STATUTORY INSTRUMENTS

1961 No. 1045

MERCHANT SHIPPING

MASTERS AND SEAMEN

The Merchant Shipping Medical Scales (Amendment) Order, 1961

Made - - - -	30*th May*, 1961
Coming into Operation	1*st August*, 1961

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

1.—(1) This Order shall come into operation on the first day of August, 1961, and may be cited as the Merchant Shipping Medical Scales (Amendment) Order, 1961.

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

2. The Merchant Shipping Medical Scales Order, 1953(c), as amended(d) (hereinafter referred to as "the Principal Order") shall have effect subject to the amendments of the Schedule to that Order specified in the Schedule to this Order.

3. Where, on the coming into operation of this Order, a ship to which one of the Scales of medicines and medical stores set out in the Schedule to the Principal Order applies is on a voyage between the United Kingdom or the Republic of Ireland and any place out of the same, the amendments 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 a supply of medicines and medical stores according to the scale which but for this Order would have been appropriate to the ship.

Given under the Official Seal of the Minister of Transport this thirtieth day of May, 1961.

(L.S.)

D. C. Haselgrove,
An Under Secretary of the Ministry of Transport.

(a) 57 & 58 Vict. c. 60. (b) 52 & 53 Vict. c. 63.
(c) S.I. 1953/998 (1953 I, p. 1114).
(d) S.I. 1953/1446, 1955/1157 (1953 I, p. 1152; 1955 I, p. 1134).

SCHEDULE

1. SCALE I

(1) Under the heading, " 2. General Requirements ", the following amendment shall be made:—

For the word " shall " in the first line of sub-paragraph (*c*) of paragraph (2) there shall be substituted the word " may ", and the word " which " in the second line shall be deleted.

(2) *Under the heading " Medicines "*

(*a*) The following amendments shall be made:—

(i) In the item relating to " * Aether. Anaesth." for the words in brackets there shall be substituted the words " (in amber coloured ampoules or in tins) " and for the quantities " 10 ampoules, 10 ampoules, 20 ampoules and 20 ampoules " there shall be substituted respectively the quantities " 20 oz., 20 oz., 40 oz., and 40 oz.".

(ii) In the item relating to " Paraldehyd.", before the symbol " (*b*) " in the first column there shall be added the symbol " (*e*) ".

(iii) In the item relating to " (*c*) Procaine Penicillin G Fortified " after the words " 100,000 International Units," there shall be added the words " or its equivalent injectable Penicillin ". After the words " buffering agents " insert the symbol " (*f*) ".

(iv) In the item relating to " Sp.Chir." for the words " (B.P.C. No. 3) " in the first column there shall be substituted the words " (B.P.C. No. 1) ".

(v) In the item relating to " Tab. Stilboestr.", after the words " 0·5 mg." in the first column there shall be added the words " (or its equivalent (*c*)) ".

(vi) In the item relating to " Tab. Sulphadimidin." for the quantities " 250, 500, 750 and 1,000 " there shall be substituted respectively the quantities " 500, 1,000, 1,500 and 2,000 ".

(vii) In the footnote (*c*) referred to in paragraph (v) above after the word " drug " there shall be added the words " or combination of drugs ".

(viii) In the item relating to " * Vitrell. Amyl. Nitris ", the symbol " (*f*) " shall be deleted and the symbol " (*c*) " substituted. In the footnote relating to the said item the symbol " (*f*) " shall be deleted and the symbol " (*c*) " substituted. In the footnote the words " and Civil Aviation ", shall be deleted, and the following footnotes relating to those items shall be added:—

" (*e*) To be replaced within 12 months of the date of issue shown on the label."

" (*f*) Alternative drug or combination of drugs with similar therapeutic effects."

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

Amylum	2 oz.	4 oz.	6 oz.	8 oz.
Argentoprot. (in amber coloured bottles)	1 drachm	1 drachm	1 drachm	1 drachm
*Borax	4 oz.	4 oz.	4 oz.	4 oz.
*Calc. Hydrox. (for preparing lime water)	2 oz.	2 oz.	2 oz.	2 oz.
*pInj. Diamorph. Hydrochlor. 1/12 gr. in 1 ml.	6 amps.	6 amps.	6 amps.	6 amps.
Liq. Strych. Hydrochlor.	1 fl. oz.	2 fl. oz.	3 fl. oz.	4 fl. oz.
Pul. Rhei. Co.	1 oz.	2 oz.	3 oz.	4 oz.
Tab. Colocynth. et Jalap. Co. ...	50	100	150	200
Tab. Sulphadiazin. 0·5 gramme (or its equivalent (*c*))	250	500	750	1,000
Tinct. Digit	1 fl. oz.	2 fl. oz.	3 fl. oz.	4 fl. oz.
*Tinct. Valerian. Ammon.	2 fl. oz.	2 fl. oz.	2 fl. oz.	2 fl. oz.

(*c*) The following new items shall be added, and shall be inserted in the Scale in the appropriate positions according to strict alphabetical order:—

* (*a*) Antitox. Tetanus (1500 International Units) ...	3 ampoules	3 ampoules	3 ampoules	3 ampoules
Caps. Tetracycline 250 mg. (or its equivalent broad spectrum antibiotic (*b*))	32	32	48	64
Conspers. Zinc. Undecen.	8 oz.	16 oz.	24 oz.	32 oz.
*Gutt. Sulphacetamid. Mitis (*e*)	1 fl. oz.	1 fl. oz.	1 fl. oz.	1 fl. oz.
*Inj. Bemegride. (in 10 ml. vials) (or its equivalent) (*f*)	12 vials	12 vials	12 vials	24 vials
*Inj. Paraldehyd. (in 10 ml. ampoules)	3 ampoules	3 ampoules	6 ampoules	6 ampoules
Streptomycin Sulphate (B.P.), equivalent to 1 Gramme Streptomycin base, in sealed container, with suitable suspending agents (*a*)	10 vials	15 vials	20 vials	30 vials
Tab. or Caps. Phenoxymethyl Penicillin 250 mg. (or its equivalent (*c*)). Oral Penicillin	50	100	150	200
Tab. Reserpin. 0·25 mg. (or its equivalent (*c*)). (*d*)	50	100	150	200
Ung. Zinc. Undecen. ...	4 oz.	8 oz.	12 oz.	1 lb.

and the following footnotes relating to those items shall be added:—

"(*b*) Alternative drug or combination of drugs with similar therapeutic effects."

"(*e*) Store in cool place and protect from light."

"(*f*) Alternative drug or combination of drugs with similar therapeutic effects."

"(*d*) Protect from light."

(3) *Under the heading "Medical Stores—Sundries"*

The following amendments shall be made:—

(*a*) In the item relating to "Basin", in the second column, after the word "iron" there shall be inserted the words "anodised aluminium, stainless steel or plastic".

(*b*) In the item relating to "Hot Water Bottles", in the second column before the figures "8″ × 12″", there shall be inserted the word "Approximately".

(*c*) In the item relating to "Insecticide", in the first column, for the word "Spray" there shall be substituted the words "Hand Sprayer" and before the words "Liquid" and "Hand Sprayer" there shall be inserted the symbol "(*a*)" and in the third column, for the quantities "12 galls., 24 galls., 36 galls., 48 galls." there shall be substituted the quantities "6 galls., 12 galls., 18 galls., 24 galls.".

and the following footnote shall be added:—

"(*a*) Pre-packed press-button pressure canisters may replace wholly or in part diluted liquid insecticide. The volume of the contents of the canisters shall not be less than one quarter of the volume of the diluted liquid insecticide which they replace.

No hand sprayer need be carried if all the liquid insecticide solution is replaced by pressure canisters."

(*d*) In the item relating to " Stretcher—Tubular Steel Pattern ", for the words " Tubular Steel Pattern ", in the first column, there shall be substituted the words " Canvas, folding "; and for the words in the second column under Special Information there shall be substituted the words " Military type or equivalent ".

(*e*) In the item relating to " Urine Bottle ", in the second column, after the word " iron " there shall be added the words ", plastic, polythene or equivalent ".

(4) *Under the heading " Medical Stores—Instruments and Appliances "*

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

Splints, Felt—for under 500 passengers and crew	... ...	4 sq. ft.
—500 passengers and crew and over	... ...	6 sq. ft.

(*b*) The following amendments shall be made:—

(i) In the item relating to " Airway and mouth ", in the first column, for the words " London Hospital Pattern " there shall be substituted the words " Hewitts or equivalent ".

(ii) In the item relating to " Catheters—With olivary ends, gum elastic and stillettes . . . . . " for the number " 2 " in the second line there shall be substituted the number " 3 " and before the number " 8 " in the third line there shall be inserted the number " 6 ".

(iii) In the item relating to " Syringe, ear, metal, 4 oz.", after the word " metal ", there shall be inserted the words " or rubber ".

(iv) In the item relating to " Syringe, hypodermic 2 ml." and " Syringe, antitoxin 10 ml.", the words " hexagonal " and " and an all glass plunger " shall be deleted and after the word " glass " in the first line there shall be inserted the words " or nylon ".

(v) In the item relating to " Tray, enamelled iron ", after the word " iron " there shall be inserted the words " (or other suitable material) ".

(vi) In the item relating to " Truss, elastic band type " for the references to " 38 " there shall be substituted references to " 42 ".

(*c*) The following item shall be added after the item relating to " Probang, oesophageal . . . . ":—

Ryle's duodenal tube	1

2. SCALE II

(1) Under the heading " 2. General Requirements ", the following amendment shall be made:—

For the word " shall " in the first line of sub-paragraph (*d*) of paragraph (2) there shall be substituted the word " may ", and the word " which " in the second line shall be deleted.

(2) *Under the heading " Medicines "*

(*a*) The following amendments shall be made:—

(i) In the item relating to " Morphine Ampoules ¼ gr.", in the third column, the words " —e.g. Omnopon " shall be omitted..

(ii) In the item relating to " Surgical Spirit ", in the second column, for " (B.P.C. No. 3) " there shall be substituted " (B.P.C. No. 1) ".

(*b*) The following new items shall be added, and shall be inserted in the Scale in the appropriate positions according to strict alphabetical order:—

Coramine Injection.	Inj. Nikethamide.	To be supplied in 2 ml. ampoules.	6 ampoules	6 ampoules
Eye drops Antiseptic.	Gutt. Sulphacetamid. Mit. (protect from light).	To be supplied in green or amber fluted bottles with dropper attached.	1 fl. oz.	1 fl. oz.

Fungicide Ringworm powder.	Conspers. Zinc. Undecen.		4 oz.	4 oz.
Heart Tablets.	Tab. Glyceryl Trinitrini. 1/130 grain. The tablet should be chewed before swallowing. Keep in cool place, protected from light.		24	24
Penicillin V. Tablets or Capsules.	Tab. or Caps. Phenoxymethyl penicil. 250 mg.	Keep in containers which prevent access of moisture in a cool dry place.	100	100

(3) *Under the heading* " *Medical Stores—Sundries* "

The following amendments shall be made:—

(*a*) In the item relating to " Basin ", in the second column, after the word " iron " there shall be inserted the words " anodised aluminium, stainless steel or plastic ".

(*b*) In the item relating to " Hot Water Bottles ", in the second column before the figures " 8″ × 12″ ", there shall be inserted the word " Approximately ".

(*c*) In the item relating to " Insecticide ", in the first column, for the word " Spray " there shall be substituted the words " Hand Sprayer " and before the words " Liquid " and " Hand Sprayer " there shall be inserted the symbol " (*a*) " and in the third column, for the quantities " 6 gall." " 12 gall." there shall be substituted the quantities " 3 gall." " 6 gall.".

and the following footnote shall be added:—

" (*a*) Pre-packed press-button pressure canisters may replace wholly or in part diluted liquid insecticide. The volume of the contents of the canisters shall not be less than one quarter of the volume of the diluted liquid insecticide which they replace.

No hand sprayer need be carried if all the liquid insecticide solution is replaced by pressure canisters ".

(*d*) In the item relating to " Urine Bottle ", in the second column, after the word " iron " there shall be added the words " , plastic, polythene or equivalent ".

(4) *Under the heading* " *Medical Stores—Instruments and Appliances* "

(*a*) The following amendment shall be made:—

In the item relating to " Syringe, Hypodermic ", in the second column, the words " hexagonal " and " and an all glass plunger " shall be omitted, and after the word " glass " in the first line there shall be inserted the words " or nylon ".

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

(i) 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
(ii) 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

(*c*) The following new item shall be added after the item relating to " Scissors 7" . . . ":—

Sutures and Needles	The sutures should be of nylon or silk, fitted to half curved eyeless needles with a cutting edge, size 10 or equivalent size. Each needle and suture to be sterile and closed in a sealed glass tube with a fracture scratch. Container label to give illustrated direction for breaking the tube.	4	6

(5) *Under the heading " Medical Stores—Dressings "*

The following amendment shall be made:—

In the items relating to " Bandages " the following item shall be deleted:—

" Unbleached Calico. 6" × 6 yards.	Each bandage to be individually wrapped and labelled: measurements to be stated on label.	4	6 "

3. SCALE III

(1) Under the heading " General Requirements ", the following amendment shall be made:—

For the word " shall " in the first line of sub-paragraph (*d*) of paragraph (2) there shall be substituted the word " may ", and the word " which " in the second line shall be deleted.

(2) *Under the heading " Medicines "*

The following amendments shall be made:—

(i) In the item relating to " Cocaine Eye-drops ", in the first column, the symbol " *a* " shall be omitted.

(ii) In the item relating to " Morphine Ampoules ¼ gr ", in the third column, the words " e.g. Omnopon " shall be omitted.

(3) *Under the heading " Medical Stores—Sundries "*

The following amendments shall be made:—

(i) In the item relating to " Basin ", in the second column, after the word " iron " there shall be added the words " anodised aluminium, stainless steel or plastic ".

(ii) In the item relating to " Insecticide ", in the first column, for the word " Spray " there shall be substituted the words " Hand Sprayer " and before the words " Liquid " and " Hand Sprayer " there shall be inserted the symbol " (‡) " and in the third column, for the quantity 3 gallons there shall be substituted the quantity 1½ gallons.

and the following footnote shall be added:—

" (‡) Pre-packed press-button pressure canisters may replace wholly or in part diluted liquid insecticide. The volume of the contents of the canisters shall not be less than one quarter of the volume of the diluted liquid insecticide which they replace.

No hand sprayer need be carried if all the liquid insecticide solution is replaced by pressure canisters."

(4) *Under the heading " Medical Stores—Instruments and Appliances "*

(*a*) The following amendments shall be made:—

In the item relating to " Splints ", in the first column, the symbol " (*a*) " before the word " Common " shall be omitted and the symbol " (*a*) " shall be inserted before the words " Liston's Thigh ".

(*b*) The following item shall be deleted:—

(*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

(*c*) The following new item shall be added after the item relating to "Scissors 7" . . . ":—

(*a*) Sutures and Needles.	The sutures should be of nylon or silk, fitted to half curved eyeless needles with a cutting edge, size 10 or equivalent size. Each needle and suture to be sterile and closed in a sealed glass tube with a fracture scratch. Container label to give illustrated direction for breaking the tube.	2

4. APPENDIX A

(*a*) In sub-paragraph (1) of paragraph 2 there shall be substituted for the words "any other germicidal substance that may be approved by the Minister of Transport and Civil Aviation" the words "a solution or emulsion of any other germicidal substance which is no less efficient as an antispetic".

(*b*) For sub-paragraph (2) of paragraph 2 there shall be substituted the following paragraph:—

(2) *Phenol Coefficient.* The Rideal-Walker Phenol Coefficient of a homogeneous solution or emulsion of a phenol, chlorocresol or p-chloro-m-xylenol shall not be less than 3 when determined by the method given in British Standards Specification No. 541 of 1934 as amended in August, 1943, May, 1951 and May, 1953.

5. APPENDIX C

For Appendix C there shall be substituted the following Appendix:—

APPENDIX C

Specification of Insecticides and Hand Sprayer

1. *Insecticides*

The insecticide shall be capable of destroying all types of insects including for example mosquitoes, cockroaches, steam flies, bugs, fleas, lice and ants, commonly found in the living accommodation and in galleys or other spaces used in the preparation, or for storage, of foodstuffs for consumption on board ship.

The active principle in any insecticidal formulation shall consist of any one or more of the following—DDT, Gamma BHC, Dieldrin, Malathion, Diazinon. Any other substance may be included in the active principle if it is no less efficient as an insecticide. The formulation may include pyrethrins or other biological equivalent.

2. *Formulation*

(1) The insecticide shall take the form of either—

(*a*) A solution of one or more insecticides in odourless petroleum distillate for use with a hand operated spray gun, complying with the provisions of paragraph 5 of this Appendix, as a space spray and residual spray.

(*b*) A solution of the insecticide with an appropriate propellant in a pre-packed press-button pressure canister for use as a space spray and residual spray.

(2) The insecticide in the concentration employed shall not be harmful to humans when used in accordance with the instructions and with the precautions specified on the container. The formulation shall be free from visible impurities, foreign matter and offensive odour, and shall be non-staining.

3. *Inflammability*

The insecticide solution referred to in paragraph 2 (1) (*a*) and (*b*) of this Appendix shall not have a flash point lower than 120° F when tested by the Abel method described in Part I of the Second Schedule to the Petroleum (Consolidation) Act, 1928.

4. *Packing, Labelling and Storage*

(1) The insecticide solution shall be carried in containers so sealed that they will remain air-tight and water-tight. Pressure canisters for spraying shall be provided with a cap or other effective means of protecting the valve mechanism when not in use.

(2) Containers and pressure canisters shall be safely and securely packed in wooden or fibreboard cases.

(3) Containers and pressure canisters shall bear a moisture-proof label. The label may be printed on the container, and shall show at least the following items:—

(*a*) the name of the manufacturer;

(*b*) clear instructions for use as—

(i) a residual spray against non-flying insects including for example cockroaches, steam flies, ants, bugs, fleas;

(ii) a space spray against flying insects including for example mosquitoes, and flies;

(*c*) a precautionary notice indicating that—

particular care should be taken to avoid contamination of foodstuffs, food utensils and benches on which food is prepared; excessive inhalation of the mist should be avoided; spillage on the skin should be washed off immediately with soap and water; storage should be away from living accommodation, pantries, food stores and edible cargo.

5. *Sprayers*

The hand sprayer for use with the liquid insecticide solution, if carried, shall be a soundly constructed continuous action sprayer, the nozzle of which shall be capable of producing a fine mist and also of wetting a surface when operated close to it for the purpose of residual spraying.

6. *Insecticidal Dusting Powder*

This shall be suitable for application to the body or clothing of infested persons. The material shall consist of a powder, white to cream, or grey in colour, containing an insecticide suitable for the purpose, packed in a dredger. Instructions for use shall be given on a moisture proof label fixed on the container or printed thereon.

6. APPENDIX D

(*a*) In paragraph 4, after the word "feet" there shall be inserted the words "Plastic or".

(*b*) In paragraph 6, for the word "hardwood" there shall be substituted the word "durable".

7. APPENDIX G

Appendix G shall be deleted.

EXPLANATORY NOTE

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

This Order makes various amendments in the Scales of medicines and medical stores set out in the Schedule to the Merchant Shipping Medical Scales Order, 1953, as amended by the Merchant Shipping Medical Scales (Amendment) Order, 1953, and the Merchant Shipping Medical Scales (Amendment) Order, 1955.