



TUVALU SHIP REGISTRY

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MARINE CIRCULAR

No. 19

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FOR: Ship Owners, Ship Managers, Ship Operators, Ship Masters, and Ship Officers

PURPOSE: All Tuvalu ships are required to have on board a Ship's Medicine Chest to ensure the health and safety of the ship's crew. Tuvalu has accepted the basic standards set by the World Health Organization (WHO), a specialized agency of the United Nations, that has set standards for medicines and medical supplies that should be maintained on board vessels. This Guideline is intended for use by Tuvalu ships that have not yet adopted a standard.

APPLICABILITY: This notice applies to all international sea-going Tuvalu ships.

REFERENCES: World Health Organization (WHO) International Medical Guide.

GUIDELINES:

General Provisions

There are other Flag States that have established standards that are equal to, exceed, and/or are more up-to-date than the WHO standards. If these standards are equal to, or exceed, WHO standards, they shall be considered in compliance with Tuvalu's requirements.

Assumptions

These guidelines are based on several assumptions:

1. Officers designated as "medical care providers" must have proper and adequate training in accordance to STCW standards with regards to the proper utilization of all medicines or medical supplies on board.
2. Reference material or information relating to the use of the medicines carried must be available on board the vessel.
3. Medical instructions and their labels should be in a language that is understood by the crew.



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4. The Master's Medical Guide, or equivalent, should be used as a reference and appropriate radio medical consultation is used for assistance with diagnosis and treatment.

Requirements of the Ship

1. The requirements of the Ship's Medicine List will be based on the vessel's route and number of persons on board.
2. Please refer to Annex 1 for the minimum carriage requirements for medicines and medical equipment to be carried by ships as set by the WHO standards.
3. For mobile and immobile floating production, storage and offloading units (FPSOs) and floating storage units (FSUs), ship owners and operators may, on advice of a qualified medical practitioner or pharmacist, establish the required Medicine List based on the nature of vessel employment, number of crew, distance offshore, availability of immediate MEDEVAC, industry standards, etc. This applies to both WHO standards and any equivalent guidelines.

Requirements for Controlled Drugs

1. Controlled drugs are drugs that are graded according to the harmfulness attributed to the drug when it is misused. For this purpose, there are three drug categories:
 - Class A includes heroin, morphine, and opium
 - Class B includes barbiturates and codeine
 - Class C includes, among other drugs, anabolic steroids
2. A ship shall not carry excess quantities of Class A or Class C drugs unless an explanation is provided to Tuvalu and permission has been granted. Morphine Sulphate is the only Class A drug authorized to be carried aboard Tuvalu ships.
3. It is illegal to destroy Class A and Class B drugs. They can be disposed of by giving them to a person who may lawfully supply them, such as a qualified doctor or a pharmacist. An appropriate receipt shall be obtained and an entry made in the medical log regarding their disposition.
4. As certain countries forbid the sale of controlled drugs to ships not registered in that country, ship managers are encouraged to become familiar with the controlled drug distribution laws in the countries where their ships are trading and to communicate directly with the respective authorities to understand the alternatives available for the procurement and delivery of controlled drugs to ships operating in these countries.



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Requirements on the Carriage of Defibrillators

1. It is not mandatory under international or national legislation for ships to carry defibrillators. It is up to individual ship operators to decide whether or not to include a defibrillator on board their ships.
2. However, if a defibrillator is carried, Tuvalu RECOMMENDS that systems be in place to ensure regular maintenance of the equipment (in accordance with manufacturer's instructions), and adequate training for the first aid providers, including regular refresher training (at least every six months). Training should also particularly cover care of the patient after defibrillation since immediate hospitalization facilities may not be possible most of the time.

Requirements for Ship's Carrying Dangerous Cargoes

1. Ships, including ferries, carrying dangerous cargoes or their residues, should comply with the International Maritime Dangerous Goods (IMDG) Code and the guidance in the IMO/WHO/ILO Medical First Aid Guide (MFAG 1994 and any subsequent amendments) for use in accidents involving Dangerous Goods.

Other Requirements

1. All medicines should be kept by the Master, or a responsible officer, to ensure that the medications are properly dispensed and that records are kept on their usage.
2. The WHO standards and any equivalent guidelines are minimum carriage requirements. For this reason, the Ship's Medicine List must be inventoried frequently and re-supplied as necessary. In any case, the ship's medicine chest should be inventoried at least once a year.
3. Medicines with expiration dates must be replaced at the earliest possible time after the expiry date, and in any case within three (3) months of the expiration date. Once replaced, expired medicines must be removed from the vessel and disposed of properly.



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Annex 1

Minimum Carriage Requirements for Medicines and Medical Supplies

Vessel	Number of Persons	Requirement
Oceangoing ships	Up to 40	Table I
	41 to 99	Double Table I
	Over 100	Doctor on board
Fishing vessels on extended voyages	Up to 40	Table II
Coastal, Great Lakes or nearby foreign ports with voyages not more than 12 hours	Up to 25	Table II
Fishing vessels on voyages of seven days or less and in close proximity to a port of call and pleasure yachts on voyages more than 175 miles from safe harbor	Up to 15	Table III
Mobile and immobile floating production, storage and offloading units (FPSOs) and floating storage units (FSUs)	n/a	See Note (1)
Pleasure yachts on voyages not more than 60 miles from safe harbor	Up to 15 More than 15	Table IV Double Table IV
Pleasure yachts on voyages more than 60 miles but less than 175 miles from safe harbor	Up to 15 More than 15	Double Table IV Table III
Ro-Ro Passenger Ships not normally carrying a medical doctor – Emergency Medical Kit/Bag	N/A	Table V
Vessels that normally carry six (6) or fewer persons	6 or fewer	Commercially available kit

Note: Owners and operators may, on advice of a qualified medical practitioner or pharmacist, establish the requisite Medicine Chest based upon the nature of vessel employment, number of crew, distance offshore, availability of immediate MEDEVAC, industry standards, etc.



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Table I

**INTERNATIONAL MEDICAL GUIDE FOR SHIPS
 WORLD HEALTH ORGANIZATION (WHO) A-LIST**

Product	Size	Quantity
Aspirin 325 mg Tablets-100 tablets per	100	6
Alcohol 70% Rubbing Isopropyl-16 oz bottles	16 oz	6
Aluminum Acetic Acid 2% Otic Solution (Domeboro) 60 ml	60 ml	2
Aluminum Acetate Powder (Domeboro)-12 oz	12 oz	2
Alumina and Magnesia Gel (Maalox)-12 oz	12 oz	6
Alumina and Magnesia Tablets (Maalox)-100 tablets per	100	10
Aminophylline 500 mg Suppositories Disc By Mfg.-10 pack	10 pack	2
Amitriptyline 25 mg Tablets (Elavil)-100 tablets per	100	1
Ampicillin 250 mg Capsules-100 capsules per	100	3
Hemorrhoidal Suppositories-12 pack	12 pack	6
Vitamin C 250 mg Tablets (Ascorbic Acid)-100 tablets per	100	3
Atropine Sulfate 0.4 mg/ml Injection-1 ml units	1 ml	60
Ampicillin 1 gm Injection-Each	Each	20
Tolnaftate 1% Cream (Tinactin)-15 gm tube	15 gm	4
Calamine Lotion-4 oz size	4 oz	8
Calcium Gluconate 648 mg Tablets-Each	Each	30
Hibiclens Solution (Chlorhexidine Gluconate)-16 oz	16 oz	3
Charcoal, Activated Powder-227g	227g	1
Chloroquine 250 mg Tablets-100 tablets per	100	1
Chlorphenamine Maleate 4 mg Tablets-100 tablets per	100	1
Diphenhydramine 50 mg/ml Injection (Benadryl)-1 ml units	1 ml	20
Chlorpromazine 25 mg Tablets (Thorazine)-Each	Each	100
Chlorpromazine 25 mg/ml Injection (Thorazine)-1 ml units	1 ml	20
Clove Oil-1 oz	1 oz	2
Acetaminophen W/Codeine 30 mg Tablets (Tylenol)-100 tablets per	100	1
Meclizine 25 mg Tablets (Antivert)-100 tablets per	100	4
Dextran 6% & 0.9% Sodium Chloride IV Injection-500 ml units	500 ml	6
Diazepam 5 mg/ml Injection (Valium)-2 ml units	2 ml	20
Diazepam 5 mg Tablets (Valium)-100 tablets per	100	2



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Product	Size	Quantity
Dimercaprol 100 mg/ml Injection-2 ml units	2 ml	6
Doxycycline 100 mg Capsules-50 capsules per	50	4
Ephedrine Sulfate 25 mg Capsules-100 capsules per	100	1
Epinephrine 1 mg/ml Injection-1 ml units	1 ml	20
Methergine 0.2 mg/1 ml Injection-1 ml units	1 ml	10
Erythromycin 250 mg Tablets-100 tablets per	100	3
Tetracaine 0.5% Ophth Solution (Pontocaine)-15 ml units	15 ml	2
Triple Antibiotic Ophth Solution-10 ml units	10 ml	3
Triple Antibiotic Ophth Ointment (Neosporin)-3.5 gm	3.5 gm	6
Eye Wash Sterile-4 oz	4 oz	6
Fluorets Sodium Eye Strips-100 per box	100	2
Furosemide 40 mg Tablets (Lasix)-100 tablets per	100	1
Nitro-Quick 0.4 mg Sublingual Tablets-25	25	2
Solu-Cortef 100 mg Vial Injection (Hydrocortisone)-Each	Each	5
Hydrocortisone 1% Ointment-1 oz	1 oz	6
Ichthammol 10% Ointment-1 oz	1 oz	6
Insect Repellent Pump-2 oz	2 oz	12
Iodine Tincture 2% Mild-1 oz	1 oz	10
Xylocaine 1% 10 mg/ml Injection (Lidocaine)-2 ml units	2 ml	12
Lindane Lotion (Kwell)-2 oz	2 oz	12
Milk Of Magnesia-12 oz	12 oz	8
Metronidazole 250 mg Tablets (Flagyl)-100 tablets per	100	5
Miconazole Vaginal Cream (Micatin)-45 gm	45 gm	5
Miconazole Vaginal Suppositories 7 W/Applicator-Each	Each	3
Mineral Oil Heavy-16 oz	16 oz	1
Morphine Sulfate 10 mg/ml Injection-1 ml units	1 ml	20
Naloxone Hydrochloride 0.4 mg/ml Injection (Narcan)-1 ml units	1 ml	6
Triple Antibiotic Ointment (Neosporin)-1 oz	1 oz	20
Electrolyte Tablets-100 tablets per	100	1
Oxygen Refill Size "D"-Each	Each	2
Acetaminophen 500 mg Tablets (Tylenol)-100 tablets per	100	3
Petrolatum Ointment-1 oz	1 oz	12
Phenobarbital 30 mg Tablets-100 tablets per	100	3



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Product	Size	Quantity
Penicillin VK 250 mg Tablets-100 tablets per	100	3
Pilocarpine 2% Ophth Solution (Isopto Carpine)-15 ml units	15 ml	2
Potassium Permanganate Crystal-500g	500g	1
Probenecid 500 mg Tablets (Benemid)-100 tablets per	100	2
Ampicillin 500 mg Injection-Each	Each	20
Proguanil 100 mg (Pauludrine)-100	100	1
Pinworm Caplets (Pyrantel)-24	24	2
Quinine Sulfate 325 mg Capsules-100 capsules per	100	2
Quinine Dihydrochloride Injection 300 mg/ml-2 ml units	2 ml	20
Albuterol 17g Inhalation (Proventil)-200 Metered	200 Metered	2
Sodium Chloride 0.9% IV Injection-1000 ml units	1000 ml	6
IV Solution Set Vented W/Injection Site 15 drop/ml Each	Each	6
IV Solution Set 15 Drops/ml Macrodrop –Each	Each	6
Thermotabs (Enteric Coated Salt Tablets)-100 tablets per	100	20
Trobicin Sterile Powder Injection (Spectinomycin)	2 g	20
Sulfamethoxazole/Trimeth 400 mg/80 mg Tabs (Bactrim)-100 tablets per	100	2
Baby Powder J & J (Talc)-4 oz	4 oz	6
Tetanus Immune Globulin (Human) Prefilled Syringe-250 Units	250 Units	5
Tetanus Toxoid Prefilled Syringe Injection-0.5 ml units	0.5 ml	10
Antibiotic Otic Solution (Generic Cortisporin)-10 ml units	10 ml	10
Tetracycline 250 mg Capsules (Achromycin)-100 capsules per	100	3
Water For Injection Sterile-5 ml units	5 ml	30
Zinc Oxide Ointment-1 oz	1 oz	12
Emesis Basin-Each	Each	1
Wash Basin Plastic-Large	Large	1
Bed Pan Fracture-Each	Each	1
Cane Aluminum Adjustable #A756-Each	Each	1
Crutches Aluminum Complete-Adult Regular	Adult Regular	1
Eye Cup Glass-Each	Each	2
Funnel Stainless Steel-6 oz	6 oz	1
Cylinder Glass Double Scale-50 ml	50 ml	1



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Product	Size	Quantity
Cylinder Glass Double Scale-500 ml	500 ml	1
Heating Pad Cara Dry #50-Each	Each	1
Hot Water Bottle/Ice Bag 2 Quart-Each	Each	1
Stokes Litter Basket-Each	Each	1
Magnifying Glass 2-1/2"-Each	Each	1
Stretcher Neil Robertson-Each	Each	1
Oxygen Unit (Complete) W/Case For "D" Size Tank-Each	Each	1
Oxygen Cylinder Size "D" Empty-Each	Each	1
Refrigerator Walnut Color-Each	Each	1
Restraints Wrist/Ankle Padded Pair-Each	Each	1
Straight Jacket-Each	Each	1
Bedrails Home Style #32-GF6408 -1-Pair	Pair	1
Resuscitator Bag Adult Disp. w/Mask & Tubing-Each	Each	1
Inflatable Ring Rubber-Each	Each	1
Scale Doctor Plus 0-300 lb. -Each	Each	1*
Sphygmomanometer Aneroid #115-Each	Each	1
Splint Inflatable Kit-4 per kit	Each	1
Finger Splint Padded Assorted Sizes-3-Each	Each	2
Sterilizer Dri-Clave 15-1/2x10-1/2x9-1/2 115 Volt-Each	Each	1
Stethoscope Black-22"	22"	1
Thermometer Bath Flat Wood #50-1537-Each	Each	2
Instrument Tray Stainless Steel-8-1/2 x 3x1-1/2	8-1/2 x 3 x 1-1/2	1
Urinal Male Disposable-Each	Each	2
Waste Receptacle Step On 32 Qt White #58-8286-Each	Each	1
International Medical Guide For Ships-Each	Each	1*
Medical First Aid/Dangerous Goods-Each	Each	1*
International Health Regulations-Each	Each	1*
Vaccination Certificate Manual (WHO)-Each	Each	1
Airway Kit Nasopharyngeal -5 Sizes w/Case	5 Sizes	1
Scalpel Blades #10-Each	Each	6
Scalpel Blades #15-Each	Each	6
Forceps Dressing Bayonet-Shaped 7"-Each	Each	1



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Product	Size	Quantity
Forceps Halsted Mosquito Curved #20-2673-Each	Each	2
Forceps Kelly Straight-5-1/2"	5-1/2"	2
Forceps Kelly Curved-5-1/2"	5-1/2"	2
Forceps Splinter-3-1/2"	3-1/2"	1
Forceps Tissue 1x2 teeth-4-1/2"	4-1/2"	1
Scalpel Handle #3-Each	Each	2
Scissors Bandage-7-1/2"	7-1/2"	3
Scissors Operating Straight Sharp/Sharp-5-1/2"	5-1/2"	2
Hammer Taylor Type Reflex #15-1305-1-Each	Each	1
Needle Holder Mayo-Hager 5-1/2"-Each	Each	2
Tape Micropore Paper 2" x 10 yd -Each	Each	4
Tape Micropore Paper 1" x 10 yd -Each	Each	4
IV Butterfly Needle W/Tubing 19g x 3/4"-12"-Each	Each	6
Cotton Tipped Applicators 6"-100 per box	100	2
Elastic Bandage 4" x 4.5 yd -Each	Each	12
Elastic Bandage 3" x 4.5 yd -Each	Each	12
Elastic Bandage 2" x 4.5 yd -Each	Each	12
Elastic Bandage Cotton 2"-Each	Each	12
Flexilite Conforming Gauze Bandage 2"x4-1/2'-Each	Each	200
Flexilite Conforming Gauze Bandage 6"x4-1/2'-Each	Each	40
Flexilite Conforming Gauze Bandage 4"x4-1/2'-Each	Each	60
Gauze Telfa "Ouchless" Adhesive Pads 3"x4" Sterile-100 per box	100	30
Band Aid Adhesive Surgical Dressing 8"x6"-Each	Each	20
Triangular Bandage-Each	Each	4
Surgitube #2 7/8" x 5 yd -Each	Each	10
Bandage Spray-3 oz	3 oz	4
Vaseline Dressing 3"x18"-Each	Each	5
Vaseline Dressing 3"x9"-Each	Each	10
Vaseline Dressing 6" x 36"-Each	Each	5
Bandage Compress 4" (1 Per Box)-Each	Each	20
Bandage Compress 2" (4 Per Box)-Each	Each	3
Bandage Compress 3" (2 Per Box)-Each	Each	10
Bottle Plastic-2 oz	2 oz	50



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Product	Size	Quantity
Catheter Urethral –12 Fr	12 Fr	1
Catheter Urethral –14 Fr	14 Fr	1
Catheter Urethral - 6 Fr-Each	Each	1
Catheter Urethral – 8 Fr	8 Fr	1
Catheter Urethral - 16 Fr	16 Fr	1
Catheter Tray Urethral – 14 Fr	14 Fr	3
Clinical Record Chart-	Each	50
Temperature Chart-50	50	1
Medical Report For Seafarers-Each	Each	100*
Cervical Collar Universal-3”	3”	1
Cotton Rolled Sterile-2 oz	2 oz	3
Cotton Rolled Sterile-1/2 oz	1/2 oz	20
Cotton Rolled Sterile-4 oz	4 oz	10
Finger Cots Assorted Sizes Sm., Med., & Large-12	12	1
Penlight Heavy Duty W/batteries-Each	Each	1
Surgitube #1 5/8” x 5 yd - Each	Each	5
Gloves Latex Surgical “Sterile” Size 8-Each	Each	12
Gown Surgical Disposable-Each	Each	5
Face Mask W/Elastic Band “Unigloves”-50 per box	50	1
Medicine Cups Plastic 1 oz-100	100	1
Microscope Slides 1x3 Plain-Each	Each	100
Body Bag-Each	Each	2
Needle Disposable 25g x 5/8”-Each	Each	36
Needle Disposable 18g x 1-1/2”-Each	Each	18
Needle Disposable 21g x 1-1/2”-Each	Each	12
Hematest Reagent Tablets-100 tablets per	100	1
Surgipad Combine Dressing 8”x10” Sterile-Each	Each	6
Eye Pad Large Sterile-12 per box	12	1
Gauze Pads Non-Adherent 3”x4” Sterile-100 per box	100	1
Safety Pins Assorted Sizes-50 per	50 each	2
Brush (Surgeons Scrub)-Each	Each	2
Condoms Lubricated-Each	Each	50
Sheet waterproof 36x72”-Each	Each	2



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Product	Size	Quantity
Butterfly Closure Medium-100-Each	Each	1
Steri Strip 1/2"x4"-6 per	6	2
Sutures Chromic Gut 2-0 27" FS1 Needle #637G-Each	Each	12
Sutures Silk 3-0 18" FS-2 Needle #684G-Each	Each	24
Sutures Chromic Gut 3-0 27" FS2 Needle #636G-Each	Each	12
Sutures Nylon 5-0 18" FS-2 Needle #661G-Each	Each	12
Suture Removal Kit-Each	Each	1
Glass Syringe 2 ml-Each	Each	4
Glass Syringe 20 ml-Each	Each	2
Glass Syringe 5 ml-Each	Each	4
Syringe & Needle 3 cc 21g x 1-1/2"-Each	Each	50
Syringe & Needle 5 cc 21g x 1-1/2"-Each	Each	30
Syringe & Needle 3 cc 25g x 5/8"-Each	Each	50
Chemstrip 9 -100	100	1
Clinitest Tablets/Urine Sugar-36 tablets per	36	3
Kleenex-250 sheets per box	250 per box	6
Thermometer Dual Scale Oral-Each	Each	6
Tourniquet Grafkette Adult Size-Each	Each	1
Tongue Depressors Wood 6" Senior-Each	Each	100
Towels Poly-lined 18"x26"-Each	Each	24
Towels Cotton 18"x33"-12 Each	Each	12
Sterilized Pouches Tower Self Seal 3.5x8"-100 per	100	1
"Sharps" Disposal Box-Each	Each	1



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Table II

**INTERNATIONAL MEDICAL GUIDE FOR SHIPS
 WORLD HEALTH ORGANIZATION (WHO) B-LIST**

Product	Size	Quantity
Aspirin 325 mg Tablets-100 tablets per	100	3
Alcohol 70% Rubbing Isopropyl-16 oz bottles	16 oz	2
Aluminum Acetic Acid 2% Otic Solution (Domeboro) 60 ml units	60 ml	2
Alumina and Magnesia Tablets (Maalox)-100 tablets per	100	3
Aminophylline 500 mg Suppositories Disc By Mfg.-10	10	1
Amitriptyline 25 mg Tablets (Elavil)-100 tablets per	100	1
Ampicillin 250 mg Capsules-100 capsules per	100	1
Hemorrhoidal Suppositories-12 per unit	12	1
Vitamin C 250 mg Tablets (Ascorbic Acid)-100 tablets per	100	1
Atropine Sulfate 0.4 mg/ml Injection-1 ml units	1 ml	10
Tolnaftate 1% Cream (Tinactin)-15 gm tube	15 m	2
Calamine Lotion-4 oz	4 oz	1
Hibiclens Solution (Chlorhexidine Gluconate)-16 oz	16 oz	1
Charcoal, Activated Powder-227g	227g	1
Chloroquine 250 mg Tablets-100 tablets per	100	1
Chlorphenamine Maleate 4 mg Tablets-100 tablets per	100	1
Diphenhydramine 50 mg/ml Injection (Benadryl)-1 ml units	1 ml	10
Chlorpromazine 25 mg Tablets (Thorazine)-Each	Each	40
Chlorpromazine 25 mg/ml Injection (Thorazine)-1 ml units	1 ml	10
Clove Oil-1 oz	1 oz	1
Acetaminophen w/Codeine 30 mg Tablets (Tylenol)-100 tablets per	100	1
Meclizine 25 mg Tablets (Antivert)-100 tablets per	100	1
Diazepam 5 mg Tablets (Valium)-100 tablets per	100	1
Dimercaprol 100 mg/ml Injection-2 ml units	2 ml	2
Epinephrine 1 mg/ml Injection-1 ml units	1 ml	10
Erythromycin 250 mg Tablets-100 tablets per	100	1
Tetracaine 0.5% Ophth Solution (Pontocaine)-15 ml units	15 ml	1
Triple Antibiotic Ophth Solution-10 ml units	10 ml	2
Triple Antibiotic Ophth Ointment (Neosporin)-3.5 gm	3.5 gm	3



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Product	Size	Quantity
Eye Wash Sterile-4 oz bottle	4 oz	1
Nitro-Quick 0.4 mg Sublingual Tablets-25 tablets per	25	1
Hydrocortisone 1% Ointment-1 oz	1 oz	2
Ichthammol 10% Ointment-1 oz	1 oz	4
Insect Repellent Pump-2 oz	2 oz	6
Iodine Tincture 2% Mild-1 oz	1 oz	5
Lindane Lotion (Kwell)-2 oz	2 oz	2
Milk Of Magnesia-12 oz	12 oz	2
Metronidazole 250 mg Tablets (Flagyl)-100 tablets per	100	2
Miconazole Vaginal Cream (Micatin)-45 gm	45 gm	2
Miconazole Vaginal Suppositories 7 W/Applicator-7 per	7	2
Mineral Oil Heavy-16 oz	16 oz	1
Morphine Sulfate 10 mg/ml Injection-1 ml units	1 ml	1
Triple Antibiotic Ointment (Neosporin)-1 oz	1 oz	10
Electrolyte Tablets-100 tablets per	100	1
Oxygen Refill Size "D"-Each	Each	1
Acetaminophen 500 mg Tablets (Tylenol)-100 tablets per	100	1
Petrolatum Ointment-1 oz	1 oz	4
Phenobarbital 30 mg Tablets-100 tablets per	100	1
Penicillin VK 250 mg Tablets-100 tablets per	100	1
Pilocarpine 2% Ophth Solution (Isopto Carpine)-15 ml units	15 ml	1
Potassium Permanganate Crystal-500g	500g	1
Probenecid 500 mg Tablets (Benemid)-100 tablets per	100	1
Ampicillin 500 mg Injection-Each	Each	10
Proguanil 100 mg (Pauludrine)-100	100	1
Albuterol 17g Inhalation (Proventil)-200 Metered	200 Metered	1
Sodium Chloride 0.9% IV Injection-1000 ml units	1000 ml	2
IV Solution Set Vented W/Injection Site 15 drop/ml Each	Each	2
IV Solution Set 15 Drops/ml Macro drip -Each	Each	2
Thermotabs (Enteric Coated Salt Tablets)-100 tablets per	100	10
Sulfamethoxazole/Trimeth 400 mg/80 mg Tabs (Bactrim)-100 tablets per	100	1
Baby Powder J & J (Talc)-4 oz	4 oz	3



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Product	Size	Quantity
Antibiotic Otic Solution (Generic Cortisporin)-10 ml units	10 ml	5
Tetracycline 250 mg Capsules (Achromycin)-100 capsules per	100	1
Water For Injection Sterile-5 ml units	5 ml	20
Zinc Oxide Ointment-1 oz	1 oz	3
Emesis Basin-Each	Each	1
Wash Basin Plastic-Large	Large	1
Bed Pan Fracture-Each	Each	1
Cane Aluminum Adjustable #A756-Each	Each	1
Eye Cup Glass-Each	Each	1
Funnel Stainless Steel-6 oz	6 oz	1
Cylinder Glass Double Scale-50 ml	50 ml	1
Cylinder Glass Double Scale-500 ml	500 ml	1
Heating Pad Cara Dry #50-Each	Each	1
Hot Water Bottle/Ice Bag 2 Quart-Each	Each	1
Stokes Litter Basket-Each	Each	1
Magnifying Glass 2-1/2"-Each	Each	1
Stretcher Neil Robertson-Each	Each	1
Oxygen Unit (Complete) W/Case For "D" Size Tank-Each	Each	1
Oxygen Cylinder Size "D" Empty-Each	Each	1
Refrigerator Walnut Color-Each	Each	1
Restraints Wrist/Ankle Padded Pair-Each	Each	1
Straight Jacket-Each	Each	1
Bedrails Home Style #32-GF6408 -1-Pair	Pair	1
Resuscitator Bag Adult Disp. W/Mask & Tubing-Each	Each	1
Sphygmomanometer Aneroid #115-Each	Each	1
Splint Inflatable Kit-4 per kit	Each	1
Finger Splint Padded Assorted Sizes-3-Each	Each	2
Sterilizer Dri-Clave 15-1/2x10-1/2x9-1/2 115 Volt-Each	Each	1
Stethoscope Black-22"	22"	1
Thermometer Bath Flat Wood #50-1537-Each	Each	1
Urinal Male Disposable-Each	Each	1
International Medical Guide For Ships-Each	Each	1
Medical First Aid/Dangerous Goods-Each	Each	1



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Product	Size	Quantity
International Health Regulations-Each	Each	1
Airway Kit Nasopharyngeal -5 Sizes w/Case	5 Sizes w/Case	1
Scalpel Blades #10-Each	Each	6
Scalpel Blades #15-Each	Each	6
Forceps Dressing Bayonet-Shaped 7"-Each	Each	1
Forceps Splinter-3-1/2"	3-1/2"	1
Forceps Tissue 1x2 teeth-4-1/2"	4-1/2"	1
Scalpel Handle #3-Each	Each	1
Scissors Bandage-7-1/2"	7-1/2"	1
Scissors Operating Straight Sharp/Sharp-5-1/2"	5-1/2"	1
Needle Holder Mayo-Hager 5-1/2"-Each	Each	1
Tape Micropore Paper 2" x 10 yd -Each	Each	3
Tape Micropore Paper 1" x 10 yd -Each	Each	3
IV Butterfly Needle W/Tubing 19g x 3/4"-12"-Each	Each	1
Cotton Tipped Applicators 6"-100 per box	100	1
Elastic Bandage 3" x 4.5 yd -Each	Each	6
Elastic Bandage 2" x 4.5 yd -Each	Each	6
Elastic Bandage Cotton 2"-Each	Each	12
Flexilite Conforming Gauze Bandage 2"x4-1/2'-Each	Each	100
Flexilite Conforming Gauze Bandage 6"x4-1/2'-Each	Each	20
Flexilite Conforming Gauze Bandage 4"x4-1/2'-Each	Each	30
Gauze Telfa "Ouchless" Adhesive Pads 3"x4" Sterile-100 per box	100	15
Band Aid Adhesive Surgical Dressing 8"x6"-Each	Each	10
Triangular Bandage-Each	Each	2
Surgitube #2 7/8" x 5 yd -Each	Each	5
Bandage Spray-3 oz	3 oz	2
Vaseline Dressing 3"x18"-Each	Each	2
Vaseline Dressing 3"x9"-Each	Each	5
Vaseline Dressing 6" x 36"-Each	Each	2
Bandage Compress 4" (1 Per Box)-Each	Each	10
Bandage Compress 2" (4 Per Box)-Each	Each	3
Bandage Compress 3" (2 Per Box)-Each	Each	5



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Product	Size	Quantity
Bottle Plastic-2 oz	2 oz	20
Catheter Urethral –12 Fr	12 Fr	1
Catheter Urethral –14 Fr	14 Fr	1
Catheter Urethral - 6 Fr-Each	Each	1
Catheter Urethral – 8 Fr	8 Fr	1
Catheter Urethral - 16 Fr	16 Fr	1
Catheter Tray Urethral – 14 Fr	14 Fr	1
Clinical Record Chart-Each	Each	10
Temperature Chart-50	50	1
Medical Report For Seafarers-Each	Each	50
Cotton Rolled Sterile-2 oz	2 oz	1
Cotton Rolled Sterile-1/2 oz	1/2 oz	10
Cotton Rolled Sterile-4 oz	4 oz	5
Finger Cots Assorted Sizes Sm., Med., & Large-12	12	1
Penlight Heavy Duty W/batteries-Each	Each	1
Surgitube #1 5/8” x 5 yd - Each	Each	2
Face Mask W/Elastic Band “Unigloves”-50 per box	50	1
Medicine Cups Plastic 1 oz-100	100	1
Microscope Slides 1x3 Plain-Each	Each	50
Body Bag-Each	Each	1
Needle Disposable 25g x 5/8”-Each	Each	6
Needle Disposable 18g x 1-1/2”-Each	Each	6
Needle Disposable 21g x 1-1/2”-Each	Each	6
Surgipad Combine Dressing 8”x10” Sterile-Each	Each	3
Eye Pad Large Sterile-12 per box	12	1
Gauze Pads Non-Adherent 3”x4” Sterile	Each	50
Safety Pins Assorted Sizes-50 per	50	1
Brush (Surgeons Scrub)-Each	Each	2
Condoms Lubricated-Each	Each	50
Sheet waterproof 36x72”-Each	Each	1
Butterfly Closure Medium-100-Each	Each	1
Steri Strip 1/2”x4”-6	6	1
Sutures Silk 3-0 18” FS-2 Needle #684G-Each	Each	12



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Product	Size	Quantity
Glass Syringe 2 ml-Each	Each	2
Glass Syringe 20 ml-Each	Each	1
Glass Syringe 5 ml-Each	Each	2
Syringe & Needle 3 cc 21g x 1-1/2"-Each	Each	25
Syringe & Needle 5 cc 21g x 1-1/2"-Each	Each	25
Syringe & Needle 3 cc 25g x 5/8"-Each	Each	25
Chemstrip 9 -100	100	1
Kleenex-250 sheets per box	250 per box	3
Thermometer Dual Scale Oral-Each	Each	2
Tourniquet Grafkette Adult Size-Each	Each	1
Tongue Depressors Wood 6" Senior-Each	Each	50
Towels Poly-lined 18"x26"-Each	Each	12
"Sharps" Disposal Box-Each	Each	1



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Table III

**INTERNATIONAL MEDICAL GUIDE FOR SHIPS
 WORLD HEALTH ORGANIZATION (WHO) C-LIST**

Product	Size	Quantity
Aspirin 325 mg Tablets-100 tablets per	100	2
Alcohol 70% Rubbing Isopropyl-16 oz	16 oz	1
Aluminum Acetic Acid 2% Otic Solution (Domeboro) 60 ml units	60 ml	2
Alumina and Magnesia Tablets (Maalox)-100 tablets per	100	3
Calamine Lotion-4 oz	4 oz	1
Hibiclens Solution (Chlorhexidine Gluconate)-16 oz	16 oz	1
Charcoal, Activated Powder-227g	227g	1
Chloroquine 250 mg Tablets-100 tablets per	100	1
Chlorpromazine 25 mg Tablets (Thorazine)-Each	Each	20
Clove Oil-1 oz	1 oz	1
Meclizine 25 mg Tablets (Antivert)-100 tablets per	100	1
Dimercaprol 100 mg/ml Injection-2 ml units	2 ml	1
Epinephrine 1 mg/ml Injection-1 ml units	1 ml	10
Triple Antibiotic Ophth Solution-10 ml units	10 ml	1
Triple Antibiotic Ophth Ointment (Neosporin)-3.5 gm	3.5 gm	1
Eye Wash Sterile-4 oz	4 oz	1
Nitro-Quick 0.4 mg Sublingual Tablets-25 tablets per	25	1
Hydrocortisone 1% Ointment-1 oz	1 oz	2
Ichthammol 10% Ointment-1 oz	1 oz	1
Insect Repellent Pump-2 oz	2 oz	2
Iodine Tincture 2% Mild-1 oz	1 oz	2
Milk Of Magnesia-12 oz	12 oz	2
Triple Antibiotic Ointment (Neosporin)-1 oz	1 oz	5
Electrolyte Tablets-100 tablets per	100	1
Acetaminophen 500 mg Tablets (Tylenol)-100 tablets per	100	1
Petrolatum Ointment-1 oz	1 oz	4
Proguanil 100 mg (Pauludrine)-100	100	1
Thermotabs (Enteric Coated Salt Tablets)-100 tablets per	100	10
Baby Powder J & J (Talc)-4 oz	4 oz	3



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Product	Size	Quantity
Antibiotic Otic Solution (Generic Cortisporin)-10 ml units	10 ml	1
Zinc Oxide Ointment-1 oz	1 oz	3
Eye Cup Glass-Each	Each	1
Funnel Stainless Steel-6 oz	6 oz	1
Cylinder Glass Double Scale-50 ml	50 ml	1
Cylinder Glass Double Scale-500 ml	500 ml	1
Stokes Litter Basket-Each	Each	1
Resuscitator Bag Adult Disp. W/Mask & Tubing-Each	Each	1
Sphygmomanometer Aneroid #115-Each	Each	1
Splint Inflatable Kit-4 per kit	Each	1
Finger Splint Padded Assorted Sizes-3-Each	Each	2
Stethoscope Black-22"	22"	1
International Medical Guide For Ships-Each	Each	1
Medical First Aid/Dangerous Goods-Each	Each	1
International Health Regulations-Each	Each	1
Airway Kit Nasopharyngeal -5 Sizes w/Case	5 Sizes w/Case	1
Forceps Dressing Bayonet-Shaped 7"-Each	Each	1
Forceps Splinter-3-1/2"	3-1/2"	1
Forceps Tissue 1x2 teeth-4-1/2"	4-1/2"	1
Scissors Bandage-7-1/2"	7-1/2"	1
Scissors Operating Straight Sharp/Sharp-5-1/2"	5-1/2"	1
Tape Micropore Paper 2" x 10 yd -Each	Each	1
Tape Micropore Paper 1" x 10 yd -Each	Each	1
Cotton Tipped Applicators 6"-100 per box	100	1
Elastic Bandage 3" x 4.5 yd -Each	Each	6
Elastic Bandage 2" x 4.5 yd -Each	Each	6
Elastic Bandage Cotton 2"-Each	Each	12
Flexilite Conforming Gauze Bandage 2"x4-1/2'-Each	Each	100
Flexilite Conforming Gauze Bandage 6"x4-1/2'-Each	Each	10
Flexilite Conforming Gauze Bandage 4"x4-1/2'-Each	Each	30
Gauze Telfa "Ouchless" Adhesive Pads 3"x4" Sterile-100 per	100	10
Band Aid Adhesive Surgical Dressing 8"x6"-Each	Each	5



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Product	Size	Quantity
Triangular Bandage-Each	Each	1
Surgitube #2 7/8" x 5 yd -Each	Each	2
Bandage Spray-3 oz	3 oz	1
Vaseline Dressing 3"x18"-Each	Each	1
Vaseline Dressing 3"x9"-Each	Each	2
Vaseline Dressing 6" x 36"-Each	Each	1
Bandage Compress 4" (1 Per Box)-Each	Each	5
Bandage Compress 2" (4 Per Box)-Each	Each	2
Bandage Compress 3" (2 Per Box)-Each	Each	5
Medical Report For Seafarers-Each	Each	50
Cotton Rolled Sterile-2 oz	2 oz	1
Cotton Rolled Sterile-1/2 oz	1/2 oz	5
Cotton Rolled Sterile-4 oz	4 oz	5
Finger Cots Assorted Sizes Sm., Med., & Large-12	12	1
Penlight Heavy Duty W/batteries-Each	Each	1
Surgitube #1 5/8" x 5 yd - Each	Each	1
Medicine Cups Plastic 1 oz-100	100	1
Surgipad Combine Dressing 8"x10" Sterile-Each	Each	3
Eye Pad Large Sterile-12 per	12	1
Gauze Pads Non-Adherent 3"x4" Sterile	Each	20
Safety Pins Assorted Sizes-50 per	50	1
Brush (Surgeons Scrub)-Each	Each	1
Condoms Lubricated-Each	Each	30
Sheet waterproof 36x72"-Each	Each	1
Butterfly Closure Medium-100-Each	Each	1
Syringe & Needle 3 cc 21g x 1-1/2"-Each	Each	10
Syringe & Needle 5 cc 21g x 1-1/2"-Each	Each	10
Syringe & Needle 3 cc 25g x 5/8"-Each	Each	10
Kleenex-250 sheets per box	250 per box	1
Thermometer Dual Scale Oral-Each	Each	2
Tourniquet Grafkette Adult Size-Each	Each	1
Tongue Depressors Wood 6" Senior-Each	Each	20
"Sharps" Disposal Box-Each	Each	1



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Table IV

Product	Size	Quantity
Commercially Available First Aid Kit with at least		
Meclizine 25 mg Tablets (Antivert)-50 tablets per	50	1
Acetaminophen 500 mg Tablets (Tylenol)-50 tablets per	50	1
Gloves, Latex Surgical "Sterile" Size 8	Pair	4
Stethoscope	22"	1
Medical First Aid Manual	Each	1*
Forceps Dressing Bayonet-Shaped 7"	Each	1*
Scissors Bandage-7	7-1/2"	1*
Flexilite Conforming Gauze Bandage 2"x4-1/2'	Each	6
Flexilite Conforming Gauze Bandage 6"x4-1/2'	Each	2
Band Aid, Medicated in assorted sizes	Each	20
Triangular Bandage	Each	2
Cotton Rolled Sterile	2 oz	2
Surgipad Combine Dressing 8"x10" Sterile	Each	2
Safety Pins Assorted Sizes-50 per	50	1
Butterfly Closure Medium	Each	10
Thermometer, Ordinary Range Clinical	Each	1*

* Only one (1) required if more than one (1) First Aid Kit is on board.



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Additional Equipment Recommended

Product	Size	Quantity
Face masks disposable-Each	Each	6
Plastic measuring jug ½ liter size	½ liter	1
Disposable paper towels-units of 100 each	100	1
Latex gloves surgical quality – sterile (large)	Large	5 pairs
Waterproof plastic sheeting, size 1m x 2m-Each	1m x 2m	1
“Sharps” disposal box-Each	Each	1
Lotion bowl (Size at least 200mm x 90mm, stainless steel or sterilisable plastic, to be marked “medical”)	200mm x 90mm	1
Kidney dish (Size 250mm stainless steel or sterilizable plastic)	250mm	1
Magnifying glass 7.5 cm diameter on handle	7.5 cm dia.	1
Nail brush-Each	Each	1
Stretcher equipment (A system for trauma management, i.e., immobilization and stretcher equipment most suited for treatment on the vessel concerned)	Each	1



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Table V

**“EMERGENCY MEDICAL KIT/BAG” FOR RO-RO PASSENGER SHIPS
 NOT NORMALLY CARRYING A MEDICAL DOCTOR**

Medical Equipment

Airway – Ventilation	Quantity
Oxygen giving set – (small portable)	1
Manual Resuscitator: (bag-valve – mask-resuscitator complete with oxygen reservoir and facemasks in 2 sizes)	1
Guedel Airway	in 3 sizes
Nebulizer with aerosol mask and oxygen tubing	1
Manual suction pump with:	1
Yankauer suction catheters	2
Flexible catheters FG 14 size	2
Laryngoscope with McIntosh spatula small, medium, large	1
Endotracheal tubes	range of sizes
Magill-forceps	1
Flexible introducer for endotracheal tube	1
Diagnostic	
Anaeroid Sphygmomanometer	1
Stethoscope	1
Diagnostic penlight	1
Blood test sticks – glucose	1 set
Blood test sticks – sterile	1 set
Electro-Cardiogram Monitor with telemetry facility	*
Automatic External Defibrillator (AED)	*
Infusion – Injection	
Disposable infusion set	2
IV indwelling cannulas (G 16, 18, 20)	2 of each
Adhesive dressing for indwelling cannulas	2
Disposable syringes 2, 5, 10 ml	2 of each
Sterile disposable Needles	6 (various sizes)
Tourniquet	1
“Sharps” disposable box	1
Sterile/antiseptic swabs	5

* Recommended depending on the assessment of risk involved, for e.g. length of voyage.



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Medicines

Cardiovascular	
Atropine (1mg ampoule)	3
Adrenaline/Epinephrine (1 mg / 1 ml ampoule)	5
Adrenaline/Epinephrine (10 mg / 1 ml ampoule)	5
Furosemide (20 mg ampoule)	4
Glyceryl trinitrate (spray)	1
Anti-Arrhythmics (If ECG monitoring available):	*
Digoxin, Lidocaine, Amiodarone, Adenosine, Magnesium Sulphate	*
Beta Blockers: Propanolol or equivalent (Ampoule)	1
Anti-Hypertension: Urapidil (ampoule)	1
Anticoagulants / Thrombolytics:	
Heparin or alternative (ampoule)	1
Acetyl salicylic acid (250 – 500 mg)	1
Respiratory	
Salbutamol aerosol inhaler unit	1
Salbutamol for nebulization (5 mg ampoule)	5
Beclomethasone Dipropionate (Aerosol Inhaler)	1
Aminophylline and/or Salbutamol (IV) (ampoule)	1
Steroids: Methylprednisolone (250 mg) / Hydrocortisone (100 mg) (ampoule)	1
Antihistamines: Promethazine or equivalent (25 mg ampoule)	1
Analgesics:	
Morphine sulphate (10 mg ampoule)	3
Ketamine (50 mg ampoule)	2
Tramadol or alternative (100 mg ampoule)	2
Sedatives:	
Diazepam injection (10 mg ampoule) or equivalent	2
Neuroleptic: chlorpromazine (25 mg ampoule) or equivalent	2
Naloxone injection (0.4 mg ampoule)	*
Antiemetic: Metoclopramide (10 mg ampoule) or equivalent	1
IV Anesthetics:	
Etomidate (20 mg ampoule) or equivalent	2
Midazolam (10 mg ampoule)	2
Suxamethonium (100 mg ampoule)	1

* Recommended item



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IV Fluids:	
Ringer solution or NaCl solution 0.9%	1000 ml
HEA or Modified Gelatine Infusion Solution (for plasma substitution)	1000 ml
Hypertonic Glucose for IV infusion (30% - 50%)	50 ml
Physiologic saline (10 ml ampoule)	2

Please do not hesitate to contact the Tuvalu Ship Registry if more information or clarification is required on the above matter.

Thank you.

Yours sincerely,

Deputy Registrar
Tuvalu Ship Registry