

**CLASS ANNUAL SURVEY/INTERMEDIATE SURVEY/SPECIAL SURVEY/
GENERAL EXAMINATION* CHECKLIST FOR ACCOMMODATION BARGES/PONTOONS**

Ship Name: **I.R. No.:** **Report No.:**

Notes:
 1. This checklist is to be used while reporting surveys of non-self-propelled accommodation barges or pontoons.
 2. Where any repairs or any deficiencies pending comments to be included in the remarks section.

DOCUMENTATION
APPROVED TRIM & STABILITY INFORMATION Confirmation of availability of approved trim and stability booklet.
FIRE CONTROL PLAN Verification of proper posting of fire control plans including duplicate sets permanently stored in a prominently marked weather tight enclosures outside deckhouse.
ALTERATION AND/OR MODIFICATION Confirmation that no alteration or modification has been done from the initial arrangement.
EMERGENCY TOWING PROCEDURES Confirmation that specific emergency towing procedures available on board.
DAMAGE STABILITY Availability of damage stability information
ALTERNATIVE DESIGN & ARRANGEMENT Confirmation that, where applicable the approved documentation for the alternative design and arrangement is in board.
HULL & WEATHER DECK
MASTS AND STANDING RIGGING Masts, Derricks & Crane columns including their standing rigging.
FIRE DOORS AND CONTROLS Examination of manual/automatic fire doors, verification of their satisfactory operation including confirmation that no holding back arrangements exist and arrangements for self-closing & locking are in order.
SOUNDING PIPES Sounding pipes, including self-closing devices on short sounding pipes.
HATCHWAYS, MANHOLES AND OTHER OPENINGS Examination of condition of accessible hatchways, manholes and other openings and testing of hatchways on freeboard and superstructure decks including efficient condition of closing appliances.
WEATHER DECKS Examination of weather decks, side plating above water line and end bulkhead of enclosed superstructures.
LIFTING ARRANGEMENT Examination of arrangements for lifting fully loaded shipborne barges.
ARRANGEMENT FOR SYSTEMS/UNITS COMPRISING MANY MODULES Where pusher tugs or integral tug/barge systems or combination units comprising many modules, examination of the connecting elements, attachments and supporting structures.
TRUSS ARRANGEMENT Examination of truss arrangements for satisfactory condition
HULL MARKINGS Verification that hull markings such as freeboard markings, draft markings are legible and in satisfactory condition.
VENTILATORS Examination and or testing of ventilators including efficiency of their closing appliances.
PORTLIGHTS, WINDOWS, SIDE SCUTTLES AND DEAD LIGHTS Examination of condition of windows, portlights, side scuttles together with dead covers, cargo ports and similar openings in hull sides, ends or in enclosed superstructures including testing of closing arrangements for same.

Condition to be reported using number code as follows:

1. When examined found to be satisfactory and/or examined/tested satisfactory and/or confirmed arrangements exist in satisfactory condition. No repairs considered necessary this time.
 2. Repairs now recommended and were carried out satisfactorily. After repairs found to be satisfactory and/or examined / tested satisfactorily and/or confirmed arrangements exist in satisfactory condition.
 3. Repairs now recommended and remain outstanding.
 4. Opportunity to examine/test was not provided this time. Remains outstanding.
- NA - Not Applicable.

SCUPPERS, SANITARY DISCHARGES, VALVES AND CONTROLS

Examination scuppers and sanitary discharges together with valves and their control gear

SKYLIGHTS AND FIDDLEY OPENINGS

Examination and or testing of skylights and fiddley openings including their closing appliances

EXPOSED CASINGS, DECK HOUSES, COMPANION WAYS AND SUPERSTRUCTURES

Examination and/testing of exposed casings, deck houses, companionways and superstructure bulkheads including closing appliances

GUARD RAILS AND/OR BULWARKS

Examination of the condition and arrangement, fittings & appliances for timber deck cargo

WATERTIGHT BULKHEAD OPENINGS

Examining the watertight bulkheads as far as can be seen. Watertight bulkheads penetrations examination as far as practicable for satisfactory condition, watertight doors in watertight bulkheads

TOWING AND MOORING EQUIPMENT

Confirming that the towing and mooring equipment is properly marked with any restriction associated with its safe operation.

AIR PIPES

Examination and or testing of air pipes including efficiency of their closing appliances, weld connection between Air pipes and deck plating.

Confirmation that vents from tanks and ballast tanks (where applicable) are equipped with flame screens and mesh provided is in satisfactory condition.

FREEING PORTS

Examination of the condition and arrangement including shutters, hinges and crew protection bars

CHANGES IN STRUCTURAL FIRE PROTECTION

Confirmation, as far as practicable, that no changes have been made in the structural fire protection, examining any manual and automatic fire doors and proving their operation, testing the means of closing the main inlets and outlets of all ventilation systems and testing the means of stopping power ventilation systems from outside the space served

HELIDECK

Examination to verify that the helicopter deck and the supporting structures are maintained in a satisfactory condition. Markings of helicopter deck are in good condition.

MACHINERY SPACES**MACHINERY AND OTHER SPACES**

Confirming that the machinery and other pressure vessels, associated piping systems and fittings are so installed and protected so as to reduce to a minimum any danger to persons on board, due regard being given to moving parts, hot surfaces and other hazards

FIRE/EXPLOSION HAZARDS

Auxiliary machinery, all pressurized systems (pneumatic, hydraulic) and their associated fittings were examined to see whether they are being properly maintained and with particular attention to the fire and explosion hazards

Verification that oil/water leakages, accumulation of oil, with potential source of ignition does not exist in the machinery spaces. Leakages if any have been dealt and source of leakages rectified

Confirmation that lagging material on hot surfaces, anti-splash tapes on joints are in place as required and high-pressure fuel lines are jacketed and spray shields flanged/screwed joints of pipes are in satisfactory condition.

Confirmation that arrangement for high pressure fuel oil leak off alarm for auxiliary engines or any other diesel engines are satisfactory and operational. Drain lines are connected to alarm unit and working satisfactory.

Where flexible hoses/pipes are used, examination of hoses/pipes for any signs of material cracking or deterioration to ensure that, there is no damage, cut, kinked, crushed, twisted, hardened, cracked hoses/pipes exists in the oil systems.

REMOTE CONTROLS

Examining the means for operation of the auxiliary machinery essential for the safety of the barge/pontoon, including when applicable, the means of remotely controlling the machinery (including the control, monitoring, reporting, alert and safety actions) and the arrangements to operate machinery from a machinery control room.

BILGE PUMPING ARRANGEMENT

Examination of the bilge pumping systems and bilge wells including operation of each bilge pump (including hand pumps and eductors), extended spindles and level alarms, where fitted.

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NA - Not Applicable.

Operational confirmation of emergency bilge suction and bilge-pumping system as applicable.

NORMAL OPERATION OF MACHINERY

Confirming that the normal operation of the machinery can be sustained or restored even though one of the essential auxiliaries becomes inoperative.

SEA WATER PIPE EXPANSION JOINTS

Examination visually the condition of any expansion joints in sea water system.

ALARM SYSTEMS

Operation of safety devices, bilge level detection and alarm systems. Examination and testing of the general emergency alarm system and confirmation of the engineer's alarm that it is clearly audible in the engineer's accommodation.

SCHEDULE OF BATTERIES

Endorsed schedule of batteries for essential and emergency services available on board and maintenance being done as per this schedule.

Confirm that changes (If any) in battery type, location and rating are reviewed and endorsed.

MACHINERY SPACE VENTILLATION

Confirmation that ventilation in machinery space is in good working condition.

ELECTRICAL INSTALLATION

ELECTRICAL SYSTEM

General visual examination and in operation, as feasible, of the main electrical machinery, the emergency sources of electrical power, the switch gear, other electrical equipment including the lighting system.

The precautions provided against shock, fire and other hazards of electrical origin for proper maintenance. Electrical equipment and wiring installed in hazardous areas are of certified types suitable for flammable gas/air environment.

Confirmation that lights cover including emergency lights are in satisfactory condition.

Confirmation that 440V/220V panels are not showing low insulation resistance.

Confirmation that insulation mat is provided around the electrical switch board, panels.

EMERGENCY SOURCE OF POWER

The operation of the emergency source(s) of electrical power, including their starting arrangement, the systems supplied, and when appropriate, their automatic operation as far as practicable.

EMERGENCY SHUT DOWN

Confirmation of satisfactory operation of emergency shut down for ventilation system, non-essential electrical and other equipment.

EMERGENCY LIGHTING

General examination visually and in operation as far as practical of the emergency lighting at least at following areas

- i. at storage position(s) of fireman's outfit
- ii. at the sprinkler pump (if applicable)
- iii. on helicopter decks
- iv. embarkation station

NAVIGATIONLA WARNING LIGHTS

Confirmation that navigational warning lights are in good condition and operating satisfactorily.

HELIDECK LIGHTINGS

Confirmation that perimeter lights, flood lights, omni-directional red lights at the helideck are in good condition and operating satisfactorily.

FIREFIGHTING ARRANGEMENTS

SERVICING OF FIREFIGHTING APPLIANCES

Verification of evidences for proper maintenance and servicing of firefighting appliances.

No.	Item	Inspection Type	Date Last Done
1	Breathing apparatus	Examination	
		Testing	
2	Portable/Semi-portable Fire Extinguishers	Examination	
		Testing	
3	Fixed Fire Extinguishing System (CO ₂ /Halon/Foam/DCP/Other* (specify)		
	CO ₂	Weighthment	

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- NA - Not Applicable.

		5 Yearly servicing	
		10 Yearly servicing	
		Testing	
		Examination	
	Halon	Container Content Verified	
		Servicing	
		Container Pressure Testing	
		Examination	
	Foam	Sample Testing	
		Examination	
	DCP	Testing	
		Examination	
	Other (Specify).....	Testing	
		Examination	
4	Fireman's outfit	Examination	
5	International Shore Coupling	Examination	

MAIN AND EMERGENCY FIRE PUMP

Verification that each Fire pump (including starting and priming arrangements) is capable of producing the required jets of water produced simultaneously from different hydrants at any part of the ship whilst the required pressure is maintained in the fire main.

Confirmation that emergency fire pump including prime mover and priming arrangements, gauges are in satisfactory condition and pump is building required water pressure and two jets of water simultaneously. Tested pressure :.....bar

FIREMAINS, HYDRANTS, HOSES, NOZZLES AND APPLICATORS

Condition of fire main (no soft patches or doublers) together with flanges and valves, hydrants, hoses, nozzles, applicators, spanners, relief valves and international shore connection

READINESS OF FIRE HYDRANTS, HOSES

Each hose complete with couplings, nozzle (dual-purpose nozzles where applicable) and tools kept ready for use.

PORTABLE EXTINGUISHERS AND FOAM APPLICATORS

Confirmation that portable fire extinguishers correspond to the fire control plan w.r.t. number, type and location and that when examined were in good condition, fully charged and ready for use.

SPARE CHARGES

Availability of spare charge/s for each portable extinguisher or additional portable extinguishers of the same type

FIRE AND GAS DETECTION SYSTEM

Confirmation of proper functioning of fire and gas detection and alarm system.

REMOTE STOPPING OF FANS, OIL PUMPS, ETC

Verify that the remote controls for stopping fans and machinery are in working order.

Examination of the arrangements for remote closing of fuel oil transfer service pumps, ventilation systems and tank outlet valves for fuel oil, lubricating oil and other flammable oils and confirming, as far as practicable and as appropriate, the operation of the remote means of closing the valves on the tanks that contain oil fuel, lubricating oil and other flammable oils.

Confirmation that quick closing valves are in satisfactory condition and no valve is isolated/disconnected and operating instructions are displayed.

FIREMAN'S OUTFITS AND EEBDS

Confirmation that the fire fighters' outfits including its self-contained compressed air breathing apparatus and emergency escape breathing devices (EEBDs) as applicable are complete and in good condition and that the cylinders, including the spare cylinders, of any required self-contained breathing apparatus are suitably charged.

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FIXED FIRE FIGHTING SYSTEM

Examination of fixed firefighting system as appropriate including controls, piping, instructions and marking. Checking for evidence of proper maintenance and servicing including date of last systems tests.

Verification with regard to correct positioning (for in service condition) of safety pins were used on cylinder head discharge valves for fixed firefighting CO2 system are in accordance with manufacturer’s instruction manual.

Examination of the fixed carbon dioxide extinguishing systems, where applicable, are provided with two separate controls, one for opening of the gas piping and one for discharging the gas from the storage container, each of them located in a release box clearly identified for the particular space.

Examination of fixed pressure water-spraying system and related equipment.

CLOSING ARRANGEMENTS FOR SKYLIGHTS, FLAPS ETC

Examination of closing arrangements of ventilators, funnel annular spaces, skylights, doorways and tunnel where applicable, including condition of operating mechanism e.g. wire ropes, hydraulic piping etc.

EXHAUST DUCTS FROM GALLEY RANGE

Examination galley exhaust ducts fixed fire extinguishing system including closing arrangement of fire dampers and shutting of exhaust fans (where applicable)

MEANS OF ESCAPE

Confirmation that the means of escape are satisfactory doors are in the way of direction of escape, handrails are provided in the corridors that are being used as escape routes.

FIRE FIGHTING EQUIPMENT FOR HELICOPTER FACILITIES

Confirmation that portable fire extinguishers as per fire control plan are available and in satisfactory condition including back up extinguishers. Examination of condition of fire water system, fixed foam system. Examination for satisfactory condition of drainage and fuel spillage collection arrangement. Confirmation that “NO SMOKING” signs are displayed at appropriate locations. Confirmation that the means of escape and access for firefighting and rescue personnel at helideck are satisfactory.

(Applicable for helicopter facilities)

GENERAL**HOUSE KEEPING**

Verification as far as practicable that general housekeeping/cleanliness in machinery space, on deck, accommodation, galley, wash basins and toilets are satisfactory. Confirmation that no loose drums and no heavy items without securing/lashing on deck.

STATUTORY AND/OR FLAG SPECIFIC REQUIREMENTS

Confirmation that statutory requirements are complied with as applicable.

(Note: Compliance as required by ILLC, MARPOL, AFS, BWM Convention as applicable)

(Details to be provided in remark section.)

Flag and/or Coastal State specific requirements are complied with.

(Note: i) Compliance to ISPS Code.

ii) Compliance to SPS/MODU Code or national standard/code as applicable based on Flag Administration’s requirements, Details to be provided in remark section.)

ADDITIONAL REQUIREMENTS AS PER DGS ORDER 20 OF 2022 FOR NON-SELF-PROPELLED ACCOMMODATION BARGES CARRYING MORE THAN 12 PERSONS OTHER THAN MASTER AND CREW AND OPERATING IN INDIAN EXCLUSIVE ECONOMIC ZONE

Verification that following documents/ certificates are available onboard:

- i. Certificate of Insurance or Other Financial Security in Respect of Liability for the Removal of Wrecks (WRLC).
- ii. Certificate of Insurance or Other Financial Security in Respect of Liability for the Bunker pollution.
- iii. Certificate of Class for hull, machinery and anchor & mooring arrangements.
- iv. Load Line certificate.
- v. MARPOL certificates and its supplements (requirements under Annex-1, IV, V and VI).
- vi. ISPS certificate (or a SOC for foreign flag ships from an RO authorised by Government of India),
- vii. MLC certificate (or a SOC for foreign flag ships from an RO authorised by Government of India) including the financial security in accordance with the provisions of the MLC Convention,
- viii. Company DOC under ISM Code with endorsement for annual surveillance (or a SOC for foreign flag ships from an RO authorised by Government of India),

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- NA - Not Applicable.

- ix. Safety Management Certificate under ISM Code (or a SOC for foreign flag ships from an RO authorised by Government of India),
 - x. International Anti-Fouling System Certificate.
 - xi. "Ship's Register of Lifting Appliances and Cargo handling gear" and certificates of all gear on the vessel including cranes.
 - xii. Approved towing plan in fair and foul weather (manned or unmanned) as per MS Notice 08 of 2013.
 - xiii. Approved Mooring Analysis Assessment Report.
 - xiv. The Search and Rescue (SAR) plan and arrangements verified by RO to GOI (applicable with effect from 19 January 2023).
 - xv. Risk analysis reviewed by RO to GOI identifying the various risks involved to the vessel, crew, special personnel and marine environment.
 - xvi. Emergency evacuation plan and plan for emergency demobilization and proceeding to an assigned safe location.
- Trading licence issued by the Administration to operate in Indian waters.

Verification that GMDSS and radio communication equipment on board are in compliance with MODU Code, as applicable, for the GMDSS sea area A3 along with ship station license.

Maritime mobile V-Sat terminal used on board the vessel while operating in Indian waters complies with the requirements specified in the "Flight and Maritime Connectivity Rules, 2018 of the Ministry of Communication notified on 14.12.2018, as may be amended from time to time.

Provided with aero VHF for two-way on scene radio communications for search and rescue purposes using the aeronautical frequencies 12L,5 MHz and 123.L MHZ.

Confirmation that Immersion suits are provided for all personnel onboard and additional immersion suits are provided for personnel at bridge and machinery control room.

Confirmation that maximum age of life rafts used on board is not more than 10 years.

Complies with the IMO guidelines issued vide IMO circular "MSC-MEPC .7/Circ.10" dated 14/07/2014 and international marine Contracts Association (IMCA) guidance on transfer of personnel to and from offshore vessels while transferring the persons from the vessel to offshore platforms or accommodation barges or offshore ships.

ADDITIONAL REQUIREMENT TOWARDS INTERMEDIATE SURVEY
(To be filled in addition to Annual Survey)

PIPING SYSTEM

Examination of all bilge and ballast piping systems incl. operational testing to working pressure to confirm that the tightness and condition are satisfactory. Above to include all piping in the ballast tanks, cargo holds, pipe tunnels, cofferdams and void spaces bounding cargo holds.

EXAMINATION OF TANKS, SPACES AND THICKNESS MEASUREMENT

Confirmation that internal examination of tanks, spaces including testing and thickness measurements are carried out satisfactorily as per the rule requirements and reported separately.

ADDITIONAL REQUIREMENT TOWARDS SPECIAL SURVEY
(To be filled in addition to Annual Survey)

MOORING ROPES AND TOW LINES

Confirmation that sufficient mooring ropes and tow lines are provided onboard.

Testing of the functionality of the emergency release system.

Testing of the towline load for the emergency release system in both a normal power condition and power blackout condition.

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- NA - Not Applicable.

STATUS OF SURVEY AND CERTIFICATE

Confirmation that the Annual Survey/Intermediate Survey/Special Survey* completed satisfactorily.

General examination of the vessel carried out satisfactorily towards [postponement of special survey/for granting voyage permission/towards class entry/towards condition improvement program/(specify)]* with the scope of Annual survey/Intermediate Survey/Special Survey* relevant to the age and type of the vessel as per Rules.

(Note: (i) Authorisation reference received from head office/flag Administration are to be provided under "Remarks"

(ii) Further survey scope covered for postponement survey are to be confirmed by indicating under "Remarks")

On satisfactory completion of the survey/examination* Full-Term Certificate issued/endorsed/extended/interim certificate issued/short term certificate issued*

(Note: Validity of the short-term certificates and other conditions based on which the certificate is issued are to be included in the "Remarks" section)

Confirmation that the Annual Survey/Intermediate Survey/Special survey* carried out partly as reported. Extent of survey/examination* carried out/pending* is reflected in the survey status.

(Note: Explanation for carrying out surveys partly may be included under "Remarks")

Annual Survey/Intermediate Survey/Special survey/General examination* could not be completed due to reason as provided under "Remarks" and the survey window having been expired it is recommended that the class of the vessel may be suspended.

Note: Extent of survey/examination carried out/pending is reflected in the survey status as additional information and pending repairs to deficiencies have been reflected in the survey status as condition of class

The special survey has been preponed in consultation with the Flag Administration for alignment with statutory renewal surveys. A fresh date for special survey is recommended to be assigned.

The Annual/Intermediate* survey has been completed before the survey window at the request of the owner and the anniversary date is amended in the class certificate accordingly.

Remarks:

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