

The Merchant Shipping (Medicines, Medical Stores And Appliances) Rules, 1966

UNION OF INDIA

India

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Rule

THE-MERCHANT-SHIPPING-MEDICINES-MEDICAL-STORES-AND-APPLIANCES-RULES-1966

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1894.

G.S.R. 1573, dated 7th October, 1966. - In exercise of the powers conferred by Section 172 read with Section 457 of the Merchant Shipping Act, 1958 (44 of 1958) and in supersession of all the existing rules on the subject, the Central Government hereby makes the following rules, namely :-

1. Short title, commencement and application.

(1) These rules may be called the Merchant Shipping (Medicines, Medical Stores and Appliances) Rules, 1966. (2) They shall come into force at once. (3) They shall apply to all foreign-going Indian ships and all home-trade Indian ships of two hundred tons gross or more but shall not apply to unberthed passenger ships or pilgrim ships.

2. Definitions.

- In these rules, unless the context otherwise requires :- (a) "Act" means the Merchant Shipping Act, 1958 (44 of 1958); (b) "Medical Officer" means a person possessing a degree in medicine and surgery of any recognised University and enrolled as a Medical Practitioner on the register of the Medical Council of any State and also holds a valid licence issued by the Health Officer of the port of

departure of the ship in the form prescribed under the Merchant Shipping (Carriage of Medical Officers) Rules, 1961;(c)"Official pharmacopoeia" means the Indian Pharmacopoeia (I.P.), the National Formulary of India (N.F.I.), or the British Pharmacopoeia (B.P.C.);(d)"Port health officer" means any person appointed by the Central Government either by name or by virtue of his office, to be the Health Officer of a port and includes-(i)an additional, deputy or assistant port health officer, or any officer appointed by the Central Government, either by name or by virtue of his office, to perform any of the duties of a health officer of a port;(ii)a person appointed by the Central Government under sub-section (3) of Section 172 of the Act to inspect the medicines, medical stores and appliances with which a ship is required to be provided;(e)"Schedule" means a Schedule to these rules.

3. [Scales of Medicines, etc. [Substituted by G.S.R. 1384, dated 9th October, 1972.]

(1)Every foreign-going ship which is required to carry on board a medical officer in accordance with the provisions of Section 173 of the Act shall have on board the medicines, medical instruments, appliances, dressings and general medical equipments in quantity specified in Schedule I.(2)Every foreign-going ship which is not required to carry on board a medical officer in accordance with Section 173 of the Act and every home-trade ship engaged in voyages which exceed fourteen days in either direction shall have on board, if the ship carries up to 40 persons, the medicines, medical instruments, appliances, dressings and general medical in quantity specified in sub-Column (a) of column (2) of Schedule 11 and, if the ship carries over 40 persons, in quantity specified in sub-column (b) of column (2) of the said Schedule :Provided that where a ship proceeds on a voyage exceeding six months, it shall carry double the quantities of medicines and dressing specified in sub-column (a) or, as the case maybe, sub-column (b) of column (2) of the said Schedule.(3)Every home-trade ship engaged in voyages not exceeding fourteen days in either direction, other than a ship to which sub-rule (4) applies, shall have on board the medicines, medicals instruments, appliances, dressing and general medical equipments in quantity specified in column (3) of Schedule II :Provided that any such ship which is never more than twelve hours away from a port of call may not carry on board the medicines, medical stores and appliances indicated by symbol (*) in column (3) of the said Schedule.(4)Every home-trade ship which is solely engaged in the coastal trade of India shall have on board the medicines, medical instruments, appliances, dressings and general medical equipments in quantity specified in column (4) of Schedule II.]

4. [Standards of Medicines, Instruments, Appliances, Dressings and General Medical Equipments. [Substituted by G.S.R. 1384, dated 9th October, 1972.]

- All such medicines, instruments, appliances, dressings and general medical equipments shall conform to the special requirements relating to labelling, packaging, storage, etc., specified in Schedule I or, as the case may be, in column (5) of Schedule II.]

5. Labels.

(1) All labels on containers or wrapping shall be rendered resistant to moisture by the use of an efficient label varnish or by some other suitable means. (2) All labels shall indicate---(a) both the English and the full Latin name of the preparation as given in the official pharmacopoeias; and (b) the prescribed maximum and minimum doses. (3) Each preparation shall also have a label showing thereon the name and address of the supplier. (4) The articles to be used externally only, shall have on the container or wrapping, a label bearing the words "for external use only".

6. Poisons.

- [(1) Every medicine indicated by the symbol (P) in Schedule I or indicated as "poison" in column (5) of Schedule II, shall have on its container or wrapping a label with the word "POISON" printed thereon in capital letters either in red lettering or on a red background.] [Substituted by G.S.R. 1384, dated 9th October, 1972.] (2) All such medicines shall be kept under lock and key in a separate cabinet and the key of the cabinet shall be kept in the charge of the Medical Officer, where such officer is on board, or otherwise in the charge of the master of the ship.

7. Inspection of Medicines, etc., by Port Health Officer.

(1) The medicines, medical stores and appliances on board a ship shall be inspected at least once in twelve months by the Port Health Officer. (2) If the Port Health Officer is satisfied that the provisions of these rules have been complied with, he shall give to the master of the ship a certificate in the form set out in [Schedule III] [Substituted by G.S.R. 1384, dated 9th October, 1972.].

8. Substitutes.

- If any particular item of medicine or medical store in Schedule I, II or III is not available, a substance having closely similar pharmacological action or, in the case of prescribed preparations of formulations, similar preparations or formulations which comply with the standards laid down therefor in official pharmacopoeia, may be substituted after obtaining the sanction of the Port Health Officer.

9. Exemptions.

- --(1) The Central Government may, by order in writing and upon such conditions, if any, as it may think fit to impose and for reasons to be recorded, exempt any ship from carrying on board any particular item required by these rules to be carried thereon. (2) The exemption order shall be in the form set out in [Schedule IV] [Substituted by G.S.R. 1384, dated 9th October, 1972.].

I

[See rule 3(1)]

Part I

Medicines

Sl. No.	Names of Medicines	Quantity for 100 persons (Unless otherwise mentioned)
(1)	(2)	(3)
1.	Ammonium Bicarbonate	15g.
2.	Anti-tetanus Serum (1500 units) (C)	4 ampoules/vessel.
3.	Application of Benzyl Benzoate (25%) N.F.I.	250 c.c./250 persons.
4.	Bismuth Subnitrate or Carbonate	60g.
5.	Boric Acid.	125 g.
6.	Brandy.	250 c.c.
7.	Calamine Lotion.	125 c.c./250 persons.
8.	Chloramphenicol Capsules (250 mg.) N.F.I.	100 capsules/500 persons.
9.	Chloroform (C) in amber coloured air-tight bottle (P)	500 c.c./vessel.
10.	Codeine Linctus N.F.I.	125 c.c./500 persons.
11.	Collodion Flexible (Meth) N.F.I.	50 c.c./vessel.
12.	Creosote (P).	30 c.c./vessel.
13.	Diphtheria Antitoxin each c.c. containing not less than 2000 units (C)	20000 units/vessel.
14.	Ear drops, Neomycin and Bacitracin (Ba-Sulph)	1 bottle/500 persons.
15.	Ear drops, Phenol and Amethocaine N.F.I. (P)	15 c.c./vessel.
16.	Ether anaesthetic (in amber coloured air-tight bottles) (C)	500 c.c./500 persons.
17.	Ethyl Chloride (50 g. tubes for local spray anaesthesia)	5 tubes/vessel.
18.	Eye Drops. Mild Silver Protein (1% solution in blue bottle) (L) N.F.I.	20 c.c./vessel.
19.	Glucose	500 g./vessel.
20.	Glucose for injection (25% Sol. 25 c.c.)	25 amps./vessel.
21.	Glucose for injection (5% Sol. 25 c.c.)	10 amps./vessel.
22.	Glucose saline-sterile isotonic in 500 c.c. bottle	2 bottles/vessel.
23.	Glycerine	120 c.c./vessel.
24.	Glycerine suppositories (children size) N.F.I.	12/vessel.
25.	Hydrogen Peroxide Solution (to be supplied in 125 c.c. amber	2 bottles/vessel.

- coloured sealedbottle) (C)
26. Injection ofAcetanilide group of local anaesthesia in cartridges of 2 c.c.(Xylocaine) (Lignocaine, etc.) (P) 5 cartridges/250persons.
 27. InjectionAminophylline 250 mg. in 10 c.c. ampoules I.P. 6 amps./500persons.
 28. InjectionAlropine Sulphate 0.6 mg. in 1 c.c. ampoules N.F.I. (P). 6 amps./250persons.
 29. Injection CalciumGluconate 10% in 5 c.c. ampoules I.P. 5 amps./500persons.
 30. InjectionChlorpromazine 50 mg. per ml. in 2 ml. ampoules 6 amps./vessel.
 31. Injection EmetineHydrochloride 60 mg. in 1 c.c. ampoules I.P. (P) 12 amps./250persons.
 32. InjectionEpinephrine 0.5 c.c. per ampoules I.P. (C) 3 amps./250persons.
 33. InjectionErgometrine Maleate 0.5 mg. in 1 c.c. ampoules I.P. (P) 3 amps./250persons.
 34. InjectionHydrocortisone Acetate 25 mg. per c.c. in 5 c.c. ampoules (L)N.F.I. (P) 3 amps./500persons.
 35. InjectionHyoscine Hydrobromice 0.6 mg. in 1 c.c. ampoules(L) I.P. (P) 3 amps./250persons.
 36. Injection Insulinin 5 c.c. vials of 40 units/c.c. I.P. (C) 1 vial/vessel.
 37. Injection LiverCrude in 1 c.c. ampoules I.P. (P) 5 amps./500persons.
 38. InjectionMersalyl 2 ml. ampoules 6 amps./vessel.
 39. InjectionMorphine Sulphate 10 mg. in 1 c.c. ampoules I.P. 12 amps./250persons.
 40. InjectionNikethamide in 2 c.c. ampoules N.F.I. 6 amps./250persons.
 41. InjectionNon-Adrenaline 2 ml. ampoules 6 amps./vessel.
 42. InjectionOestradiol Monobenzoate 1 mg. in 1 c.c. ampoules I.P. 5 amps./vessel.
 43. InjectionPethidine Hydrochloride 50 mg. per ml. in 2 ml. ampoules I.P.(P) 6 amps./vessel.
 44. InjectionPituitary (Posterior lobe) in 0.5 c.c. ampoules I.P. 3 amps./vessel.
 45. InjectionPhenisamine-p-amino-Salicylate (Inj. Avil) 0.05 g. per ml. in 1ml. ampoules) 6 amps./vessel.
 46. InjectionProcainamide Hydrochloride in 10 c.c. vials N.F.I. 2 vial/vessel.
 47. InjectionProcaine Hydrochloride and Epinephrine in 1 c.c. amp. (L) I.P.(P) 2 amps./vessel.
 48. InjectionProgesterone in 1 c.c. ampoules I.P. 5 amps./vessel.
 49. InjectionQuinidine Sulphate 1 ml. ampoule 6 amps./vessel.
 50. Injection QuinineDihydrochloride 300 mg. in 1 c.c. ampoules (for intravenous use)(This solution must be diluted before use with at least 10 timesits volume of sterile saline) I.P. 3 amps./vessel.
 51. InjectionThrombokinase such as Coagulen 'Ciba' 5 amps./vessel.

52.	Injection VitaminB Complex in 10 c.c. vial	1 vial/vessel.
53.	Injection VitaminB121000 mcg. per c.c. in 1 c.c. ampoules	10 amps./vessel.
54.	Injection VitaminK 10 mg in 1 c.c. ampoules	6 amps./vessel.
55.	Inecacuanha andopium powder 0.3 g. in capsules I.P.	25/vessel.
56.	Jelly, Tannicacid or Proflavine Cream B.P.C. 1959 (for burns)	250 c.c./vessel.
57.	Kaolin Light	30 g./250persons.
58.	Kaolin Poultice(Kataplasma)	250 g./500persons.
59.	Lamell AtropineSulphate 0.012 mg. (tubes of 20)(P)	2 tubes/vessel.
60.	Lamell Cocaine1.2 mg. (tubes of 20)(P)	2 tubes/vessel.
61.	Lamell Fluorescein Sodium 0.06 mg. (tubes of 20)	2 tubes/vessel.
62.	LamellPhysostigmine 0.06 mg. (tubes of 20) (P)	2 tubes/vessel.
63.	Lead Subacelate(strong solution) (P)	60 c.c.
64.	Lint CamphorCompound (P)	125 c.c./500persons.
65.	Lint MethylSalicylate	125 c.c./500persons.
66.	Lint Turpentine	125 c.c./500persons.
67.	Liquid extract ofGlycyrrhiza (Liquorice)	60 c.c.
68.	Liquid Paraffin	259 c.c./vessel.
69.	Magnesium Carb.(heavy)	60 g.
70.	Magnesium Carb.(light)	30 g.
71.	MagnesiumSulphate	500 g./250persons.
72.	MagnesiumTrisilicate	250 g./500persons.
73.	Mandi's ThroatPaint	60 c.c./500persons.
74.	Nasal drop ofEphedrine N.F.I.	30 c.c./vessel.
75.	Oil-Castor	500 c.c./500persons.
76.	Oil-Clove	20 c.c./500persons.
77.	Oil-MenthaPiperita	60 c.c./vessel.
78.	Oil-Turpentine	60 c.c./vessel.
79.	Oint. AmmoniatedMercury (2.5 %) I.P. (P)	30 g.
80.	Oint. BenzocoaineCompound (in collapsible tubes of 30 g. with applicator) N.F.I.	5 tubes/250persons.
81.	Oint. Boric acid	60 g./500persons.
82.	Oint. DithranolI.P.	60 g./250persons.
83.	Oint.Sulphathiazole incollapsible tubes of 30 g. (P)	2 tubes/500persons.
84.	Oint.Hydrocortisone (Eye) in collapsible tubes of 5 g. N.F.I. (P)	1 tube/vessel.
85.	Oint.Oxytetracycline Hydrochloride (Eye) in collapsible tubes of 5 g.N.F.I.	2 tubes/500persons.
86.		2 tubes/500persons.

Oint.Oxytetracycline Hydrochloride (Skin) in collapsible tubes
of 30g.

87. Oint. MethylSalicylate N.F.I.	60 g./250persons.
88. Oint. Zinc OxideN.F.I.	60 g./250persons.
89. OxytetracyclineCapsules (250 mg.) N.F.I.	50 capsules.
90. Paraffin Soft(Yellow).	500 g./250persons.
91. Penicillin SodiumG. Crystalline (500,000 units per vial)	10 vials.
92. PenicillinProcaine G 300,000 unit with crystalline penicillin salt 10,000units per vial (buffered) (P)	10 vials.
93. Phenol (P)	30 c.c./500persons
94. PlasmaTransfusion set with one bottle of dried plasma (a)	1 set/vessel.
95. Potassium Bromide	30 g.
96. Potassium Citrate	60g.
97. Potassium iodide	30 g./250persons.
98. Potassiumpermanganate	15 g./vessel.
99. Salicylic Acid	15g./vessel.
100. Sodium Acid	15 g./vessel.
101. Sodium Chloridesterite hypertonic solution in 500 c.c. bottle	2 bottles/vessel.
102. Sodium Chloridesterite hypertonic solution in 500 c.c. bottle	2 bottles/vessel.
103. Sodium Salicylate	125 g./250persons.
104. Solution Iodine(weak) N.F.L.	250 c.c./vessel.
105. SolutionMercurochrome 4%.	30 c.c.
106. Spirit ofAromatic Ammonia	120 c.c./250persons.
107. Spirit of NitrousEther	60 c.c./250persons.
108. Spirit Rectified	120 c.c./vessel.
109. SulphanilamideDusting Powder (P)	125 g./250persons.
110. Strong Solutionof Ammonium Acetate	60 c.c.
111. Syrup Tolu	120 c.c./250persons.
112. Tab.Acetylsalicylic acid 0.3 g. N.F.I.	100
113. Tab.Acetylsalicylic and codeine N.F.I.	100/vessel.
114. Tab. AluminiumHydroxide N.F.I.	25/250 persons.
115. Tab.Aminophylline 100 mg. N.F.I.	25/250 persons.
116. Tab. AmodiaquineHydrochloride 200 mg.. (Camoquin) or chloroquine Sulphate 200mg. N.F.I.	50/250 persons.
117. Tab. AmphetamineSulphate N.F.I. (P)	25/vessel.
118. Tab.Butobarbitone O.I.G. N.F.I. (P).	50/250 persons.
119. Tab. Calciumgluconate 1 g. N.F.I.	50/500 persons.
120. Tab. Charcoalactivated 0.5 g. N.F.I.	50/500 persons.

121. Tab.Chlorpromazine Hydrochloride 25 mg. (L) N.F.I. (P)	50/250 persons.
122. Tab.Chlorthiazide 0.5 g. N.F.I. (P)	25/500 persons.
123. Tab. CodeineCompound I.P. (L) (P)	100
124. Tab.Dexamethasone 0.5 mg.	25/vessel.
125. Tab.Di-iodohydroxyquinoline N.F.I. (L)	100
126. Tab. Digoxin 0.25mg. N.F.I. (P)	25/250 persons.
127. Tab. EphedrineHydrochloride 30 mg. I.P. (P)	25/250 persons.
128. Tab. EthyllBiscoumacelateg0.3. g. (Tromexan) I.P.	50/vessel.
129. Tab. FerrousGluconate 300 mg. N.F.I.	50/500 persons.
130. Tab. GlycerylTrinitrate 0.5 mg. I.P. (C)(L)(P).	25/vessel.
131. Tab. HyoscineHydrobromide 0.6 mg. N.F.I. (P)	50/vessel.
132. Tab. MepyramineMaleate 50 mg. or Promethazine Hydrochloride 25 mg. N.F.I. (P)	50/250 persons.
133. Tab.Oxtriphylline (Choledyl) 100 mg.	50/500 persons.
134. Tab. PethidineHydrochloride 25 mg. N.F.I. (P)	50/500 persons.
135. Tab.Phenobarbitone 30 mg. I.P. (P)	100/250 persons.
136. Tab.Phenolphthalein N.F.I.	25
137. Tab. PhthalylSulphathiazole 0.5 g. or Tab. Sulpha Succidine 0.5 g. N.F.I. (P)	200
138. Tab. PiperazineCitrate N.F.I.	100/vessel.
139. Tab. Prednisolone5 mg. N.F.I. (P)	20/250 persons.
140. Tab. Prednisone 5mg. N.F.I. (P)	20/250 persons.
141. Tab. QuinineDihydrochloride 0.3 g. N.F.I.	50/vessel.
142. Tab. Reserpine0.25 mg. (L) N.F.I. (P)	50/250 persons.
143. Tab. SodiumBicarbonate Compound I.P. (Sodamint. tablets)	60
144. Tab. SodiumChloride 1 g. N.F.I.	200/vessel.
145. Tab. Streptomycin0.5 g.	20/250 persons.
146. Tab.Sulphadimidine 0.5 g. N.F.I. (P)	100
147. Tab.Sulphadiazine 0.5 g. N.F.I. (P)	100
148. Tab. VegetableLaxative	100
149. Tab. Vitamin BComplex	100/500 persons.
150. Tab. VitaminCompound N.F.I.	100/500 persons.
151. Tinct. Aconite(P)	30 c.c./250persons.
152. Tinct Belladonna(P)	60 c.c./500persons.
153. Tinct. BenzoinCo.	120 c.c./250persons.
154. Tinct. CamphorCo.	30 c.c./250persons.
155. Tinct. CardamomCo.	30 c.c./250persons.

156. Tinct. Chloroform and Morphine Co.	60 c.c./250 persons.
157. Tinct. Digitalis(P)	30 c.c./250 persons.
158. Tinct. Gentian Co.	30 c.c./250 persons.
159. Tinct. Hyoscyamus	30 c.c./250 persons.
160. Tinct. Ipecacuanha	30 c.c./250 persons.
161. Tinct. Lobelia setheral	30 c.c./250 persons.
162. Tinct. Nux Vomica(P)	30 c.c./250 persons.
163. Tinct. Opium (P)	30 c.c./250 persons.
164. Tinct. Ammoniated Quinine	30 c.c./250 persons.
165. Tinct. Scilla	30 c.c./250 persons.
166. Tinct. Valerian Ammonia	60 c.c./vessel.
167. Vaccine Lymph(C-below 0°C)	50 c.c./vessel.
168. Vitrella(crushable glass capsules) Amyl Nitrite 5 min. N.F.I. (Not to be used after 12 months of supply)	6/vessel.
169. Water for injection in 5 c.c. ampoules I.P.	50 amps./500 persons.

Part II

Medical Stores Sundries

Sl. No.	Articles	Quantity per 250 persons
1.	Antiseptic (vide Appendix A for specification).	500 c.c. for the first 50 members, one outfit per member and one outfit for two members of the crew exceeding 50 to a maximum of 1 gross.
2.	Anti V.D. Outfit (vide Appendix B for specification)	
3.	Basin Enamelled Iron (Minimum size 20 cm. diam. by 10 cm. depth)	1
4.	Bedpan	2/500 persons.
5.	Blankets (Baby)	3/vessel.
6.	Books (The Ship Captain's Medical Guide-latest edition)	1/vessel.
7.	Bottles (a) 60 ml. (b) 180 ml.	18 36
8.	Boxes (a) Ointment	2 doz.

	(b) Pill	2 doz	
9.	Bucket with lid	1/vessel.	
10.	Corks		
	(a) To fit 60 ml.bottles	36	
	(b) To fit 180ml. bottles	72	
11.	Cups feeding,porcelain	3/vessel.	
12.	Disinfectant(Cresol or equivalent) (vide Appendix A for specification)	15 litres/500persons.	
13.	Douche Reservoir1 litre with 2 metres of best rubber tubing & stopcock	2/vessel.	
14.	Eye Baths (ofglass, porcelain or plastic which is unaffected by immersion inboiling water for 5 minutes)	3/vessel.	
15.	Eye Droppers	3/vessel.	
16.	Eye Shades	3	
17.	Finger Cots,Rubber (Assorted size)	6	
18.	Funnels (Enamel,glass or plastic) (5 cm. and 10 cm.)	2/vessel.	
19.	GelatineCapsules, empty	50/vessel.	
20.	GlovesRubber-Surgical	2 pairs/vessel.	
21.	Hot water bottles(Rubber) (20 cm. x 30 cm.) with cover	2	
22.	Ice Bag	1/vessel.	
23.	Ice Chest (if nocold storage).	1/vessel.	
24.	India RubberSheeting 1 metre wide	2 metres.	
25.	Infant's preparedMilk Food	0.5 kilograms.	
26.	Insecticide		
	(a) Liquid (videAppendix C for specification)	50 litres	
	(b) Powder	Do.	125 g.
	(c) Sprayer	Do.	2/vessel.
27.	Invalid preparedMilk Food	500 g.	
28.	Labels-Plain (inpackets of 100)	2/vessel.	
	-Poison (inpackets of 50)	1/vessel.	
29.	Measures-glassgraduated, one set consisting of two 5 ml., two 50 ml. and one100 ml. measures	1/set/vessel.	
30.	Methylated spirit(mineralised)	1/litre.	
31.	Mortar and postle	1/vessel.	
32.	Nail Brush	1/vessel.	
33.	Napkins (Baby)	1 doz./vessel.	

34.	Oxygen	1150 litres/500persons.
35.	Oxygen Therapy Outfit (vide Appendix D for specification)	1 outfit/vessel.
36.	Palette Knife (236 cm.) (of stainless steel)	1/vessel.
37.	Paper-Dispensary (White demy)	1 quire/vessel.
	Filter (in size to fit funnels)	100/vessel.
38.	Safety Pins (5cm.)	5 dozen/vessel.
39.	Safety Razor	1/vessel.
40.	Safety Razor Blades	1 dozen/vessel.
41.	Scissors Ship	1/vessel.
42.	Scales and weights	1 set/vessel.
43.	Sputum mug (with hinged lid)	3/vessel.
44.	Stabilized chloride of lime (in 100 g. sealed tins) (vide Appendix E for specification)	
	[Stretcher of Neil-Robertson type or of any other type approved by the Director-General] [Substituted by G.S.R. 546, dated 23rd March, 1967.]	1/vessel.
45.	Temperature Charts	4 dozen/vessel.
47.	Torch with one dozen battery cells	1/vessel.
48.	Urinals (both male and female)	1 each/vessel.
	Urinary testing apparatus (Rack for 6 test tubes, uinometer, spirit lamp, litmus paper, 2 pipettes, 12 test tubes, one 60 ml. bottle containing acetic acid, one 60 ml. bottle containing nitric acid, one 120ml. bottle containing Benedict's solution (qualitative))	1 set/vessel.

Part III

Medical Stores, Instruments and Appliances Irrespective of number of persons carried and length of voyages except where indicated

Articles	Quantity
A. Main instrument case, metal lined, with trays or white enamelled with glass shelves containing the following :	(For ships having 1000 persons 1 case or more on board.)
Catheters, prostatic, silver plated, sizes 6, 8 and 12	3 (1 each)
Director (hernia) (a)	1

Elevator, skull	1
Forceps (a)	12 pairs
Artery, SpencerWells, 17.5 cm.	1 pair
Aural,Cumberbatch's	1 pair
Bone, angled onflat, 17.5 cm.	1 pair
Dissecting, 17.5cm.	2 pairs
Laryngeal,Mackenzie's opening antero-posteriorly	1 pair
Tongue, Mayo'spattern, 17.5 cm.	1 pair
Gouge, RobertJone's, Arthrodesis, 6 mm.	1
Knives (a)
Blades, No. 23B.P. type	2 dozen
Handles B.P. typesuitable for No. 23 blades	2
Hernia	1
Tenotomy,sharp-pointed, Guy's pattern	1
Mallet with leadcore	1
Mouth gag,Mason's (a)	1
Needle, aneurism	1
Needle Holder 20cm. (a)	1
Retraotor, wound,double-ended, Navy-pattern, 3 cm. wide (a)	2
Saws	
Amputation, 20cm.	1
Fergusson's small(a)	1
Scissors(a)	
Blunt-pointed,17.5 cm.	1 pair
One bladessharp-pointed, and other blunt-pointed, 17.5 cm.	1 pair
Trephine, carbonsteel, 2 cm.	1 pair
Trocars andCannulae, sizes 8,16 and 21 French Catheter gauge (a)	3
B. Minorinstrument case of washable canvas containing the following :-	1 case
Director, Probepointed, 15 cm. (a)	1
Forceps-(a)	
Artery, SpencerWells, 15 cm.	2 pairs
Cheatles	1 pair
Dissecting, 15cm.	1 pair
Dressing, 15 cm.	1 pair
Sinus, 15 cm.	1 pair
Splinter 10 cm.	1 pair
Probe, with eye(silver)	1

Scalpel, 15 cm.(P)	1
Scissors--(a)	
Blunt-pointed, 15cm.	1 pair
One blades sharp-pointed, and the other blunt pointed 15 cm.	1 pair
C. Dental instrument case of washable canvas containing the following :-	1 case
Dental Syringe(a)-Cartridge type together with 1 doz. 25 mm. needles and 1 doz. 30 mm. needles	1
Elevator (a) hospital pattern, in metal handle :	
Left, stamped "Left elevator"	1
Right, stamped, "Right elevator"	1
Forceps-(a)	
Dental packing	
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
Probe-(a) Moon's single ended	1
Instrument and Appliances	
1. Airway and mouth, London Hospital pattern, (set of three)	1 set
2. Applicators, wooden	100
3. Bougies-gum elastic, sizes, 2, 4, 6 and 8	1 container
(English gauge in glass or metal container with a sprinkling of French Chalk)	
4. Catgut	
Straight intestinal needles, sizes 4 & 8, threaded	
with 00 catgut (70 cm.) in sealed glass tubes, 2 of each	4
20-day, in sealed glass tubes (70 cm.) Nos. 0, 1, 3, 6 of each	18
5. Catheters	
(i) With diverter ends, gum elastic & stilettes-1 full set together with 2 Bi-Coudees gum elastic, sizes 8 & 10. English gauge in glass or plastic cylinder or metal box with hinged lid with a sprinkling of French Chalk	1 container.
(ii) 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.
(iii) Metal-Female (a)	1
6. Diagnostic Set containing May ophthalmoscope, auroscope with three inter-changeable specule, Duplay nasal speculum, bent arm throat lamp, one	1 set.

laryngeal mirror, one post-nasal mirror, holder for wooden tongue spatula or metal tongue depressor, large battery handle and spare lamp

7. Drainage---

Tubing, rubber, in 30 cm. lengths of each nos. 5, 10 & 20 gauge 3 lengths.

Corrugated rubber sheeting, 30 cm. x 15 cm. 1 sheet.

8. Drop bottle, chloroform, 60 ml. graduated. 1

9. Dropper, ether, Bellamy Gardner's 1

10. Eye spud with covered point (a) 1

11. Flatus tube 1

12. Inhaler, Schimmelbusch 1

13. Microscope slides 6

14. Needles---

Anti-toxin, assorted sizes Record Mount 6

Hypodermic No. 15, diameter 0.6 mm., length 23 mm., Recorded Mount 1 dozen

Hypodermic No. 0, diameter 0.9 mm., length 41 mm., Record Mount 1 dozen

Drawing up (piercing end), diameter 1.83 mm., length 64 mm., Record Mount 3

Lumber puncture, 90 mm. Howard Jones, 20 B.W.G. 2

15. Shears, Plaster, Swedish pattern, Modified Lorenz's 1

16. Silk 4 sizes on metal reel 1 reel

17. Silk worm gut (assorted sizes), box containing 50 1 box.

18. Sphygmomanometer (Portable unspillable mercury type) 1

19. Splints---

Assorted thigh, leg and arm sizes 1 set.

Felt 1 sq. m.

Gooch Splinting (1 metre wide) 1 metre.

Thomas's small, medium and large 3

20. Steriliser---

Steam or electrically heated with automatic cut out (Large enough to contain mid-wifery forceps) 1

21. Stethoscope-

Binaural, complete 1

22. Stomach tube, 115 cm. (gauge 18-20) in red rubber with unbreakable funnel to fit and wooden gag 1

23. Suspensory bandages with under straps-Small 1

Medium 2

Large 2

24. Suture needles-Round bodies, cutting-edge, straight half-curved and curved, assorted sizes 3 dozen

25. Syringe-Ear,metal, 125 ml.	1
26. Syringe,Glycerin injection, with vulcanite nozzle,	15 ml.
27. Syringe,Higginso's with enema nozzle and one No. 8 jacques rubbercatheter	3
28. Syringe,Hypodermic 2 ml.	3
29. Syringe,Hypodermic 10 ml.	2
30. Syringe,Hypodermic 25 ml.	1
31. Table foroperation, metal with lithotomy crutches	1
	(legs to beprovided with suitable fitting for attachment to deck).
32.Thermometer-Clinical, in metal or plastic protective case, lensfronted, 1/2 min.	3
33. Tonguedepressors, wooden/or	100
Tonguedepressor-metal (a)	1
34. TourniquetEsmarch's or Samway's	1
35. Tracheotomyset consisting of-	
Tracheotomydouble tubes, assorted (including infant's size)	3
Trachea dilator	1
Sharp hook	1
36. Transfusionapparatus for intravenous saline	1 set
37. Tray,enamelled iron----	
25 cm. x 17.5 cm.	1
30 cm. x 25 cm.	1
Kidney shaped,250 mm.	2
38. Truss,elastic band type-Single 1 m. with retailed pad right	2
Single 1 m. withrattailed pad left	2
Double 1 m. withrattailed pad	2

Part IV

Medical Stores & Dressing %

Sl. No.	Articles	Quantity for250 persons
1.	Bandages, ElasticAdhesive 6 cm. x 3 m. (Unstretched) (In metal containers)	2 containers
2.	Bandages, Plasterof Paris 7.5 cm. x 3 m. (In sealed containers)	6 containers

3.	Bandages, Triangular-not less than 1 m. (side, 1.25 m. base)	6
4.	Bandages, unbleached Calico 15 cm. x 6 m.	6
5.	W.O.W. 2.5 cm. x 3 m.	18
6.	W.O. W. 5 cm. x 4m.	18
7.	W.O.W. 7.5 cm. x 4 m.	18
8.	Cotton Wool-60 g. 20 cm. wide (rolled in packets)	8 packets
9.	Cotton Wool-250g. 30 cm. wide (rolled in packets)	1 packet.
10.	Dressings, Paraffin Gauze (B.P.C.) for burn and wound vide Appendix F.	3 cartons.
11.	Dressings, Plain Wound Standard No. 13 small (B.P.C.) 10 cm. x 7.5 cm.	6
12.	Dressings, Plain Wound Standard No. 14 Medium (B.P.C.) 15 cm. x 10 cm.	6
13.	Dressings, Plain Wound Standard No. 15 large (B.P.C.) 20 an. x 15 cm.	6
14.	Flannel	2 sq. metres.
15.	Gauze, Absorbent Sterilised 1 m. x 15 cm.	9 packets.
16.	Gauze, Absorbent Sterilised 1m. x 30 cm.	9 packets.
17.	Gauze, Absorbent Sterilised 1m. x 1 cm.	9 packets.
18.	Gauze Absorbent, Ribbon 2.5 cm. x 6 metres	1 roll.
19.	Gauze and Cotton Tissues	0.5 kg.
20.	Jaconet 1 m. x 2m.	1/vessel.
21.	Lint Absorbent Sterilised 15 cm. x 30 cm.	18 packets.
22.	Lint Absorbent Sterilised 30 cm. x 30 cm.	9 packets.
23.	Lint Boric 5 cm. x 15 cm.	9 packets.
24.	Lint Boric 15 cm. x 30 cm.	12 packets.
25.	Plaster, Zinc Oxide 1.25 cm. x 5 metres (to be supplied on a spool)	1 spool.
26.	Plaster, Zinc Oxide 2.5 cm. x 5 metres (to be supplied on a spool)	1 spool.
27.	Plaster, Zinc Oxide 7.5 cm. x 5 metres (to be supplied on a spool)	1 spool.
28.	Sterilised Dressings etc. for major operation consisting of --	1/vessel having -- 1000 persons or more on board.

(i) 2 rolls of white absorbent gauze, each 1m. x 6 m. folded 20 cm. wide before rolling.

(ii) 6 absorbent gauze pads (twelve thicknesses of gauze) 25 cm. x 50 cm. The whole of the dressings to be wrapped in grease proof paper, sterilised and encased in one or two hermetically sealed metal containers and labelled "Sterilised dressings for major operation."

(iii) 5 dozen gauze, swabs 15 cm. x 15 cm. (twelve thicknesses of gauze stitched at edges) packed in dozens

(iv) 1 many tail calico bandage
(v) 2 bandages 12.5 cm. x 6 m. white open weave

(vi) 1 packet safety pins

(vii) 8 surgical towels 1m. x 0.5 m.

(viii) 2 Surgeon's caps

(ix) 2 gowns

(x) 2 surgical masks

29. Unbleached Calico 1m. x 3m. 1/vessel.

*For external use. Liquid shall be supplied in green or amber coloured fluted bottles. (C)-to be stored in cold storage between 1°C and 10°C unless otherwise indicated; (L)-to be protected from light. (P)-Poison; I.P. - Indian Pharmacopoeia; N.F.I. - National Formulary of India B.P.C. - British Pharmaceutical Code. (a)-should be of rustless and stainless steel. **The number of tins to be carried shall be calculated on the amount of stabilised chloride of lime required to produce a concentration of 1 part per million parts of water in the largest fresh water tank in the ship. (One 100 g. tin will be required for approximately 22700 litres of water) Stabilised chloride of lime need not be carried if a vessel is equipped with an efficient chlorinating plant. %Each bandage cotton wool, dressing, gauze and lint is to be individually wrapped and duly labelled with measurements indicated on the label. Note. - Wherever the quantity of medicines etc. is required to be carried for certain number of persons, the quantity shall be doubled as soon as the number is exceeded and trebled as soon as double the prescribed number is exceeded and so on.

II

[See rule 3(2), (3) and (4) and rule 4.]

Description of medicine, medical instruments, medical appliances, dressing and general medical equipment.	Minimum quantity to be carried on board	Minimum quantity to be carried on board	Minimum quantity to be carried on board	Special requirements regarding labelling, packaging

	by ships to which rule 3 (2) applies.	by ships to which rule 3(3) applies.	by ships to which rule 3(4) applies.	and storage.
(a) For ships carrying up to 40 persons on board	(b) For ships carrying over 40 persons on board.			
(1)		(2)	(3)	(4)
1. Aqua pro.injectionous (water for Injection)	56	112	31	25
2.Applic. Benzyl Benzoate (Benzyl Benzoate application)ANTI-SCABIESLOTION	250 ml.	500 ml.	250 ml.	-
3. Auristillaeglyceris (Glycerine ear drops) (EAR DROPS)	30 ml.	60 ml.	30 ml.	-
4.Auristillae Neomycine Sulphas Cum Bacitricum (Ear drops Neomycineand Bactiracine)ANTISEPTIC EARDROPS	1 Phial	1 Phial	1 Phial	-
5. Capsule amylitnitris (amylnitrite capsules)	6	6	6	---
6. Capsulaetetracycline hydrochloride (Tetracycline hydrochloride capsules)	80	160	80(*)	----
7.Compressi acidiacetylsalicylici (Acetylsalicylic acid tablets)ASPIRIM CAPSULES	250	500	200	100
8. Compressiaminophyllini 20 (Aminophylline tablets) AMINOPHYLLINE TABLETS	20	40	20(*)	-----

9. Compressi Bellad. et Phenobard. (Belladonna Tablets) ANTI SPASMODIC TABLETS.	20	50	20	10	Each tablet contains 1 mg. of Belladonna Extract and 10 mg. of Phenobarbital. Should be kept in a light-resistant container.
10. Compressi Butobarbitali	40	80	20(*)	-----	Each tablet contains 20 mg. of Butobarbital. Should be kept in a light-resistant container.
11. Compressi chloroquini sulfatis (Chloroquine sulfate tablets) MALARIA TABLETS	300	500	100(*) (Only for ships operating in malarious areas)	-----	Each tablet contains 250 mg. of Chloroquine sulfate. Should be kept in a light-resistant container.
12. Compressi chlorothiazidi ((Chlorothiazide tablets))	20	40	20(*)	--	Each tablet contains 50 mg. of Chlorothiazide. Should be kept in a light-resistant container.
13. Compressi chloromazini hydrochloridi (Chlorpromazine hydrochloride tablets) TRANQUILLIZING TABLETS	20	40	20(*)	-----	Each tablet contains 25 mg. of Chlorpromazine hydrochloride. Should be kept in a light-resistant container.
14. Compressi codeine phosphatis (Codeine phosphate tablets) CODEINE TABLETS	200	300	100	40	Each tablet contains 10 mg. of Codeine phosphate. Should be kept in a light-resistant container.
15. Compressi colocynthis et jalapae co. (Compound colocynthis and jalap tablets) VEGETABLE LAXATIVE	100	200	40	----	Each tablet contains 10 mg. of Compound colocynthis extract and 10 mg. of Jalap resin.

16.Compressi digozini(DIGOZIN TABLETS)	20	20	20	-----
17.Hydroxyquinolin (Tablets of Di-Iodo-Hydroxyquinoline)DYSENTARY TABLETS	100	250	50	25
18.Compressiephedrinehydrochloridi (Ephedrine hydrochloride tablets)EPHEDRINE TABLETS	60	100	40	20
19.Compressi glycerylis trinitratis Glyceryl (trinitrate tablets)HEART TABLETS	20	40	20	-----
20.Compressi HyosciniHydrobromidi(Hyoscine hydrobromide tablets)SEASICKNESS TABLETS	100	200	50	50
21. CompressiKalii permanganatis (Potassium permanganate tablets)	50	100	20	20
22.Compressi magnesii trisilicatis (Magnesium trisilicate tablets)STOMACH TABLETS	250	500	100	100

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23. Compressi natrii chloridi solv. (Sodium chloride tablets) SALT TABLETS	1,000	2,000	500	250
24. Ccompressi phenobarbitali (Phenobarhitone tablets) PHENOBARBITONE TABLETS	50	100	40	20
25. Compressi Phthalysul phasthiazole. (Tablets of Phthalysulphathiazole) DIARRHOEA TABLETS	100	250	100	50
26. Compressi phenoxymethyl pencillin (Phenoxymethyl penicillin tablets) PENCILLIN	300	600	120	60
27. Compressi proguanili hydrochloridi (Proguanil hydrochloride tablets)	100	200	100 (Only for ships operating in malarious areas)	100
28. Compressi promethazini hydrochloridi (Promethazine hydrochloride tablets) ANTIHISTAMINE TABLETS	40	60	40	20
29. Compressi Sulfadimidini (Sulfadimidine tablets) SULFONAMIDE TABLETS	200	400	100	-

30. CompressiSulfamethoxy pyridazine (Sulfamethoxy pyridazine tablets) SMPTABLETS	300	600	100	----
31. Conpersusdicophani (DDT dusting powder) INSECTICIDE POWDER.	500 g	1000 g	250 g (*)	-----
32. Conpersuszinci, amyli, ettalci (Dusting powder of zinc, starch, and talc).ZINC DUSTING POWDER	150 g	250 g	150 g	-----
33. Conpersuszinci undercenoatis Dusting powder of zinc underceomate RING WORMPOWDER	120 g	250 g	120 g(*)	----
34. Dimethylisphithalas (Dimethyl phthalate) INSECT REPELLENT	ONE bottle per crew member	To be carried on all vessels proceeding to malarious ports. The supply per individual should be considered adequate		

effects (Supply of distribution Label "I Each tablet sulfamethoxypyridazine Supply of distinct "POISON A white for application persons clothing and clothes to destroy infestation and mites for use of insufflation A white of 25% starch, (quantity "External A powder 500 g. s underceomate g. underceomate pumilo g. lightk

			for seven days. To be increased if the vessel remains longer in a malarious area. 50-ml. bottle. Label "External Use".		
35. Guttae siilfacetamidi (Sulfacetamide eye drops) ANTISEPTIC EYEDROPS	30 ml.	60 ml.	30 ml. (*)	30 ml.	
36. Guttaeteracainaer (Tetracaine eye drops) ANAESTHETIC EYE DROPS	30 ml.	30 ml.	30 ml.	30 ml.	
37. Injectioadrenalini (Adrenaline injection) ADRENALINE INJECTION	5	5	5(*)	3	
38. Injectio Atropinas Sulphas (Injection of Atropine Sulphate) ATROPINE INJECTION	6	12	6	---	
39. Injectio benzylpenicilline (Procaine penicillin G. Injection) PENCILLIN INJECTION	50	100	25(*)	25	

A solution of sulfacetamide 10% for use in bottles of design v. A solution of hydrochloric drops. S. distinct dropper "External Use". Each ampoule contains 5 mg. adrenaline. "Ampoules" used on the advice of a physician. Should be used in 0.5 mg. Sulphate injection. Each ampoule contains 100 international units of procaine penicillin G. Sterile solution in water or saline. Antibiotic similar to penicillin (to be labelled as such).

40. Injctiomorphini sulfatis (Morphine sulfate injection)	10	20	5	2
41. InjctioNikethamid. (Injection of Nikethamide) CORAMINE INJECTION	3	6	3	3
42. Injctionatrii chloridi (Sodium chloride injection) NORMAL SALINEINJECTION	4	6	4(*)	-----
43. Injctiostreptomycini sulfatis (Streptomycin sulfate injection)STREPTOMYCIN INJECTION	6	12	6(*)	-----
44. Injctiotetracyclini hydrochloridi (Tetracycline hydrochloridi injection)TETRACYCLINE INJECTION	6	12	3	-----
45. Linctusscillae opiates (Linctus of squill, opiate). COUGH LINCTUS	500ml	1000ml	250ml	250ml
46. Linimentummethylis salicylatis Methyl salicylate liniment	250ml	500ml	250ml(*)	-----
47. Liqi. PlumbiSubacet at. fat. (Strong Solution of Lead) Subacetate SPRAINLOTION	120ml	120ml	60ml	60ml

48. LotioCalaminae (Calamine Lotion) CALAMINE LOTION	500ml	1000ml	250ml	250ml	98 ml. of before use Supply of distinct "Extern
49. Lotiocetrimidi (Cetrimide lotion) ANTISEPTIC SOLUTION	500ml	1000ml	250ml	250ml	A soluti in water Supply of of distinc Label "E
50. Magnesiihydromidum (Magnesium hydroxide mixture) LIQUID LAXATIVE	500ml	1000ml	250ml	250ml	A mixtur by weigh hydroxi peppern
51. (Kaolin andmorphine mixture) Naristillae ephedrinae drine DIARRHOEA MIXTURE	250ml	500ml	250ml(*)	-	A mixtur 2000 m mg. sod 0.75ml. morphi to 15 ml A soluti of norep hydroch nasal dr bottle of with dro "Extern
52. Naristillaeephedrinae drine (Ephedrine nose drops) NOSE DROPS	30ml	60ml	30ml	-	
53. Natrlibicarbonates (Sodium bicarbonate)	125g	250g	125g	-	
54. Oleum arachis(Arachis oil)	250ml	500ml	250ml	-	Oleum o may be alternat
55. Oleumcaryophylli (Oil of cloves) TOOTH ANAESTHETIC	30ml	30ml	30ml	-	Supply bottle o design I "Extern
56. Paraffinummolle flavum (Yellow soft paraffin) SOFT PARAFFIN	125g	250g	125g	125g	
57. Pasta Acid.Taa (Tannic Acid Jelly) BURN OINTMENT	2 tubes	4 tubes	2 tubes	1 tubes	To be su sible tub gm. of t
58. Tincturebenzoini Composita (Tincture of benzoin compound) INHALATIONMIXTURE.	100ml	200ml	100ml(*)	-	A mixtur crushed

59. Unguentum acidi benzoici Compositum (Compound benzoic acid ointment) WHITFIELD'S OINTMENT	100g	200g	100g(*)	-
60. Unguentum bacitracini (Bacitracin ointment) ANTIBIOTIC OINTMENT	120g	240g	60g	60g
61. Unguentum benzociani Compositum (Compound benzocaine ointment) HAEMORRHOID OINTMENT	120g	180g	120g	---
62. Unguentum gamma benzeni hexachloride (Gamma benzene hexachloride ointment) ANTISCABIES OINTMENT	150g	300g	150g	-
63. Unguentum xylocaini hydrochloride (Xylocaine ointment) LOCAL ANAESTHETIC OINTMENT	60g	120g	30g(*)	30g
64. Unguentum zinc oxidi (Zinc oxide ointment) ZINC OINTMENT	200g	400g	100g	100g

Instruments

1. Eyespud with covered point	1	1	-	-	To be made of stainless steel.
2. Forceps : dental packing	1	1	1	-	To be made of stainless steel.
3. Forceps : dissecting	2	2	1	-	To be made of stainless steel.
4. Forceps : homostatic.	2	2	1	1	To be made of stainless steel, length 15cm.
5. Forceps : sinus	1	1	1	-	To be made of stainless steel, length 15cm.
6. Forceps : splinter	1	1	1	-	To be made of stainless steel, with wide oblique ends.

7. Scalpel :handle	1	1	1	-	No. 3 handle,Suitable for standard scalpel blades.
8. Scalpel :blades	6	6	6	-	No. 10 or No. 11blades. To be made ofstainless steel, one blade sharp pointed the other blunt-pointed.Length 15 cm.
9. Scissors	1	1	1	1	Lens-fronted,stubby-end, half-minute thermometer with metal or plastic cases.
10. Thermometer.	3	6	2	2	
11. Canvas rollfor above instruments	1	1	1	-	
12. Applicators	50	50	25	25	To be made ofwood.
13. Artificial airway	1	2	1	1	For mouth-to-mouthbreathing.
14. Injectionsyringe : 2 ml	2	2	-	-	Both syringes :glass body with metal plunger and nozzle for standard needles.
15. Injectionsyringe : 5 ml	2	4	1	1	Supplied in metalcase.
16. Injectionneedles : hypodermic diameter 6.1 length 25 mm.	10	20	6	6	Alternatively,complete disposable syringes, in which case the quantitiesindicated here for the needles will apply to each size ofsyrrings.
17. Injectionneedles Intramuscular diameter 10 8, length 40 mm.	10	20	6	6	
18. Lueradaptorsfor syringe.	1	1	-	-	For use withhypodermic syringes to enable any type of needle to be used.
19. Tonguedepressors	30	60	20	20	To be made ofwood.
20. Catheter sets:olivary ends.	1	1	1	-	Set : size : 6,10, 14 F or 3, 5, 7 U.K.
21. Catheter sets:soft rubber	1	1	1	-	One of eachtogether with striletres in a closed glass or plastic cylinderwith a sprinkling of powered talc; or a number of

					disposable plastic catheters in the same sizes.
					It consists of graduated funnel, rubber tubing 1 metre long with control clamp attached, connexion and rubber catheter. Supply in a box plainly labelled "FOR ENEMA USE ONLY".
22. Enema kit.	1	1	1	-	Standard rubber or plastic 1m. long and fitted with plastic funnel. Tube to bear a mark indicating when it has reached the stomach.
23. Stomach tube	1	1	1	-	
Appliances					
24. Splints :common set	1	1	1	1	Wooden splints. Suitable for fractures of limbs and hands.
25. Splints:serrated, of Gooch type	1	1	1	-	A sheet of split 1m. x 1 m.
26. Splints :thigh, wooden.	1	1	1	-	Largest size.
27. Splints: metal set	1	1	1	-	Metal with padded ring, One set of three.
28. Splint :Thomas	1	1	1	1	Esmarch or Samway's type.
29. Tourniquet	1	1	1	-	
30. Truss : single right pad.	1	1	1	-	Elastic band types with adjustable buckles. The bands to be not less than 1m. in length.
31. Truss : single left pad	1	1	1	-	
32. Truss : double pads	1	1	1	-	
33. Ligatures, catgut	3	5	2	-	In sealed glass tubes sterilized with a fracture scratch and directions for breaking the tube.
34. Sutures with needles	4	8	2	-	Sutures of nylon or silk fitted to eye-less needles a cutting edge. in sterile sealed glass tubes

					with fracture scratch and directions for breaking tube. Half to be straight needles, half to be curved.
35. Suture strips, non-stitch	24	48	12	12	Size 2.5 x 50 cm. Butterfly or dumb-bell shape for drawing superficial wounds together in sterile sealed packet.
36. Suspensor bandages with understraps	2	4	2	2	Half to be of medium size and half to be of large size.
Dressing					
37. Adhesive elastic bandage, box	2	4	2(*)	2	5 cm. x 1 m. Supply in a metal container.
38. Adhesive plaster : small	1	2	1	1	Zinc oxide plaster. Supply on a spoon. 2.5 cm. x 1 m.
39. Adhesive plaster : large	1	2	1	-	7.5 cm. x 1.5 m. Zinc oxide plaster. Supply on a spoon.
40. Bandage crepe	4	6	2	2	7.5 cm. x 1.5 m. Each separately wrapped with size on label.
41. Bandage roll, gauze, open weave small	10	20	10	-	
42. Bandage roll, gauze, open weave medium	10	20	10	10	Each separately wrapped with size on label.
43. Bandage roll, gauze, open weave large	10	20	20	10	
44. Bandage triangle	4	8	2	2	1 x 1 x 1.3 m. Each separately wrapped with size on label.
45. Burn and wound dressing, box	5	10	3	3	10 x 10 cm. Sterile bleached cotton of ray on cloth even impregnated with yellow soft paraffin, in a polythene envelope hermetically sealed and free from moisture. Ten envelopes per box.
46. Dressing, adhesive strip	1	2	1	1	6 cm. x 1 m. in a sterile packet.
47. First aid/emergency dressing : small	3	6	3	3	7.5 x 10 cm. pad, 5 cm. x 3 m. bandage.

48. Firstaid/emergency dressings : medium	3	6	3	3	10 x 15 cm. pad 5cm. x 3 m. bandage.
49. Firstaid/emergency dressings : large	3	6	3	3	15 x 20 cm. pad, 7.5 cm x 4 m. bandage.

Additional information

for 47, 48

and 49

above.

Pad : cotton

wooden closed

in

absorbent

gauze.

Bandage

: open-weave

gauze with

pad

switched to

30 cm.

from one

end.

Pad to be

folded

length wise

with the

surface of

the

dressings on

the inside

and the

rolled end of

bandage on

the outside.

Free end

of bandage

to be

wound

round the

rolled

end of the

pad.

sterilized separately

sealed

wrappers.
Label with
size of pad
and
following instructions
: "Unwind
short
length of
bandage,
straighten pad
by pulling
on ends of
bandage.
Apply pad
to wound
without touching
it. Bandage
firmly.

50. Gauze, plain sterile : small	5	10	5	5	30 cm x m.	Supply in separate packet and label with size and name of item.
51. Gauze, plain sterile : large	10	10	3	-	1 x 1 m.	
52. Gauze, absorbent ribbon	1	2	1	1	2.5 cm x 3 m.	
53. Jaconet or equivalent	1	1	1	-	Bleached cotton cloth waterproofed in one side.	Supply in separate packet and label with size and name of item.
54. Lint, absorbent cotton : small	5	10	3	3	15 x 30 cm	
55. Lint absorbent cotton : large					30 x 30 cm	
56. Rolls of cotton wool : small.	10	20	10	5	20 cm wide, 50g.	
57. Rolls of cotton wool : large	1	2	1	1	30 cm wide 200g.	

58. First aid satchel	1	1	1	1	<p>A canvas bag with a strap containing : bandages, crept : 6 bandages, triangle : 4 small 2 medium 1 large 1 roll of cotton wool, large. 6 safety pins medium 1 artificial airway.</p> <p>first aid/emergency dressings</p>
General medical equipment					
59. Basins : round	1	1	1	1	White enamelled iron, aluminium or plastic, not less than 20 cm. diameter and 10 cm. depth. Inscribed "MEDICAL".
60. Basin : Kidney	1	1	1	-	White enamelled iron, aluminium iron, aluminium or plastic, length 25 cm.
61. Bed-pan	1	1	1	-	White enamelled iron, large size.
62. Eye bath	1	2	1	1	Made of glass or plastic that is not affected by boiling.
63. Eye droppers	3	6	3	2	Made of glass or plastic that is not affected by boiling.
64. Eye shades	3	6	3	2	
65. Feeding cup	1	2	1	-	Made of porcelain or plastic that is not effected by boiling.
66. Finger stalls	3	6	6	4	Assorted sizes, leather, or larger quantities if disposable type.
67. Hot water bottles	2	2	1	1	Rubber, with covers.
68. Ice bags	1	2	1	-	For lowering temperature.
69. Measuring glass : small	2	2	1	1	Graduated in ml. or in minims and drachms.
70. Measuring glass : large	2	2	1	1	Graduated in ml. and spoonful doses, or in drachms ounces and spoonful doses.

71. Microscopeslides	3	6	3(*)	-	
72. Rubbersheeting	1	-	1(*)	1	Size 1 x 2 in.rolled on a wooden core.
73. Safety pins	15	30	15	15	Size 5 cm. mountedon a card or cards.
74. Sputum pot :disposable or	20	30	10	-	Waxed card boardwith a twist-on lid, wide base and height not less than 5 cm.
75. Sputum pot :non-disposable	1	1	1	-	Enamelled ironwith close-fitting hinged lid.
76. Sterilizer	1	1	1	-	Size not less than17.5 x 5 x 0.5 cm.
77. Stretcher	1	1	1	1	Neil Robertson type or equivalent.
78. Surgicalgloves. pairs 2		4	2	-	Large size,roughened rubber.
79. Temperaturecharts	5	10	5	-	Four-hourly chartcombing temperature pulse and respiration.
80. Urine bottle	1	1	1	1	Enamelled iron orplastic, with handle.
81. Urinctestpapers : combined strips albumin/Sugar	2	2	1(*)	-	Container withclose-fetting screw capof metalstrips together with suitable desiccant (silicagel) Renew after 12 months or earlier if colourchanges are noticed Label "Combined testing strip foralbumin and sugar".
82. Salt testpaper.	2	2	1(*)	-	Booklets of 20test papers impregnated with silver salt profted from light.Label "Salt in urine test papers. K. survey from light"
83. Bottles :dispensing small	6	12	5(*)	-	60 ml. bottleswith screw caps. Marked at 4 ml. 1 (teaspoonful)
84. Bottles :dispensing large	6	12	5(*)	-	180 ml. bottleswith screw caps. Marked at 4 ml. 1 (teaspoonful)

85. Bottles :poison	5	10	3(*)	-	60 ml. bottles of distinctive design.
86. Dispensing envelopes	100	100	50	-	Small size.
87. Palette knife	1	1	1	-	For dispensing ointments.
88. Ointment boxes	15	20	6	-	For dispensing ointments. Either chipwood boxes stacked in nests of three, or tins of 15g.
89. Labels : plain	100	100	100	-	
90. Labels :poison	50	50	50	-	
91. Concentrated antiseptic	500 ml.	1 litre	500 ml.	250 ml.	A solution of centrimide 20% in water or equivalent Label "Concentrated antiseptic lotion" together with full instructions for use. The recommended dilutions to be suitable for the purposes specified. Supply in sealed and dated tins with instructions. The minimum amount to be carried is to be calculated on the amount of stabilized chloride of lime or its equivalent necessary to chlorinate the ship's largest fresh water tank so as to produce concentration of one part of free chlorine in one million parts of water.
92. Chloride of lime					
93. Dilute alcohol.	250 ml.	500 ml.	200 ml. (*)	200 ml.	70%. Supply in bottle of distinctive design and label "External use" Alternatively, surgical spirit may be supplied.
94. Disinfectant	2 litres	4 litres	1 litres	1 litres	Supply in bottle of distinctive design and label Disinfectant together with full instructions for use. The

					recommended dilutions to be suitable for the purpose specified. (To consist of a white fluid in a finely dispersed stabilized emulsion containing coal tar acids or other phenolic bodies with or without hydrocarbons).
					Only if sterilizer is heated by a spirit lamp. Supply in bottle of distinctive design, Label "POISON".
95. Methylated Spirit	500 ml.	1 litre	500 ml.	-	

96. International Medical Guide for Ships	1	1	1	1	
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97. World Directory of Venereal Diseases : Treatment Centres at ports. Published by the World Health Organisation.	1	1	1	-	
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Note.- In the Schedule, symbol (*) denotes that the items in the relevant column need not be carried on board a ship which is never away for more than twelve hours from a port of call.

III

[See rule 3(3)]

Part I – Medicines

Note. - Foot notes at end of Schedule 1 are equally applicable to symbols occurring in this schedule.

Serial No.	Name of Medicine	Quantity for ship
1.	Acid Boric Eye Lotion N.F.I.	120 c.c.
2.	Benzyl Bezoate-Application (25%). N.M.	250 c.c.

3.	Condeine Linctus N.F.I.	120 c.c.
4.	Epsom Salt in packets (Mag. Sulph) 30 g. each.	16 packets.
5.	Eye Drops of Cocaine and Mercuric Chloride *(P)	30 c.c.
6.	Lint Methyl Salicylate	250 c.c.
7.	Liq. Plumbi-subacetate Fortis *(P)	120 c.c.
8.	Lotion of Calamine*	125 c.c.
9.	Magnesium Carbonate (Heavy)	600 g.
10.	Oil of Cloves	15 c.c.
11.	Ointment of Benzocaine compound (Whitfield's ointment)	60 g.
12.	Ointment of Benzoic acid Cocina collapsible tube of 30.g with applicator	2 tubes.
13.	Ointment of Zinc Oxide	60 g
14.	Paraffin Mollae Plavum (Yellow Soft Paraffin)	120 g.
15.	Potassium Permanganate	60 g.
16.	Solution Mercurochrome for small dressing 2%(P)*	60 c.c.
17.	Spt. of Aromatic Ammonia	60 c.c.
18.	Tablets of Acid Acetylsalicyl (0.3g.) I.P.	200 tablets.
19.	Tablets of Amphetamine Sulphate. N.EI(P)	25 tablets.
20.	Tablets of Butobarbitone (100 mg.)(P)	12 tablets.
21.	Tablets of Chloroquine Sulphate 200 mg. Amodiaquine Hydrochloride 200 mg. N.F.I.	50 tablets.
22.	Tablets of Codeine Co. (P)	50 tablets.
23.	Tablets of Di-iodohydroxy quinoline. N.F.I. (L).	100 tablets.
24.	Tablets of Ephedrine Hydrochloride 30 mg.(IP)	25 tablets.
25.	Tablets of Glyceryl Trinitrate 0.5 mg. (IP.)(P)(C) (L)	25 tablets.
26.	Tablets of Hyoscine Hydrobromide 0.6 mg. N.F.I.(P)	25 tablets.
27.	Tablets of Mepyramine Maleate 50 mg. N.F.I.(P)	25 tablets.
28.	Tablets of Mercurous Chloride 10 mg.	25 tablets.
29.	Tablets of Pethidine Hydrochloride (50 mg.) (IP). (P)	20 tablets.
30.	Tablets of Phthalyl Sulphathiazole (P)	200 tablets.
31.	Tablets of Soda Bicarb Co. (Soda Mint Tablets)	30 tablets.
32.	Tablets of Sodium Chloride 1g. N.F.I.	100 tablets.
33.	Tablets of Spasmodon Belladenol or Atropine or Substitute	20 tablets.
34.	Tablets of Sulphadimidine (0.5g.) I.P. (P)	100 tablets.
35.	Tablets of Vegetable Laxative	200 tablets.
36.	Tannic Acid Jelly (in Collapsible tube of 60 g.)	2 tubes.
37.	Tincture of Belladonna (P)	30 c.c.

38.	Tincture of Benzoin Co. (P)	60 c.c.
39.	Tincture Iodine(P)	120 c.c.
40.	Tincture Opii (P)	60 c.c.

Part II – Medical Stores

Appliances, Dressings Instruments and Sundries

Serial No.	Name of Articles	Scale
1.	Adhesive Plaster 2.5 cm. x 3 metres.	2 spools
2.	Antiseptic (for specification vide Appendix A)	1 litre.
3.	Bandages-Triangular-not less than 1 m. side and 1.25 m. base.	3
4.	Bandages-White Open Wove, 2.5 cm. x 3 metres	12
5.	Bandages-White Open Wove, 7.5 cm. x 4 metres	6
6.	Basin Enamelled White 20 cm. diameter x 10 cm. depth	1
7.	Bed Pan (large size)	1
8.	Bleaching Powder (in 100 g. tins)	10 tins
9.	Bottle with corks (180 ml. each).	6
10.	Boxes for Ointment	12
11.	Catheters Jacques rubber-sizes 3, 5 and 7-one of each to be supplied in a glass, plastic or metal container	1 set
12.	Cotton Wool (15g. 6 cm. wide) (rolled in packet)	4 packets
13.	Cotton Wool (30g. 10 cm. wide) (rolled in packet)	4 packets
14.	Disinfectant (cresol or equivalent) (for specifications vide Appendix A)	2 litres
15.	Dressings-Sterilised No. 13 small B.P.C. Plain wound dressing 10 cm. x 7.5 cm.	1 dozen
16.	Dressings-Sterilised No. 14 medium B.P.C. Plain wound dressing 15 cm. x 10 cm.	1 dozen
17.	Dressings-Sterilised No. 15 large B.P.C. Plain wound dressing 20 cm. x 15 cm.	1 dozen
18.	Droppers	2
19.	Enema Can. 1 litre with 2 m. rubber tube and nozzle	1
20.	Eye Bath (glass or porcelain)	1
21.	Eye Shades (cardboard)	4
22.	Eye Spud with covered point (a)	1
23.	Fingerstalls-leather (assorted size)	6
24.	Forceps-Artery 12.5 cm. (a)	1 pair
25.	Forceps-Epilation (a) with oblique ends for removal of splinters	1 pair
26.	Gauze, Absorbent sterilised (1 m x 30 cm.)	2 packets.
27.	Hot Water Bottles (Rubber) 30 cm. x 20 cm. - with cover	2

28.	India rubbersheeting (1m. x 2 m.)	1
29.	Insecticideliquid (vide Appendix C)	10 litres.
30.	InsecticideSprayer (for specifications vide Appendix C)	1
31.	Kidney tray(Enamelled iron-25 cm.)	1
32.	Lint, AbsorbentSterilised (15 cm. x 30 cm.)	4 packets.
33.	Measuring Glass 5ml.	2
34.	Measuring Glass50 ml.	2
35.	Safety pins(Brass-plated)	1 dozen
36.	Scissors 17.5 cm.(a) (one blade sharp pointed and the other blunt pointed)	1
37.	Ship Captain'sMedical Guide (latest edition)	1
38.	Splints-assorted,thigh, leg and arm sizes	1 set
39.	Spuntum mug withhinged lid	3
40.	[Stretcher ofNeil-Robertson type or of any other type approved by theDirector General] [Substituted by G.S.R. 546, dated 23rd March, 1967.]	1
41.	Thermometer(Clinical)	2
42.	Tourniquet,Esmarchs or Samways	1
43.	Urine Bottles	2
	National Emblem	

FORM
'A'

Issued by theGovernment

IV

[See rule 7(2)]Certificate of Inspection of Medicines, Medical Stores, etc.Certified that I have this day inspected the medicines, medical stores and appliances on board S.S./M.V and I am satisfied that they comply with the requirements laid down in the Merchant Shipping (Medicines, Medical Stores and Appliances) Rules, 1966.....(Name of Port)Dated the day of 19(Signature).....(Designation)NOTE. - This certificate shall be valid for a period of one year unless revoked at some earlier date by the Issuing Authority.National EmblemForm 'B'Issued by the Government of India

V

[See rule 9 (2)]Government Of IndiaMinistry OfCertificate of ExemptionThe S.S./M.V is hereby exempted from the requirements of the Merchant Shipping (Medicines, Medical Stores and Appliances) Rules, 1966, to the extent and subject to the conditions indicated below :This certificate shall remain in force until the day of 19(Name of Port).....Dated the day of 19(Signature).....(Designation)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 finally dispersed, stabilized emulsion containing coal-tar acid 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 seawater [27 grammes of sodium chloride and 5 grammes of crystalline magnesium sulphate ($Mg SO_4 \cdot 7H_2O$) dissolved in and made up to 1,000 ml. with distilled water and 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 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.

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, chlorocresol, p-chloro-m-xylenol or any other germicidal substance that may be approved by the Central Government, 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 proportion 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-VD. Ointment. Formula :

Mercurouschloride	30grammes
Sulphathiazole	15grammes
Whitesoft paraffia	40grammes
Lightliquid paraffin	14grammes
Cetylalcohol	1gramme
Oil of Lavender	0.01millilitre

The ointment shall be supplied in collapsible tubes, with elongated nozzles and screw caps, each containing 4 g., and labelled Prophylactic Ointment. The length of the nozzle shall not be less than 12.7 mm. nor more than 16 mm.

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 7.5 cm. square impregnated with soap to a total weight of approximately 300 g. per square metre. 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 1/4 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. An insecticide suitable after appropriate dilution for spraying infested living quarters; galleys, etc. - (1) The insecticide used shall contain as the active ingredient either 2: 2-di (p-chlorophenyl)-1 : 1 : 1-trichloroethan (DDT) of the gamma isomer of benzene hexachloride (gamma BHC) or both with the addition of pyrethrins, if desired. It may be supplied in the form of a concentrate, such that, after the addition of water in accordance with the instructions printed on the label of the container the 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 both, or (b) if pyrethrins are present, either 3 per cent. DDT with 0.2 per cent. pyrethrins of the equivalent in synergized pyrethrins; or 0.3 per cent. gamma BHC with 0.1 per cent. pyrethrins or the equivalent in synergized pyrethrins; or both. (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 insecticide shall have a flash point above 26.7°C, and when prepared in a form suitable for spraying, it shall be non-inflammable and leave no residual odour or unsightly deposit. It shall have no undue 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 containers of a capacity not greater than 500 ml. effectively sealed so that they will remain airtight and watertight under all conditions. The containers 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 approximately 1 litre. The nozzle, which shall have an aperture of 0.8 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 of 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 inter 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. Three disposable oxygen inhalers of plastic material.**
- 2. One manometer type oxygen Flow meter.**
- 3. One fine adjustment valve with oxygen pressure gauge, bullnosed fitting.**
- 4. 2m. 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 ship

- 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 60° C (+_ 1° C) the percentage of available chlorine shall not decrease more than 2.**
- 4. The chloride of lime shall be put up in 100 g. 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 5 g. of the powder, when full, i.e., sufficient to chlorinate approximately 1136 litres 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 (BPC) Each dressing shall measure approximately 8.5 cm. x 8.5 cm. and shall be packed in an individual envelope (the dimensions of which shall be not greater than 14 cm. 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 20 thousand of a cm. thick shall be impermeable to moisture, free from pin holes and 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. [* * * * *] [Omitted by G.S.R. 546, dated 23rd March, 1967.]