order, there is carried in any ship to which this Order applies as part of her medical stores, any instrument or appliance complying with the scale which but for this Order would have been appropriate to the ship, then such instrument or appliance may be retained as part of the medical stores of that ship so long as it remains in good serviceable condition in place of the corresponding instrument or appliance specified in the appropriate scale set out in the Schedule to this Order.

Given under the Official Seal of the Minister of Transport this nineteenth day of June, 1953.

(L.S.)

P. Faulkner,
An Under Secretary of the Ministry of Transport.

SCHEDULE

SCALES OF MEDICINES AND MEDICAL STORES

Scale I

FOR ALL SHIPS REQUIRED BY LAW TO CARRY A QUALIFIED MEDICAL PRACTITIONER

1. *Quantities*

(1) The quantities of medicines, sundries and dressings set out in this Scale shall be carried on all voyages of 50 days duration or less.

(2) In the case of voyages of more than 50 days duration the quantities shall be increased by not less than 10 per cent. for every additional period of 10 days, save where indicated by the symbol " * ".

(3) The quantities of medicines, sundries and dressings shown in this Scale for ships carrying passengers and crew not exceeding 1,000 shall be increased by not less than 25 per cent. for every additional 500 passengers and crew over and above 1,000 except where indicated by the symbol " * ".

(4) The quantities of instruments and appliances set out in this Scale shall be carried on all voyages, irrespective of the number of persons carried, except where otherwise indicated in this Scale.

2. *General Requirements*

The medicines and medical stores comprised in this Scale shall comply with the following requirements:—

(1) They shall conform to the standards and requirements of the current issue of the British Pharmacopoeia, the British Pharmaceutical Codex or the National Formulary, where those standards and requirements are applicable, and shall also comply with any special requirements indicated in this Scale.

SCALE I—*continued*

(2) Containers or wrappings of medicines shall be plainly and durably labelled to show:—

(*a*) the official abbreviation of the Latin title of the contents as set out in the British Pharmacopoeia, or where the use of such abbreviation would give rise to ambiguity, the Latin title in full;

(*b*) the minimum and maximum dose of the contents for an adult as set out in the British Pharmacopoeia, the British Pharmaceutical Codex or the National Formulary;

(*c*) the name and address of the supplier, which shall be indicated on a separate label, which shall occupy not more than 25 per cent. of the total label space.

(3) Labels shall be rendered resistant to moisture either by the use of an efficient label varnish, which shall cover the label and overlap the edges, or by some alternative method the effect of which is not inferior to varnishing.

(4) Containers or wrappings of medicines indicated thus " *p* " shall be marked with a label having the word " POISON " printed thereon in capital letters and either in red lettering or on a red background.

(5) Articles marked " † " shall be carried in green or amber-coloured fluted bottles and labelled " For external use only ".

MEDICINES

ARTICLE All drugs and materials must conform to the instructions on page 1115	Quantities for ships carrying passengers and crew not exceeding—			
	250	500	750	1,000
*Acid. Boric. Cryst.	8 oz.	8 oz.	8 oz.	8 oz.
Acid. Hydrochlor. Dil.	1 fl. oz.	2 fl. oz.	3 fl. oz.	4 fl. oz.
*Acid. Salicyl.	½ oz.	½ oz.	½ oz.	½ oz.
*Acid. Sulph. Dil.	2 fl. oz.	2 fl. oz.	2 fl. oz.	2 fl. oz.
*Aether. Anaesth. (in 2 oz. amber coloured ampoules)	10 ampoules	20 ampoules	30 ampoules	40 ampoules
Aether. Solv. (not for Anaesthesia)	4 fl. oz.	8 fl. oz.	12 fl. oz.	16 fl. oz.
*Aethyl. Chlor. 50 gramme tubes (for local spray anaesthesia)	2 tubes	2 tubes	2 tubes	2 tubes
Ammon. Bicarb.	1 oz.	2 oz.	3 oz.	4 oz.
Amylum	2 oz.	4 oz.	6 oz.	8 oz.
(*a*)*Antitox. Diphtheric. to be supplied in concentrated form containing not less than 4,000 units per ml.	20,000 units	40,000 units	60,000 units	80,000 units
*Applicat. Benzyl. Benz.	1 pint	2 pints	3 pints	4 pints
Aq. pro Inj. in 2 ml. ampoules	12 ampoules	24 ampoules	36 ampoules	48 ampoules
*Argent. Nit. Indur. (mounted)	2 pencils	2 pencils	2 pencils	2 pencils
*Argentoprot. (in amber coloured bottles)...	1 drachm	1 drachm	1 drachm	1 drachm
*Borax	4 oz.	4 oz.	4 oz.	4 oz.
Calamin.	2 oz.	4 oz.	6 oz.	8 oz.
*Calc. Hydrox. (for preparing lime water)...	2 oz.	2 oz.	2 oz.	2 oz.
*Caps. Chloramphen. 0·25 Gramme ...	120 capsules	240 capsules	360 capsules	480 capsules
Cataplasm. Kaolin. (in ½ lb. sealed tins) ...	3 tins	6 tins	9 tins	12 tins
*Chlorof. (in amber coloured 2 oz. ampoules)	3 ampoules	6 ampoules	9 ampoules	12 ampoules
*Collod. Flex. (meth.)	4 fl. oz.	4 fl. oz.	4 fl. oz.	4 fl. oz.
Conspers. Zinc. Oxid. et Amyli Co. ...	4 oz.	8 oz.	12 oz.	1 lb.

(*a*) To be kept constantly at a temperature not less than 34°F. or higher than 50°F. The date after which the anti-toxin is not to be used shall be stated on the label.

SCALE I—MEDICINES—*continued*

ARTICLE All drugs and materials must conform to the instructions on page 1115	Quantities for ships carrying passengers and crew not exceeding —			
	250	500	750	1,000
*Dextros. Hyd.	1 lb.	1 lb.	1 lb.	1 lb.
Emuls. Menth. Pip.	1 fl. oz.	2 fl. oz.	3 fl. oz.	4 fl. oz.
Ext. Glycyrrh. Liq.	2 fl. oz.	4 fl. oz.	6 fl. oz.	8 fl. oz.
Ferr. et Ammon. Cit.	2 oz.	4 oz.	6 oz.	8 oz.
Glycer.	8 oz.	1 lb.	1½ lb.	2 lb.
Glycer. Acid. Tann.	1 oz.	2 oz.	3 oz.	4 oz.
*(*a*)*p*Gutt. Cocain. et Hydrarg. Perchlor. Oleos.	1 fl. oz.	1 fl. oz.	1 fl. oz.	1 fl. oz.
*Inj. Adrenal. in 0·5 ml. ampoules	3 amps.	6 amps.	9 amps.	12 amps.
*Inj. Apomorph. Hydrochlor. $\frac{1}{30}$ gr. in 15 min. ampoules	6 amps.	12 amps.	18 amps.	24 amps.
Inj. Atrop. Sulph. $\frac{1}{100}$ gr. in 1 ml.	6 amps.	12 amps.	18 amps.	24 amps.
*Inj. Bism. (in 1 ml. ampoules)	6 amps.	6 amps.	6 amps.	6 amps.
**p* Inj. Diamorph. Hydrochlor. $\frac{1}{12}$ gr. in 1 ml.	6 amps.	6 amps.	6 amps.	6 amps.
Inj. Emet. Hydrochlor. 1 gr. in 1 ml. ...	12 amps.	24 amps.	36 amps.	48 amps.
Inj. Ergomet. Maleat. 0·5 mg. in 1 ml. ...	3 amps.	6 amps.	9 amps.	12 amps.
Inj. Hyoscin. Hydrobrom. $\frac{1}{100}$ gr. in 1 ml. ...	3 amps.	6 amps.	9 amps.	12 amps.
*(*b*)Inj. Insulin. (in 5 ml. vials of 40 units per ml.)	4 vials	4 vials	4 vials	4 vials
*(*c*)Inj. Mepacr. Methanosulph. (in ampoules containing 0·375 gramme.)	6 amps.	6 amps.	6 amps.	6 amps.
*Inj. Mersalyl. (in 1 ml. ampoules)	6 amps.	6 amps.	6 amps.	6 amps.
*p*Inj. Morph. Sulph. ¼ gr. in 1 ml.	18 amps.	24 amps.	36 amps.	48 amps.
Inj. Nikethamid. (in 2 ml. ampoules) ...	6 amps.	12 amps.	18 amps.	24 amps.
*(*d*)Inj. Pituit. Post. (in 1 ml. ampoules) ...	6 amps.	6 amps.	6 amps.	6 amps.
*Inj. Procain. containing 2 per cent. W/V of Procain. Hydrochlor. (in 2 ml. ampoules)	6 amps.	12 amps.	18 amps.	24 amps.
*Inj. Procain. et Adrenal. Fort. (in 2 ml. ampoules)	6 amps.	12 amps.	18 amps.	24 amps.
Inj. Quinin. Dihydrochlor. (5 gr. in 5 ml. of solution, in ampoules)	3 amps.	6 amps.	9 amps.	12 amps.
Kaolin. Lev.	2 oz.	4 oz.	6 oz.	8 oz.
*†Lamell. Atrop. $\frac{1}{500}$ gr. (tubes of 20) ...	2 tubes	2 tubes	2 tubes	2 tubes
*†*p*Lamell. Cocain. $\frac{1}{30}$ gr. (tubes of 20) ...	2 tubes	2 tubes	2 tubes	2 tubes
*Lamell. Fluoresc. Sod. $\frac{1}{1000}$ gr. (tubes of 20)	1 tube	1 tube	1 tube	1 tube
*†Lamell. Physostig. $\frac{1}{1000}$ gr. (tubes of 20) ...	2 tubes	2 tubes	2 tubes	2 tubes
*Linct. Scill. Opiat.	1 pint	2 pints	3 pints	4 pints

(*a*) To be supplied in bottle with dropper attached and with the following instructions on label:—With the aid of the dropper put two drops into the eye every five minutes until the eye is insensitive. Usually three or four doses suffice. The eye should then be ready, and the foreign body can be removed with a previously sterilised eye spud. Afterwards an eye shade should be used for 24 hours.

(*b*) To be kept constantly at a temperature not less than 34°F. or higher than 50°F. Not to be used more than 2 years after the date of manufacture as stated on label.

(*c*) This drug shall be carried on ships proceeding on voyages to malarious ports. For the purpose of this Schedule the expression "malarious ports" has the following meaning:—
Ports between latitude 20°N. and 20°S. on the coasts of—
(i) Africa, but excluding the ports of Port Sudan and Massawa.
(ii) Asia, including those on the coasts of the Islands in the East Indian Archipelago and the Philippine Islands, but excluding the Ports of Aden, Bombay, Colombo, Trincomalee, Singapore, Penang and Port Swettenham.
(iii) New Guinea, New Britain, New Ireland, New Hebrides, and the Solomon Islands Ports on the coast of Madagascar.

(*d*) To be kept in cold store and to be renewed within 18 months of date of manufacture on the label.

SCALE I—MEDICINES—*continued*

ARTICLE All drugs and materials must conform to the instructions on page 1115	Quantities for ships carrying passengers and crew not exceeding —			
	250	500	750	1,000
†Lin. Methyl. Salicyl.	4 fl. oz.	8 fl. oz.	12 fl. oz.	16 fl. oz.
†Lin. Terebinth.	½ pint	1 pint	1½ pints	2 pints
*(*a*)Liq. Adrenal. Hydrochlor. (in amber-coloured bottle)	1 fl. oz.	1 fl. oz.	1 fl. oz.	1 fl. oz.
Liq. Ammon. Acet. Fort.	2 fl. oz.	4 fl. oz.	6 fl. oz.	8 fl. oz.
Liq. Ferr. Perchlor.	1 fl. oz.	2 fl. oz.	3 fl. oz.	4 fl. oz.
(*b*)Liq. Hydrog. Perox. (10 volumes) (to be supplied in 4 oz. amber-coloured bottles)	1 bot.	2 bot.	3 bot.	4 bot.
Liq. Iod. Mit.	4 fl. oz.	8 fl. oz.	12 fl. oz.	16 fl. oz.
*p*Liq. Morph. Hydrochlor.	1 fl. oz.	2 fl. oz.	3 fl. oz.	4 fl. oz.
Liq. Pic. Carbon.	1 fl. oz.	2 fl. oz.	3 fl. oz.	4 fl. oz.
†Liq. Plumb. Subacet. Fort.	1 fl. oz.	2 fl. oz.	3 fl. oz.	4 fl. oz.
Liq. Strych. Hydrochlor.	1 fl. oz.	2 fl. oz.	3 fl. oz.	4 fl. oz.
Lot. Calamin.	1 pint	2 pints	3 pints	4 pints
Mag. Carb. Lev.	1 oz.	2 oz.	3 oz.	4 oz.
Mag. Carb. Pond.	4 oz.	8 oz.	12 oz.	1 lb.
Mag. Sulph. (in 1 oz. Packets)	4 lb.	8 lb.	12 lb.	16 lb.
Mag. Trisil.	8 oz.	1 lb.	1½ lb.	2 lb.
Mist. Senn. Co.	½ gall.	1 gall.	1½ gall.	2 gall.
Oculent. Hydrarg. Oxid. in 60 gr. collapsible tube.	3 tubes	6 tubes	9 tubes	12 tubes
Ol. Arach.	½ pint	1 pint	1½ pints	2 pints
Ol. Ricin.	1 pint	2 pints	3 pints	4 pints
*Ol. Terebinth.	3 fl. oz.	3 fl. oz.	3 fl. oz.	3 fl. oz.
Paraff. Liq.	½ pint	1 pint	1½ pints	2 pints
Paraff. Moll. Flav.	1 lb.	2 lb.	3 lb.	4 lb.
(*b*)Paraldehyd. (in amber coloured bottle)	2 fl. oz.	4 fl. oz.	6 fl. oz.	8 fl. oz.
Phenol. Liq.	1 fl. oz.	2 fl. oz.	3 fl. oz.	4 fl. oz.
Pil. Phenolphthal. Co.	½ gross	1 gross	1½ gross	2 gross
Pot. Bicarb.	4 oz.	8 oz.	12 oz.	1 lb.
Pot. Brom.	4 oz.	8 oz.	12 oz.	1 lb.
Pot. Cit.	4 oz.	8 oz.	12 oz.	1 lb.
Pot. Iod.	1 oz.	2 oz.	3 oz.	4 oz.
(*c*)Procaine Penicillin G Fortified in rubber-capped vials each containing sterile procaine penicillin G300,000 international units and a crystalline penicillin salt 100,000 international units, with suitable suspending and buffering agents.	12 vials	24 vials	36 vials	48 vials
Pulv. Mag. Trisil. Co.	4 oz.	8 oz.	12 oz.	1 lb.
Pul. Rhei. Co.	1 oz.	2 oz.	3 oz.	4 oz.
*Quinin. Bisulph.	1 oz.	2 oz.	3 oz.	4 oz.
*Res. Carbol.	1 oz.	1 oz.	1 oz.	1 oz.
Sod. Bicarb.	1½ lb.	3 lb.	4½ lb.	6 lb.
Sod. Cit.	4 oz.	8 oz.	12 oz.	1 lb.
Sod. Salicyl. (in flake)	4 oz.	8 oz.	12 oz.	1 lb.
(*d*)Solv. Pot. Permang. 8¾ gr.	50	100	150	200
Solv. Sod. Chlorid. 15 gr.	500	1,000	1,500	2,000
Solv. Thymol. Co.	25	50	75	100
Sp. Ammon. Aromat.	4 fl. oz.	8 fl. oz.	12 fl. oz.	16 fl. oz.
Sp. Chir. (B.P.C. No. 3)	½ pint	1 pint	1½ pints	2 pints

(*a*) To be kept constantly at a temperature not less than 34° F. or higher than 50° F.

(*b*) To be kept in a cool place.

(*c*) Label to state the volume of sterile solvent to be added to the vial for the preparation of a suspension for intramuscular injection.

(*d*) The label to bear the words " One solution-tablet dissolved in 1 pint of water forms a 1 in 1,000 solution of potassium permanganate ".

SCALE I—MEDICINES—*continued*

ARTICLE All drugs and materials must conform to the instructions on page 1115	Quantities for ships carrying passengers and crew not exceeding:—			
	250	500	750	1,000
Sp. Chlorof.	2 fl. oz.	4 fl. oz.	6 fl. oz.	8 fl. oz.
*Sp. Rectificatus	4 fl. oz.	4 fl. oz.	4 fl. oz.	4 fl. oz.
*Sulphacetamid. Sod.	1 oz.	1 oz.	1 oz.	1 oz.
*(*a*)Supp. Bism. Subgall. Co.	1 doz.	1 doz.	1 doz.	1 doz.
Syr. Chloral.	2 fl. oz.	4 fl. oz.	6 fl. oz.	8 fl. oz.
Syr. Tolu.	4 fl. oz.	8 fl. oz.	12 fl. oz.	16 fl. oz.
Tab. Acid. Acetylsalicyl. 5 gr.	100	200	300	400
*Tab. Butobarbiton. 1½ gr.	50	100	150	200
Tab. Casc. Sagr. 2 gr.	50	100	150	200
Tab. Codein. Co.	100	200	300	400
Tab. Colchicin. $\frac{1}{200}$ gr.	25	50	75	100
Tab. Colocynth. et Jalap. Co.	50	100	150	200
Tab. Digoxin. 0·25 mg.	25	50	75	100
Tab. Ephed. Hydrochlor. ½ gr.	25	50	75	100
Tab. Ergometrin. Maleat. 0·5 mg.	25	50	75	100
Tab. Ferr. Sulph. Exsic. 3 gr.	50	100	150	200
*Tab. Glyc. Trinit. $\frac{1}{100}$ gr.	25	25	25	25
*Tab. Hydrarg. c. Cret. 1 gr.	100	100	100	100
Tab. Hydrarg. Subchlor. 1 gr.	25	50	75	100
Tab. Hydrarg. Subchlor. ⅛ gr.	50	100	150	200
*Tab. Hyoscin. Hydrobrom. $\frac{1}{200}$ gr. ...	50	100	150	200
Tab. Ipecac. et Opii 5 gr.	50	100	150	200
*Tab. Mepacr. Hydrochlor. 0·1 gramme ...	100	100	100	100
Tab. Mepyramin. Maleat. 0·1 gramme or Tab. Promethazin. Hydrochlor. 0·025 gramme (Histamine Antagonists).	50	100	150	200
*pTab. Morph. Hydrochlor. ¼ gr. or Tab. Morph. Sulph. ¼ gr.	25	25	25	25
Tab. Phenacet. et Caffein.	50	100	150	200
Tab. Phenobarbiton. ½ gr.	100	200	300	400
Tab. Pot. Chlorat. 5 gr.	50	100	150	200
(*b*) Tab. Proguanil. Hydrochlor. 0·1 gramme	100	200	300	400
*Tab. Quinin. Dihydrochlor. 5 gr. (uncoated)	100	200	300	400
Tab. Sod. Bicarb. Co.	100	200	300	400
Tab. Stilboestr. 0·5 mg.	25	50	75	100
Tab. Sulphadiazin. 0·5 gramme (or its equivalent (*c*)).	250	500	750	1,000
Tab. Sulphadimidin. 0·5 gramme (or its equivalent (*c*)).	250	500	750	1,000
Tab. Sulphaguanidin. 0·5 gramme or its equivalent (*c*)).	250	500	750	1,000
Tab. Thyroid. ½ gr.	25	50	75	100
*Tinct. Bellad.	2 fl. oz.	2 fl. oz.	2 fl. oz.	2 fl. oz.
Tinct. Benzoin. Co.	2 fl. oz.	4 fl. oz.	6 fl. oz.	8 fl. oz.
Tinct. Cardam. Co.	2 fl. oz.	4 fl. oz.	6 fl. oz.	8 fl. oz.
Tinct. Chlorof. et Morph.	2 fl. oz.	4 fl. oz.	6 fl. oz.	8 fl. oz.
Tinct. Digit.	1 fl. oz.	2 fl. oz.	3 fl. oz.	4 fl. oz.
Tinct. Gent. Co.	4 fl. oz.	8 fl. oz.	12 fl. oz.	16 fl. oz.
Tinct. Hyoscy.	2 fl. oz.	4 fl. oz.	6 fl. oz.	8 fl. oz.
Tinct. Ipecac.	4 fl. oz.	8 fl. oz.	12 fl. oz.	16 fl. oz.
Tinct. Nuc. Vom.	2 fl. oz.	4 fl. oz.	6 fl. oz.	8 fl. oz.
pTinct. Opii	2 fl. oz.	4 fl. oz.	6 fl. oz.	8 fl. oz.
Tinct. Opii Camph.	4 fl. oz.	8 fl. oz.	12 fl. oz.	16 fl. oz.
Tinct. Scill.	2 fl. oz.	4 fl. oz.	6 fl. oz.	8 fl. oz.

(*a*) To be kept in a cool place.

(*b*) Ships proceeding on voyages to malarious ports (for definitions see footnote (*c*) on page 1117) shall carry 25 tablets per member of the crew in addition to the quantities shown above.

(*c*) Alternative drug with similar therapeutic effects.

SCALE I—MEDICINES—*continued*

ARTICLE All drugs and materials must conform to the instructions on page 1115	Quantities for ships carrying passengers and crew not exceeding:—			
	250	500	750	1,000
*Tinct. Valerian. Ammon.	2 fl. oz.	2 fl. oz.	2 fl. oz.	2 fl. oz.
Tinct. Zingib. Mit.	1 fl. oz.	2 fl. oz.	3 fl. oz.	4 fl. oz.
Ung. Acid. Benz. Co.	4 oz.	8 oz.	12 oz.	1 lb.
Ung. Acid. Boric.	2 oz.	4 oz.	6 oz.	8 oz.
*Ung. Benzocain. Co.	2 oz.	4 oz.	6 oz.	8 oz.
Ung. Hydrarg. Ammon.	2 oz.	4 oz.	6 oz.	8 oz.
Ung. Methyl. Salicyl.	4 oz.	8 oz.	12 oz.	1 lb.
Ung. Zinc. Oxid.	4 oz.	8 oz.	12 oz.	1 lb.
*(*a*) † Vaccin. Typho-paratyphos. in 10 c.c. vial.	1 vial	1 vial	1 vial	1 vial
(*b*) † Vaccin. Vacciniae $\frac{4}{5}$ths in 5 dose tubes $\frac{1}{5}$th in 1 dose tubes.	An amount equivalent to one dose for every two persons on board.			
*Vitrell. Amyl. Nitris. 5 min.	1 doz.	1 doz.	1 doz.	1 doz.
Zinc. Oxid.	1 oz.	2 oz.	3 oz.	4 oz.
*Zinc. Sulph.	2 oz.	2 oz.	2 oz.	2 oz.

(*a*) To be kept constantly at a temperature not less than 34°F. or higher than 50°F. and to be renewed within 18 months of the date of issue on the label.

(*b*) To be kept in a cold chamber between 12° and 20°F. If no cold chamber at that temperature is available it should be kept in a domestic refrigerator in or on the freezing compartment so that it is maintained constantly at a temperature of not more than 32°F. It must be replaced within 12 months of the date of issue on the label.

MEDICAL STORES

SUNDRIES

ARTICLE All drugs and materials must conform to the instructions on page 2	SPECIAL INFORMATION	Quantities for ships carrying passengers and crew not exceeding:—			
		250	500	750	1,000
Antiseptic	To conform to the specification for Antiseptics given in Appendix A of this Schedule.	1 pint	2 pints	3 pints	4 pints
Anti-V.D. Outfit	To conform to the specification given in Appendix B of this Schedule.	For the first 50 members of the crew, one outfit per member and one outfit for every two members of the crew exceeding 50, maximum quantity 1 gross.			
*Basin	To be of good quality enamelled iron. Minimum size 8″ diameter by 4″ depth.	1	2	3	4
*Bedpan	To be of good quality enamelled iron. Perfection type, large size.	2	4	6	8
*Books—					
The Ship Captain's Medical Guide, latest edition, with amendments.	—	1	1	1	1
Merchant Shipping —Medical Scales latest edition, with amendments.	—	1	1	1	1

SCALE I—MEDICAL STORES—*continued*

SUNDRIES—*continued*

ARTICLE All drugs and materials must conform to the instructions on page 1115	SPECIAL INFORMATION	Quantities for ships carrying passengers and crew not exceeding:—			
		250	500	750	1,000
*Books—*cont.*					
British Pharmaceutical Codex, latest edition.	—	1	1	1	1
Bottles—					
2 oz.	Graduated teaspoons ...	1½ doz.	3 doz.	4½ doz.	6 doz.
6 oz.	Graduated tablespoons...	3 doz.	6 doz.	9 doz.	12 doz.
2 oz.	Fluted poison	½ doz.	1 doz.	1½ doz.	2 doz.
6 oz.	Fluted poison	1 doz.	2 doz.	3 doz.	4 doz.
Boxes—					
Ointment	Nested	1 doz. nests	2 doz. nests	3 doz. nests	4 doz. nests
Pill	Nested	1 doz. nests	2 doz. nests	3 doz. nests	4 doz. nests
Corks	To fit 2 oz. bottles ...	3 doz.	6 doz.	9 doz.	12 doz.
Corks	To fit 6 oz. bottles ...	6 doz.	12 doz.	18 doz.	24 doz.
Cups	Porcelain for invalid feeding.	3	3	3	3
*Disinfectant ...	To conform to the specification for Disinfectants given in Appendix A of this Schedule.	1½ gall.	3 gall.	4½ gall.	6 gall.
*Douche Reservoir...	To be of rustless and stainless metal or of glass in metal frame, 2 pints, with 6′ of best rubber tubing and Stopcock.	2	2	2	2
*Eye Baths	To be of glass, porcelain or plastic which is unaffected by immersion in boiling water for at least 5 minutes.	3	3	3	
*Eye Droppers ...	—	3	3	3	3
*Eye Shades ...	To be of cardboard ...	3	6	9	12
*Finger Cots, Rubber	Assorted sizes	6	12	18	24
*First Aid Satchel ...	The following to be supplied complete in a strong canvas bag with a strap for carrying:— 8 triangular bandages. 4 standard dressings No. 13. 2 standard dressings No. 14. 1 standard dressing No. 15. ½ lb. roll of cotton wool. 6 brass plated safety pins, 2″, on a card.	1	1	1	1
*Funnels	Enamel, glass or plastic (2″ and 5″).	2	2	2	2
*Gloves, Rubber—					
Post-mortem ...	—	1 pair	1 pair	1 pair	1 pair
Surgical	Size 7½	2 pairs	2 pairs	2 pairs	2 pairs
Surgical	Size 8	2 pairs	2 pairs	2 pairs	2 pairs
*Hot Water Bottles...	8″ × 12″ rubber, with covers.	2	4	6	8

SCALE I—MEDICAL STORES—*continued*

SUNDRIES—*continued*

ARTICLE All drugs and materials must conform to the instructions on page 1115	SPECIAL INFORMATION	Quantities for ships carrying passengers and crew not exceeding:—			
		250	500	750	1,000
*Ice Bag	—	1	1	1	1
*Indiarubber sheeting	1 yd. wide to be rolled on a wooden core, surface to be smooth and non-adhesive.	2 yds.	4 yds.	6 yds.	8 yds.
Infants prepared milk food.	In 1 lb. tins	1 lb.	2 lb.	3 lb.	4 lb.
Insecticide—					
*Liquid	To conform to the specifications given in Appendix C of this Schedule.	An amount equal to 12 galls.	24 galls.	36 galls.	48 galls.
		of the diluted product.			
*Spray		2	2	2	2
Powder		4 oz.	8 oz.	12 oz.	1 lb.
Invalid prepared milk food.	In 1 lb. tins	1 lb.	2 lb.	3 lb.	4 lb.
Labels—					
Plain	In packets of 100 ...	1	2	3	4
*Poison	In packets of 50... ...	1	1	1	1
*Measures—					
2 dr.	Glass, graduated, Government stamped.	2	2	2	2
1 oz.	Glass, graduated, Government stamped.	2	2	2	2
4 oz.	Glass, graduated, Government stamped.	1	1	1	1
20 oz.	Glass, graduated ...	1	1	1	1
Methylated Spirit (Mineralised).	—	1 pint	2 pints	3 pints	4 pints
*Mortar and Pestle...	(Wedgwood) (No. 2 size)	1	1	1	1
Mosquito Repellent	Dimethyl Phthalate in 2 oz. bottles. Bottle to bear a label with the following Caution:— Dimethyl Phthalate is a solvent for lacquer, paint and plastic articles. It should not be brought into contact with spectacle frames, watch glasses, fountain pens, etc. To be carried on vessels proceeding to malarious ports (for definition see footnote (*c*) on page 1117). For issue to each member of the crew as a protective measure against mosquitoes, when the vessel is in a malarious area. It is estimated that a 2 oz. bottle should last about two weeks. When it is known that the vessel is going to remain in a malarious area for a considerable period the reserve carried should be increased accordingly.	One bottle per member of the crew plus a minimum reserve of 10 per cent.			

SCALE I—MEDICAL STORES—*continued*

SUNDRIES—*continued*

ARTICLE All drugs and materials must conform to the instructions on page 1115	SPECIAL INFORMATION	Quantities for ships carrying passengers and crew not exceeding:—			
		250	500	750	1,000
*Oxygen	—	44 cu. ft.	44 cu. ft.	88 cu. ft.	132 cu. ft.
*Oxygen Therapy Outfit.	To conform to the specification given in Appendix D of this Schedule.	1 outfit	1 outfit	1 outfit	1 outfit
*Palette Knife 4" blade.	The blade to be of rustless and stainless steel, with wooden handle.	1	1	1	1
*Palette Knife 9" blade.		1	1	1	1
Paper—					
*Dispensary ...	White demy	1 qr.	1 qr.	1 qr.	1 qr.
*Filter	In sizes to fit funnels ...	25	50	75	100
*Paraformaldehyde	In tablets or powder for fumigation, with two suitable lamps.	1 lb.	1 lb.	1 lb.	1 lb.
*Safety Pins... ...	Brass, plated 2" ...	5 doz.	5 doz.	5 doz.	5 doz.
*Scale	Standard pillar dispensing and weights.	1	1	1	1
*Sputum Mug ...	To be of metal or enamelled iron with hinged lid.	3	3	3	3
(*a*) Stabilised Chloride of Lime.	For sterilisation of drinking water (in ¼ lb. sealed tins). To conform to specification given in Appendix E of this Schedule.	(*a*)	(*a*)	(*a*)	(*a*)
*Stretcher—					
Neil Robertson ...		1	1	1	1
Tubular Steel Pattern.	To conform to the specification given in Appendix G of this Schedule.	1	1	1	1
*Temperature Charts	Morning and Evening and Four-hourly combined Charts for pulse respirations and temperature.	2 doz. of each	2 doz. of each	2 doz. of each	2 doz. of each
*Urinary Testing Apparatus.	Rack for 6 test-tubes, urinometer, spirit lamp, litmus paper, 2 pipettes, 12 test tubes; one 2 oz. bottle containing nitric acid and one 2 oz. bottle containing acetic acid; one 4 oz. bottle containing Benedict's Solution (Qualitative).	1 set	1 set	1 set	1 set
*Urine Bottle ...	Enamelled iron with handle for male use.	1	2	3	4
*Vaccine Expellers	—	3	3	3	3

(*a*) The number of tins to be carried shall be calculated on the amount of stabilised chloride of lime required to produce a concentration of one part of chlorine per million parts of water in the largest fresh water tank in the ship (a quarter-pound tin will be required for approximately 28 tons of water). Stabilised Chloride of Lime need not be carried if vessel is equipped with an efficient chlorinating plant.

SCALE I—MEDICAL STORES—*continued*

INSTRUMENTS AND APPLIANCES

Irrespective of number of persons carried and length of voyage except where indicated

Article	Quantity	
Main instrument case, metal lined, with trays, or white enamelled, with glass shelves containing the following:		1
Catheters, prostatic, silver plated, sizes 6, 8 and 12, one of each.	3	
(*a*)Director, hernia	1	
Elevator, skull	1	
(*a*)Forceps—		
Artery, Spencer Wells' 7″	12 pairs	
Aural, Cumberbatch's	1 pair	
Bone, angled on flat, 7″	1 pair	
Dissecting, 7″	2 pairs	
Laryngeal, Mackenzie's opening antero-posteriorly	1 pair	
Tongue, Mayo's pattern, 7″	1 pair	
Gouge, Robert Jones', Arthrodesis, ¼″	1	
(*a*)Knives—		
Blades, No. 23, B.P. type	2 doz.	
Handles, B.P. type suitable for No. 23 blades	2	
Hernia	1	
Tenotomy, sharp-pointed, Guy's pattern	1	
Mallet with lead core	1	
(*a*)Mouth gag, Mason's	1	
Needle, aneurism	1	
(*a*)Needle holder, 8″	1	
Retractor, wound, double-ended, Navy pattern 1¼″ wide.	2	
Saw—		
Amputation, 8″ blade	1	
(*a*)Fergussons, small	1	
(*a*)Scissors—		
Blunt-pointed, 7″	1 pair	
One blade sharp-pointed, and the other blunt-pointed, 7″.	1 pair	
Trephine, carbon steel, ¾″	1	
(*a*)Trocars and Cannulae, sizes 8, 16 and 21 French Catheter gauge.	3	
Minor instrument case of washable canvas containing the following:—		1
(*a*)Director, probe pointed, 6″	1	
(*a*)Eye Spud (with covered point)	1	
(*a*)Forceps—		
Artery, Spencer Wells' 6″	2 pairs	
Dissecting, 6″	1 pair	
Dressing, 6″	1 pair	
Sinus, 6″	1 pair	
Splinter, 4″	1 pair	
Probe, with eye (silver)	1	
(*a*)Scalpel, 6″	1	
(*a*)Scissors—		
Blunt pointed, 6″	1 pair	
One blade sharp-pointed and the other blunt pointed, 6″	1 pair	

(*a*) To be of rustless and stainless steel.

SCALE I—MEDICAL STORES—*continued*

INSTRUMENTS AND APPLIANCES—*continued*

Irrespective of number of persons carried and length of voyage except where indicated

Article	Quantity	
(*a*)Midwifery instrument case of washable canvas containing the following:—		1
Curette	1	
Curette, flushing	1	
Dilators (Hegar)	1 set	
Forceps—		
Obstetric (axis traction)	1 pair	
Uterine (Herman's No. 10)	1 pair	
Speculum, double duck-bill (Sim's)	1	
Uterine Sound (Sim's)	1	
Volsellum	1	
Dental instrument case of washable canvas containing the following:—		1
(*a*) Dental syringe, all metal, together with six needles.	1	
(*a*) Elevator, hospital pattern in metal handle—		
Left, stamped " Left elevator "	1	
Right, stamped " Right elevator "	1	
(*a*) Forceps—		
Dental packing	1 pair	
Incisor,		
Lower, stamped, " Lower incisor "	1 pair	
Upper, stamped, " Upper incisor "	1 pair	
Molar—		
Lower, stamped " Lower molar "	1 pair	
Upper left, stamped " Upper left molar "	1 pair	
Upper right, stamped " Upper right molar "	1 pair	
Stump—		
Lower, stamped " Lower stump "	1 pair	
Upper, stamped " Upper stump "	1 pair	
(*a*) Probe, Moons, single ended	1	
Airway and mouth, London Hospital pattern, set of three		1 set
Applicators, wooden		100
Bougies, gum elastic, sizes 2, 4, 6 and 8. English gauge in glass or metal container with a sprinkling of French chalk.		1 container
Catgut—		
Straight intestinal needles, sizes 4 and 8, threaded with 00 catgut (28″) in sealed glass tubes, 2 of each.		4
20 day in sealed glass tubes (28″) Nos. 0, 1 and 3, 6 of each.		18
Catheters—		
With olivary ends, gum elastic and stilettes—1 full set together with 2 Bi-Coudes gum elastic, sizes 8 and 10, English gauge in glass or plastic cylinder or metal box with hinged lid with a sprinkling of French chalk.		1 container
Jacques rubber sizes 4, 6, 8, 10 and 12 in glass or plastic cylinder or metal box with hinged lid, with a sprinkling of French chalk.		1 container

(*a*) To be of rustless and stainless steel.

SCALE I—MEDICAL STORES—*continued*

INSTRUMENTS AND APPLIANCES—*continued*

Irrespective of number of persons carried and length of voyage except where indicated

Article	Quantity
Diagnostic Set containing May ophthalmoscope, auriscope with three interchangeable specula, Duplay nasal speculum, bent arm throat lamp, one laryngeal mirror, one post-nasal mirror, holder for wooden tongue spatula, large battery handle and spare lamp.	1 set
Drainage—	
Tubing, rubber, in 1 ft. lengths of each Nos. 5, 10 and 20 gauge.	3 lengths
Corrugated rubber sheeting 12″ × 6″	1 sheet
Drop bottle, chloroform 2 oz. graduated	1
Dropper, ether, Bellamy Gardner's	1
(*a*) Eye Spud with covered point	1
Inhaler, Schimmelbusch	1
Microscope slides	6
Needles—	
Anti-toxin, assorted sizes Record Mount	6
(*b*) Hypodermic No. 15, diameter 0·6 mm. length 23 mm. Record Mount.	1 doz.
(*b*) Hypodermic No. 0, diameter 0·9 mm. length 41 mm. Record Mount.	1 doz.
(*b*) Drawing up, 2½″ diameter 1·83 mm. length 64 mm. Record Mount.	3
Lumbar puncture 3½″ Howard Jones, 20 B.W.G....	2
Probang, oesophageal, bristle, gum elastic, with sponge end.	1
Shears, Plaster, Swedish pattern, modified Lorenz's ...	1
Silk 4 sizes on metal reel	1 reel
Silkworm gut (assorted sizes), box containing 50 ...	1 box
Splints—	
Assorted, thigh, leg and arm sizes	1 set
Felt—for under 500 passengers and crew	4 sq. ft.
500 passengers and crew and over	6 sq. ft.
Gooch Splinting (36″ wide)	1 yd.
Thomas's, small, medium and large	3
Steriliser, steam or electrically heated with automatic cut out (large enough to contain midwifery forceps).	1
Stethoscope, binaural, complete	1
Stomach tube 42″ (gauge 18–20) in red rubber with unbreakable funnel to fit, and wooden gag.	1
Suspensory bandages with under straps—	
Small	2
Medium	2
Large	2
Suture needles, round bodies, cutting-edge, straight, half-curved and curved, assorted sizes.	3 doz
Syringe, ear, metal, 4 oz.	1
Syringe, glycerine injection, with vulcanite nozzle, ½ oz.	1
Syringe, Higginson's with enema nozzle and one No. 8 Jacques rubber catheter.	2

(*a*) To be of rustless and stainless steel.
(*b*) Quantities to be doubled if more than 1,000 persons carried.

SCALE I—MEDICAL STORES—*continued*

INSTRUMENTS AND APPLIANCES—*continued*

Irrespective of number of persons carried and length of voyage except where indicated

Article		Quantity
Syringe, hypodermic 2 ml.	Glass barrel, fitted with hexagonal metal nozzle (for Record Mount) and an all glass plunger, in metal case. The syringe must pass the Thermal Shock Test and Corrosion Tests laid down in British Standard 1263 of 1946.	3
Syringe, anti-toxin 10 ml.		1
Table, operation, metal with lithotomy crutches. Table legs to be provided with suitable fitting for attachment to deck.		1
Thermometer, clinical, in metal or plastic protective case, lens fronted, ½ min. and stamped N.P.L.		3
Tongue, depressors, wooden		100
Tourniquet, Esmarch's or Samway's		1
Tracheotomy Set consisting of:—		1 set
Tracheotomy double tubes, assorted (including infants' size).	3	
Trachea dilator	1	
Sharp hook	1	
Tray, enamelled iron:—		
10″ × 7″		1
12″ × 9″		1
Kidney shaped, 10″		2
Truss, elastic band type—		
Single, 38″ with rat-tailed pad right...		2
Single 38″ with rat-tailed pad left		2
Double 38″ with rat-tail pads		2

DRESSINGS

ARTICLES All drugs and materials must conform to the instructions on page 1115	DETAILS REGARDING PACKAGING AND LABELLING	Quantities for ships carrying passengers and crew not exceeding:—			
		250	500	750	1,000
Bandages					
*Elastic Adhesive 2½″ × 3 yds. (unstretched)	To be supplied in metal containers.	2 containers	4 containers	6 containers	8 containers
*Plaster of Paris 3″ × 3 yards	In sealed containers prepared for use.	6 containers	12 containers	18 containers	24 containers
*Triangular—not less than 36″ side, 51″ base	Each bandage to be individually wrapped and labelled; measurements to be stated on label.	6	6	6	6
*Unbleached Calico—6″ × 6 yds.	Each bandage to be individually wrapped and labelled; measurements to be stated on label.	6	6	6	6
W.O.W.					
1″ × 3 yds. ...	Each bandage to be individually wrapped and labelled; measurements to be stated on label.	18	36	54	72
2″ × 4 yds. ...		18	36	54	72
3″ × 4 yds. ...		9	18	27	36

SCALE I—MEDICAL STORES—*continued*

DRESSINGS—*continued*

ARTICLES All drugs and materials must conform to the instructions on page 1115	DETAILS REGARDING PACKAGING AND LABELLING	Quantities for ships carrying passengers and crew not exceeding:—			
		250	500	750	1,000
Cotton Wool— 2 oz. 8½″ wide	To be supplied rolled. The packets to be labelled with the words "Cotton wool"; measurements to be stated on the label. The cotton wool to be 28 to 30 inches in length.	12 pkts.	24 pkts.	36 pkts.	48 pkts.
Dressings					
*Burn and Wound...	Paraffin Gauze Dressing (B.P.C.). Packaging and labelling to conform to the specification given in Appendix F. of the Schedule.	3 cartons	6 cartons	9 cartons	12 cartons
*(*a*)Standard No. 13	Each dressing to be individually wrapped and labelled as follows:— No. 13 Small B.P.C. Plain Wound dressing 4″ × 3″ Directions—Unwind short end of bandage. Hold short and rolled end of bandage to straighten out pad. Apply without touching sterilised pad or wound and bandage firmly.	6	6	6	6
*(*a*)Standard No. 14	Each dressing to be individually wrapped and labelled as follows:— No. 14 Medium B.P.C. Plain wound dressing 6″ × 4″ Directions—Unwind short end of bandage. Hold short and rolled end of bandage to straighten out pad. Apply without touching sterilised pad or wound and bandage firmly.	6	6	6	6
*(*a*)Standard No. 15	Each dressing to be individually wrapped and labelled as follows:— No. 15 Large B.P.C. Plain wound dressing 8″ × 6″ Directions—Unwind short end of bandage. Hold short and rolled end of bandage to straighten out pad. Apply without touching sterilised pad or wound and bandage firmly.	6	6	6	6
Gauze—					
Absorbent—	To be supplied in packets labelled with the words "Gauze Absorbent Sterilized", measurements to be stated on label.				
36″ × 6″		9	18	27	36
36″ × 12″		9	18	27	36
36″ × 36″		9	18	27	36

(*a*) For replenishing First Aid Satchel.

SCALE I—MEDICAL STORES—*continued*

DRESSINGS—*continued*

ARTICLES All drugs and materials must conform to the instructions on page 1115	DETAILS REGARDING PACKAGING AND LABELLING	Quantities for ships carrying passengers and crew not exceeding:—			
		250	500	750	1,000
Gauze—*contd.*					
*Absorbent Ribbon 1″ × 6 yds.	To be supplied in packets labelled with the words "Gauze Absorbent Ribbon Sterilised", measurements to be stated on label.	1 roll	2 rolls	3 rolls	4 rolls
Gauze and Cotton Tissue	—	1 lb.	2 lb.	3 lb.	4 lb.
*Jaconet 36″	—	2 yds.	2 yds.	2 yds.	2 yds.
Lint—					
Absorbent					
6″ × 12″	To be supplied in packets labelled with the words "Lint Absorbent Sterilized", measurements to be stated on label.	18	24	36	48
12″ × 12″		9	18	27	36
Boric					
2″ × 6″	To be supplied in packets labelled with the words "Lint Boric", measurements to be stated on label.	9	18	27	36
6″ × 12″		12	24	36	48
Plaster—Zinc Oxide					
*½″ × 5 yds. ...	To be supplied on a spool	1 spool	2 spools	3 spools	4 spools
*1″ × 5 yds. ...	To be supplied on a spool	1 spool	2 spools	3 spools	4 spools
*3″ × 5 yds. ...	To be supplied on a spool	1 spool	2 spools	3 spools	4 spools
*Sterilized Dressings etc. for major operation		1 set	1 set	1 set	1 set
2 rolls white absorbent gauze, each 6 yards, 36 inches in width to be folded 9″ wide before rolling	The whole of the dressings to be wrapped in greaseproof paper, sterilised, and encased in one or two hermetically sealed metal containers and labelled "Sterilised Dressings for Major Operation".				
6 absorbent gauze pads (twelve thicknesses of gauze) 10″ × 20″					
5 dozen gauze swabs 6″ × 6″ (12 thicknesses of gauze stitched at edges) packed in dozens.					
1 manytail calico bandage (War Office pattern)					
2 five-inch bandages, 6 yards white open wove					
1 packet safety pins; ½ doz. size 3, ½ doz. size 4.					
8 surgical towels 18″ × 32″ weight not less than 24 oz. per doz.					
2 surgeon's caps, 2 gowns and 2 surgical masks.					
*Unbleached Calico 38″ wide		3 yds.	3 yds.	3 yds.	3 yds.

SCALE II

FOR SHIPS TO WHICH THE SCALES SET OUT IN THIS SCHEDULE UNDER THE HEADING "SCALE I" AND "SCALE III" DO NOT APPLY

1. *Quantities*

(1) The quantities of medicines set out in this Scale are the requirements for a voyage of twelve months duration and shall be carried on all voyages of over six months duration. On voyages of six months duration or less, not less than half the said quantities shall be carried, except where otherwise indicated in this Scale.

(2) The quantities of medical stores set out in this Scale shall be carried on all voyages.

2. *General Requirements*

The medicines and medical stores comprised in this Scale shall comply with the following requirements:—

(1) They shall conform to the standards and requirements of the current issue of the British Pharmacopoeia, the British Pharmaceutical Codex or the National Formulary, where those standards and requirements are applicable, and shall also comply with any special requirements indicated in this Scale.

(2) Containers or wrappings of medicines shall be plainly and durably labelled to show:—

(*a*) the English name of the contents as set out in the first column of this Scale;

(*b*) the particulars of the medicines given in the second column of this Scale printed in less prominent type than the information under (*a*). Where the word "POISON" is to be included with other particulars on the label it shall be printed in capital letters and either in red lettering or on a red background;

(*c*) the minimum and maximum dose of the contents for an adult, as set out in the British Pharmacopoeia, the British Pharmaceutical Codex or the National Formulary;

(*d*) the name and address of the supplier, which shall be indicated on a separate label which shall occupy not more than 25 per cent. of the total label space.

(3) Labels shall be rendered resistant to moisture either by the use of an efficient label varnish which must cover the label and overlap the edges, or by the use of some alternative method the effect of which is not inferior to varnishing.

MEDICINES

Names of Medicines in English	Other particulars to be included on the label	Special information about composition, packaging, etc.	Quantities for ships carrying the undermentioned number of persons	
			Up to 40 persons	Over 40 persons
Amyl Nitrite Capsules	Vitrell. Amyl.Nitris 5 min. CAUTION.—It is dangerous to exceed the stated dose.	No reduction in quantities for voyages of 6 months duration and under.	12	12
Arachis Oil ...	Ol. Arach.	—	½ pint	1 pint
Aromatic Spirit of Ammonia	Sp.Ammon.Aromat. ...	—	4 fl. oz.	8 fl. oz.
Aspirin Tablets	Tab. Acid. Acetylsalicyl. 5 gr.	—	250	500
Benzyl Benzoate Application	Applicat.Benzyl.Benz. For external use only.	To be supplied in green or amber fluted bottles.	2 pints	4 pints
Black Draught	Mist.Senn.Co.	—	½ gal.	1 gal.
Boric Acid ...	Acid.Boric.Cryst. ...	—	8 oz.	8 oz.

SCALE II—MEDICINES—*continued*

Names of Medicines in English	Other particulars to be included on the label	Special information about composition, packaging, etc.	Quantities for ships carrying the undermentioned number of persons	
			Up to 40 persons	Over 40 persons
Calamine and Tar Lotion	Liq.Pic.Carbon. 15 min. Lot.Calamin. ad 1 fl. oz. For external use only. Shake the bottle.	To be supplied in green or amber fluted bottles.	4 pints	8 pints.
Calomel Tablets	Tab.Hydrarg.Subchlor. 1 gr.	—	100	200
Carbolised Resin	Res.Carbol.	To be supplied in a wide-mouthed bottle so that dental tweezers can be inserted.	1 fl. oz.	1 fl. oz.
Castor Oil ...	Ol. Ricin.	—	2 pints	4 pints
Chloramphenicol	Caps.Chloramphen. 0·25 gramme.	To be labelled with an additional label as follows:— "MINISTRY OF TRANSPORT *Scale II ships.* CHLORAMPHENICOL To be used only for the treatment of enteric (typhoid) fever as directed in the Ship Captain's Medical Guide".	120 capsules	120 capsules
Cocaine Eye-drops	Gutt.Cocain.et Hydrarg. Perchlor.Oleos.B.P.C. POISON.—For external use only. *Directions for use:*— With the aid of the dropper put two drops into the eye every five minutes until the eye is insensitive. Usually three or four doses suffice. The eye should then be ready, and the foreign body can be removed with a previously sterilised eye spud. Afterwards an eye shade should be used for 24 hours.	To be supplied in green or amber fluted bottles with dropper attached. No reduction in quantities for voyages of 6 months duration and under.	1 fl. oz.	1 fl. oz.
Compound Codeine Tablets	Tab.Codein.Co. ... CAUTION.—It is dangerous to exceed the stated dose.	—	150	300
Cough Linctus...	Linct.Scill.Opiat. ... CAUTION.—It is dangerous to exceed the stated dose.	—	2 pints	4 pints
Cream of Tartar	Pot.Tart.Acid.	—	½ lb.	½ lb.
Dover's Powder Tablets	Tab.Ipecac.et Opii 5 gr. POISON.	—	100	200
Dusting Powder	Conspers.Zinc.Oxid. et Amyli Co.	No reduction in quantities for voyages of 6 months duration and under.	2 oz.	4 oz.

SCALE II—MEDICINES—*continued*

Names of Medicines in English	Other particulars to be included on the label	Special information about composition, packaging, etc.	Quantities for ships carrying the undermentioned number of persons	
			Up to 40 persons	Over 40 persons
Ear Drops ...	Aurist.Phenol. ... ... These drops must **not** be diluted with water. POISON.	No reduction in quantities for voyages of 6 months duration and under.	1 fl. oz.	1 fl. oz.
Ephedrine Tablets	Tab.Ephed.Hydrochlor. ½ gr. CAUTION.—It is dangerous to exceed the stated dose.	No reduction in quantities for voyages of 6 months duration and under.	100	100
Epsom Salts ...	Mag.Sulph.	To be supplied in 1 oz. packets.	4 lb.	8 lb.
Friars' Balsam	Tinct.Benzoin.Co. ...	—	4 fl. oz.	8 fl. oz.
Goulard's Extract	Liq.Plumb.Subacet. Fort. POISON.—For external use only. For use prepare *Goulard's Lotion* by diluting two teaspoonfuls to a pint with water.	To be supplied in green or amber fluted bottles.	2 fl. oz.	4 fl. oz.
Kaolin Poultice	Cataplasm.Kaolin ...	In ½ lb. sealed tins ...	4 tins	8 tins
Kaolin Stomach Mixture	Mist.Kaolin.et Morph. CAUTION.—It is dangerous to exceed the stated dose. Shake the bottle.	—	1 pint	2 pints
Laudanum ...	Tinct.Opii ... ... POISON.	—	4 fl. oz.	6 fl. oz.
Methyl Salicylate Liniment	Lin.Methyl.Salicyl. ... For external use only.	To be supplied in green or amber fluted bottles.	½ pint	1 pint
Morphine Ampoules ¼ gr.	POISON	Ampoule Syringes containing a solution of either a morphine salt equivalent to Anhydrous Morphine ¼ gr. in 1 c.c. or Papaveretum B.P.C. ¼ gr. in 1 c.c.—e.g. "Omnopon" (in screw-capped metal drums of six). No reduction in quantities to be carried for voyages of 6 months duration and under.	1 drum	2 drums
Morphine Tablets	Tab.Morph.Hydrochlor. ¼ gr. or Tab.Morph. Sulph. ¼ gr. POISON.	These tablets are for oral use and hypodermic tablets must not be supplied. No reduction in quantities to be carried for voyages of 6 months duration and under.	25	25
Oil of Turpentine	Ol.Terebinth.	—	4 fl. oz.	8 fl. oz.

SCALE II—MEDICINES—*continued*

Names of Medicines in English	Other particulars to be included on the label	Special information about composition, packaging, etc.	Quantities for ships carrying the undermentioned number of persons	
			Up to 40 persons	Over 40 persons
"Paludrine" Tablets	Tab. Proguanil. Hydrochlor. 0·1 gramme.	The quantities indicated are not to be reduced for voyages of 6 months duration and under and are to be increased to 50 tablets per member of the crew on ships proceeding on voyages to malarious ports (for definition see footnote (*c*) on page 1117).	250	500
Penicillin ...	Procaine Penicillin G. Fortified in rubber capped vials and containing 300,000 international units of sterile procaine penicillin G. and 100,000 international units of crystalline penicillin salt with suitable suspending and buffering agents.	In rubber-capped vials. Label to state the volume of sterile solvent to be added to the vial for the preparation of a suspension for intramuscular injection.	18 vials	36 vials
Pile Ointment ...	Ung. Benzocain. Co....	—	4 oz.	4 oz.
Potassium Permanganate Solution-Tablets.	Solv. Pot. Permang. 8¾ gr.	—	50	100
Quinine Tablets	Tab. Quinin. Bisulph. 5 gr. or Tab. Quinin. Dihydrochlor. 5 gr.	Tablets to be uncoated, the quantities indicated are not to be reduced for voyages of 6 months duration and under and are to be doubled on ships proceeding on voyages to malarious ports (for definition see footnote (*c*) on page 1117).	150	300
Salt Tablets ...	Solv. Sod. Chlorid. 15 gr.	—	250	500
Seasickness Tablets	Tab. Hyoscin. Hydrobrom. 1/200 gr. POISON.		50	100
Sedative Tablets	Tab. Butobarbiton. 1½ gr. POISON.		50	100
Soda Mint Tablets	Tab. Sod. Bicarb. Co.	—	50	100
Sodium Bicarbonate	Sod. Bicarb.	—	4 oz.	8 oz.
Soft Paraffin ...	Paraff. Moll. Flav. ...	—	8 oz.	8 oz.
Stomach Powder	Pulv. Mag. Trisil. Co....	—	8 oz.	1 lb.
Sulphadimidine Tablets	Tab. Sulphadimid. 0·5 gramme. POISON.	To be supplied in bottles containing 500 tablets.	2 bots.	4 bots.
Sulphaguanidine Tablets	Tab. Sulphaguanidin. 0·5 gramme POISON.		200	400

SCALE II—MEDICINES—*continued*

Names of Medicines in English	Other particulars to be included on the label	Special information about composition, packaging, etc.	Quantities for ships carrying the undermentioned number of persons	
			Up to 40 persons	Over 40 persons
Surgical Spirit ...	Sp. Chir. (B.P.C. No. 3)	—	½ pint	1 pint
Tincture of Iodine	Liq. Iod. Mit. For external use only.	To be supplied in green or amber fluted bottles.	½ pint	1 pint
Tonic Tablets ...	Tab. Ferr. Phosph. c. Quinin. et Strych. 30 min. CAUTION.—It is dangerous to exceed the stated dose.	—	150	300
Vegetable Laxative Tablets	Tab.Colocynth. et Jalap. Co. CAUTION.—It is dangerous to exceed the stated dose.	—	200	400
Water for Injection	Aq. pro Inj. in 2 ml. ampoules.		24 ampoules	48 ampoules
White precipitate Ointment ...	Ung. Hydrarg.Ammon. POISON.	—	4 oz.	8 oz.
Whitfield's Ointment	Ung. Acid. Benz. Co....	—	4 oz.	8 oz.
Zinc Ointment	Ung. Zinc. Oxid. ...	—	4 oz.	8 oz.

MEDICAL STORES

SUNDRIES

ARTICLE	SPECIAL INFORMATION	Quantities for ships carrying the undermentioned number of persons	
		Up to 40 persons	Over 40 persons
Antiseptic	To conform to the specification for Antiseptics given in Appendix A of this Schedule.	1 pint	2 pints
Anti-V.D. Outfit ...	To conform to the specification given in Appendix B of this Schedule.	For the first 50 members of the crew one outfit per member and one outfit for every two members of the crew exceeding 50.	
Basin	To be of good quality enamelled iron, minimum size 8″ diameter by 4″ depth, lettered "Medical".	1	1
Bedpan	To be of good quality enamelled iron. Perfection type, large size.	1	1

SCALE II—MEDICAL STORES—*continued*

SUNDRIES—*continued*

ARTICLE	SPECIAL INFORMATION	Quantities for ships carrying the undermentioned number of persons	
		Up to 40 persons	Over 40 persons
Books—			
Ship Captain's Medical Guide, latest edition with amendments.	—	1	1
Merchant Shipping Medical Scales, latest edition with amendments.	—	1	1
Bottles—			
2 ozs.	Graduated teaspoons	6	12
6 ozs.	Graduated tablespoons	6	12
2 ozs.	Fluted poison	3	6
Boxes, ointment ...	Nested	6 nests	12 nests
Corks	To fit 2 oz. bottles	18	36
	To fit 6 oz. bottles	12	24
Disinfectant ...	To conform to the specification for Disinfectants given in Appendix A of this Schedule.	1 gall.	2 gall.
Eye Baths	To be of glass, porcelain or a plastic which is unaffected by immersion in boiling water for at least 5 minutes.	2	2
Eye Shades	To be of cardboard	3	6
Finger Stalls, Leather	Assorted sizes	6	12
First Aid Satchel ...	The following to be supplied complete in a strong canvas bag with a strap for carrying:— 8 triangular bandages 4 standard dressings No. 13 2 standard dressings No. 14 1 standard dressing No. 15 ½ lb. roll of cotton wool 6 brass, plated safety pins 2″ on a card.	1	1
Gloves—Rubber Surgical—Rough	Size 8	2 pairs	2 pairs
Hot Water Bottles ...	8″ × 12″ rubber, with covers ...	2	2
Indiarubber Sheeting	1 yd. × 2 yds. to be rolled on a wooden core, surface to be smooth and non-adhesive.	1	2
Insecticide—			
Liquid	To conform to specification given in Appendix C of this Schedule.	An amount equal to 6 gall. of the diluted product.	An amount equal to 12 gall. of the diluted product.
Spray		1	1
Powder		4 ozs.	8 ozs.

SCALE II—MEDICAL STORES—*continued*

SUNDRIES—*continued*

ARTICLE	SPECIAL INFORMATION	Quantities for ships carrying the undermentioned number of persons	
		Up to 40 persons	Over 40 persons
Labels—			
Plain	In packets of 100	1 pkt.	1 pkt.
Poison	In packets of 50	1 pkt.	1 pkt.
Measures—			
2 ozs.	Graduated ozs., drs., tablespoons and teaspoons (Mason's wine) unstamped. The words ounces and drachms to be marked in full or abbreviated and not to be replaced by symbols.	2	2
2 drachms ...	Government stamped, conical, glass graduated drachms and minims. The words drachms and minims to be marked in full or abbreviated and not to be replaced by symbols.	2	2
Methylated Spirit (Mineralised)	—	1 pint	2 pints
Mosquito Repellent	Dimethyl Phthalate in 2 oz. bottles. Bottle to bear a label with the following Caution:— Dimethyl Phthalate is a solvent for lacquer, paint and plastic articles. It should not be brought into contact with spectacle frames, watch glasses, fountain pens, etc. To be carried on vessels proceeding to malarious ports (for definition see footnote (*c*) on page 1117). For issue to each member of the crew as a protective measure against mosquitoes when the vessel is in a malarious area. It is estimated that a 2 oz. bottle should last about two weeks. When it is known that the vessel is going to remain in a malarious area for a considerable period the reserve carried should be increased accordingly.	One bottle per member of the crew plus a minimum reserve of 10 per cent.	
Neil Robertson Stretcher.	—	1	1
Palette Knife 4″ blade	The blade to be of rustless and stainless steel, with wooden handle.	1	1
Safety Pins	Brass, plated 2″	1 doz.	1 doz.
Sputum Mug ...	To be of metal or enamelled iron with hinged lid.	1	1

SCALE II—MEDICAL STORES—*continued*

SUNDRIES—*continued*

ARTICLE	SPECIAL INFORMATION	Quantities for ships carrying the undermentioned number of persons	
		Up to 40 persons	Over 40 persons
(*a*) Stabilised Chloride of Lime.	In ¼ lb. tins. To conform to specification given in Appendix E of this Schedule.	(*a*)	(*a*)
Temperature Charts	Four-hourly combined Chart for pulse, respirations and temperature.	3	3
Urine Bottle ...	Enamelled iron with handle for male use.	1	1

(*a*) The number of tins to be carried shall be calculated on the amount of Stabilised Chloride of Lime required to produce a concentration of one part of chlorine per million parts of water in the largest fresh water tank in the ship (a quarter pound tin will be required for approximately 28 tons of water).

MEDICAL STORES

INSTRUMENTS AND APPLIANCES

ARTICLE	SPECIAL INFORMATION	Quantities for ships carrying the undermentioned number of persons	
		Up to 40 persons	Over 40 persons
Applicators—wooden for throat.		1 doz.	1 doz.
Canvas Roll for Instruments.	For use as a container for Eye Spud, Forceps (Dental Packing, Dissecting, Epilation, Sinus, Spencer Wells'), Scissors, Clinical Thermometers.	1	1
Catheters—			
Gum elastic, with olivary ends.	Sizes 3, 5 and 7, one of each to be supplied with stilettes in a glass or plastic cylinder, or metal box with hinged lid with a sprinkling of French chalk.	1 container	1 container
Jacques Rubber ...	Sizes 3, 5 and 7, one of each to be supplied in a glass or plastic cylinder or metal box with hinged lid with a sprinkling of French chalk.	1 container	1 container
Eye Spud with covered point.	To be of rustless and stainless steel...	1	1

SCALE II—MEDICAL STORES—*continued*

INSTRUMENTS AND APPLIANCES—*continued*

ARTICLE	SPECIAL INFORMATION	Quantities for ships carrying the undermentioned number of persons	
		Up to 40 persons	Over 40 persons
Forceps—			
Dental:			
Lower Roots — Martin's pattern.	To be made of rustless and stainless steel throughout and to be stamped " Lower roots ".	1 pair	1 pair
Upper Roots — Guy's pattern.	To be made of rustless and stainless steel throughout and to be stamped " Upper roots ".	1 pair	1 pair
Packing ...	To be made of rustless and stainless steel throughout.	1 pair	1 pair
Dissecting 5″ ...	To be made of rustless and stainless steel throughout.	1 pair	1 pair
Epilation with oblique ends for removal of splinters.	To be made of rustless and stainless steel throughout.	1 pair	1 pair
Sinus 5″	To be made of rustless and stainless steel throughout.	1 pair	1 pair
Spencer Wells' 5″	To be made of rustless and stainless steel throughout.	2 pairs	2 pairs
Kidney Dish 10″ ...	Enamelled iron	1	1
Microscope Slides ...	—	6	6
Needles, Hypodermic	No. 0, diameter 0·9 mm., length 41 mm., Record Mount.	6	6
Paget's Knife ...	To be of rustless and stainless steel throughout and to be supplied in a metal or wooden box together with the scalpel.	1	1
Scalpel	1½″ blade. To be of rustless and stainless steel throughout and to be supplied in a metal or wooden box together with the Paget's Knife.	1	1
Scissors, 7″	One blade sharp-pointed and the other blunt-pointed. To be of rustless and stainless steel.	1 pair	1 pair
Silk and Needles ...	Silk to be 18″ long threaded with a half-curved cutting-edge needle size 10. Each length to be closed in a sealed glass tube with a fracture scratch, and to be sterile. Container label to give illustrated direction for breaking the tube.	4	6
Splints—			
Common	—	1 set	1 set
Liston's Thigh ...	Largest size	1	1

SCALE II—MEDICAL STORES—*continued*

INSTRUMENTS AND APPLIANCES—*continued*

ARTICLE	SPECIAL INFORMATION	Quantities for ships carrying the undermentioned number of persons	
		Up to 40 persons	Over 40 persons
Steriliser with spirit lamp.	To measure not less than approx. 7″ × 3″ × 2″.	1	1
Stomach Tube 42″ (gauge 18–20).	To be supplied in red rubber with unbreakable funnel to fit, and wooden gag.	1	1
Suspensory bandages with under straps—			
Medium ...	—	2	4
Large	—	2	4
Syringe, Higginson's with Enema Nozzle and Rectal Catheter.	The syringe with enema nozzle to be indelibly marked " For enema use only " and to be supplied in a box with one No. 8 Jacques Rubber Catheter.	1	1
Syringe, Higginson's with Ear Nozzle.	The syringe to be indelibly marked " For ear use only " and to be supplied in a box.	1	1
Syringe, Hypodermic	2 ml. glass barrel fitted with a hexagonal metal nozzle (for Record Mount) and an all glass plunger, in metal case. The syringe must pass the Thermal Shock Test and Corrosion Tests laid down in British Standard 1263 of 1946.	2	2
Thermometer, Clinical.	To be supplied in metal or plastic protective case, lens fronted ½ min. and stamped N.P.L.	2	3
Tongue Depressors...	To be made of wood	1 doz.	2 doz.
Truss, elastic band type—			
Single 38″ ...	With rat-tail pad right	1	1
Single 38″ ...	With rat-tail pad left	1	1
Double 38″ ...	With rat-tail pads	1	1

SCALE II—MEDICAL STORES—*continued*

DRESSINGS

ARTICLE All materials must conform to the instructions on page 1130	Details regarding packaging and labelling	Quantities for ships carrying the undermentioned number of persons	
		Up to 40 persons	Over 40 persons
Bandages—			
Crepe, 3″ × 5 yards	Each bandage to be individually wrapped and labelled; measurements to be stated on label.	3	3
Elastic Adhesive, 2½″ × 3 yards (unstretched)	To be supplied in metal container ...	1 container	2 containers
Triangular, not less than 36″ side, 51″ base	Each bandage to be individually wrapped and labelled; measurements to be stated on label.	4	8
Unbleached Calico, 6″ × 6 yards	Each bandage to be individually wrapped and labelled; measurements to be stated on label.	4	6
W.O.W.—			
1″ × 3 yards ...	Each bandage to be individually wrapped and labelled; measurements to be stated on label.	18	36
3″ × 4 yards ...	Each bandage to be individually wrapped and labelled; measurements to be stated on label.	18	36
Cotton Wool—			
½ oz. 3″ wide	To be supplied rolled. The packets to be labelled with the words "Cotton Wool"; measurements to be stated on the label. The cotton wool to be in one continuous length as follows:— ½ oz. size ... ... 21″–22″ 1 oz. size ... ... 28″–30″	18 pkts.	36 pkts.
1 oz. 4¼″ wide		18 pkts.	36 pkts.
Dressings—			
Burn and Wound	Paraffin Gauze Dressing (B.P.C.). Packaging and labelling to conform to the specification given in Appendix F of this Schedule.	6 cartons	12 cartons
Standard No. 13 ...	Each dressing to be individually wrapped and labelled as follows:— No. 13 Small B.P.C. Plain Wound Dressing 4″ × 3″ Directions:—Unwind short end of bandage. Hold short and rolled end of bandage to straighten out pad. Apply without touching sterilised pad or wound and bandage firmly.	18	36

SCALE II—MEDICAL STORES—*continued*

DRESSINGS—*continued*

ARTICLE All materials must conform to the instructions on page 1130	Details regarding packaging and labelling	Quantities for ships carrying the undermentioned number of persons	
		Up to 40 persons	Over 40 persons
Dressings—(*contd.*)			
Standard No. 14 ...	Each dressing to be individually wrapped and labelled as follows:— No. 14 Medium B.P.C. Plain Wound Dressing 6″ × 4″ Directions:—Unwind short end of bandage. Hold short and rolled end of bandage to straighten out pad. Apply without touching sterilised pad or wound and bandage firmly.	12	24
Standard No. 15 ...	Each dressing to be individually wrapped and labelled as follows:— No. 15 Large B.P.C. Plain Wound Dressing 8″ × 6″ Directions:—Unwind short end of bandage. Hold short and rolled end of bandage to straighten out pad. Apply without touching sterilised pad or wound and bandage firmly.	6	12
Gauze—			
Absorbent—			
36″ × 12″ ...	To be supplied in packets labelled with the words " Gauze Absorbent Sterilised "; measurements to be stated on label.	12 pkts.	24 pkts.
36″ × 36″ ...		8 pkts.	16 pkts.
Absorbent Ribbon, 1″ × 6 yards	To be supplied in packets labelled with the words " Gauze Absorbent Ribbon Sterilised "; measurements to be stated on label.	1 roll	1 roll
Jaconet	—	1 sq. yd.	2 sq. yds.
Lint—			
Absorbent—			
6″ × 12″	To be supplied in packets labelled with the words " Lint Absorbent Sterilised "; measurements to be stated on label.	12 pkts.	18 pkts.
12″ × 12″		12 pkts.	18 pkts.
Boric—	To be supplied in packets labelled " Lint Boric "; measurements to be stated on label.		
2″ × 6″		12 pkts.	24 pkts.
6″ × 12″		12 pkts.	24 pkts.
Plaster—			
Elastic Adhesive, 1″ × 3 yards (unstretched)	To be supplied on a spool	1 spool	2 spools
Zinc Oxide, 1″ × 5 yards	To be supplied on a spool	1 spool	2 spools

SCALE III

FOR SHIPS PROCEEDING FROM OR TO ANY PLACE IN THE UNITED KINGDOM OR THE REPUBLIC OF IRELAND TO OR FROM ANY PLACE IN ICELAND OR THE FAROE ISLANDS OR TO OR FROM ANY PLACE IN WESTERN EUROPE BETWEEN NARVIK AND CORUNNA INCLUSIVE, INCLUDING ANY PLACE IN THE BALTIC SEA, GULF OF FINLAND AND GULF OF BOTHNIA AND NOT REQUIRED BY LAW TO CARRY A QUALIFIED MEDICAL PRACTITIONER.

General Requirements

The medicines and medical stores comprised in this Scale shall comply with the following requirements:—

(1) They shall conform to the standards and requirements of the current issue of the British Pharmacopoeia, the British Pharmaceutical Codex or the National Formulary, where those standards and requirements are applicable, and shall comply with any special requirements indicated in this Scale.

(2) Containers or wrappings of medicines shall be plainly and durably labelled to show:—

(*a*) the English name of the contents as set out in the first column of this scale;

(*b*) the particulars of the medicines given in the second column of this Scale printed in less prominent type than the information under (*a*). Where the word " POISON " is to be included with other particulars on the label it shall be printed in capital letters and either in red lettering or on a red background;

(*c*) the minimum and maximum dose of the contents for an adult, as set out in the British Pharmacopoeia, the British Pharmaceutical Codex, or the National Formulary;

(*d*) the name and address of the supplier, which shall be indicated on a separate label which shall occupy not more than 25 per cent. of the total label space.

(3) Labels shall be rendered resistant to moisture either by the use of an efficient label varnish which must cover the label and overlap the edges, or by the use of some alternative method the effect of which is not inferior to varnishing.

(4) The medicines and medical stores marked " (*a*) " need not be carried on ships which are normally within 12 hours voyage of a port.

MEDICINES

Names of Medicines in English	Other particulars to be included on the label	Special information about composition, packaging, etc.	Quantity
Aromatic Spirit of Ammonia.	Sp. Ammon. Aromat. ...	—	2 fl. oz.
(*a*) Aspirin Tablets	Tab. Acid. Acetylsalicyl. 5 gr.	—	200
(*a*) Boric Acid ...	Acid. Boric. Cryst. ...	—	2 oz.
(*a*) Cocaine Eye-drops.	Ol. Ricin.	—	8 fl. oz.
	Gutt. Cocain. et Hydrarg. Perchlor. Oleos. B.P.C. POISON—For external use only. Directions for use:—With the aid of the dropper put two drops into the eye every five minutes until the eye is insensitive. Usually three or	To be supplied in green or amber fluted bottle with dropper attached.	1 fl. oz.

SCALE III—MEDICINES—*continued*

Names of Medicines in English	Other particulars to be included on the label	Special information about composition, packaging, etc.	Quantity
(*a*) Cocaine Eye-drops—(*contd.*)	four doses suffice. The eye should then be ready and the foreign body can be removed with a previously sterilised eye spud or other clean instrument. Afterwards an eye shade or some cover should be used for 24 hours.		
Compound Codeine Tablets.	Tab. Codein. Co. CAUTION—It is dangerous to exceed the stated dose.	—	100
Cough Linctus ...	Linct. Scill. Opiat. CAUTION—It is dangerous to exceed the stated dose.	—	1 pint
(*a*) Epsom Salts ...	Mag. Sulph.	To be supplied in 1 oz. packets.	1 lb.
(*a*) Friars' Balsam	Tinct. Benzoin. Co. ...	—	2 fl. oz.
(*a*) Goulard's Extract.	Liq. Plumb. Subacet. Fort. POISON—For external use only. For use prepare *Goulard's Lotion* by diluting two teaspoonfuls to a pint with water.	To be supplied in green or amber fluted bottles.	4 fl. oz.
(*a*) Laudanum ...	Tinct. Opii. POISON ...	—	2 fl. oz.
(*a*) Methyl Salicylate Liniment.	Lin. Meth. Salicyl. For external use only.	To be supplied in green or amber fluted bottles.	8 fl. oz.
Morphine Ampoules ¼ gr.	POISON	Ampoule Syringes containing a solution of either a morphine salt equivalent to Anhydrous Morphine ¼ gr. in 1 c.c. or Papaveretum B.P.C. ½ gr. in 1 c.c., e.g. "Omnopon" (in screw-capped metal drums of six).	1 drum
Morphine Tablets.	Tab. Morph. Hydrochlor ¼ gr. or Tab. Morph. Sulph. ¼ gr. POISON.	These tablets are for oral use and hypodermic tablets must not be supplied.	6
(*a*) Sedative Tablets.	Tab. Butobarbiton. 1½ gr. POISON.	—	50

SCALE III—MEDICINES—*continued*

Names of Medicines in English	Other particulars to be included on the label	Special information about composition, packaging, etc.	Quantity
Soda Mint Tablets.	Tab. Sod. Bicarb. Co....	—	50
Soft Paraffin ...	Paraff. Moll. Flav. ...	—	4 oz.
(*a*) Sulphadimidine Tablets.	Tab. Sulphadimid. 0·5 gramme. POISON.	—	100
Tincture of Iodine	Liq. Iod. Mit. For external use only.	To be supplied in green or amber fluted bottles.	4 fl. oz.
Vegetable Laxative Tablets.	Tab. Colocynth. et Jalap. Co. CAUTION — It is dangerous to exceed the stated dose.	—	50
Zinc Ointment ...	Ung. Zinc. Oxid. ...	—	4 oz.

MEDICAL STORES

SUNDRIES

ARTICLE	SPECIAL INFORMATION	Quantity
(*a*) Antiseptic	To conform to the specification for Antiseptics given in Appendix A of this Schedule.	½ pint
Basin	To be of good quality enamelled iron, minimum size 8″ diameter by 4″ depth, lettered " Medical ".	1
Bottles—		
(*a*) 6 ozs.	Graduated tablespoons	3
(*a*) 2 ozs.	Fluted poison	3
Books—		
Ship Captain's Medical Guide, latest edition with amendments.	—	1
Merchant Shipping Medical Scales, latest edition with amendments.	—	1
(*a*) Boxes, Ointment ...	Nested...	2 nests
(*a*) Corks	To fit 2 oz. bottle	6
	To fit 6 oz. bottle	6
Disinfectant	To conform to the specification for Disinfectants given in Appendix A of this Schedule.	½ gall.
Eye Baths	To be of glass, porcelain or a plastic which is unaffected by immersion in boiling water for at least 5 minutes.	2
Eye Shades	To be of cardboard	4
Finger Stalls, Leather ...	Assorted sizes	6
First Aid Satchel... ...	The following to be supplied complete in a strong canvas bag with a strap for carrying:— 8 triangular bandages 4 standard dressings No. 13. 2 standard dressings No. 14. 1 standard dressing No. 15. ½ lb. roll of cotton wool. 6 brass, plated safety pins 2″ on a card.	1

SCALE III—MEDICAL STORES—*continued*

SUNDRIES—*continued*

ARTICLE	SPECIAL INFORMATION	Quantity
Insecticide—		
Liquid	To conform to specification given in Appendix C of this Schedule.	An amount equal to 3 gallons of diluted product.
Spray	To conform to specification given in Appendix C of this Schedule.	1
(*a*) Labels—Plain ...	In packets of 100	1 pkt.
(*a*) Labels—Poison ...	In packets of 50	1 pkt.
Measures—		
2 ozs.	Graduated ozs., drs., tablespoons and teaspoons (Mason's wine) unstamped. The words ounces and drachms to be marked in full or abbreviated and not to be replaced by symbols.	1
(*a*) 2 drachms	Government stamped, conical, glass graduated drachms. The words drachms and minims to be written in full or abbreviated and not to be replaced by symbols.	1
Safety Pins	Brass, plated, 2″	12

INSTRUMENTS AND APPLIANCES

ARTICLE	SPECIAL INFORMATION	Quantity
Canvas Roll for Instruments.	For use as a container for Eye Spud when carried: Forceps (Epilation, Spencer Wells'), Scissors, Clinical Thermometer.	1
Catheters—		
(*a*) Gum elastic, with olivary ends.	Sizes 3, 5 and 7, one of each to be supplied with stilettes in a glass, plastic or metal container with a sprinkling of French chalk.	1 container
(*a*) Jacques rubber ...	Sizes 3, 5 and 7, one of each to be supplied in a glass, plastic or metal container with a sprinkling of French chalk.	1 container
(*a*) Eye Spud with covered point.	To be of rustless and stainless steel ...	1
Forceps—		
Epilation with oblique ends for removal of splinters.	To be made of rustless and stainless steel throughout.	1 pair
Spencer Wells' 5″ ...	To be made of rustless and stainless steel throughout.	1 pair
(*a*) Paget's Knife	To be of rustless and stainless steel throughout and to be supplied in a metal or wooden box.	1
Scissors, 7″	One blade sharp-pointed and the other blunt-pointed. To be of rustless and stainless steel.	1 pair

SCALE III—MEDICAL STORES—*continued*
INSTRUMENTS AND APPLIANCES—*continued*

ARTICLE	SPECIAL INFORMATION	Quantity
(*a*) Silk and Needles ...	Silk to be 18″ long threaded with a half-curved cutting-edge needle size 10. Each length to be closed in a sealed glass tube with a fracture scratch and to be sterile. Container label to give illustrated direction for breaking the tube.	2
Splints		
(*a*) Common	—	1 set
Liston's Thigh... ...	Largest size	1
Suspensory bandage with under straps—		
(*a*) Medium	—	1
(*a*) Large	—	1
(*a*) Syringe, Higginson's, with Enema Nozzle and Rectal Catheter.	The syringe with enema nozzle to be indelibly marked, "For enema use only", and to be supplied in a box with one No. 8 Jacques rubber catheter.	1
Thermometer, Clinical ...	To be supplied in metal or plastic protective case, lens fronted ½ min. and stamped N.P.L.	2
(*a*) Truss, elastic band type—		
Single 38″	With rat-tail pad right	1
Single 38″	With rat-tail pad left	1
Double 38″	With rat-tail pads	1

DRESSINGS

ARTICLE All materials must conform to the instructions on page 1142	Details regarding packaging and labelling	QUANTITY
Bandages—		
(*a*)Elastic Adhesive, 2½″ × 3 yds. (unstretched).	To be supplied in metal container	1 container
Triangular, not less than 36″ side, 51″ base.	Each bandage to be individually wrapped and labelled; measurements to be stated on label.	3
W.O.W.—		
1″ × 3 yds. ...	Each bandage to be individually wrapped and labelled; measurements to be stated on label.	12
3″ × 4 yds. ...	Each bandage to be individually wrapped and labelled; measurements to be stated on label.	6
Cotton Wool—		
½ oz., 3″ wide	To be supplied rolled. The packets to be labelled with the words "Cotton Wool", measurements to be stated on the label. The cotton wool to be in one continuous length as follows:— ½ oz. size... ... 21″–22″ 1 oz. size... ... 28″–30″	6 pkts.
1 oz., 4½″ wide		6 pkts.

SCALE III—MEDICAL STORES—*continued*

DRESSINGS—*continued*

ARTICLE All materials must conform to the instructions on page 1142	Details regarding packaging and labelling	QUANTITY
Dressings—		
Burn and Wound ...	Paraffin Gauze Dressing (B.P.C.). Packaging and labelling to conform to the specification given in Appendix F of this Schedule.	3 cartons
Standard No. 13 ...	Each dressing to be individually wrapped and labelled as follows:— No. 13 Small B.P.C. Plain Wound Dressing 4″ × 3″ *Directions:* Unwind short end of bandage. Hold short and rolled end of bandage to straighten out pad. Apply without touching sterilised pad or wound and bandage firmly.	12
Standard No. 14 ...	Each dressing to be individually wrapped and labelled as follows:— No. 14 Medium B.P.C. Plain Wound Dressing 6″ × 4″ *Directions:* Unwind short end of bandage. Hold short and rolled end of bandage to straighten out pad. Apply without touching sterilised pad or wound and bandage firmly.	8
Standard No. 15 ...	Each dressing to be individually wrapped and labelled as follows:— No. 15 Large B.P.C. Plain Wound Dressing 8″ × 6″ *Directions:* Unwind short end of bandage. Hold short and rolled end of bandage to straighten out pad. Apply without touching sterilised pad or wound and bandage firmly.	4
Gauze—		
Absorbent—		
(*a*) 36″ × 12″	To be supplied in packets labelled with the words "Gauze Absorbent Sterilised"; measurements to be stated on label.	4 pkts.
(*a*) 36″ × 36″		2 pkts.
(*a*)Jaconet...	—	1 sq. yd.
Lint—		
Absorbent—	To be supplied in packets labelled with the words "Lint Absorbent Sterilised"; measurements to be stated on label.	
(*a*) 6″ × 12″		4 pkts.
(*a*) 12″ × 12″		2 pkts.
Boric—	To be supplied in packets labelled "Lint Boric"; measurements to be stated on label.	
a) 2″ × 6″		12 pkts.
(*a*) 6″ × 12″		12 pkts.
Plaster—		
(*a*) Elastic adhesive, 1″ × 3 yds. (unstretched).	To be supplied on a spool	1 spool
Zinc Oxide, 1″ × 5 yds.	To be supplied on a spool	1 spool

APPENDIX A

Specification of Disinfectants and Antiseptics for Ships

1. *Disinfectants*

The disinfectant shall conform to the following specification:—

(1) *General Description.* The disinfectant shall be a white fluid, and shall be a finely dispersed, stabilised emulsion containing coal-tar acids or other phenolic bodies, with or without hydrocarbons.

(2) *Germicidal Value and the Method of its Determination.* The germicidal value shall be not less than 1·7 when determined by the modified Chick-Martin method as laid down by the British Standards Specification No. 808 of 1938.

(3) *Stability before Dilution.* On standing for three months at ordinary temperatures (5°C to 30°C) the disinfectant fluid shall not precipitate nor show separation of more than traces of oil. A creamed fluid which can be rendered homogeneous by gentle mixing is permissible.

(4) *Stability after Dilution.* The disinfectant fluid shall be miscible with distilled water and artificial sea-water (27 grammes of sodium chloride and 5 grammes of crystalline magnesium sulphate ($MgSO_4$ $7H_2O$) dissolved in and made up to 1,000 ml. with distilled water). The solution should be filtered before use in all proportions from one to five per cent. inclusive, to give a stable emulsion which shall not break nor show more than traces of separation of either top or bottom oil, when maintained at 18–22°C for six hours. When examining the disinfectant under this sub-paragraph the sample and diluent shall each be brought to the specified temperatures before mixing, which shall be performed by pouring the former into the latter from a cylinder.

(5) *Odour and Corrosive Action.* The fluid shall be free from objectionable smell and, when used as directed, shall have no more corrosive action on metals than that occasioned by the water employed as a diluent.

(6) *Packaging.* Where no container is specified on the tender form, the fluid shall be packaged in containers capable of being stored under normal conditions for six months without deleterious interaction between the fluid and the container.

(7) *Labelling.* The containers shall be labelled to show the name and nature of the contents and with full instructions for use for various purposes. The solutions recommended in the instructions shall be suitable for the purposes specified. The labels shall be rendered resistant to moisture either by the use of an efficient label varnish which must cover the label and overlap the edges or by some alternative method the effect of which is not inferior to varnishing.

2. *Antiseptics*

The antiseptic shall conform to the following specification:—

(1) *General Description.* The antiseptic shall consist of a homogeneous solution or emulsion of a phenol, chloro-cresol, p-chloro-m-xylenol or other approved germicidal substance, dissolved in a suitable solvent.

(2) *Germicidal value.* The germicidal value shall be not less than 3 when determined by the Rideal Walker method as laid down by the British Standards Specification No. 541 of 1934.

(3) *Stability of Dilution.* The antiseptic shall not show any separation after six hours when mixed, in all proportions from one to four per cent. inclusive, in waters of all degrees of hardness up to the equivalent of 300 parts calcium carbonate per million. These mixtures shall not break or precipitate in less than 6 hours at 22°C and 37°C.

(4) *Labelling.* The containers shall be labelled to show the name and nature of the contents and with full instructions for use for various purposes. The dilutions recommended in the instructions shall be suitable for the purposes specified. The labels shall be rendered resistant to moisture either by the use of an efficient label varnish which must cover the label and overlap the edges or by some alternative method the effect of which is not inferior to varnishing.

APPENDIX B

Specification of Anti-V.D. Outfit

1. The Anti-V.D. Outfit shall comprise a tube of prophylactic ointment and a washing cloth to the following specifications:—

Anti-V.D. Ointment:

Formula:

Mercurous chloride	30 grammes
Sulphathiazole	15 grammes
White soft paraffin...	40 grammes
Light liquid paraffin	14 grammes
Cetyl alcohol	1 gramme
Oil of Lavender	0·01 millilitre

The ointment shall be supplied in collapsible tubes, with elongated nozzles and screw caps, each containing 60 grains, and labelled Prophylactic Ointment. The length of the nozzle shall be not less than ½ inch nor more than ¾ inch.

2. *Washing Cloth*

This cloth shall be of coarse weave soft cotton wash cloth, free from size or dressing, or white lint, and not less than 3″ × 3″ square, impregnated with soap to a total weight of approximately 10 ounces per square yard. Soap shall be of the type that will lather in either hard or soft water. As an alternative to soap a suitable synthetic detergent, to give a washing cloth not inferior in any respect to a washing cloth prepared with soap, may be used, provided that the detergent employed is not an irritant to the skin.

3. Each kit to be in a separate sealed waterproof envelope bearing the following instructions:—

Anti-V.D. Outfit

Instructions for use **after** *exposure*

1. Pass water.
2. Wet the wash cloth and thoroughly wash the penis, purse and surrounding skin.
3. Squeeze about ¼ of the contents of the tube into the canal of the penis. Massage gently with thumb and forefinger for a few seconds after injecting the ointment.
4. Rub the rest of the ointment over the entire length of the penis, purse and adjacent abdomen and thigh for at least 3 minutes paying particular attention to the foreskin, head and neck of penis.
5. Do not pass water for two hours after using the kit if you can avoid it.

APPENDIX C

Specification of Insecticides and Spray

1. *Liquid Insecticide suitable after Appropriate Dilution for spraying infested Living Quarters, Galleys, etc.*

(1) The liquid insecticide used shall contain as the active ingredient either 2:2-di-(*p*-chlorophenyl)-1:1:1-trichloroethane (*DDT*) or the gamma isomer of benzene hexachloride (*gamma BHC*) with the addition of pyrethrins, if desired. It may be supplied in the form of a concentrate, such that, after dilution with water in accordance with the instructions printed on the label of the container, the diluted product suitable for spraying contains—

(*a*) if no pyrethrins are present, either 5 per cent. DDT or 0·5 per cent. of gamma BHC; or

(*b*) if pyrethrins are present, either 3 per cent. DDT with 0·2 per cent. pyrethrins; or 0·3 per cent. gamma BHC with 0·1 per cent. pyrethrins.

(2) The DDT and gamma BHC used for the formulation of the products shall contain not less than 70 per cent. of the p.p-isomer and not less than 90 per cent. of the pure gamma isomer, respectively.

(3) The concentrated form of the liquid insecticide *shall have a flash point* above 80°F. and the diluted form, suitable for spraying, should be *non-inflammable* and leave no residual odour or unsightly deposit. It shall have no deleterious effect upon metal finishes, fabrics and plastics with which it may come into contact. Full instructions for dilution to give the appropriate concentration stated above shall be printed on the label of the container. The insecticide shall be carried in half pint tins effectively sealed so that they will remain airtight and watertight under all conditions. The tins shall be packed in sawdust or thick corrugated paper in wooden cases. Storage shall be away from living accommodation.

2. *Spray for use with the Liquid Insecticide*

A soundly constructed all brass atomiser of a type suitable for spraying walls and other surfaces, the body being made from 22 G brass with a capacity of 2 pints. The nozzle, which shall have an aperture of 0·89 mms. diameter, shall be of an uncloggable type or alternatively, a type, which, when clogged, is rapidly cleared by a needle or some other method. The atomiser should be of the continuous pressure type and no parts coming into contact with the solution should be made of rubber or leather.

3. *Insecticide Powder*

(1) This shall be suitable for application to the body or clothing of infested persons *but capable of being used also as a general insecticide*. It shall consist of a fine powder containing not less than 5 per cent. of 2:2-di-(*p*-chlorophenyl)-1:1:1-trichloroethane (DDT) or not less than 0·5 per cent. of the gamma isomer of benzene hexachloride (gamma BHC) in a neutral non-hygroscopic inert base.

(2) The DDT and gamma BHC used for the formulation of the products must contain not less than 70 per cent. of the p.p-isomer and not less than 90 per cent. of the pure gamma isomer, respectively.

APPENDIX D

Specification of Oxygen Therapy Equipment for use on board Ships

1. One Boothby, Lovelace and Bulbulian with McSwiney modification B.L.B. Mask.

2. One Oxygen Flowmeter and Humidifier with water sight feed principle reading from 2/12 litres per minute.

3. One fine adjustment valve with oxygen pressure gauge, bull nosed fitting.

4. 6 feet Rubber tubing.

5. One Oxygen Universal cylinder key which provides a lever for tightening fly nut of bull nosed valve unions and spanners for the union nuts of fine adjustment valves, also gland nuts of bull nose type oxygen cylinder valves. Chromium finish.

6. The above equipment shall be contained in a hardwood carrying case including simple instructions in use of equipment.

APPENDIX E

Specification of Chloride of Lime for the Treatment of Drinking Water in Ships

1. The chloride of lime shall contain not less than 24 per cent. and not more than 26 per cent. available chlorine. It shall also contain not less than 14 per cent. of free quick lime (CaO).

2. The total water existing in all forms, consisting largely, if not entirely, of the water in combination in the form of calcium hydroxide, shall not exceed 7·5 per cent

3. The chloride of lime shall be of such stability that after passing four weeks in an oven kept at 140°F. (±2°) the percentage of available chlorine shall not decrease more than 2.

4. The chloride of lime shall be put up in ¼ lb. tins, the date of issue by the manufacturer being stamped on the base of each tin.

5. Each tin shall contain a measure, made of a material resistant to chlorine, to contain 60 grains of the powder, when full, i.e. sufficient to chlorinate approximately 200 gallons of water.

6. Each tin and contents (except the measure, which may be used again) whether partially used or not, shall be renewed within one year following the date stamped on the tin.

APPENDIX F

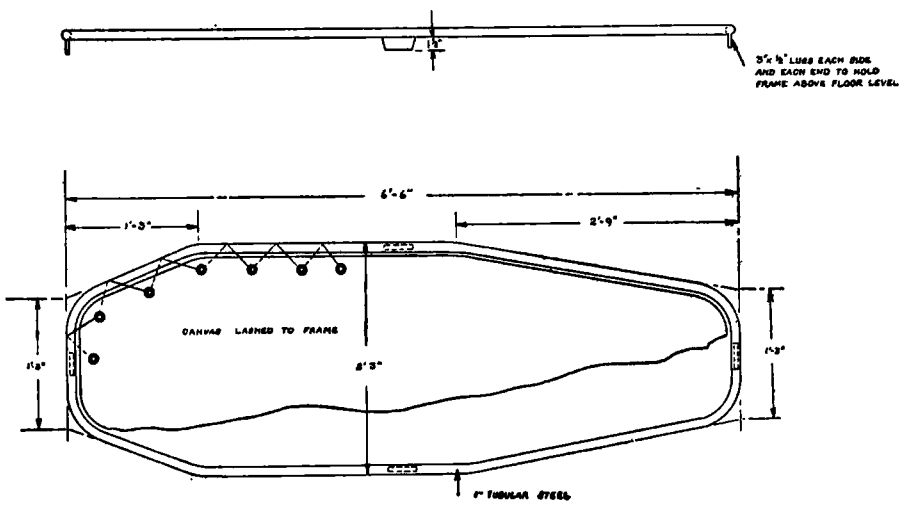
Specification of Burn and Wound Dressing—Paraffin Gauze Dressing (B.P.C.)

Each dressing shall measure approximately 3¾ in. by 3¾ in. and shall be packed in an individual envelope (the dimensions of which shall be not greater than 5½ in. square) in such a manner as to allow it to retain its even impregnation. The envelope shall be made of a suitable material, preferably not more than 50 thousandths of an inch thick, shall be impermeable to moisture, free from pin holes and shall also be grease-proof. The envelope shall be hermetically sealed and remain so under all conditions of sea transport. Thirty-six envelopes shall be packed in a suitable carton appropriately labelled, giving detailed instructions for use.

APPENDIX G

Specification of a Tubular Steel Pattern Stretcher

The stretcher shall be of the general shape shown in the following sketch and shall be formed of canvas suitably lashed to a metal frame of 1 inch diameter tubular steel. The frame shall be fitted with four metal lugs welded on, one at each end and one at the middle of each side as shown in the sketch.



EXPLANATORY NOTE

(This Note is not part of the Order, but is intended to indicate its general purport.)

This Order contains new scales of medicines and medical stores suitable for the different classes of ships and voyages referred to in the Order. These new scales supersede the scales previously issued in respect of such ships and voyages.

1953 No. 1446

The Merchant Shipping Medical Scales (Amendment) Order, 1953

Made - - - - *28th September,* 1953
Coming into Operation *1st October,* 1953

The Minister of Transport in exercise of his powers under section 200 of the Merchant Shipping Act, 1894(a), and of all other powers him enabling in that behalf hereby orders as follows:—

1.—(1) This Order shall come into operation on the 1st day of October, 1953, and may be cited as the Merchant Shipping Medical Scales (Amendment) Order, 1953.

(2) The Interpretation Act, 1889(b), shall apply to the interpretation of this Order as it applies to the interpretation of an Act of Parliament.

2. The Merchant Shipping Medical Scales Order, 1953(c), shall have effect subject to the amendments of the Schedule to that Order specified in the Schedule to this Order.

Given under the Official Seal of the Minister of Transport this 28th day of September, 1953.

(L.S.)

P. Faulkner,
An Under Secretary of the Ministry of Transport.

SCHEDULE

1. SCALE I

(1) *Under the heading "Medicines"*

(*a*) The following items shall be deleted:—

*Aether. Anaesth. (in 2 oz. amber coloured ampoules)	10 ampoules	20 ampoules	30 ampoules	40 ampoules
*Inj. Apomorph. Hydrochlor. $\frac{1}{10}$ gr. in 15 min. ampoules	6 amps.	12 amps.	18 amps.	24 amps.
Inj. Emet. Hydrochlor. 1 gr. in 1 ml. ...	12 amps.	24 amps.	36 amps.	48 amps.
*(*b*) Inj. Insulin. (in 5 ml. vials of 40 units per ml.)	4 vials	4 vials	4 vials	4 vials

(a) 57 & 58 Vict. c. 60. (b) 52 & 53 Vict. c. 63. (c) S.I. 1953/998, p. 1114 above.