



GOVERNMENT OF PAKISTAN
MINISTRY OF MARITIME AFFAIRS
REPORT OF CARGO SHIP SAFETY EQUIPEMENT SURVEY

To Meet the Provision of the International Convention for the Safety of Life at Sea, 1974, amended
 International Regulations for Preventing Collisions at Sea in Force

Initial Survey Renewal Survey Periodical Survey Annual Survey

Name of Ship	IMO Number / Distinctive Letters	Port of Registry
Gross Tonnage	Dead Weight (metric tons)	Year of Build
Owner and Address		
Agent and Address		
Place of survey: <input type="checkbox"/> In dry-dock: <input type="checkbox"/> On slipway: <input type="checkbox"/> Afloat:		Survey Commenced
At: _____		Survey Completed

Check the items with "X" mark and / or fill the applicable blank sand give details of the condition actually found as the case may be, mark where the item is not applicable.

1. EXTENT OF SURVEY

YES NO

1.1 Survey is completed at this time.

Survey is carried out in accordance with chapter 1, Regulation 8 of the above Convention and its Protocol covering all applicable items as listed in the record of Cargo Ship Safety Equipment.

1.2 Survey is not completed at this time

Parts that remain to be examined and deficiencies are listed under Surveyor's Notes Item 7.

The survey has to be completed no later than _____

2. ALTERATIONS

2.1 Are any alterations affecting the text of the Cargo Ship Safety Equipment Certificate shown in survey?

2.2 Are any alteration and / or renewal affecting the text of the Record of Safety Equipment? If so, list the alteration and / or renewal under Surveyor's Notes Item 7.3.

3. DOCUMENTATION

- 3.1 Fire Control Plans, including a duplicate set, are properly posted. (Ch. II-2, Reg. 20)
- 3.2 Muster list and emergency instructions are properly posted. (Ch. III, Reg. 8 & 37)
- 3.3 Operating instructions are provided on or in the vicinity of survival crafts and their launching controls using I.M.O. symbols. (Ch. III, Reg. 9)
Manning of survival craft and supervision. (Ch. III, Reg. 10).
- 3.4 The person in-charge of the survival craft is provided with a list of survival craft crew. In lifeboats the second-in-command is also provided with this list.
- 3.5 Training manual and on-board training aids. (Ch. III, Reg. 35)
- 3.5.1 Training manual is provided in each crew mess room and recreation room or each crew cabin.
- 3.5.2 On-board training aids are provided for marine system (if fitted).
- 3.6 Emergency training and drills. (Ch. III, Reg. 19)
- 3.6.1 Every crewmember participated in at least one abandon ship drill and one fire drill every month.
The dates when musters were held, details of abandon ship drills and fire drills, of other life-saving appliances and on-board training were recorded in the log book.
- 3.6.2
- 3.6.3 Indicate the last date: _____
The lifeboats are being lowered to the embarkation deck at least once every 3 months and are launched and are maneuvered in the water at least annually.
- 3.6.4 Indicate the last date: _____
The free-fall lifeboats are being launched and maneuvered in the water at least annually.
- 3.6.5 Indicate the last date: _____
launched with their assigned crew aboard and maneuvered in the water at least once every 3 months.
Indicate Last date: _____
- 3.7 Operational readiness, maintenance and inspections (Ch. III, Reg. 20 & 36)
- 3.7.1 Instructions for onboard maintenance of life saving appliances are provided.
- 3.7.2 Weekly inspections are being carried out weekly to all survival craft, rescue boats, to their launching appliances and engines and to the general alarm system.
- 3.7.3 Monthly inspections are being carried to life-saving appliances, including lifeboat equipment, using the checklist required as per the instructions for on-board maintenance of life-saving appliances. A report of inspection is entered in the logbook.
Indicate last date: _____
- 3.7.4 Spares and repair equipment are provided for life-saving appliances, which are subject to excessive wear or consumption.

4. SAFETY OF NAVIGATION

- 4.1 Miscellaneous. (Ch. V Reg 20, 27)
- 4.1.1 Charts up-to-date and current nautical publications (including sailing direction, list of lights, notices to mariners, tide tables, etc.) necessary for the intended voyages are provided.
- 4.1.2 International code of signals is provided.
- 4.1.3 Volume III of IAMSAR Manual provided
- 4.1.4 If auto-pilot fitted, change-over instructions from automatic to manual steering and vice versa are available and for the change-over and authorized officer is responsible.
- 4.1.5 Steering gear changeover procedures are permanently displayed.
- 4.1.6 The dates when steering gear testing and drill are being made are recorded in the log-book.
- 4.1.7 An illustrated table describing the life-saving signals is readily available to the officer of the watch.

4.2 Ship borne navigational equipment. (Ch. V, Reg. 19, 20)

- 4.2.1 Magnetic compass: standard: steering: spare:
- 4.2.2 Deviation card is updated
- 4.2.3 Means of communication between the standard magnetic compass position and the normal navigation control position.
- 4.2.4 Means for taking bearing over 360 degree.
- 4.2.5 Gyro-compass and any gyro repeaters.
- 4.2.6 Nautical charts (paper charts) Provided:
- 4.2.7 Electronic Chart Display and information system (ECDIS)
- 4.2.8 Back up arrangements for ECDIS: 2nd ECDIS Nautical charts
- 4.2.9 Radar installation: working in 9GHz frequency additional
- 4.2.10 Automatic radar plotting aid (ARPA).
- 4.2.11 Speed and distance indicator (through the water if fitted with ARPA).
- 4.2.12 Automatic Identification System (AIS); Annual test carried out on -----
- 4.2.13 Long Range Identification & Tracking System (Valid Conformance Test report available)
- 4.2.14 Voyage Data Recorder (VDR) Annual performance Test carried out on -----
- 4.2.15 Speed and Distance measuring device (through water)
- 4.2.16 Speed and Distance measuring device (Over ground in forward and athwart ship direction)
- 4.2.17 Echo-sounding device
- 4.2.18 Rudder angle indicator.
- 4.2.19 Propeller revolution counter
- 4.2.20 Propeller pitch and operational mode of variable pitch propellers or lateral thrust propellers.
- 4.2.21 Rate of turn indicator (for vessels>100.00 GT built on or after 01.09.1984).
- 4.2.22 Bridge Navigation Watch Alarm System (BNWAS)
- 4.3 Navigation lights. (Revised COLREG 1972)
- 4.3.1 Navigation lights according to record are tested.
- 4.3.2 Side light inboard screens painted matt black.
- 4.4 Sound Signal Appliances and Shapes. (COLREG 1972 as amended)
- 4.4.1 Daylight signaling lamp is tested on main and emergency source of power.
- 4.4.2 Shapes and sound signals, as listed in the record, is in order
- 4.5 Pilot transfer arrangements. (Ch. V, Reg. 23)
- 4.5.1 Pilot ladder
- 4.5.1.1 the side ropes, manropes, spreaders and steps are in good condition
- 4.5.1.2 the illumination for the ladder and boarding position is in good order.
- 4.5.1.3 A heaving line and one of the lifebuoys with self-igniting light available at hand.

5. LIFESAVING APPLIANCES

5.1 Line-throwing appliances and distress flares. (Ch. III, Reg. 6 & 18 and 3.1 & 7.1 LSA Code)

Item	NO	Make	Location	Description				
Line throwing appliances				Approved by:				
				Date:	Mfg		Expiry	
Ship's distress flare				Approved by:				
				Date:	Mfg		Expiry	

5.2 Survival Craft, rescue boat and their associated arrangements.

- 5.2.1 Lifeboats (Ch. III, Reg. 16,21 & 31 and 4.4, 4.5, 4.6, 4.7, 4.8, & 4.9 LSA Code)
- 5.2.1.1 Lifeboats No ----- now turned out and lowered to embarkation deck.
- 5.2.1.2 Lifeboats No ----- now turned out and lowered into the water and the disengagement gear released satisfactorily
- 5.2.1.3 Each motor lifeboat engine readily starts and operates satisfactorily both ahead and astern.
- 5.2.1.4 Each motor lifeboat provided with sufficient fuel for 24 hours continuous operation.
- 5.2.1.5 Each lifeboat self-contained air support system examined and tested.
- 5.2.1.6 Each lifeboat water spray fire-protection system examined and tested.
- 5.2.1.7 Inherent buoyancy examined, found or placed in good condition.
- 5.2.1.8 Lifeboats are in good condition, marked and provided with retro reflective material.
- 5.2.1.9 Equipment of each lifeboat in accordance with the record is complete and in good condition.
- 5.2.1.10 Fire extinguishers in motor lifeboat is serviced
- 5.2.1.11 Lifeboats distress signals.

Items	Type	Date of Manufacture	Date of Expiry
High altitude parachute signals (4)			
Hand flares (6)			
Buoyant smoke signals (2)			

5.2.2 Life rafts. (Ch. III, Reg. 21 & 31 and 4.1,4.2 & 4.3 LSA Code)

- 5.2.2.1 All life rafts are in good condition and properly marked
- 5.2.2.2 Inflatable life rafts and its hydrostatic release units have been serviced in the last 12 months.

Location	Maker	No. of person	Last serviced On	H.R.U serviced / expired on

- 5.2.2.3 Rigid life rafts examined and found in good condition, fully equipped, fitted with retro reflective material and marked.
- 5.2.2.4 Extended service intervals have been approved by the Administration for new and novel life raft arrangement. Certified personnel have checked on board the life raft system.

5.2.3 Rescue boat. (Ch. III, Reg. 17 & 31 and 5.1 LSA Code)

- 5.2.3.1 Rescue boat is in good condition, marked and provide with retro reflective material.
 - 5.2.3.2 Equipment of rescue boat in accordance with the Record is complete and in good condition.
 - 5.2.3.3 Rescue boat turned out and lowered into the water and the disengagement gear released satisfactorily.
 - 5.2.3.4 Engine readily starts and operates satisfactorily both ahead and astern. Sufficient fuel is provided.
- 5.2.4 Stowage, muster, embarkation, launching and recovery arrangements. (Ch. III, Reg. 11,12, 13, 14, 16 & 20 and 6.1 LSA Code)
- 5.2.4.1 Launching, embarkation and recovery arrangements found in order.
 - 5.2.4.2 Illumination of stowage, embarkation and launching positions tested using main and emergency source of power.
 - 5.2.4.3 Means of preventing discharge of water onto survival craft are provided.
 - 5.2.4.4 At least two lifelines (if applicable) are provided to each davit span.
 - 5.2.4.5 All shears, blocks, falls and all moving parts used in launching are free and well lubricated.
 - 5.2.4.6 Hidden parts of wire falls have been inspected.
 - 5.2.4.7 Falls used in launching have been renewed in the last 5 years.
 - 5.2.4.8 Dates of last renewal (according to log book's entries)

Boat no.	No 1	No 2	No 3	No 4	Rescue Boat

- 5.2.4.9 The launching appliances have been subjected to thorough examination and to a dynamic test of the winch brake in the last years.
Indicate last date: _____
- 5.2.4.10 The lifeboat on-board release gear has been subjected to a thorough examination and operationally tested under a load of 1.1 times the total mass of the lifeboat when loaded with its full complement of persons and equipment, in the last 5 years.
Indicate last date: _____

5.3 Personal Life-saving appliances

5.3.1 Life Jackets. (Ch. III, Reg. 7 & 32 and 2.2 LSA Code)

- 5.3.1.1 Certified number of approved lifejackets for at least every person on board fitted with a whistle, light as per Reg. 2.2.3 of LSA Code and retro reflective material.
Indicate last date: _____
- 5.3.1.2 Lifejackets stowed in accessible and clearly marked places.
- 5.3.1.3 Additional lifejackets are provided for the persons on watch stowed on the bridge in the engine control room and at my other manned watch station.

5.3.2 Lifebuoys. (Ch. III, Reg. 7 & 32 and 2.1 LSA Code)

- 5.3.2.1 Complete in accordance with the record found in good condition.
- 5.3.2.2

Lifebuoys distress Signals	Location	Date of manufacture	Date of Expiry
Self-ignition light			
Self-activating smoke signals			

5.3.3 Immersion suits, anti-exposure suits and thermal protective aids. (Ch III 7 & 32 and 2.3, 2.4 & 2.5 LSA Code)

- 5.3.3.1 All equipment found in good condition.
- 5.3.3.2 Number of equipment:
 - Immersion suits
 - Anti-exposure suits
 - Thermal protective Aids

- 5.4 Communications. (Ch. III, Reg. 6)
 - 5.4.1 The Two –way VHF radiotelephone apparatus tested and found in order. Indicate number: _____
 - 5.4.2 The radar transponders tested and found in order. Indicate number /expiry date of batteries: _____ / _____
 - 5.4.3 Onboard communication and alarm systems tested

6. FIRE APPLIANCES

- 6.1 Fire pumps, fire main, hydrants, hoses, nozzles, and shore connection. (Ch. II-2, Reg. 4 & 19)
 - 6.1.1 Fire pumps, including emergency fire pump capable of producing two jets of water, and when applicable also permitting the simultaneous of a deck foam system of a tanker
 - 6.1.2 Fire main, hydrants, hoses, nozzles and tools kept ready for use
 - 6.1.3 Each hose completes with couplings, nozzle and tools kept ready for use
 - 6.1.4 Fire hoses are of non-perishable material for vessels built on or after 01.02.1992 and for ships constructed before 1992 when fire hoses are replaced
 - 6.1.5 Nozzles are of an approved dual-purpose type, incorporating a shut-off for vessel built on or after 01.07.1984
 - 6.1.6 International shore connection with gasket, 4 bolts, 8 washers is available to be used on either side.
- 6.2 Fire extinguishers. (Ch. II-2, Reg. 6)
 - 6.2.1 All portable fire-extinguishers of not less than 9 liters and semi portable foam fire-extinguishers of not less than 45 liters were found fully charged and stowed in accordance with the Record. Indicate date of Recharging: _____
 - 6.2.2 Spare charges for extinguishers or spare extinguishers are provided
 - 6.2.3 All portable foam applicators units were found fully charged and stowed in accordance with the record. Indicate last date of Recharging: _____
 - 6.2.4 An approved portable extinguisher is provided to each fire space or boiler room in case a receptacle containing sand is not provided
- 6.3 Fireman’s Outfits. (Ch. II-2, Reg. 17)
 - 6.3.1 All fireman’s outfits are completed and in good condition
 - 6.3.2 Self-contained compressed –air-operated breathing apparatus, air cylinders and spare cylinders
 - 6.3.3 Examined and found in good condition
 - 6.3.4 Smoke helmets, masks and other attachments are operating satisfactorily
 - 6.3.5 Emergency escape breathing device
- 6.4 Fixed fire-extinguishing arrangements in machinery spaces. (Ch. II-2, Reg. 5,7,9& 10)
 - 6.4.1

Location	Type of system fitted	Date of last service
Engine Room		
Boiler Room		
Pump Room		

- 6.4.2 System and alarm tested and operating satisfactorily.
- 6.4.3 Piping, control valves and nozzles in good condition and clear obstruction.
- 6.4.4 Instructions relating to the operation of the system are provided

- 6.5 Special arrangements in machinery spaces. (Ch. II-2, Reg. 11 & 15)
 - 6.5.1 Means of stopping fans, fuel pumps and shutting off fuel oil suction pipes. Remote controls operating satisfactorily from outside the spaces concerned
 - 6.5.2 Exclusion of Air. Ventilator, Funnel opening, Skylights, Tunnel door close from outside
- 6.6 Fixed fire detection and fire alarm systems for periodically unattended spaces.
 - 6.6.1 System and audible – visual alarms tested and operating satisfactorily
- 6.7 Fire protection arrangements in cargo spaces. (Ch. II-2, Reg. 53 & 54)
 - 6.7.1 Fixed fire-extinguisher system tested and operating satisfactorily
 - 6.7.2 Piping, control valves and nozzles of the system in good condition and clear of obstructions
 - 6.7.3 Vent. Fans can be stopped and ventilators and all other openings close from outside
 - 6.7.4 Fire detection, fire-extinguishing arrangements, ventilation and other arrangements Ro-Ro cargo spaces and cargo spaces intended for the carriage of motor vehicles with fuel in their tanks for their own propulsion examined and found in good condition.
 - 6.7.5 The special requirements for ships carrying dangerous goods examined and found in good condition
- 6.8 Miscellaneous items. (Ch. II-2, Reg. 18 & 21)
 - 6.8.1 Master is aware of the intent that fire-extinguishing appliances shall be keep in good order and available for immediate use at all times
 - 6.8.2 Paint lockers Additional requirements for tankers. (Ch. II-2, Reg. 59, 60, 61 & 62) and flammable liquid lockers shall be protected by an appropriate fire extinguishing arrangement Indicate arrangement: _____
- 6.9 Additional requirements for tankers. (Ch. II-2, Reg. 59, 60, 61 & 62)
 - Fixed deck foam system.
 - 6.9.1 The piping fixed deck, foam system, monitors, foam applicators, isolation valves and other appliances of fixed deck foam system examined and found in satisfactory condition.
 - 6.9.2 At least on portable instrument for measuring flammable vapour concentration, with sufficient set of spares and means for calibration is provided
 - 6.9.3 Inert gas system
 - 6.9.3.1 Indicate date of last survey:----- _____
 - 6.9.3.2 General examinations to the whole system made
 - 6.9.3.3 The following equipment has been opened up and examined as deemed necessary
 -
 -
 -
 - 6.9.3.4 The following devices have been tested as deemed necessary
 -
 -
 -

7. SURVEYOR'S NOTES

7.1 Describe in detail parts that remain to be examined, and deficiencies, if any.

7.2 The following items with expiry date such as distress signals which expire within the validity of the cargo Ship Safety equipment Certificate concerned should be renewed upon expiry by the Owner.

7.3 If alterations and / or renewals affecting the text of the Record of Cargo Ship Safety Equipment describe in detail and correct the Record kept on board accordingly. Indicate number according to Record and correction endorsed to Record.

8. CERTIFICATE

8.1 The Cargo Ship Safety Equipment Certificate with No: ----- to be endorsed

8.2 A short-Term Cargo Ship Safety Equipment Certificate ----- to be issued

At: ----- Valid until: -----

8.3 A full-term Cargo Ship Safety Equipment Certificate to be issued

8.4 No full-term Cargo Ship Safety Equipment Certificate is to be issued before the survey is completed.

Date: _____

Surveyor: _____