



TUVALU SHIP REGISTRY

Form FSI

Tuvalu Ship Registry
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Notes:

1. This form is to be completed by the FSI Inspector and inspectors shall provide written comments where appropriate to document the vessel's condition and crew competence.
2. A copy of any deficiencies that are issued shall be listed on Form FSIdef and given to the Master (with a copy attached to Form FSI) upon completion of the inspection.

Vessel Name	Type of Vessel	IMO Number	Official Number	Gross Tonnage	Year Built
Date / Time Inspection Started		Date / Time Inspection Ended		Country / Port of Inspection	
Inspection Type <input type="checkbox"/> Annual <input type="checkbox"/> Follow up			Contact details of DPA (as listed and available on vessel)		
Name of Company Rep (if onboard)		Contact details (address/phone/email) of Company Rep (if onboard)			
Name of FSI Inspector		Company Name of FSI Inspector		FSI Inspector ID Card No.	

PART I: MANNING		Yes	No	N/A	Remarks
1.*	Ship Manning (see MC-2/2006/07/09/10/12/5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Manned as per minimum safe manning certificate?				
2.	Medical	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Person in charge of medical care designated?				
	• Medical first aid provider designated?				
	• Master states all crew are medically fit for duty?				
3.	Records of seafarers' work and rest hours	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Comply with STCW & MLC 2006? (see MC-11/2012/1)				

Deficiencies / Observations / Comments - PART I: MANNING

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* Priority Item

PART II: SAFETY MANAGEMENT SYSTEM (SMS)		Yes	No	N/A	Remarks
1.	SMS Manual and Documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Written in language understood by crew?				
	• Maintenance procedures complied and recorded?				
	• Includes Plan for drills and training?				
	• Procedures for Internal Audit & Management Review?				
	• Procedures in place for contacting the company in an emergency?				
2.	Crew Responsibilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Master & Officers can identify designated person?				
	• Master carrying out his/her SMS responsibilities?				
	• Crew familiar with company safety & environmental protection policy?				
3.	Master has completed SMS review as per ship's SMS?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Date:
4.*	Evidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Ship provides SMS familiarization for new crew?				
	• Ship reports non-conformities as required by SMS?				
	• Company takes corrective action when appropriate?				
	• Ship conducts emergency drills/exercises?				
	• Ship maintains & tests critical equipment & records results in accordance with SMS?				
	• Equipment condition indicates effective maintenance system?				
5.*	Non-conformities – Any outstanding or overdue?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Deficiencies / Observations / Comments - PART II: SAFETY MANAGEMENT SYSTEM (SMS)					

* Priority Item

PART III: SECURITY		Yes	No	N/A	Remarks
1.	Vessel operates on at least the security level set by the port?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Officers and crew know the ship's current security level and their own duties for each level? Can crew identify CSO?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.*	Effective system of control of access to the vessel in place?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Restricted areas of vessel marked and access restricted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	Required security drills & annual security exercise conducted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.	SSO familiar with terminal security procedures and local contact information?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Deficiencies / Observations / Comments - PART III: SECURITY

* Priority Item

PART IV: DRILLS AND RECORDS (FSI Inspectors shall make an effort to hold a fire and abandon ship drill where practicable. In addition, the inspector should query the crew on emergency response scenarios such as spill response, security, or pump room or cargo hold confined space entry/rescue to verify crew preparedness.)		Yes	No	N/A	Remarks
1.	Weekly, monthly, quarterly and annual inspections of safety equipment, survival craft, rescue boats and launching appliances carried out and recorded?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Required weekly emergency preparedness and response drill or training conducted and recorded?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.*	Lifeboat Launching (see MC-11/2011/1):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<ul style="list-style-type: none"> • Davit launched – (≤3 months) • Freefall (launched or simulated launch) – (≤6 months) (boarded) – (≤3 months) <p>(a) In the case of a lifeboat arranged for free-fall launching from a height of 20m or less - at least once every 3 months during an abandon ship drill the crew shall board the lifeboat, properly secure themselves in their seats and commence launch procedures up to but not including the actual release of the lifeboat (i.e. the release hook shall not be released). The lifeboat shall then either be free-fall launched with only the required operating crew on board, or lowered into the water by means of a secondary means of launching with or without the operating crew on board. In both cases the lifeboat shall thereafter be maneuvered in the water by the operating crew. At intervals of not more than 6 months, the lifeboat shall either be launched by free-fall with only the operating crew on board, or simulated launching shall be carried out.</p> <p>(b) In the case of a lifeboat arranged for free-fall launching from a height of more than 20m – launching by falls is acceptable, provided that a simulated free-fall launch is conducted at least once every 6 months.</p>				
4.	Radio Log Books properly maintained? (see MC-12/2011/1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<ul style="list-style-type: none"> • Required daily, weekly and monthly tests of the GMDSS including reserve power testing carried out? 				
5.	Required security drills & annual security exercise conducted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.*	Emergency generated been tested and recorded?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Date of last test:
7.*	Fire and Abandon Ship Drills carried out?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Type of drills held:
	<ul style="list-style-type: none"> • Senior officers and staff effectively coordinated drill/response? • Crew familiar with emergency response duties & procedures? • Crew knowledgeable in use of ship's safety & response equipment? • Officers & crew able to communicate in a common language and work effectively as a team? • Crew donned correct personal protective equipment? • Crew familiar with lowering/launching lifeboats, life rafts and rescue boat? • Crew demonstrated proper operation of "on load" release gear? • Fireman outfits properly outfitted and in good condition? • Breathing Apparatus air bottles filled? 				

* Priority Item

Deficiencies / Observations / Comments - PART IV: DRILLS AND RECORDS

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PART V: OPERATIONAL TEST		Yes	No	N/A	Remarks
1.*	Engine Room quick closing valves & emergency stop for pumps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.*	Emergency Fire Pump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Water pressure satisfactory?				
	• Crew familiar with starting/operating procedures?				
3.*	Fire Screen Doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Free from manual hold backs?				
	• Self closing doors close properly?				
4.*	Fire Dampers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Engine room dampers tested in good working order?				
	• Stack dampers visually examined locally and tested to seal properly and are in good working order?				
	• Other fire dampers and ventilation closing appliances, including gaskets, handles and other mechanical mechanisms in good working condition and close properly?				
5.*	Water tight door satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.*	Emergency shutdowns satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.*	High bilge alarms satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.*	Steering gear alarms satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.*	Emergency lightings satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.*	General alarm and engineer's alarm for unmanned machinery system working properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.*	Emergency generator has been tested and load supplied?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Starting arrangement working properly? (2 different sources of power for starting)				
	• Ventilation and air supply system working properly?				
	• Emergency switchboard in satisfactory condition?				
	• Starting batteries and charging arrangements, where fitted, checked and charger operating correctly?				
12.*	Oily Water Separation (OWS) system, including all piping and solenoid valve arrangements in good operable condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• 15-ppm alarm and automatic closing system or pump shutdown working properly?				
	• Free of leakages?				
	• Three way valve operable?				
	• No suspicious piping, flanges, and/or hoses?				

* Priority Item

Deficiencies / Observations / Comments - PART V: OPERATIONAL TEST

** Priority Item*

PART VI: BRIDGE & NAVIGATION EQUIPMENT (The following navigation equipment operating properly?)		Yes	No	N/A	Remarks
1.*	Radars	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• 3GHz Radar / S-Band				
	• 9GHz Radar / X-Band				
	• ARPA and radar plotting facilities				
2.	Global Navigation Satellite System (see MC-12/2010/1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Magnetic compass (see MC-2/2011/1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Visible from the steering position?				
	• Updated calibration table available?				
	• Compass error regularly checked and recorded?				
4.	Gyro compass master and repeaters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Compass error regularly checked and recorded?				
5.	Echo sounding device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Course recorder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Rate of Turn Indicator (≥50,000 GT)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.	Maneuvering characteristics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Speed & distance indicator through the water (not GPS over ground)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.*	VDR or SVDR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Annual examination and test conducted?				
	• Maximum period between test is 18 months unless certificate has been extended (MSC.1/Circ 1222)				
	• Three way valve operable?				
	• No suspicious piping, flanges, and/or hoses?				
11.	AIS (see MC-23/2012/1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.	SART (Battery not expired)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.	EPIRB (Battery not expired)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Capable of floating free?				
	• Hydrostatic release valid?				
	• Annual test done?				
14.	Distress & Emergency Equipment stowed on or near the bridge?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Red parachute flares (12)?				
	• Line Throwing rockets?				
	• Life jackets?				
	• Exposure suits?				
15.	VHF/Portables	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16.	NAVTEX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.	GMDSS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.	Navigation lights including duplication and failure alarm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19.*	Charts & Publications (see MC-1/2011/1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Nautical publications, including sailing directions, list of lights, tide tables, notice to mariners and other publications for intended voyage on board and current to the latest editions and corrections?				
	• Nautical charts updated to the latest available notice to mariners?				
	• Current chart catalog provided?				
	• If equipped with ECDIS as primary only, backup current paper charts provided?				
	• If equipped with ECDIS as backup also, evidence of proper training provided?				
	• Officers hold ECDIS training certificates as required?				
	• Illustrated table of life saving signals posted on the bridge?				
20.	ECDIS, if equipped, is up-to-date and crew familiar with use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21.	Berth to berth passage plan available including Under Keel Clearance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

* Priority Item

Deficiencies / Observations / Comments - PART VI: BRIDGE & NAVIGATION EQUIPMENT

** Priority Item*

PART VII: CREW ACCOMMODATIONS & GENERAL SAFETY		Yes	No	N/A	Remarks
1.	Galley & food	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Food storage adequate?				
	• Spaces free from insects, rodents, and other pests?				
	• Galley range hood and grease traps clean and free of grease?				
	• Galley fire suppression systems serviced and operable (if fitted)?				
2.	Hoses & deck fittings for receiving and producing potable water in acceptable condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Accommodations (see MC-7/2012/1 and MC-13/2010/1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Spaces clean and in habitable condition?				
	• Ventilation & heating in accommodation spaces adequate?				
	• Lighting adequate?				
	• Sanitary facilities, including sinks, toilets and showers clean and in acceptable condition?				
	• Shipboard working arrangement table posted and contains required information?				
	• Ship specific SOLAS training manuals available in each crew mess and recreation room, or in each crew cabin and in the language of the crew?				
	• Legible, up-to-date fire control plans posted in accommodation spaces and stored in weather tight containers outside deckhouse?				
4.	Hospital (see MC-2/2007/12/2 and MC-14/2011/1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• If provided, is the hospital clean, properly equipped and ready for use?				
	• Medical chest complete and inventory current?				
5.*	Escape ways accessible, free of obstructions, properly lighted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.	IMO symbols used for marking escape ways and locations of emergency equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.*	Pilot ladders and related boarding arrangements clean and in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Deficiencies / Observations / Comments - PART VII: CREW ACCOMMODATIONS & GENERAL SAFETY					

* Priority Item

PART VIII: LIFESAVING APPLIANCES		Yes	No	N/A	Remarks
1.	Life buoys with reflective tape, markings, lights and smoke signals on board in required number/locations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Required numbers of lifejackets with whistles, retro-reflective material and lights available and in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.*	Required number of immersion suits and thermal protective aids available, proper size for crew, and serviced as per manufacturer's specs (≤3 years)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Muster lists and emergency instructions provided to crew and posted on the bridge, engine room and accommodations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	Operating instructions for lifesaving appliances posted on scene under emergency illumination?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.*	Lifeboats, Rescue Boat, Launching Appliances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<ul style="list-style-type: none"> • Lifeboat davits, limit switches, fall, sheaves, winches, brakes and associated equipment in satisfactory condition? No wastage, doublers or fractures. • Wire falls renewed at intervals not exceeding 5 years? • On-load release gear overhauled and tested at 5-year intervals? • Lifeboat hulls, rudders, propellers and other fittings in satisfactory condition? • Lifeboat and rescue boat engines operate satisfactorily? • Lifeboat inventory complete and in good condition (spot check)? • Rescue boats in good condition? 				
7.*	Life rafts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<ul style="list-style-type: none"> • Life rafts stowed properly and capable of floating free? • Life rafts painters and hydrostatic releases properly connected via a weak link? 				
8.	Embarkation ladders in good condition including forward ladder?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<ul style="list-style-type: none"> • Ladders reach water level in light ship condition? • All embarkation areas properly illuminated? 				
Deficiencies / Observations / Comments - PART VIII: LIFESAVING APPLIANCES					

* Priority Item

PART IX: FIREFIGHTING EQUIPMENT		Yes	No	N/A	Remarks
1.	Weekly, monthly and quarterly maintenance, testing and inspection of fire detection, extinguishing systems and appliances carried out and recorded by crew? (see MC-7/2011/1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Portable fire extinguishers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Annual Date: Bi-annual Date:
	• Surveyed annually and contents verified (weighted etc.) biennially?				
	• In correct locations as per fire control plan and in good condition?				
	• Required number of spares provided?				
3.*	Fire Main and Stations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Fire pumps in proper working condition and deliver adequate water pressure?				
	• Piping, couplings and valves free of corrosion, doublers and soft patches? No leaks?				
	• Stations: Hose, nozzle and spanner? Nozzle spray adjustments workable and hoses not deteriorated?				
4.	Foam analyzed within required intervals? (3 years for new foam concentrates stored on board; 1 year thereafter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.*	Paint locker fire extinguishing system installed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• All paint properly stored in the pain locker? (see MC-14/2010/1)				
6.	Emergency Escape Breathing Devices (EEBDs) in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.	International shore connection available (bolts included)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Deficiencies / Observations / Comments - PART IX: FIREFIGHTING EQUIPMENT

* Priority Item

PART X: HULL		Yes	No	N/A	Remarks
1.	Plimsoll mark properly marked and painted, corresponding to the Loadline certificate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Draft marks properly marked and painted on bow and stern?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Condition of shell plating satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Shell plating pitted or corroded?				
	• Major indents in the shell plates?				
	• Improper repairs or doublers?				
4.	Openings in hull satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Structure of side shell doors and/or bow/stern doors sound and gaskets satisfactory?				
	• Cleats and closing appliance satisfactory?				
	• Alarms including remote locations in good working order?				
5.	Condition of deck plating satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Alarms including remote locations in good working order?				
	• Is there any damage, pitting or heavy corrosion?				
6.*	Condition of hatch covers satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Gasket, channel, clamps in good condition?				
	• Water-tight?				
	• Non-return valves in good condition?				
7.	Condition of rails/bulwarks, doors and their supports satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Doors in guardrail/bulwarks in good condition?				
8.	All deckhouses, superstructure & their closing appliances satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Small hatches and closing arrangements in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Covers cleats, gaskets and hinges in satisfactory condition?				
10.	Deck scupper pipes free of obstructions and in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.*	Air pipes/closing appliances in acceptable condition & operable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Flame screen fitted in oil tank air pipes?				
12.	Ventilation trunks in satisfactory condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.*	Watertight doors/rubber gaskets in satisfactory condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Cleats in place and in suitable condition?				
	• Gasket in place and sufficient for watertightness?				
14.	Windows and portholes/side scuttles acceptable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Glass & closing appliances in satisfactory condition?				
	• Deadlights in place or available?				
15.	Anchors, windlasses & mooring arrangements satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Anchors and chain in good condition?				
	• Windlass in good operable condition?				
	• Mooring winches in good operable condition?				
	• Sufficient mooring ropes and in good condition?				
	• Hydraulic piping in good condition and free of leaks?				
16.	Maintenance of masts, cranes and rigging satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Cargo gear register available and signed off?				
17.	Electrical systems and cables on deck & masts in acceptable condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Cables protected and properly secured?				
	• Equipment protected and in acceptable condition?				

* Priority Item

ALL TANK VESSELS:					
18.	Fore and aft walkways and gangways in acceptable condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19.	Cargo & ballast deck lines in good condition & free of leakages?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20.*	Pressure/Vacuum (PV) valves free of leakages, working and in acceptable condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21.	Flame screen installed in PV breaker?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22.	Emergency towing arrangement fitted and in acceptable condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23.*	Pump room clean and in satisfactory condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Confined Space entry precautions taken?
	• Fire extinguishing systems satisfactory?				
	• Pump room safety equipment in good condition?				
	• No cargo pump leaks?				
24.	Cargo control room equipment in good workable condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Gauges operable and giving the proper indications?				
	• Is there any damage, pitting or heavy corrosion?				

Deficiencies / Observations / Comments - PART X: HULL

* Priority Item

PART XI: MACHINERY AND ELECTRICAL		Yes	No	N/A	Remarks
1.	Engine Control Room	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Main & Auxiliary panels in good condition?				
	• Switchboard gauges in good working condition?				
	• Generator controls in good condition?				
	• Insulation matting in front of switchboards?				
2.	Emergency lights marked?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Electrical Cables - properly fastened, no broken fittings & no cables with bare ends and in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.*	Main engine free of oil and water leakages?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Exhaust gas system lagging in good condition?				
	• Fuel piping double walled?				
5.*	Fuel systems in satisfactory operable condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Fuel oil pipes and valves free of leakages?				
6.*	Auxiliary engines/generators in good operating condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Free of water and oil leaks?				
	• Double wall fuel pipes fitted and in good condition?				
	• Exhaust system lagging in good condition?				
7.	Boilers and steam systems appear satisfactory and free of excessive leakages?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Lagging on boiler exhaust and steam lines appear satisfactory?				
8.	Exhaust manifold and exhaust lines in satisfactory condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• All necessary lagging in place and in satisfactory condition?				
9.	Engine room vent & ducting systems in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.	Bilge and ballast pumps in good operable condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Pumps, valves and piping free of patches and leakages?				
11.	Feed & cooling pumps, piping and valves in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.*	Shipboard waste incinerator satisfactory and in good operable condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.	Purifiers and Purifier space satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Purifiers clean and free of leakages?				
	• Purifier room(s) free of fire hazards?				
14.	Fresh water coolers free of leakages?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.	Air compressors & piping, valves in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16.*	Engine room firefighting equipment satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Fixed system in operable condition?				
	• Fire hoses in good condition & connected to hydrants?				
	• Piping & hydrants in good condition & free of leakages?				
	• Portable & non-portable extinguishers charged & in acceptable condition?				
17.*	Engine room bilges & other machinery areas free of oil, debris and other fire hazards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.	Marine sanitation device in satisfactory condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ALL TANK VESSELS:					
19.	Cargo pumps & their prime movers in satisfactory condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Pump, valves & piping free of leakages?				
20.*	Inert gas system working properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Oxygen indication & control working properly?				
	• Deck-seal in satisfactory condition?				
21.*	ODM device in operable condition, including indicators?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

* Priority Item

Deficiencies / Observations / Comments - PART XI: MACHINERY AND ELECTRICAL

** Priority Item*

PART XII: STEERING (Type: <input type="checkbox"/> Piston <input type="checkbox"/> Rotary Vane)		Yes	No	N/A	Remarks
1.*	Full movement of rudder verified (35 port to 30 starboard)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.*	Steering linkage in satisfactory condition & operating properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.*	System free of excessive leaks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.*	Means of communication between the navigation bridge & the steering compartment satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.*	Changeover procedure diagrams posted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	• Easy to follow?				
	• Officers familiar with changeover procedures?				
6.*	Emergency steering system operating properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.*	Heading information displayed visually at emergency steering position (required onboard vessels built after 1 February 1992)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Deficiencies / Observations / Comments - PART XII: STEERING

* Priority Item

PART XIII: GENERAL REMARKS

(General comments regarding the overall condition of the vessel & the competence of the officers & crew as well as OBSERVATIONS and/or RECOMMENDATIONS. Take note that DEFICIENCIES should be listed on "Form FSIdef")

CURRENT OPERATIONAL & VOYAGE CIRCUMSTANCES:

DOCUMENTATION & RECORDS:

HULL, DECKS & FITTINGS:

MACHINERY & ELECTRICAL:

ACCOMMODATIONS (Internal / External):

SAFETY & FIREFIGHTING:

CREW FAMILIARITY:

OBSERVATIONS & RECOMMENDATIONS DISCUSSED WITH MASTER & CHIEF ENGINEER (provide summary):

Name of FSI Inspector:

Name of Master (or Representative):

Signature of FSI Inspector:

Signature of Master (or Representative):

* Priority Item