



REPUBLIC OF CYPRUS  
MINISTRY OF  
COMMUNICATIONS AND WORKS



DEPARTMENT  
OF MERCHANT SHIPPING  
LEMESOS

Circular No. 15 /2010

9 June 2010

TEN 5.13.09  
TEN 12.3.02.18

To all Owners , Managers , Representatives  
Of Ships under the Cyprus Flag  
and Recognised Organisations

**Subject: The Merchant Shipping ( Minimum Requirements of Medical Treatment on Board Ships) Order of 2010 ( P.I .233/2010)**

1. I refer to the above subject and further to my Circular No. 28/2004, dated 02/06/2004, I wish to inform you that the Minister of Communications and Works of the Republic of Cyprus , in exercising her powers under section 14 of the Merchant Shipping ( Minimum Requirements of Medical Treatment on Board Ships ) Law of 2002 (Law 175(I)/2010) , issued the Merchant Shipping ( Minimum Requirements of Medical Treatment on Board Ships ) Order of 2010 ,P.I. 233/2010 (published in the Official Gazette of the Republic No. 4429, Supplement III(I) , dated 21 .05.2010.)
2. The above mentioned Order sets the detailed description and the quantities of the medical supplies by category of ships as provided in Schedules II and IV of the Merchant Shipping ( Minimum Requirements of Medical Treatment on Board Ships ) Law of 2002.
3. The detailed descriptions and the quantities of the medical supplies provided in P.I.233/2010 , are herewith attached as Annex in their English translation.

The Owners , Managers and Masters of Cyprus Ships should strictly abide by the above Order.

Ioannis Efstratiou  
for Director  
Department of Merchant Shipping

Cc:- Permanent Secretary ,Ministry of Communications and Works  
- Permanent Secretary , Ministry of Health  
- Permanent Secretary, Ministry of Foreign Affairs

- Maritime Offices of the Department of Merchant Shipping abroad
- Diplomatic Missions and Honorary Consular Offices of the Republic
- Cyprus Shipping Chamber
- Cyprus Union of Shipowners
- SEK
- PEO

CPL/CPL



REPUBLIC OF CYPRUS  
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DEPARTMENT  
OF MERCHANT SHIPPING  
LEMESOS

## SCHEDULE II

### MEDICAL SUPPLIES (NON – EXHAUSTIVE LIST)

#### I. MEDICINES

Ref No.	Statutory Treatment Requirements	Recommended Medicine & dosage strength	(Categories of Vessels recommended quantity for 10 seafarers)		
			A	B	C
1. 1.a	<b>Cardiovascular</b> Cardio – circulatory analeptics – Sympathomimetics	Adrenaline / Epinephrine injection BP	10	5	-
		0.5ml-adrenaline acid tartrate injection 1.0mg in 1ml(1 in 1000) and / or Epipen (Adrenaline 0.3mg)	5	5	-
1.b	Anti – angina preparations	Glyceryl Trinitrate Spray 400 micrograms/metered 200 dose aerosol	1 Unit	1 Unit	1 Unit
		and transdermal patches 5mg* 2	2	2	-
1.c	<i>Diuretics</i>	Frusemide / Furosemide			
		i) 40mg tablets ii) 10mg in 1ml inj.(2ml ampoule)	30 2	30 -	- -

1.d	Anti – haemorrhagics including uterotonics [if there are women on board]	i) Phytomenadione(Vitamin K1)paediatric injection(0.2ml ampoule) ii) Ergometrine 500mcg, Oxytocin 5 units(1ml ampoule)(Syntometrine)	1 2	1 1	- -
1.e	Anti – hypertensive	Atenolol 50mg tablets	30	-	-
<b>2.</b>	<b>Gastro – intestinal system medicines</b>				
2.a	Medicines for gastric / duodenal disorders				
2.a.1	Histamine H <sub>2</sub> receptor anti – ulcer antagonists	Ranitidine tablets 150 mg or Famotidine tablets 20 mg	60	-	-
2.a.2	Anti – acid mucous dressings	Proprietary antacid of choice	As required	As required	
2.b	Anti – emetics	i) Prochlorperazine maleate 3mg buccal tablets ii) Promethazine hydrochloride 25mg per ml(1ml ampoules) iii) Hyoscine hydrobromide 0.3mg tablets or Cinnarizine 15mg tablets	50 10 60 60	50 - 60 60	- - 60 60
2.c	Lubricant laxatives	Glycerol Suppository moult 4mg	12	-	-
2.d	Anti – diarrhoeals	Loperamide 2mg capsules	30	30	30
2.e	Intestinal antiseptics	i) Trimethoprim 200mg tablets ii) Ciprofloxacin 500mg tablets iii) Metronidazole 400mg tablets	14 20 21	14 10 21	- - -
2.f	Haemorrhoid preparations	Proprietary preparation of choice	As required	As required	-

<b>3</b>	<b>Analgesics and anti – spasmodics</b>				
3.a	Analgesics, anti – pyretics and anti – inflammatory preparations	i) Paracetamol 500mg tablets and ii) Ibuprofen 400mg tablets	100 100	50 50	50 50
		iii) Diclofenac sodium 50mg suppository	10	-	-
3.b	Powerful analgesics	i) Codeine phosphate 30mg tablets	28	28	-
		ii) Morphine sulphate 10mg in 1ml injection(1ml ampoule)	10	10	-
		or Nalbuphine 10mg in 1ml injection	10	10	-
3.c	Spasmolytics	Hyoscine butylbromide 10mg tablets	56	56	-
<b>4.</b>	<b>Nervous system</b>				
4.a	Anxiolitics	i) Diazemuls injection 5mg per ml, (2ml ampoules)	5	-	-
		ii) Diazepam 5mg tablets	28	-	-
4.b	Neuroleptics	i) Chlorpromazine hydrochloride 25mg injection	5	-	-
		ii) Chlorpromazine hydrochloride 25mg tablets	28	28	-
4.c	Seasickness remedies	Hyoscine hydrobromide 0.3mg tablets or Cinnarizine 15mg tablets	60 60	60 60	60 60
4.d	Anti – epileptics	Diazepam rectal dispenser 10mg in 2.5ml	5	5	-

<b>5.</b>	<b>Anti-allergic and Anti-anaphylactics</b>				
5.a	H <sub>1</sub> Anti – histaminics	Cetirizine 10mg tablets	30	30	-
5.b	Injectable glucocorticoids	i) Hydrocortizone injection powder for reconstitution 100mg vial with 2ml water for injection/ready diluted 100mg in 1ml injection	3	1	-
		ii) Prednisolone 5mg tablets	28	28	-
<b>6.</b>	<b>Respiratory System medicine</b>				
6.a	Bronchospasm preparations	i) Salbutamol inhaler 100 micrograms per metered dose. 200 dose inhaler with volumatic	1	1	-
		ii) Beclomethasone 100 micrograms per metered dose inhaler	1	1	-
6.b	Anti- tussives	Proprietary cough mixture	As required	As required	-
6.c	Medicines used for cold and sinusitis	Paracetamol 500mg tablets	100	50	-
		Or Proprietary cold remedy	As required	As required	-

<b>7. Anti- infection medicine</b>					
7.a	Antibiotics	i) Benzylpenicillin – benzylpenicillin sodium 600mg injection(powder for reconstitution in a rubber capped and metal topped vial) and water for injection 2ml ii) Ciprofloxacin(as hydrochloride)500mg tablets iii) Cefuroxime injection 750mg vial and water for injection iv) Erythromycin 250mg tablets v) Doxycycline 100mg capsules	10 20 20 28 8	2 10 - 28 -	- - - - -
7.b	Anti-bacterial sulphamide	Trimethoprim 200mg tablets	10	10	-
7.c	Urinary antiseptics	Trimethoprim 200mg tablets	10	10	-
7.d	Anti- parasitics	Mebendzole 100mg tablets	6	6	-
7.e	Intestinal anti- infectives	Metronidazole suppositories 1g Metronidazole 500mg or 400mg tablets	10 20	- 20	- -
7.f	Anti-tetanus vaccines and immunoglobulins	i) Tetanus vaccine(0.5ml ampoule) or Tetanus & Diphtheria vaccine ii) Tetanus immunoglobulin ampoule for injection	5 1	1 -	- -

<b>8. Compounds promoting rehydration, caloric intake and plasma expansion)</b>	Sodium chloride & dextrose rehydration salts sachets of oral rehydration salts, formula A. {BP Oral powder in sachet to provide Na=35mmol, K=20mmol, Cl= 37mmol, HCO <sup>3</sup> =18mmol an glucose 200mmol when reconstituted in a litre of water} or Proprietary equivalent e.g. Dioralyte	1 box(16-20)	1 box (16-20)	-
<b>9. Medicines for external use</b> <b>9.a Skin medicines</b> 9.a.1 Antiseptic solution 9.a.2 Antibiotic ointments 9.a.3 Anti-inflammatory and analgesic ointments 9.a.4 Anti mycotic skin creams 9.a.5 Burn preparations	100ml solution or pre-impregnated wipes containing 0.015% w/v chlorhexidine and 0.15% w/v cetrimide Neomycin / Bacitracin cream 15g tube i) Hydrocortisone 1% cream 15g tube ii) Proprietary NSAID gel / ointment i) Benzoic ointment BP 50mg( benzoic acid 6%, alicylic acid 3%, in emulsifying ointment 15g ii) Miconazole nitrate 2% topical cream 30g iii) Clotrimazole 500mg pessary(if women on board) i) Silver sulphadiazine 1% cream 50g tube ii) Proprietary antiseptic cream	1 bottle or 1 pack of wipes 1 2 As required 3 2 2 2 -	1 bottle or 1 pack of wipes 1 1 As required 1 1 1 1 -	1 bottle or 1 pack of wipes - - As required - - - - 1



<b>9.b</b>	<b>Eye medicine (all eye drops in single dose form)</b>				
9.b.1	Antibiotic ointment	Chloramphenicol 1% 4g tube	4	1	-
9.b.2	Antibiotic drops	Neomycin sulphate 0.5% 0.5ml	20	20	-
9.b.3	Anti-inflammatory drop	Dexamethasone sodium phosphate 0.1% 0.5ml	20	20	-
9.b.4	Anaesthetic drops	Amethocaine hydrochloride 0.5% 0.5ml	20	20	-
9.b.5	Hypotonic drops	Pilocarpine nitrate 2% 0.5ml	20	20	-
9.b.6	Diagnostic drops	Fluorescein sodium 1% 0.5ml(for detection of foreign bodies / scratches / ulcers)	20	20	-
<b>9.c</b>	<b>Ear / Nasal medicines</b>				
9.c.1	Antibiotic / anti inflammatory solution	Antibiotic eardrops containing in each ml;neomycin 3,400 units, polymixin B sulphate 10,000 units, hydrocortisone 50mg(5ml dropper bottle)	1	1	-
		Decongestant solution: Ephedrine nasal drops BP 0.5% ephedrine hydrochloride(10ml bottle)	1	1	-
<b>9.d</b>	<b>Medicines for oral and throat infections</b>				
9.d.1	Antibiotic or antiseptic mouth washes	Chlorhexidine gluconate 0.2% mouthwash 300 ml	1	1	-
<b>9.e</b>	<b>Local anaesthetics</b>				
9.e.1	Local anaesthetic gel	Lignocaine / Lidscaine gel 2%, chlorlexidine 0.25% in lubricant(syringe)	1	-	-

9.e.2	Local anesthetic given by subcutaneous injection hydrochloride 1% 50mg in 5ml for injection	Lignocaine / Lidocaine	5	5	-
9.e.3	Dental anaesthetic and antiseptic mixture	i) Proprietary gel e.g. Bonjela	1	1	-
		ii) Oil of cloves 10ml	1	1	-

## II IATPIKO YAIKO (MEDICAL EQUIPMENT)

Ref No.	Statutory Requirements	Recommended Specification	A	B	C
<b>1.</b>	<b>Resuscitation equipment</b>				
1.1	Equipment for mouth to mouth resuscitation	Pocket face mask with valve and O <sub>2</sub> inlet Guedal Airway sizes 3 & 4	1 1	1 1	1 -
1.2	Appliance for the administration of oxygen with pressure – reducing valve such that ship's industrial oxygen can be used or oxygen container	Oxygen giving set comprising of the following: 1) Oxygen reservoir(eg D size 300ltr cylinder) 2) 1 flow meter unit giving a minimum setting of not less than 4 ltrs per minute 3) 1 pressure regulating unit 4) 1 set of tubing 5) 5 × 24% oxygen disposable face masks 6) 5 × high concentration oxygen disposable face masks with a reservoir. Each part constructed so that it can only be assembled in the correct manner.	1	1	-

1.3	Mechanical aspirator to clear upper respiratory passages	Aspirator to clear airways (manual, hand operated) + 2 catheters	1	1	-
<b>2.</b>	<b>Dressing and suturing equipment</b>				
2.1	Disposable suture stapler or suture kit with needles	1) Sterile non-absorbable sutures swaged to a half circle needle with a cutting edge  2 sizes e.g. 16mm & 26mm  2) Sterile absorbable sutures swaged to a half circle needle 1 size e.g. 26mm	6   3	-   -	-   -
2.2	Adhesive elastic bandage	Adhesive elastic bandage 7.5cm × 4m Crepe bandage 7.5cm × 4m	4 4	1 4	1 -
2.3	Tubular gauze for finger bandages	20m length with applicator	1	1	-
2.4	Disposable gloves	Latex free, vinyl	25 pairs	25 pairs	5 pairs
2.5	Adhesive dressings	Assorted sterile	40	40	20
2.6	Sterile bandage with unmedicated dressing(Ambulance dressings)	1) Medium, No.1 (12 × 10)cm 2) Large, No.2 (20 × 15) cm 3) Extra large, No.3 (28 × 20) cm	5 5 4	3 3 2	2 2 1
2.7	Adhesive sutures	75mm adhesive suture strips	6	6	6
2.8	Sterile gauze swabs	Packet containing 5 sterile gauze pads size 7.5cm × 7.5cm	10	5	1
2.9	Sterile sheet for burns victims		1	1	-
2.10	Triangular sling / bandage		4	4	-

2.11	Paraffin gauze dressings, size 10cm * 10cm		40	10	-
2.12	Cotton wool bag		1	1	1
<b>3.</b>	<b>Instruments</b>				
3.1	Disposable scalpels	e.g. 10 blades	2	-	-
3.2	Stainless steel instrument box		1	1	-
3.3	Scissors	Stainless steel dressing scissors Sharp pointed scissors	1 1	1 1	- -
3.4	Dissecting forceps	Toothed	1	1	-
3.5	Haemostatic clamps		1	1	-
3.6	Needle forceps		1	-	-
3.7	Disposable razors		5	-	-
<b>4.</b>	<b>Examination and monitoring equipment</b>				
4.1	Disposable tongue depressors		10	10	-
4.2	Reactive strips for urine analysis and Reactive strips for blood glucose analysis	e.g. Multistix e.g. Dextrostix	1 pack 1 pack	-	-
4.3	Temperature charts		10	10	-
4.4	Medical evaluation sheets		10	-	-
4.5	Stethoscope		1	1	-
4.6	Aneroid sphygmomanometer		1	1	-

4.7	Standard medical thermometer		3	1	-
4.8	Hypothermic thermometer		1	1	-
<b>5.</b>	<b>Equipment for injection,perfusion, puncture and catheterisation</b>				
5.1	Bladder drainage instruments	Bladder drainage set(including bag, spigots and tube)	1	-	-
5.2	Rectal drip		1	-	-
5.3	Urine drainage bag	Drainage set(including bag, spigots and tube)	5	-	-
5.4	Disposable filter infusor		1	-	-
5.5	Disposable syringes	2ml, 5ml, 10ml	10 of each	5 of each	-
5.6	Disposable hypothermic needles	(21G) 0.8mm and (25G) 0.5mm	1	1	-
5.7	Catheter	1) Foley type 16 Charriere guage, 5ml balloon(short/medium term use in adults) 2) Nelaton size 16 Charriere guage(with no balloon) 3( Penile sheath set)	1 1 1	- - -	- - -
<b>6.</b>	<b>General medical equipment</b>				
6.1	Bedpan	Stainless steel or sterilised plastic	1	-	-
6.2	Hot water bottle	With fabric cover	1	-	-
6.3	Urine bottle		1	-	-
6.4	Ice bag		1	-	-

6.5	Body bag		1	1	1
6.6	Dental instrument: Excavator		1	1	1
6.7	Dental instrument: Filling paste inserter		1	1	1
6.8	Dental instrument: Dental mirror		1	1	1
6.9	Dental instrument: Probe		1	1	1
6.10	Dental filling paste, temporary		1	1	1
<b>7.</b>	<b>Immobilization and setting equipment</b>				
7.1	Malleable finger splint		1	1	-
7.2	Malleable forearm and hand splint		1	1	-
7.3	Inflatable splint	Set of four(Half leg, full leg, half arm and full arm)	1	1	-
7.4	Thigh splint	e.g. Thomas splint, Donway etc	1	1	-
7.5	Collar for neck immobilization	Adult size pack of 3, small, medium and large or adjustable collar	1	1	-
7.6	Neil-Robertson stretcher or vacuum mattress		1	1	-
<b>8.</b>	<b>Disinfection, disinsectization and prophylaxis</b>				
8.1	Water disinfection compound	In Liquid form- litres	5	5	-
8.2	Liquid insecticide	In Liquid form- litres	5	-	-
8.3	Insecticide, one for every three cabins/spaces	In aerosol form	1	1	1



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## SCHEDULE IV

### GENERAL FRAMEWORK FOR THE INSPECTION OF VESSEL'S MEDICAL SUPPLIES

#### SHIPS CATEGORY A

##### I. (Ship's identity)

Name : \_\_\_\_\_

Flag : \_\_\_\_\_

I.M.O. Number: \_\_\_\_\_

Port of Registry: \_\_\_\_\_

## II. Medical supplies

			<b>Recommended quantity for 10 seafarers)</b>	<b>On board available quantities</b>	<b>Comments (e.g. expiry date)</b>
	<b>MEDICINES</b>	<b>Recommended Medicine &amp; dosage strength</b>			
<b>1.</b>	<b>Cardiovascular</b>				
1.a	Cardio – circulatory analeptics – Sympathomimetics	Adrenaline / Epinephrine injection BP 0.5ml-adrenaline acid tartrate injection 1.0mg in 1ml(1 in 1000) and / or Epipen (Adrenaline 0.3mg)	10  5		
1.b	Anti – angina preparations	Glyceryl Trinitrate Spray 400 micrograms/metered 200 dose aerosol and transdermal patches 5mg 2	1 Unit  2		
1.c	Diuretics	Frusemide / Furosemide i) 40mg tablets ii) 10mg in 1ml inj.(2ml ampoule)	30  2		
1.d	Anti – haemorrhagics including uterotonics [if there are women on board]	i) Phytomenadione(Vitamin K1)paediatric injection(0.2ml ampoule) ii) Ergometrine 500mcg, Oxytocin 5 units(1ml ampoule)(Syntometrine)	1  2		
1.e	Anti – hypertensive	Atenolol 50mg tablets	30		



<b>2.</b>	<b>Gastro – intestinal system medicines</b>				
2.a	Medicines for gastric / duodenal disorders				
2.a.1	Histamine H <sub>2</sub> receptor anti – ulcer antagonists	Ranitidine tablets 150 mg or Famotidine tablets 20 mg	60		
2.a.2	Anti – acid mucous dressings	Proprietary antacid of choice	As required		
2.b	Anti – emetics	i) Prochlorperazine maleate 3mg buccal tablets ii) Promethazine hydrochloride 25mg per ml(1ml ampoules) iii) Hyoscine hydrobromide 0.3mg tablets or Cinnarizine 15mg tablets	50 10 60 60		
2.c	Lubricant laxatives	Glycerol Suppository mould 4mg	12		
2.d	Anti – diarrhoeals	Loperamide 2mg capsules	30		
2.e	Intestinal antiseptics	i) Trimethoprim 200mg tablets ii) Ciprofloxacin 500mg tablets iii) Metronidazole 400mg tablets	14 20 21		
2.f	Haemorrhoid preparations	Proprietary preparation of choice	As required		
<b>3</b>	<b>Analgesics and anti – spasmodics</b>				
3.a	Analgesics, anti – pyretics and anti – inflammatory preparations	i) Paracetamol 500mg tablets  and ii) Ibuprofen 400mg tablets iii) Diclofenac sodium 50mg suppository	100  100 10		

3.b	Powerful analgesics	i) Codeine phosphate 30mg tablets ii) Morphine sulphate 10mg in 1ml injection(1ml ampoule)  or Nalbuphine 10mg in 1ml injection	28 10 10		
3.c	Spasmolytics	Hyoscine butylbromide 10mg tablets	56		
4.	<b>Nervous system</b>				
4.a	Anxiolitics	i) Diazemuls injection 5mg per ml, (2ml ampoules) ii) Diazepam 5mg tablets	5 28		
4.b	Neuroleptics	i) Chlorpromazine hydrochloride 25mg injection ii) Chlorpromazine hydrochloride 25mg tablets	5 28		
4.c	Seasickness remedies	Hyoscine hydrobromide 0.3mg tablets or Cinnarizine 15mg tablets	60 60		
4.d	Anti – epileptics	Diazepam rectal dispenser 10mg in 2.5ml	5		
5.	<b>Anti–allergic and Anti-anaphylactics</b>				
5.a	H <sub>1</sub> Anti – histaminics	Cetirizine 10mg tablets	30		

5.b	Injectable glucocorticoids	i) Hydrocortizone injection powder for reconstitution 100mg vial with 2ml water for injection/ready diluted 100mg in 1ml injection  ii) Prednisolone 5mg tablets	3  28		
<b>6.</b> 6.a	<b>Respiratory System medicine</b> Bronchospasm preparations	i) Salbutamol inhaler 100 micrograms per metered dose. 200 dose inhaler with volumatic  ii) Beclomethasone 100 micrograms per metered dose inhaler	1  1		
6.b	Anti- tussives	Proprietary cough mixture	As required		
6.c	Medicines used for cold and sinusitis	Paracetamol 500mg tablets Or Proprietary cold remedy	100  As required		

<b>7.</b>	<b>Anti- infection medicine</b>				
7.a	Antibiotics	i) Benzylpenicillin – benzylpenicillin sodium 600mg injection(powder for reconstitution in a rubber capped and metal topped vial) and water for injection 2ml ii) Ciprofloxacin(as hydrochloride)500mg tablets iii) Cefuroxime injection 750mg vial and water for injection iv) Erythromycin 250mg tablets v) Doxycycline 100mg capsules	10 20 20 28 8		
7.b	Anti-bacterial sulphamide	Trimethoprim 200mg tablets	10		
7.c	Urinary antiseptics	Trimethoprim 200mg tablets	10		
7.d	Anti- parasitics	Mebendzole 100mg tablets	6		
7.e	Intestinal anti- infectives	Metronidazole suppositories 1g Metronidazole 500mg or 400mg tablets	10 20		
7.f	Anti-tetanus vaccines and immunoglobulins	i) Tetanus vaccine(0.5ml ampoule) or Tetanus & Diphtheria vaccine ii) Tetanus immunoglobulin ampoule for injection	5 1		

8.	<b>Compounds promoting rehydration, caloric intake and plasma expansion)</b>	Sodium chloride & dextrose rehydration salts sachets of oral rehydration salts, formula A. {BP Oral powder in sachet to provide Na=35mmol, K=20mmol, Cl= 37mmol, HCO <sup>3</sup> =18mmol an glucose 200mmol when reconstituted in a litre of water} or Proprietary equivalent e.g. Dioralyte	1 box(16-20)		
9.	<b>Medicines for external use</b>				
9.a	<b>Skin medicines</b>				
9.a.1	Antiseptic solution	100ml solution or pre-impregnated wipes containing 0.015% w/v chlorhexidine and 0.15% w/v cetrimide	1 bottle or 1 pack of wipes		
9.a.2	Antibiotic ointments	Neomycin / Bacitracin cream 15g tube	1		
9.a.3	Anti-inflammatory and analgesic ointments	i) Hydrocortisone 1% cream 15g tube ii) Proprietary NSAID gel / ointment	2 As required		
9.a.4	Anti mycotic skin creams	i) Benzoic ointment BP 50mg( benzoic acid 6%, alicyclic acid 3%, in emulsifying ointment 15g ii) Miconazole nitrate 2% topical cream 30g iii) Clotrimazole 500mg pessary(if women on board)	3 2 2		
9.a.5	Burn preparations	i) Silver sulphadiazine 1% cream 50g tube ii) Proprietary antiseptic cream	2 -		

<b>9.b</b>	<b><i>Eye medicine (all eye drops in single dose form)</i></b>				
9.b.1	Antibiotic ointment	Chloramphenicol 1% 4g tube	4		
9.b.2	Antibiotic drops	Neomycin sulphate 0.5% 0.5ml	20		
9.b.3	Anti-inflammatory drop	Dexamethasone sodium phosphate 0.1% 0.5ml	20		
9.b.4	Anaesthetic drops	Amethocaine hydrochloride 0.5% 0.5ml	20		
9.b.5	Hypotonic drops	Pilocarpine nitrate 2% 0.5ml	20		
9.b.6	Diagnostic drops	Fluorescein sodium 1% 0.5ml(for detection of foreign bodies / scratches / ulcers)	20		
<b>9.c</b>	<b>Ear / Nasal medicines</b>				
9.c.1	Antibiotic / anti inflammatory solution	Antibiotic eardrops containing in each ml;neomycin 3,400 units, polymixin B sulphate 10,000 units, hydrocortisone 50mg(5ml dropper bottle)	1		
		Decongestant solution: Ephedrine nasal drops BP 0.5% ephedrine hydrochloride(10ml bottle)	1		
<b>9.d</b>	<b>Medicines for oral and throat infections</b>				
9.d.1	Antibiotic or antiseptic mouth washes	Chlorhexidine gluconate 0.2% mouthwash 300 ml	1		
<b>9.e</b>	<b>Local anaesthetics</b>				
9.e.1	Local anaesthetic gel	Lignocaine / Lidscaine gel 2%, chlorlexidine 0.25% in lubricant(syringe)	1		

9.e.2	Local anesthetic given by subcutaneous injection hydrochloride 1% 50mg in 5ml for injection	Lignocaine / Lidocaine	5		
9.e.3	Dental anaesthetic and antiseptic mixture	i) Proprietary gel e.g. Bonjela ii) Oil of cloves 10ml	1 1		
	<b>MEDICAL EQUIPMENT</b>	<b>Recommended Specification</b>			
<b>1.</b>	<b>Resuscitation equipment</b>				
1.1	Equipment for mouth to mouth resuscitation	Pocket face mask with valve and O <sub>2</sub> inlet Guedal Airway sizes 3 & 4	1 1		
1.2	Mechanical aspirator to clear upper respiratory passages	Aspirator to clear airways (manual, hand operated) + 2 catheters	1		
1.3	Appliance for the administration of oxygen with pressure – reducing valve such that ship's industrial oxygen can be used or oxygen container	Oxygen giving set comprising of the following: 1) Oxygen reservoir (eg D size 300ltr cylinder) 2) 1 flow meter unit giving a minimum setting of not less than 4 ltrs per minute 3) 1 pressure regulating unit 4) 1 set of tubing 5) 5× 24% oxygen disposable face masks 6) 5× high concentration oxygen disposable face masks with a reservoir. Each part constructed so that it can only be assembled in the correct manner.	1		

<b>2.</b>	<b>Dressing and suturing equipment</b>				
2.1	Disposable suture stapler or suture kit with needles	1) Sterile non-absorbable sutures swaged to a half circle needle with a cutting edge  2 sizes e.g. 16mm & 26mm  2) Sterile absorbable sutures swaged to a half circle needle 1 size e.g. 26mm	6   3		
2.2	Adhesive elastic bandage	Adhesive elastic bandage 7.5cm × 4m Crepe bandage 7.5cm × 4m	4 4		
2.3	Tubular gauze for finger bandages	20m length with applicator	1		
2.4	Disposable gloves	Latex free, vinyl	25 pairs		
2.5	Adhesive dressings	Assorted sterile	40		
2.6	Sterile bandage with unmedicated dressing(Ambulance dressings)	1) Medium, No.1 (12 × 10)cm 2) Large, No.2 (20 × 15) cm 3) Extra large, No.3 (28 × 20) cm	5 5 4		
2.7	Adhesive sutures	75mm adhesive suture strips	6		
2.8	Sterile gauze swabs	Packet containing 5 sterile gauze pads size 7.5cm × 7.5cm	10		
2.9	Sterile sheet for burns victims		1		
2.10	Triangular sling / bandage		4		
2.11	Paraffin gauze dressings, size 10cm * 10cm		40		
2.12	Cotton wool bag		1		



<b>3.</b>	<b>Instruments</b>				
3.1	Disposable scalpels	e.g. 10 blades	2		
3.2	Stainless steel instrument box		1		
3.3	Scissors	Stainless steel dressing scissors Sharp pointed scissors	1 1		
3.4	Dissecting forceps	Toothed	1		
3.5	Haemostatic clamps		1		
3.6	Needle forceps		1		
3.7	Disposable razors		5		
<b>4.</b>	<b>Examination and monitoring equipment</b>				
4.1	Disposable tongue depressors		10		
4.2	Reactive strips for urine analysis and Reactive strips for blood glucose analysis	e.g. Multistix e.g. Dextrostix	1 pack		
4.3	Temperature charts		10		
4.4	Medical evaluation sheets		10		
4.5	Stethoscope		1		
4.6	Aneroid sphygmo manometer		1		
4.7	Standard medical thermometer		3		
4.8	Hypothermic thermometer		1		

<b>5.</b>	<b>Equipment for injection,perfusion, puncture and catheterisation</b>				
5.1	Bladder drainage instruments	Bladder drainage set(including bag, spigots and tube)	1		
5.2	Rectal drip		1		
5.3	Urine drainage bag	Drainage set(including bag, spigots and tube)	5		
5.4	Disposable filter infusor		1		
5.5	Disposable syringes	2ml, 5ml, 10ml	10 of each		
5.6	Disposable hypothermic needles	(21G) 0.8mm and (25G) 0.5mm	1		
5.7	Catheter	1) Foley type 16 Charriere gauge, 5ml balloon(short/medium term use in adults) 2) Nelaton size 16 Charriere gauge(with no balloon) 3( Penile sheath set)	1 1 1		
<b>6.</b>	<b>General medical equipment</b>				
6.1	Bedpan	Stainless steel or sterilised plastic	1		
6.2	Hot water bottle	With fabric cover	1		
6.3	Urine bottle		1		
6.4	Ice bag		1		
6.5	Body bag		1		
6.6	Dental instrument: Excavator		1		
6.7	Dental instrument: Filling paste inserter		1		
6.8	Dental instrument: Dental mirror		1		
6.9	Dental instrument: Probe		1		
6.10	Dental filling paste, temporary		1		

<b>7.</b>	<b>Immobilization and setting equipment</b>				
7.1	Malleable finger splint		1		
7.2	Malleable forearm and hand splint		1		
7.3	Inflatable splint	Set of four(Half leg, full leg, half arm and full arm)	1		
7.4	Thigh splint	e.g. Thomas splint, Donway etc	1		
7.5	Collar for neck immobilization	Adult size pack of 3, small, medium and large or adjustable collar	1		
7.6	Neil-Robertson stretcher or vacuum mattress		1		
<b>8.</b>	<b>Disinfection, disinsectization and prophylaxis</b>				
8.1	Water disinfection compound	In Liquid form- litres	5		
8.2	Liquid insecticide	In Liquid form- litres	5		
8.3	Insecticide, one for every three cabins/spaces	In aerosol form	1		



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DEPARTMENT  
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## SCHEDULE IV

### GENERAL FRAMEWORK FOR THE INSPECTION OF VESSEL'S MEDICAL SUPPLIES

#### SHIPS CATEGORY B

**I. (Ship's identity)**

**Name :** \_\_\_\_\_

**Flag :** \_\_\_\_\_

**I.M.O. Number:** \_\_\_\_\_

**Port of Registry:** \_\_\_\_\_

## II. Medical supplies

			Recommended quantity for 10 seafarers)	On board available quantities	Comments (e.g. expiry date)
	MEDICINES	Recommended Medicine & dosage strength			
1.	<b>Cardiovascular</b>				
1.a	Cardio – circulatory analeptics – Sympathomimetics	Adrenaline / Epinephrine injection BP 0.5ml-adrenaline acid tartrate injection 1.0mg in 1ml(1 in 1000) and / or EpiPen (Adrenaline 0.3mg)	5 5		
1.b	Anti – angina preparations	Glyceryl Trinitrate Spray 400 micrograms/metered 200 dose aerosol and transdermal patches 5mg 2	1 Unit 2		
1.c	Diuretics	Frusamide / Furosemide i) 40mg tablets ii) 10mg in 1ml inj.(2ml ampoule)	30 -		
1.d	Anti – haemorrhagics including uterotonics [if there are women on board]	i) Phytomenadione(Vitamin K1)paediatric injection(0.2ml ampoule) ii) Ergometrine 500mcg, Oxytocin 5 units(1ml ampoule)(Syntometrine)	1 1		
1.e	Anti – hypertensive	Atenolol 50mg tablets	-		

<b>2. Gastro – intestinal system medicines</b>				
2.a Medicines for gastric / duodenal disorders				
2.a.1 Histamine H <sub>2</sub> receptor anti – ulcer antagonists	Ranitidine tablets 150mg or Famotidine tablets 20 mg	-		
2.a.2 Anti – acid mucous dressings	Proprietary antacid of choice	As required		
2.b Anti – emetics	i) Prochlorperazine maleate 3mg buccal tablets ii) Promethazine hydrochloride 25mg per ml(1ml ampoules) iii) Hyoscine hydrobromide 0.3mg tablets or Cinnarizine 15mg tablets	50 - 60 60		
2.c Lubricant laxatives	Glycerol Suppository moult 4mg	-		
2.d Anti – diarrhoeals	Loperamide 2mg capsules	30		
2.e Intestinal antiseptics	i) Trimethoprim 200mg tablets ii) Ciprofloxacin 500mg tablets iii) Metronidazole 400mg tablets	14 10 21		
2.f Haemorrhoid preparations	Proprietary preparation of choice	As required		
<b>3 Analgesics and anti – spasmodics</b>				
3.a Analgesics, anti – pyretics and anti – inflammatory preparations	i) Paracetamol 500mg tablets  and ii) Ibuprofen 400mg tablets  iii) Diclofenac sodium 50mg suppository	50  50 -		

3.b	Powerful analgesics	i) Codeine phosphate 30mg tablets ii) Morphine sulphate 10mg in 1ml injection(1ml ampoule)  or Nalbuphine 10mg in 1ml injection	28 10 10		
3.c	Spasmolytics	Hyoscine butylbromide 10mg tablets	56		
4.	<b>Nervous system</b>				
4.a	Anxiolitics	i) Diazemuls injection 5mg per ml, (2ml ampoules) ii) Diazepam 5mg tablets	- -		
4.b	Neuroleptics	i) Chlorpromazine hydrochloride 25mg injection ii) Chlorpromazine hydrochloride 25mg tablets	- 28		
4.c	Seasickness remedies	Hyoscine hydrobromide 0.3mg tablets or Cinnarizine 15mg tablets	60 60		
4.d	Anti – epileptics	Diazepam rectal dispenser 10mg in 2.5ml	5		
5.	<b>Anti–allergic and Anti-anaphylactics</b>				
5.a	H <sub>1</sub> Anti – histaminics	Cetirizine 10mg tablets	30		

5.b	Injectable glucocorticoids  i) Hydrocortizone injection powder for reconstitution 100mg vial with 2ml water for injection/ready diluted 100mg in 1ml injection  ii) Prednisolone 5mg tablets	1  28		
<b>6. Respiratory System medicine</b> 6.a	Bronchospasm preparations  i) Salbutamol inhaler 100 micrograms per metered dose. 200 dose inhaler with volumatic  ii) Beclomethasone 100 micrograms per metered dose inhaler	1  1		
6.b	Anti- tussives  Proprietary cough mixture	As required		
6.c	Medicines used for cold and sinusitis  Paracetamol 500mg tablets Or Proprietary cold remedy	50  As required		



<b>7. Anti- infection medicine</b>				
7.a Antibiotics	<ul style="list-style-type: none"> <li>i) Benzylpenicillin – benzylpenicillin sodium 600mg injection(powder for reconstitution in a rubber capped and metal topped vial) and water for injection 2ml</li> <li>ii) Ciprofloxacin(as hydrochloride)500mg tablets</li> <li>iii) Cefuroxime injection 750mg vial and water for injection</li> <li>iv) Erythromycin 250mg tablets</li> <li>v) Doxycycline 100mg capsules</li> </ul>	<ul style="list-style-type: none"> <li>2</li> <li>10</li> <li>-</li> <li>28</li> <li>-</li> </ul>		
7.b Anti-bacterial sulphamide	Trimethoprim 200mg tablets	10		
7.c Urinary antiseptics	Trimethoprim 200mg tablets	10		
7.d Anti- parasitics	Mebendzole 100mg tablets	6		
7.e Intestinal anti- infectives	<ul style="list-style-type: none"> <li>Metronidazole suppositories 1g</li> <li>Metronidazole 500mg or 400mg tablets</li> </ul>	<ul style="list-style-type: none"> <li>-</li> <li>20</li> </ul>		
7.f Anti-tetanus vaccines and immunoglobulins	<ul style="list-style-type: none"> <li>i) Tetanus vaccine(0.5ml ampoule) or Tetanus &amp; Diphtheria vaccine</li> <li>ii) Tetanus immunoglobulin ampoule for injection</li> </ul>	<ul style="list-style-type: none"> <li>1</li> <li>-</li> </ul>		

<b>8. Compounds promoting rehydration, caloric intake and plasma expansion)</b>	Sodium chloride & dextrose rehydration salts sachets of oral rehydration salts, formula A. {BP Oral powder in sachet to provide Na=35mmol, K=20mmol, Cl= 37mmol, HCO <sup>3</sup> =18mmol an glucose 200mmol when reconstituted in a litre of water} or Proprietary equivalent e.g. Dioralyte	1 box (16-20)		
<b>9. Medicines for external use</b> <b>9.a Skin medicines</b> 9.a.1 Antiseptic solution	100ml solution or pre-impregnated wipes containing 0.015% w/v chlorhexidine and 0.15% w/v cetrimide	1 bottle or 1 pack of wipes		
9.a.2 Antibiotic ointments	Neomycin / Bacitracin cream 15g tube	1		
9.a.3 Anti-inflammatory and analgesic ointments	i) Hydrocortisone 1% cream 15g tube ii) Proprietary NSAID gel / ointment	1 As required		
9.a.4 Anti mycotic skin creams	i) Benzoic ointment BP 50mg( benzoic acid 6%, alicylic acid 3%, in emulsifying ointment 15g ii) Miconazole nitrate 2% topical cream 30g iii) Clotrimazole 500mg pessary(if women on board)	1 1 1		
9.a.5 Burn preparations	i) Silver sulphadiazine 1% cream 50g tube ii) Proprietary antiseptic cream	1 -		

<b>9.b</b>	<b><i>Eye medicine (all eye drops in single dose form)</i></b>				
9.b.1	Antibiotic ointment	Chloramphenicol 1% 4g tube	1		
9.b.2	Antibiotic drops	Neomycin sulphate 0.5% 0.5ml	20		
9.b.3	Anti-inflammatory drop	Dexamethasone sodium phosphate 0.1% 0.5ml	20		
9.b.4	Anaesthetic drops	Amethocaine hydrochloride 0.5% 0.5ml	20		
9.b.5	Hypotonic drops	Pilocarpine nitrate 2% 0.5ml	20		
9.b.6	Diagnostic drops	Fluorescein sodium 1% 0.5ml(for detection of foreign bodies / scratches / ulcers)	20		
<b>9.c</b>	<b>Ear / Nasal medicines</b>				
9.c.1	Antibiotic / anti inflammatory solution	Antibiotic eardrops containing in each ml;neomycin 3,400 units, polymixin B sulphate 10,000 units, hydrocortisone 50mg(5ml dropper bottle)	1		
		Decongestant solution: Ephedrine nasal drops BP 0.5% ephedrine hydrochloride(10ml bottle)	1		
<b>9.d</b>	<b>Medicines for oral and throat infections</b>				
9.d.1	Antibiotic or antiseptic mouth washes	Chlorhexidine gluconate 0.2% mouthwash 300 ml	1		
<b>9.e</b>	<b>Local anaesthetics</b>				
9.e.1	Local anaesthetic gel	Lignocaine / Lidscaine gel 2%, chlorlexidine 0.25% in lubricant(syringe)	-		

9.e.2	Local anesthetic given by subcutaneous injection hydrochloride 1% 50mg in 5ml for injection	Lignocaine / Lidocaine	5		
9.e.3	Dental anaesthetic and antiseptic mixture	i) Proprietary gel e.g. Bonjela	1		
		ii) Oil of cloves 10ml	1		

	<b>MEDICAL EQUIPMENT</b>	<b>Recommended Specification</b>			
<b>1.</b>	<b>Resuscitation equipment</b>				
1.1	Equipment for mouth to mouth resuscitation	Pocket face mask with valve and O <sub>2</sub> inlet Guedal Airway sizes 3 & 4	1 1		
1.2	Mechanical aspirator to clear upper respiratory passages	Aspirator to clear airways (manual, hand operated) + 2 catheters	1		

1.3	Appliance for the administration of oxygen with pressure – reducing valve such that ship's industrial oxygen can be used or oxygen container	Oxygen giving set comprising of the following: 1) Oxygen reservoir(eg D size 300ltr cylinder) 2) 1 flow meter unit giving a minimum setting of not less than 4 ltrs per minute 3) 1 pressure regulating unit 4) 1 set of tubing 5) 5× 24% oxygen disposable face masks 6) 5× high concentration oxygen disposable face masks with a reservoir. Each part constructed so that it can only be assembled in the correct manner.	1		
<b>2.</b>	<b>Dressing and suturing equipment</b>				
2.1	Adhesive elastic bandage	Adhesive elastic bandage 7.5cm × 4m Crepe bandage 7.5cm × 4m	1 4		
2.2	Tubular gauze for finger bandages	20m length with applicator	1		
2.3	Disposable gloves	Latex free, vinyl	25 pairs		
2.4	Adhesive dressings	Assorted sterile	40		
2.5	Sterile bandage with unmedicated dressing(Ambulance dressings)	1) Medium, No.1 (12 × 10)cm 2) Large, No.2 (20 × 15) cm 3) Extra large, No.3 (28 × 20) cm	3 3 2		
2.6	Adhesive sutures	75mm adhesive suture strips	6		

2.7	Sterile gauze swabs	Packet containing 5 sterile gauze pads size 7.5cm × 7.5cm	5		
2.8	Sterile sheet for burns victims		1		
2.9	Triangular sling / bandage		4		
2.10	Paraffin gauze dressings, size 10cm 10cm		10		
2.11	Cotton wool bag		1		
<b>3.</b>	<b>Instruments</b>				
3.1	Stainless steel instrument box		1		
3.2	Scissors	Stainless steel dressing scissors Sharp pointed scissors ( WHO 49 )	1 1		
3.3	Dissecting forceps	Toothed	1		
3.4	Haemostatic clamps		1		
<b>4.</b>	<b>Examination and monitoring equipment</b>				
4.1	Disposable tongue depressors		10		
4.2	Temperature charts		10		
4.3	Stethoscope		1		
4.4	Aneroid sphygmo manometer		1		
4.5	Standard medical thermometer		1		
4.6	Hypothermic thermometer		1		

<b>5.</b>	<b>Equipment for injection, perfusion, puncture and catheterisation</b>				
5.1	Disposable syringes	2ml, 5ml, 10ml ( WHO 103 )	5 of each		
5.2	Disposable hypothermic needles	(21G) 0.8mm and (25G) 0.5mm ( WHO 103 )	1		
<b>6.</b>	<b>Immobilization and setting equipment</b>				
6.1	Malleable finger splint		1		
6.2	Malleable forearm and hand splint		1		
6.3	Inflatable splint	Set of four (Half leg, full leg, half arm and full arm)	1		
6.4	Thigh splint	e.g. Thomas splint, Donway etc	1		
6.5	Collar for neck immobilization	Adult size pack of 3, small, medium and large or adjustable collar	1		
7.6	Neil-Robertson stretcher or vacuum mattress		1		
<b>7.</b>	<b>Disinfection, disinsectization and prophylaxis</b>				
7.1	Water disinfection compound	In Liquid form- litres	5		
7.2	Insecticide, one for every three cabins/spaces	In aerosol form	1		



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## SCHEDULE IV

### GENERAL FRAMEWORK FOR THE INSPECTION OF VESSEL'S MEDICAL SUPPLIES

#### SHIPS CATEGORY C

**I. (*Ship's identity*)**

**Name :** \_\_\_\_\_

**Flag:** \_\_\_\_\_

**I.M.O. Number:** \_\_\_\_\_

**Port of Registry:** \_\_\_\_\_



## II. Medical supplies

			Recommended quantity for 10 seafarers)	On board available quantities	Comments (e.g. expiry date)
	<b>MEDICINES</b>	<b>Recommended Medicine &amp; dosage strength</b>			
<b>1.</b>	<b>Cardiovascular</b>				
1.a	Anti – angina preparations	Glyceryl Trinitrate Spray 400 micrograms/metered 200 dose aerosol	1 Unit		
<b>2.</b>	<b>Gastro – intestinal system medicines</b>				
2.a	Anti – emetics	i) Hyoscine hydrobromide 0.3mg tablets or Cinnarizine 15mg tablets	60 60		
2.b	Anti – diarrhoeals	Loperamide 2mg capsules	30		
<b>3</b>	<b>Analgesics and anti – spasmodics</b>				
3.a	Analgesics, anti – pyretics and anti – inflammatory preparations	i) Paracetamol 500mg tablets and ii) Ibuprofen 400mg tablets	50 50		
<b>4.</b>	<b>Nervous system</b>				

4.a	Seasickness remedies	Hyoscine hydrobromide 0.3mg tablets or Cinnarizine 15mg tablets	60 60		
<b>5.</b>	<b>Medicines for external use</b>				
<b>5.a</b>	<b>Skin medicines</b>				
5.a.1	Antiseptic solution	100ml solution or pre-impregnated wipes containing 0.015% w/v chlorhexidine and 0.15% w/v cetrimide	1 bottle or 1 pack of wipes		
5.a.2	Anti-inflammatory and analgesic ointments	Proprietary NSAID gel / ointment	As required		
5.a.3	Burn preparations	Proprietary antiseptic cream	1		
	<b>IATPIKO YAIKO (MEDICAL EQUIPMENT)</b>	<b>Recommended Specification</b>			
<b>1.</b>	<b>Resuscitation equipment</b>				
1.1	Equipment for mouth to mouth resuscitation	Pocket face mask with valve and O <sub>2</sub> inlet Guedal Airway sizes 3 & 4	1 -		
<b>2.</b>	<b>Dressing and suturing equipment</b>				
2.1	Adhesive elastic bandage	Adhesive elastic bandage 7.5cm × 4m	1		
2.2	Disposable gloves	Latex free, vinyl	5 pairs		
2.3	Adhesive dressings	Assorted sterile	20		
2.4	Sterile bandage with unmedicated dressing(Ambulance dressings)	1) Medium, No.1 (12 × 10)cm 2) Large, No.2 (20 × 15) cm 3) Extra large, No.3 (28 × 20) cm	2 2 1		
2.5	Adhesive sutures	75mm adhesive suture strips	6		

2.6	Sterile gauze swabs	Packet containing 5 sterile gauze pads size 7.5cm × 7.5cm	1		
2.7	Cotton wool bag		1		
<b>3.</b>	<b>Disinfection, disinsectization and prophylaxis</b>				
3.1	Insecticide, one for every three cabins/spaces	In aerosol form	1		