

[LEGAL NOTICE NO. 107]

MARITIME TRANSPORT DECREE 2013
(DECREE NO. 20 OF 2013)

Maritime (Survey Reports) Regulations 2014

IN exercise of the powers conferred upon me by section 240(1)(f) of the Maritime Transport Decree 2013, I hereby make these Regulations—

Short title and commencement

1. These Regulations may be cited as the Maritime (Survey Reports) Regulations 2014 and shall come into force on a date or dates appointed by the Minister by notice in the *Gazette*.

Interpretation

2. In these Regulations, unless the context otherwise requires—

“annual survey” means a survey of the hull (including inspection of underwater hull and underwater gear on a slipway or dock), superstructure, deck and engine machinery, cargo gear, navigation and safety equipment, safety and fire appliances, conditions and assignment of load line of a ship registered under the Ship Registration Decree 2013;

“Authority” means the Maritime Safety Authority of Fiji;

“Chief Executive Officer” means the Chief Executive Officer of the Authority;

“Decree” means the Maritime Transport Decree 2013;

“deficiency list” means a list of deficiencies or repairs issued by a surveyor to the ship owner or his or her representative to be rectified by the ship owner;

“Fiji ship” shall have the same meaning as in the Ship Registration Decree 2013;

“semi-annual (sight) survey” means a sight survey conducted within 6 months of completing the annual survey, to ensure that the ship and its machineries and the safety equipment continue to meet the requirements of the Maritime (Survey of Ships) Regulations 2014 without requiring the ship to be slipped or uphauled on a dock;

“survey checklist” means a comprehensive list of survey items for Fiji ships to be checked by a surveyor during the conduct of a particular survey; and

“surveyor” shall have the same meaning as in the Ship Registration Decree 2013.

Objectives

3. The objectives of these Regulations are to—

- (a) specify the survey checklist and deficiency list required which are used by the surveyors; and

- (b) require a survey checklist to be issued to ship owners on request before a deficiency list is provided to a ship owner or the representative after the conduct of a survey by a surveyor.

Application

4. These Regulations shall apply to all Fiji ships and ships which are required to be registered under the Ship Registration Decree 2013.

Semi-annual sight survey

5.—(1) Any survey report by a surveyor in respect of a semi-annual (sight) survey carried out on a ship shall contain a completed survey checklist in the form set out in Schedule 1.

(2) The Chief Executive Officer shall ensure that a copy of a survey checklist referred to in sub-regulation (1) is made available to the master of the ship.

Survey checklists

6.—(1) Any survey report by a surveyor in respect of a semi-annual (sight) survey carried out on a ship on behalf of the Chief Executive Officer shall contain a completed survey checklist in the form set out in Schedule 2 titled “Semi-annual (Sight) Survey”.

(2) Any survey report by a surveyor in respect of an annual survey carried out on a ship on behalf of the Chief Executive Officer shall contain completed survey checklist in the forms set out in Schedule 2 titled “Semi-annual (Sight) Survey” and “Annual Survey”.

(3) Any survey report by a surveyor in respect of Four yearly survey carried out on a ship on behalf of the Chief Executive Officer shall contain completed survey checklists in the forms set out in Schedule 2 titled “Semi-annual Survey”, “Annual Survey” and “Four Yearly Survey”.

(4) The Chief Executive Officer shall ensure that a copy of a survey checklist referred to in sub-regulations (1), (2) or (3) is made available to the master of the ship.

Deficiencies lists

7.—(1) Where during the course of a survey of a ship, a surveyor becomes aware of any deficiencies in the ship or any repairs that need to be carried out before a report of survey is completed, the surveyor must complete the form set out in Schedule 3.

(2) The report referred to in sub-regulation (1) shall be made in duplicate with each part being signed by the surveyor who carried out the survey and a representative of the ship’s owner.

(3) One copy of a report referred to in sub-regulation (1) shall be given to a shipping officer for filing in the ship’s survey file and the original shall be given to the representative of the ship’s owner.

(4) The ship owner or his or her representative should provide a copy of the report to the master of the ship.

Repeal, savings and transitional provisions

8.—(1) The Marine (Survey Reports) Regulations 1990 are hereby repealed.

(2) A Survey Certificate in force immediately prior to the commencement date remains in force—

(a) for a period of 2 years and 4 months from the commencement date of the Decree; or

(b) until the date of the expiration of that certificate,

whichever is earlier.

Made this 14th day of December 2014.

P. TIKODUADUA
Minister for Infrastructure and Transport

SCHEDULE 1
(Regulation 5)

MARITIME SAFETY AUTHORITY OF FIJI
SURVEY CHECK-LIST

SEMI-ANNUAL SAFETY EQUIPMENT SURVEY

Ship: Date Commenced:

Master's Name & Certificate No.:

Notes:

1. All remarks concerning deficiencies should be clarified under General Remarks by number reference and the action taken.
2. Write "N.A." where an item is not applicable.
3. The Master shall be given one copy of this report.

1.0 Lifeboat

Length	M	Plugs	No.	Boat hooks	No.
Capacity	Pers.	Buoyant Bailer		Compass	
Oars/ Crutches	No.	Buckets	No.	Sea Anchor	
Hatches	No.	Painters	No.	<u>Pyrotechnics</u>	
Engine		Graduated drinking cup		Rocket –	
Engine tools		Food Rations		Hand Flare	
Rust proof dipper/ lanyard		Water Proof Torch		Smoke signal –	
Jack knife		Search light		Signaling mirror	
Fire Extinguisher		Fishing tackle		Radar Reflector	
Buoyant Qouits	No.	Thermal protective aid		First Aid Kit	
Manual pump (bailing)		Water collector		Anti-Seasick medicine	
Survival Manual					
Sea Anchor					

Are the following fitted, supplied?

	Yes	No
Recto-reflective tapes		
VHF Radios		
Interior light (fixed)		
Exterior light (Flashing)		
Manual/Battery starting system for engine		
Adequate internal buoyancy		
Launching arrangements (freefall/Davits)		
Access Arrangements		
Is lifeboat marked with No. of lifeboat & No. of persons it is certified to carry?		
Is lifeboat marked with approval information		
Fuel with flash point of 43 degrees or less		
Means for charging batteries		
Tiller permanently attached		
Handholds around the exterior		

2.0 Rescue Boats

Length	M	Plugs	No.	Whistle
Capacity	Pers	Buoyant Bailer	No.	Torch
Oars	No.	Bouyant line (tow Liferaft)		First Aid Kit
Buoyant Qouits	No.	Painter		Radar reflector
Boat Hook		Thermal protective aid		Search light
Bucket		Sponges		Fire Extinguisher
Knife		Manual Pump (bailer)		Repair kit

Are the following fitted, supplied?

Launching arrangements? (Davits/ hoist)	Yes	No
VHF Radios	Yes	No
Is rescue boat marked with serial no. (makers name and date built)	Yes	No
Steered by wheel	Yes	No
Automatic engine cut off	Yes	No

3.0 Approved Boat

Length	M	Plugs	No.	Anchor	Kg
Capacity	Pers	Bailer	No.	Line	M
Oars	No.	Painter	No.	Smoke signals	No.

Are the following fitted, supplied?

Retro-reflective Tape?	Yes	No
Adequate internal buoyancy?	Yes	No
Launching arrangements?	Yes	No
Is boat marked with No. of persons it is certified to carry?	Yes	No
Has boat been swamp tested?	Yes	No

4.0 Inflatable Liferafts (ILR)

Maker	Serial No.	Capacity (No.pers.)	Expiry Date
and Inflatable Buoyant Apparatus (IBA):			
Maker	Serial No.	Capacity (No. Pers.)	Expiry Date

5.0 Buoyant Appliances

No. of Units	Capacity

Are the appliances robust enough for drop test?	Yes	No
Is the colour highly visible?	Yes	No
Is the certified No. of persons marked on the appliances?	Yes	No
Are the grablines satisfactory?	Yes	No
Is retro-reflective tape fitted on top & bottom?	Yes	No

6.0 Internal Buoyancy in Small Ships

Is the material of an approved type?	Yes	No
Is it secured sufficiently not to float out of a damaged hull?	Yes	No
Is it sufficient to keep the fully loaded ship afloat upright if swamped and damaged?	Yes	No

Remarks:

7.0 Lifebuoys, Self igniting Lights, Smoke Signals, Buoyant Lines

Lifebuoys	No.
Without attachments:	
With self-igniting lights	
With smoke & lights	
With 30M Lines:	

Are the units of approved type in good condition?	Yes	No
Placed ready for use?	Yes	No
Is ship's name and port marked on lifebuoy?	Yes	No
Are any pyrotechnics beyond expiry date?	Yes	No

8.0 Lifejackets and Attachments

Type	No.
SOLAS	
COASTAL	
SHELTERED WATER	

Are the jackets of approved type and properly marked?	Yes	No
Are all in good condition?	Yes	No
Are they stowed in dry adequate storage area and immediately accessible?	Yes	No
Is the storage area marked with contents?	Yes	No
Are notices adequately displayed showing donning instructions?	Yes	No
Do the lifejackets have appropriate fittings for the area of trade	Yes	No

9.0 Portable Radio Equipment

State type and identity marks and Certificate expiry:

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Does it comply with SOLAS requirements?	Yes	No
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10.0 Pyrotechnic Distress Signals

Parachute Type	No.	Expiry Date.....
Hand Flares	No.	Expiry Date
Smoke Signal	No.	Expiry Date

Where stowed?

.....

.....

Does it comply with SOLAS requirements?	Yes	No
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11.0 Rescue Signals Table

Where is this Table kept?

(A copy is in International Code of Signals Appendix 3).

12.0 Chronometer, deck watch and bridge clock

Is the chronometer or deck watch easy to read to the nearest second?	Yes	No
Has it been certified by its makers as a ship's chronometer or deck watch?	Yes	No
Is the bridge clock large enough to read from any part of the bridge area to the nearest minute?	Yes	No
Are these instruments all in working order?	Yes	No

13.0 Chronometer, deck watch and bridge clock

Is standard compass carried?	Yes	No
Is standard compass well placed for all round view?	Yes	No
Is an Azimuth mirror available?	Yes	No
Is lighting satisfactory for night use and by emergency supply?	Yes	No
Has any major steel work, welding been undertaken since the last compass swing?	Yes	No
Is separate steering compass carried?	Yes	No
Is steering compass well placed and illuminated for steering by?	Yes	No
Is steering compass placed well away from electrical equipment?	Yes	No

Give date of last Deviation Card issued and state maximum recorded deviation

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Is a gyro compass fitted?	Yes	No
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Name type:

14.0 Depth Sounder

Is a hand lead carried?	Yes	No
Marked in fathoms or metres?	Yes	No
Is an Echo Sounder carried?	Yes	No
Does the Echo Sounder give a clear indication of datum line & bottom?	Yes	No
Are necessary spare parts for the Echo Sounder carried?	Yes	No

15.0 Signalling Equipment

Is a daylight signalling lamp carried?	Yes	No
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What other signalling lamp is carried?

Is their power supply independent of ship's main supply?	Yes	No
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16.0 Charts and Nautical Publications and Instruments carried

Nautical Almanac for the current year?	Yes	No
Tide tables for the current year?	Yes	No
Nautical tables?	Yes	No
Sailing directions?	Yes	No
List of lights?	Yes	No
List of radio signals & stations?	Yes	No
MERSAR (Merchant Ship SAR) Manual?	Yes	No
Charts adequate for the usual trade and ports of refuge?	Yes	No
Chart instruments adequate?	Yes	No
Are the chart table and facilities suitable for chart work?	Yes	No
Sextant?	Yes	No
Binoculars?	Yes	No
Barometers?	Yes	No
Barograph?	Yes	No

17.0 Accommodation, Ladders, Gangways, Safety Nets

What means of access is provided between ship and wharf?

Is a safety net provided	Yes	No
What means of access is provided between ship and boats?	Yes	No
Are these means of access satisfactory?	Yes	No

18.0 Electronic Navigational Aids

State Type and whether functioning satisfactorily:

Radar?	Yes	No
ARPA?	Yes	No
GPS?	Yes	No
ECDIS?	Yes	No
D/F?	Yes	No
Radio Receiver?	Yes	No
Radio Transmitters (sight certificates)?	Yes	No

Other (describe):

19.0 Anchors and Cables

Are the numbers, sizes and condition as sighted suitable for the ship and it's trade?	Yes	No
Does the windlass satisfactorily drop, walkout and weigh the anchors?	Yes	No
Is the securing equipment satisfactory?	Yes	No
Are there sufficient mooring ropes?	Yes	No
D/F?	Yes	No
Radio Receiver?	Yes	No
Radio Transmitters (sight certificates)?	Yes	No

20.0 Pilot Ladders

Does the ship carry a pilot ladder and mechanical pilot hoist that meets the standards and is in satisfactory condition?	Yes	No
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If not, state reason:

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21.0 Medicines and Medical Stores

Are the Medical stores, lockers, access, publications and security of drugs of standard type and condition as per the requirement of the Maritime (Ships Medical Requirement) Regulation 2014?	Yes	No
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Has a Certificate of Inspection of Medical Stores been issued by a registered Pharmacist within the previous 12 months? (This requirement applies to ships required to carry medical stores as per the requirement of the Maritime (Ships Medical Requirement) Regulation 2014	Yes	No	N/A
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Does the special nature of the ship or its operation warrant a higher than minimum specified standard of medicines?	Yes	No
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22.0 Official Log Book, Accident Reports, Emergency Drills

Is an official log book carried on board the ship and properly filled as per the requirement of the Maritime (Logbook) regulation 2014?	Yes	No
Is a deck and engine log book carried on-board the ship and properly filled as per the requirement of the Maritime (Logbook) regulation 2014?	Yes	No
Are navigation lights, shapes and sound signals in satisfactory condition?	Yes	No
Are spare bulbs carried for the navigation lights?	Yes	No
Do the lights have an emergency source of power?	Yes	No
Do the sidelight screens comply with COLREGS?	Yes	No

Light	No.	Lantern		Description & Height of Lens	Makers Name and No.	Spare bulbs
		Hght	Bdth			
Port Side.....						
Stbd Side.....						
Masthead						
For'd.....						
Masthead Aft...						
Anchor For'd...						
Anchor Aft.....						
NUC.....						
Stern						
Fishing Ship						
(red/white/light)						
Pilot ship						
(white/red light)						
Whistle				Description		
Bell				Position & Diameter		
Gong				Description & No.....		
Black balls or shapes.....				Description & No.....		
Conical shape.....				Description & No.....		

23.0 Fire Detection System

Was the detection system checked and found satisfactory?	Yes	No
Was the fire alarm tested via activation of fire detectors/activation points?	Yes	No

24.0 Fire pumps, hydrants, Hoses and connections

Were at least two hydrants, hoses and nozzles tested satisfactorily using main fire pumps? (If not, test all)	Yes	No
Were the remainder visually inspected and found satisfactory?	Yes	No
Was the Emergency fire pump satisfactorily tested to full required load?	Yes	No

25.0 Fixed Fire Extinguishing Installations

Are Servicing Certificates in date?	Yes	No
Have the lines been blown through (Carbon dioxide system)	Yes	No
Have Bottles been weighed (Carbon dioxide system)	Yes	No
Have Carbon Dioxide system alarm been tested	Yes	No

26.0 Fire Extinguishers:

Are Servicing Certificates in date?	Yes	No
Are the class of fire extinguishers appropriate for that space	Yes	No

27.0 Firemen outfit

Are Safety lamps functioning	Yes	No
Breathing Apparatus (BA) equipment in satisfactory condition	Yes	No
BA Air cylinders at full pressure	Yes	No
Protective clothing and equipment (Jacket/trousers/gloves/head gear /boots/torch) in satisfactory condition	Yes	No

28.0 International Shore Connection:

In accordance to international standards	Yes	No
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29.0 Firebuckets

Provided	Yes	No
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30.0 Sand trays in Boiler spaces

Provided	Yes	No
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31.0 Fire Axe & Fire Blanket

Fire Axe -Provided	Yes	No
Fire Blanket Provided	Yes	No

32.0 Fire Alarm Bells and emergency signal

Can crew be summoned to fire stations by fire alarm bell separate to the passenger alarm bell?	Yes	No
Are all fire alarm bells functioning?	Yes	No
Is the emergency alarm functioning?	Yes	No

33.0 Public Address System

Is it functioning clearly in all accommodation, control and service spaces?	Yes	No
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34.0 Remote Control Valves to Machinery and Fuel

Are valves functioning satisfactorily?	Yes	No
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List below the Number, Details and Location of all fire fighting equipment

FIRE APPLIANCES

Hoses- Machinery Spaces:	No.	Where Placed	Materials	Machinery	Light.	Dia.	Type of Nozzle
Hoses- Other Spaces							
International Shore Connection							
Portable extinguishers Machinery Spaces			Type Capacity		Date of Test		No. of Spare Charges
Portable extinguishers other spaces							
Non-portable Extinguishers							
Description							
Fixed installation. Machinery Spaces: Cargo spaces: Pumps: Sand boxes:							
Safety Lamps: Axes: Fire buckets: Breathing apparatus:							
Alternative means of extinguishing a fire in any compartment which could put all fire pumps out of action:							
Items having remote control in case of fire:							
Escapes from machinery spaces (location and space to which access given)							
Means of closing openings in case of fire							
Machinery (Automatic alarms and stopping devices)							
Fire control plans							

35.0 Remote controls

Are the remote push buttons or switches for ventilation fans and remote water tight doors functioning satisfactorily	Yes	No
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36.0 Muster list and emergency instruction

Is the muster list available and placed in conspicuous spaces including navigation bridge, engine room, and crew and passenger accommodation spaces	Yes	No
Is the emergency instructions/duties for ships officers placed in officers cabins	Yes	No

37.0 Emergency Lighting

Does the emergency lighting function satisfactorily in all required areas including: Service and accommodation alleyways, stairways and exits?	Yes	No
Personnel lifts?	Yes	No
Machinery spaces, generating spaces, and their control positions?	Yes	No
Control stations, bridge, fire station, cargo pump room etc?	Yes	No
Stowage area for firemen's outfits?	Yes	No
Steering gear?	Yes	No
Sprinkler pumps, emergency fire pumps and bilge pumps?	Yes	No
Lifeboat and Liferafts stations on deck & the water below?	Yes	No

38.0 Stability Information

Is a stability booklet available to the Master?	Yes	No
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39.0 Cargo Gear

Is the cargo gear certificate valid?	Yes	No
Is the cargo gear in satisfactory condition (Visual inspection)?	Yes	No

Comments:

SCHEDULE 2*(Regulation 6)***MARITIME SAFETY AUTHORITY OF FIJI****SURVEY CHECK-LIST****SEMI-ANNUAL (SIGHT) SURVEY**

Ship:

Date Commenced:

Notes

1. All remarks concerning deficiencies should be clarified under "General Remarks" by number reference and the action taken.
2. Write "N.A." where an item is not applicable.
3. The Master shall be given one copy of this report.

1.0	Has a Safety Equipment Survey Report been completed for this survey?	Yes	No
2.0	Has a Running trial of each Main engine and associated gear box been satisfactorily completed?	Yes	No
3.0	Has an operational test of the auxiliary generators been satisfactorily completed?	Yes	No
4.0	Has an operational test of boilers and electric heaters been satisfactorily completed?	Yes	No
5.0	Have bilge pumps, bilge valves and bilge alarms been operationally tested?	Yes	No
6.0	Has an operational test of oily water separator (oil filtering equipment) and testing of 15 ppm alarms been satisfactorily completed?	Yes	No
7.0	Has the oil record book entries been checked for consistency?	Yes	No
8.0	Has an inspection of all logbooks including official, deck and engine log been carried out?	Yes	No
9.0	Has an inspection of Sewage record book and Garbage record book been carried out?	Yes	No
10.0	Has inspection of engine room bilges and cargo space bilges and any other bilge space been carried out?	Yes	No
11.0	Have the fire pumps, emergency fire pump and all valves in the Fire Main Systems been operationally tested and found satisfactory?	Yes	No
12.0	Has a satisfactory running trial of all machinery essential to the safe operation of the ship including but not limited to bow and stern thrusters, steering gear, purifiers or separators, desilimators, sewage systems, pumps, compressors, cranes, winches, windlass and hoists been conducted?	Yes	No

13.0	Have all piping and valve arrangements been inspected satisfactorily?	Yes	No
14.0	Are all personnel protection arrangements including but not limited to machinery guards, heat shields, eye, ear, body and head protection equipment in machinery spaces satisfactory?	Yes	No
15.0	Are all emergency escape routes from engine room and accommodation spaces operationally satisfactory?	Yes	No
16.0	Are all casings, superstructures, hatch coamings companionways, bulwarks considered satisfactory?	Yes	No
17.0	Emergency equipment and machineries including but not limited to, emergency generators, emergency fire pumps, emergency compressors, emergency steering, emergency lightings and emergency alarm systems?	Yes	No
18.0	Surveyors to test crew competency by carrying out dry or wet drills including fire, abandon ship (launching of lifeboat or approved boats), emergency, security, and first aid when required?	Yes	No
19.0	Has the sewerage treatment system operation been checked?	Yes	No
20.0	Has sewerage record book entries been checked for consistency?	Yes	No
21.0	Has garbage record book been checked for consistency?	Yes	No
22.0	Has Cargo record book for ships carrying noxious liquid substances in bulk been checked and entries are consistent?	Yes	No
23.0	Has the Ballast water record book been checked and entries are consistent?	Yes	No
24.0	Has the incinerator operation been checked and entries of incineration of garbage been checked?	Yes	No
25.0	Has all plans and manuals onboard the ship been checked including, ballast water management plan, garbage management plan, shipboard marine oil spill contingency plan, Operational manual for oil discharge monitoring and filtering equipment, procedures and arrangement manual for noxious liquid substance?	Yes	No
26.0	Specific shipboard/ basic familiarisation training		
26.1	Are the procedures for basic familiarisation of new crew in place?	Yes	No
26.2	Are the documents in order?	Yes	No
26.3	Has specific shipboard handover procedures been followed - evidence produced?	Yes	No
26.4	Last date of entry	Yes	No
26.5	Has basic familiarisation training been conducted	Yes	No
26.6	Last date of entry	Yes	No
	• Verify the last date of entry with last date of crew change		
	• Confirm training with seafarers on board from last entry		
27.0	Has the radio log book been checked for consistency?	Yes	No

MARITIME SAFETY AUTHORITY OF FIJI

SURVEY CHECK-LIST

ANNUAL SURVEY

(Regulation 6 (2))

In addition to the items in Semi-annual (sight) Surveys, the following items shall be inspected

(Additional to Semi-annual (Sight) Survey)

Name of Ship: _____ Date: _____

- | | | | |
|-----|--|-----|----|
| 1.0 | Have all sea injection valves and overboard discharge valves and cocks been operationally tested and found satisfactory? | Yes | No |
| 2.0 | Have Main and Emergency means of steering been operationally tested and found satisfactory? | Yes | No |
| 3.0 | Have all other machinery installations and electrical installations not previously listed been generally examined? | Yes | No |

List the Machinery examined

- | | | | |
|-----|--|-----|----|
| 4.0 | Have all safety valves been set at the required working pressure? | Yes | No |
| 5.0 | Have all pressure ships (including boilers, electric heaters, starting air bottles, hydrophor tanks etc) and their mountings which are used for steam generation under pressure or water heating in excess of 99 degrees (C) and for other purposes been examined and a Certificate issued under Health and Safety At Work Act, 1996 been sighted? | Yes | No |

State expiry date of Certificate:

- | | | | |
|-----|--|-----|----|
| 6.0 | Have all liquefied petroleum gas installations been inspected? | Yes | No |
| 7.0 | Has all lifting appliances including cargo handling machinery and loose cargo gear been tested satisfactorily and a Certificate issued under the Maritime (Ships Lifting Appliances) Regulation and Factories Act (Cap 99) been sighted? | Yes | No |

State expiry date of Certificate

- | | | | |
|-----|---|-----|----|
| 8.0 | Has all lifting appliances including cargo handling machinery and loose cargo gear been examined annually by a competent person as required under the Maritime (Ships Lifting Appliances) Regulation and the Health and Safety at Work Act, 1996 evidence been sighted? | Yes | No |
| 9.0 | Pressure ship and associated mountings, of an air pressure/salt water system having a working pressure of more than 275 KPa. Is it in satisfactory working and general condition and a Certificate issued under the Health and Safety at Work Act, 1996 been sighted? | Yes | No |

State expiry date of Certificate

- | | | | |
|------|---|-----|----|
| 10.0 | Boilers and Mountings. Is it/are they in satisfactory working and general conditions and has a Certificate issued under the Health and Safety at Work Act, 1996 been sighted? | Yes | No |
|------|---|-----|----|

State expiry date of Certificate

11.0 Are the conditions of assignment of loadline being satisfactorily maintained? Yes No

List the relevant items below:

Deckline (P) & (S)	W/T Doors.....	No.
Loadline Marks (P) & (S)	Weather Tight doors	No.
Seasonal lines (P) & (S).....	Vent Covers	No.
Draught Marks (F) & (A).....	Guard rails.....	No.
Ship's Name & Port of Registry ...	Air pipes & plugs	No.
(Marks to be permanent and	Hatches.....	No.
conspicuous by painting) Freeboard	Locking bars.....	No.
as measured by surveyor.....	Side Scuttles.....	No.
	Sky lights freeing ports ...	
	Shipside openings mm	
	bow/stern doors	

12.0 Were any hose tests conducted? (Give details in General Remarks) Yes No

13.0 Were all casings, superstructure, hatch coamings, companionways, bulkheads considered satisfactory? Yes No

14.0 Has any constructional or other modification to the ship occurred since the previous survey which would affect the approved form of Stability Information available to the master? Yes No

Note: Steel Ships of Less than 24 Years age may Extend Items 20 to 22 to Two Yearly Survey subject to a Satisfactory Report of the Underwater Hull and Underwater Fittings by a Dive Surveyor.

15.0 Does the hull externally and internally (ignoring in way of tanks forming part of the hull) appear satisfactory? Yes No
(If thickness tests are considered necessary, give details in General Remarks).

16.0 Have all sea injection and overboard discharge valve; and cocks and their fastenings been inspected? Yes No

Were any opened up?

17.0 Inspection of propellers, rudders, stern bush and underwater fittings. Are general conditions and the wear down tolerances to satisfactory limits? Yes No

(State any repair or replacement work under General Remarks; also state the rudder bearing clearances, and clearance of propeller stern bush)

18.0 Visual inspection of Anchors, Cables & Joining links. Do these items appear satisfactory for use until next Four Yearly Survey? Yes No

19.0 Has a report by a Diver Surveyor been issued in lieu of your own report on items 20 to 22 which satisfies you that there is no necessity to slip or dry dock the ship for this current survey? Yes No

GENERAL REMARKS

Item Number

..... (Date)

..... (Surveyor)

MARITIME SAFETY AUTHORITY OF FIJI
SURVEY CHECKLIST

FOUR YEARLY SURVEY
(Regulation 6(3))

(Additional to Annual Survey)

Name of Ship:

Date:

Indicators

- | | | | |
|-----|---|-----|----|
| 1.0 | Each propeller, shaft and tube. Shafts to be drawn out and tested for cracks. | Yes | No |
| | Stern tube bearing wear down checked and bush adjusted as necessary | | |
| 2.0 | All ship side valves opened up & overhauled | Yes | No |
| 3.0 | Rudders to be lifted/removed, Pintles, gudgeons stock bearings examined. Bearing replaced if damaged or excessive clearance | Yes | No |
| 4.0 | Steering gear. Main & auxiliary steering arrangements examined, opened up at Surveyor's discretion | Yes | No |
| 5.0 | Windlass, capstans and mooring winches given operational test & opened up at Surveyor's discretion | Yes | No |

- 6.0 Compressed air pressure ships of more than 275 KPa working pressure and their mountings: Examined internally and externally. If internal inspection is impractical they are to be hydraulically tested to 1.5 times working pressure? Yes No

State date of expiry of Certificate issued under The Health and Safety at Work Act, 1996.....

- 7.0 Air pressure/fresh water system ships having a working pressure of more than 275 Kpa, and their mountings. Examined internally and externally. If internal inspection is impractical they are to be hydraulically tested to 1.5 times working pressure Yes No

State date of expiry of Certificate issued under The Health and Safety at Work Act, 1996.....

- 8.0 Insulation tests of all electrical installations above 32V (A.C. or D.C.) State test details Yes No

- 9.0 Anchors and Cables range and calibrate (wear down maximum 10% diameter). Yes No

Examine all shackles, studs. Change end to end cables:

- 10.0 Chain locker. Internal examination of structure, cable attachment and pumping arrangement: Yes No

- 11.0 Tanks forming part of the hull, other than fuel oil tanks. Internal examination. Yes No

Note tank numbers and general condition in "Tank Survey Table" below.

Note condition of striking plates below the sounding pipes in every tank examined

- 12.0 Fifty per cent of all fuel oil tanks forming part of the hull, internally, so that all such tanks are inspected within a ten year period. Yes No

Internal examination. Note tank number and general condition in "Tank Survey Table" below

- 13.0 Void spaces. Examine internally. Note location and general condition in "Tank Survey Table" below Yes No

- 14.0 Hull thickness gauging for ships every 2 years. Depending on hull thickness wear. Annual hull thickness gauging for ships where it is evident that where on the hull plates is equal to or more than 30% of the original thickness. Yes No

Tank survey table**Survey of Tanks Forming Part of the Hull**

For each tank show the normal use, year last surveyed, work carried out and this survey and any recommendations.

Key: FO = Fuel Oil; FW = Fresh Water; SU = Sullage
SW = Salt Water; V = Void Space

FP				
No:	Port	Ctr	Stbd	Work carried out at this survey and any recommendations.

Ap

- | | | |
|--|-----|----|
| 15.0 Hull in way of removable ballast.
Remove and inspect | Yes | No |
| 16.0 Selected sections of internal structure in way of refrigerated space.
Remove insulation and inspect.
Remove other sections to Surveyor's discretion | Yes | No |
| 17.0 Gauging requirements for ship over 15 years old. Gauging may be drill test or other approved method and made within 0.5L amid ships | Yes | No |
- (i) Gauging two places in each strake of the shell plating on each side between ballast and Load Water lines.
 - (ii) Gauging in two places in each strake of the strength deck plating on each side outside the line of openings.

18.0	Cargo gear. Inspected, Load tested and certified (to comply with Health and Safety at Work Act, 1996?)	Yes	No
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A certificate from a Classification Society or the Inspections should be obtained and recorded.

Certificate Issuing Authority:

Valid until:.....

19.0 Other survey Items as determined by the Authority	Yes	No
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Details

GENERAL REMARKS

Item Number

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(Date)

(Surveyor)

- Note: