

CLASS CHECKLIST FOR ACCOMMODATION BARGES/PONTOONS

Type of Survey: Annual Survey/Intermediate Survey/Special Survey/General Examination*

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

NOTES:	
1	Use “Y” for Yes/Satisfactory, “N” for Not Satisfactory, “NO” for No, “NA” for Not Applicable, “P” for Remains outstanding.
2	This checklist is to be used while reporting surveys of non-self-propelled accommodation barges or pontoons.
3	Where any repairs or any deficiencies pending comments to be included in the remarks section.
4	Where the services of an approved firm is utilized, details of approval and personnel qualification is to be provided under remarks. Alternatively, copy of approval page may be uploaded with the report.

Sr. No.	Item	Y/N/NO/NA/P
A	DOCUMENTATION	
1	APPROVED TRIM & STABILITY INFORMATION Confirmation of availability of approved trim and stability booklet.	
2	FIRE CONTROL PLAN Confirming that the fire control plans are permanently exhibited or, alternatively, emergency booklets have been provided and that a duplicate of the plans or the emergency booklet are available in a prominently marked enclosure external to the ship's deck house.	
3	ALTERATION AND/OR MODIFICATION Confirmation that no alteration or modification has been done from the initial arrangement.	
4	EMERGENCY TOWING PROCEDURES Confirmation that specific emergency towing procedures available on board.	
5	DAMAGE STABILITY Availability of damage stability information.	
6	ALTERNATIVE DESIGN & ARRANGEMENT Confirmation that, where applicable the approved documentation for the alternative design and arrangement is in board.	
B	HULL & WEATHER DECK	
1	MASTS AND STANDING RIGGING Masts, Derricks & Crane columns including their standing rigging.	
2	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.	
3	SOUNDING PIPES Sounding pipes, including self-closing devices on short sounding pipes.	
4	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.	
5	WEATHER DECKS Examination of weather decks, side plating above water line and end bulkhead of enclosed superstructures.	
6	LIFTING ARRANGEMENT Examination of arrangements for lifting fully loaded shipborne barges.	
7	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.	
8	TRUSS ARRANGEMENT Examination of truss arrangements for satisfactory condition.	
9	HULL MARKINGS Verification that hull markings such as freeboard markings, draft markings are legible and in satisfactory condition.	

10	VENTILATORS Examination and or testing of ventilators including efficiency of their closing appliances.	
11	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.	
12	SCUPPERS, SANITARY DISCHARGES, VALVES AND CONTROLS Examination scuppers and sanitary discharges together with valves and their control gear.	
13	SKYLIGHTS AND FIDDLEY OPENINGS Examination and or testing of skylights and fiddley openings including their closing appliances.	
14	EXPOSED CASINGS, DECK HOUSES, COMPANION WAYS AND SUPERSTRUCTURES Examination and/testing of exposed casings, deck houses, companionways and superstructure bulkheads including closing appliances.	
15	GUARD RAILS AND/OR BULWARKS Examination of the condition and arrangement, fittings & appliances for timber deck cargo.	
16	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.	
17	TOWING AND MOORING EQUIPMENT Confirming that towing and mooring equipment are maintained in good condition and are properly marked with any restrictions associated with its safe operation. Relevant plans/procedures/certificates and record of inspection/maintenance are available on board.	
18	AIR PIPES	
18.1	Examination and or testing of air pipes including efficiency of their closing appliances, weld connection between Air pipes and deck plating.	
18.2	Confirmation that vents from tanks and ballast tanks (where applicable) are equipped with flame screens and mesh provided is in satisfactory condition.	
19	FREERING PORTS Examination of the condition and arrangement including shutters, hinges and crew protection bars.	
20	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.	
21	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.	
C	MACHINERY SPACES	
1	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.	
2	FIRE/EXPLOSION HAZARDS	
2.1	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.	
2.2	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.	
2.3	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.	
2.4	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.	
2.5	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.	

3	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.	
4	BILGE PUMPING ARRANGEMENT	
4.1	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.	
4.2	Operational confirmation of emergency bilge suction and bilge-pumping system as applicable.	
5	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.	
6	SEA WATER PIPE EXPANSION JOINTS Examination visually the condition of non-metallic expansion joints where fitted in piping systems which penetrate the ship's side, with both the penetration and the expansion joint located below the deepest load waterline, and checking the service record	
7	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.	
8	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.	
9	MACHINERY SPACE VENTILLATION Confirmation that ventilation in machinery space is in good working condition.	
D	ELECTRICAL INSTALLATION	
1	ELECTRICAL SYSTEM	
1.1	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.	
1.2	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.	
1.3	Confirmation that lights cover including emergency lights are in satisfactory condition.	
1.4	Confirmation that 440V/220V panels are not showing low insulation resistance.	
1.5	Confirmation that insulation mat is provided around the electrical switch board, panels.	
2	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.	
3	EMERGENCY SHUT DOWN Confirmation of satisfactory operation of emergency shut down for ventilation system, non-essential electrical and other equipment.	
4	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	
5	NAVIGATIONLA WARNING LIGHTS Confirmation that navigational warning lights are in good condition and operating satisfactorily.	
6	HELIDECK LIGHTINGS Confirmation that perimeter lights, flood lights, omni-directional red lights at the helideck are in good condition and operating satisfactorily.	
E	FIREFIGHTING ARRANGEMENTS	
1	MAIN & EMERGENCY FIRE PUMP, HYDRANTS, HOSES, NOZZLES Examining the fire pumps, fire main, hydrants, hoses and nozzles and the international shore	

	connection and checking that each fire pump, including the emergency fire pump, can be operated separately so that two jets of water are produced simultaneously from different hydrants at any part of the ship while the required pressure is maintained in the fire main.	
2	READINESS OF FIRE HYDRANTS, HOSES Each hose completes with couplings, nozzle (dual-purpose nozzles where applicable) and tools kept ready for use.	
3	PORTABLE EXTINGUISHERS AND FOAM APPLICATORS Checking the provision and randomly examining the condition of the portable and non-portable fire extinguishers.	
4	SPARE CHARGES Availability of spare charge/s for each portable extinguisher or additional portable extinguishers of the same type.	
5	FIRE AND GAS DETECTION SYSTEM Examining, as far as possible, and testing, as feasible, any fire detection and alarm system and any sample extraction smoke detection system.	
6	REMOTE STOPPING OF FANS, OIL PUMPS, ETC Verify that the remote controls for stopping fans and machinery and shutting off fuel supplies in machinery spaces are in working order.	
7	REMOTE STOPPING OF VALVES a) Examining the arrangements for oil fuel, lubricating oil and other flammable oils and testing the remote closing of valves for oil fuel, lubricating oil and other flammable oils and the operation of the remote means of closing the valves on the tanks that contain oil fuel, lubricating oil and other flammable oils. b) Confirmation that quick closing valves are in satisfactory condition and no valve is isolated/disconnected and operating instructions are displayed.	
8	FIREMAN'S OUTFITS AND EEBDS Confirming that the fire-fighters' outfits including their self-contained compressed air breathing apparatus and emergency escape breathing devices (EEBDs) are complete and in good condition, that the cylinders, including the spare cylinders, of any required self-contained breathing apparatus are suitably charged, and that onboard means of recharging breathing apparatus cylinders used during drills or a suitable number of spare cylinders to replace those used are provided, and provision of two-way portable radiotelephone apparatus of an explosion-proof type or intrinsically safe.	
9	FIXED FIRE FIGHTING SYSTEM (MACHINERY, CARGO, PAINT LOCKER, DEEP FAT COOKING ETC.)	
9.1	Examining the fixed fire-fighting system and confirming that the installation tests have been satisfactorily completed and that its means of operation is clearly marked.	
9.2	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.	
9.3	Checking that fixed carbon dioxide fire-extinguishing systems for the protection of machinery spaces and cargo pump-rooms, 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.	
9.4	Examining the fire-extinguishing system for spaces containing paint and/or flammable liquids and deep-fat cooking equipment in accommodation and service spaces.	
10	CLOSING ARRANGEMENTS FOR SKYLIGHTS, FLAPS ETC Examining the fire-extinguishing and special arrangements in the machinery spaces and confirming, as far as practicable and as appropriate, the operation of the remote means of control provided for the opening and closing of the skylights, the release of smoke, the closure of the funnel and ventilation openings, the closure of power-operated and other doors, the stopping of ventilation and boiler forced and induced draught fans and the stopping of oil fuel and other pumps that discharge flammable liquids.	
11	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)	
12	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.	

13	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)	
F	GENERAL	
1	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.	
2	STATUTORY AND/OR FLAG SPECIFIC REQUIREMENTS	
2.1	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)	
2.2	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)	
G	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	
1	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), 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.	
2	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.	
3	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.	
4	Provided with aero VHF for two-way on scene radio communications for search and rescue purposes using the aeronautical frequencies 121,5 MHz and 123.1 MHz.	
5	Confirmation that Immersion suits are provided for all personnel onboard and additional immersion suits are provided for personnel at bridge and machinery control room.	

6	Confirmation that maximum age of life rafts used on board is not more than 10 years.	
7	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.	
H	ADDITIONAL REQUIREMENT TOWARDS INTERMEDIATE SURVEY (To be filled in addition to Annual Survey)	
1	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.	
2	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.	
I	ADDITIONAL REQUIREMENT TOWARDS SPECIAL SURVEY (To be filled in addition to Annual Survey)	
1	MOORING ROPES AND TOW LINES	
1.1	Confirmation that sufficient mooring ropes and tow lines are provided onboard.	
1.2	Testing of the functionality of the emergency release system.	
1.3	Testing of the towline load for the emergency release system in both a normal power condition and power blackout condition.	
2	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.	
3	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.	
J	STATUS OF SURVEY AND CERTIFICATE	
1	Confirmation that the Annual Survey/Intermediate Survey/Special Survey* completed satisfactorily.	
2	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”)	
3	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)	
4	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”)	
5	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)	
6	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.	
7	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:		