

Condition Survey Report- Barges- Liquid Cargo/ Tank

Incomplete

Score	0 / 128 (0%)	Flagged items	0	Actions	0
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Site conducted

Unanswered

Condition survey

Type of report:

Barge name:

IMO No.:

Business Group

Date survey completed

Location- survey port

Surveyor's name:

Survey company:

Surveyor's ref. no.:

Order club:

American Club

Club ref. no.:

1.1 PARTICULARS**1.1.1 Barge name:****1.1.2 Ex. names:****1.1.3 IMO No:****1.1.4 Flag state:****1.1.5 Builder:****1.1.6 Year built:****1.1.7 Class society:****1.1.8 Class notations:****1.1.9 Ship type & brief description:****1.1.10 GT:****1.1.11 DWT:****1.1.12 Last docking:****1.1.13 Last Class Renewal:****CREW MATRIX****Crew list****Add rank****2. CIRCUMSTANCES OF SURVEY**

Describe in brief the circumstances under which the survey was carried out, such as, but not limited to, the date and the time the for the Club

*** Not Applicable (NA) items and Not Inspected (NI) items (giving details of item number)**

Details**2.1 Trading pattern:****2.2 Cargo onboard and last three cargoes**

2.3 Master's name:

2.4 Company name on the ISM DOC:

2.5 Name of owner's representative:

2.6 Time under present management

2.7 Ballast tanks inspected*:

2.8 Cargo holds/tanks inspected*:

3.1 Survey summary

Following the completion of the survey, and based on the surveyor's overall impression of the vessel, the surveyor is requested to rate the following areas (1=excellent 2=good 3=fair 4=poor 5=very poor) and provide remarks if rated Fair, Poor or Very Poor on the reason/s why

Shipboard management:

Safety:

Fire safety:

Life saving appliances:

Pollution and environmental awareness:

Navigation:

Apparent structural condition:

Machinery:

Cargo worthiness:

Shipboard Security and Cyber Security

Maintenance and housekeeping:

3.2 Surveyor's summary

Advise on the subject(s) which give rise to the most concern regarding safety of crew, vessel or cargo:

Surveyor's general comments and summary

Survey report enclosures- please upload survey images including pictures of relevant

documents.

4.1 Class and Statutory Certificates

0 / 3 (0%)

4.1.1 Are the relevant class and statutory certificates valid?

4.1.2 Are certificates without any conditions, recommendations, exemptions or memoranda affecting safety of life, ship, cargo or environment?

4.1.3 Are the latest UTG results available?

Additional information

4.2 Shipboard management (Section to be completed taking into consideration time under present management)

0 / 10 (0%)

4.2.1 Is a Planned Maintenance System implemented and kept up to date?

4.2.2 Are there contingency plans onboard to deal with emergencies and spills, as applicable?

4.2.3 Is there a stability manual available and are all relevant personnel familiar with the limitations imposed by it?

4.2.4 Are stability records maintained by responsible person?

4.2.5 Are records maintained for ballasting operations

4.2.6 Is a Cargo Securing Manual or Cargo Loading Manual available onboard?

4.2.7 Are accidents or incident reports raised and handled in a satisfactory manner?

4.2.8 Are suitable diagrams available for all piping systems onboard?

4.2.9 Are relevant cargo carriage guidelines/regulations available onboard?

4.2.10 Are procedures in place for handling dangerous goods?

Additional information

4.3 Safe Working

0 / 9 (0%)

4.3.1 As observed, are safe working practices, including enclosed space entry followed onboard?

4.3.2 Are portable oxygen and gas detection meters, appropriate to the vessel type, provided and regularly calibrated?

4.3.3 Are relevant personal protective equipment and clothing provided and in use?

4.3.4 Is there a suitable safe means of access to the barge?

4.3.5 Are there suitable guard rails provided and in use?

4.3.6 Are "No Smoking" areas clearly marked, and were these regulations observed during visit?

4.3.7 Is CO2 installation, if fitted, protected against unauthorized release?

4.3.8 Are emergency procedures in place and available/displayed onboard?

4.3.9 Are the following Loss Prevention publications present onboard; Four (4) comic pamphlets and six (6) "Man Overboard!" comic safety posters?

Additional information

4.4 Hygienic Standard and House Keeping

0 / 3 (0%)

4.4.1 If fitted, are crew galley and pantries clean and tidy? Is fitted equipment in apparent satisfactory condition?

4.4.2 If fitted, are provision and cold stores clean, tidy and maintained to correct temperature?

4.4.3 Is the general house-keeping standard satisfactory?

Additional information

4.5 Fire Safety

0 / 9 (0%)

4.5.1 Are fire extinguishers of approved type, properly stowed, regularly serviced and sufficient in numbers?

4.5.2 Are oxygen and acetylene bottles fitted with flashback arrestors and stored in well ventilated designated places?

4.5.3 Are suitable means of isolating machinery spaces

available and in apparent suitable condition?

4.5.4 Is the fire detection system in satisfactory condition?

4.5.5 Are combustible and hazardous materials stored in designated spaces and provided with Material Safety Data Sheets?

4.5.6 Are main and emergency exits unobstructed?

4.5.7 Is the fire integrity, including fire doors, fire dampers and shutters throughout the vessel in apparent satisfactory condition?

4.5.8 Are the machinery rooms and other spaces free from temporary flexible hoses for liquid's transfer?

4.5.9 Are all flexible pipes, hoses and hose assembly installed as designed by original manufacturer only when necessary to accommodate relative movement between fixed piping and machinery parts, and shorter than 1.5 meters, free of sharp bends and not over-twisted?

Additional information

4.6 Life Saving Appliances

0 / 8 (0%)

4.6.1 Are lifebuoys of approved type, properly stowed and sufficient in numbers?

4.6.2 Are life vests of approved type, properly stowed and sufficient in numbers?

4.6.3 Are life rafts and hydrostatic releases properly secured / fitted and in apparent satisfactory condition?

4.6.4 Are immersion suits of approved type, properly stowed and sufficient in numbers?

4.6.5 Are sufficient first aid boxes / medical stores available onboard?

4.6.6 Are signs for safety equipment in place marked with IMO symbols and instructions written in the working language of the vessel?

4.6.7 Are the machinery rooms and other spaces free from temporary flexible hoses for liquid's transfer?

4.6.8 Are all flexible pipes, hoses and hose assembly installed as designed by original manufacturer only when necessary

to accommodate relative movement between fixed piping and machinery parts, and shorter than 1.5 meters, free of sharp bends and not over-twisted?

Additional information

4.7 Pollution Control

0 / 9 (0%)

4.7.1 Are there suitable means available for containing any spillage on deck?

4.7.2 If save-alls are fitted, are these in apparent satisfactory condition?

4.7.3 Is oil spill clean-up equipment available onboard?

4.7.4 Is there suitable means for storing and segregating waste onboard?

4.7.5 Is the barge apparently free from any hull, bulkhead, valve or pipeline leakage, including hydraulic lines, liable to cause pollution or affect safe operations?

4.7.6 Are there procedures in place for transferring bunkers, oil or contaminated bilges?

4.7.7 Are measures in place to prevent overboard release of oil, sludge or sewage?

4.7.8 Is the Oil Record Book Part I properly filled out and up to date?

4.7.9 Is the Garbage Record Book up to date?

Additional information

4.8 Hull and Deck

0 / 13 (0%)

4.8.1 Is the visible condition of the external shell plating apparently satisfactory?

4.8.2 Is the visible condition of the weather deck apparently satisfactory?

4.8.3.(a) Is the condition of the superstructure apparently satisfactory?

4.8.3.(b) If sighted does the thickness gauging report show areas with steel diminution all below 20%?

4.8.3.(c) If available – provide date of the last UT thickness measurement report and the average (percentage) diminution of shell, deck, bottom and hold/tank bulkhead plating thickness.

4.8.4 Is the condition of the coatings apparently satisfactory?

4.8.5 Are all hull markings clearly legible?

4.8.6 Are boarding ladders, gangways, accommodation ladders and platforms in apparent satisfactory condition?

4.8.7 Are towing points, bollards, fairleads, windlasses, capstans, tow bridle, mooring ropes and wires in apparent satisfactory condition?

4.8.8 Are anchors and visible sections of anchor chain in apparent satisfactory condition?

4.8.9 Are weathertight/watertight doors and hatches fully operational and providing effective sealing?

4.8.10 Are vents and air/sounding pipes on deck in satisfactory condition with efficient closing devices and clearly marked with the compartment they serve?

4.8.11 Is there sufficient lighting fitted and operational including navigation lights and signals?

4.8.12 Are derricks, cranes and other lifting equipment properly maintained/checked? Has periodical inspections and testing been carried out?

Additional information

4.9 Ballast Tanks and Void Spaces

0 / 10 (0%)

4.9 Ballast tanks and void spaces

4.9.1 Are manhole covers in apparent satisfactory condition?

4.9.2 Is the means of access in an apparently satisfactory condition?

4.9.3 Are the internal bulkheads, frames, stringers, brackets and stiffeners apparently free from structural damage?

4.9.4 Is the internal structure apparently free from significant wastage, pitting and scale?

4.9.5 Is the internal coating in apparently satisfactory condition?

4.9.6 Are anodes fitted and in apparent satisfactory condition?

4.9.7 Are the inspected tanks / void spaces free from any sign of oil contamination?

4.9.8 Is pipework passing through tanks / void spaces in apparent satisfactory condition?

Additional information

4.10 Machinery Spaces

0 / 16 (0%)

4.10.1 Are all machinery spaces/ compartments including bilges clean, tidy and free from combustible materials?

4.10.2 Is all machinery in apparent good condition and free from significant oil or water leakages and/or temporary drains?

4.10.3 Is all machinery exhaust lagging intact and free from leaks?

4.10.4 Are machinery space pipe systems, sea suction and overboard valves free from apparent deterioration, leaks, temporary repairs and cement boxes?

4.10.5 Is there suitable means in place for shutting down machinery in an emergency?

4.10.6 Are all bilges fitted with functioning high-level alarms?

4.10.7 Are regular tests carried out on machinery emergency shutdowns?

4.10.8 Is the machinery space adequately lit?

4.10.9 Is there an operational emergency lighting system in place?

4.10.10 Is the ballast system fully operational?

4.10.11 Are all valves clearly identified?

4.10.12 Are all pipelines marked according to the International pipe color code system?

4.10.13 Are battery spaces free from sources of ignition and provided with sufficient ventilation?

4.10.14 Is the switchboard fully operational and regularly tested?

4.10.15 Are machinery space gratings in place, secured and in a clean condition?

4.10.16 Are reefer power sockets in satisfactory condition?

Additional information

Part C: 5. Survey Questionnaire - Barges Liquid Cargo

0 / 38 (0%)

5.1.1 Are cargo tanks suitable for the carriage of nominated cargoes? Is tank coating in apparent satisfactory condition?

5.1.2 Is the structure in cargo tanks apparently free from significant corrosion, pitting, scaling, buckling, dents, fractures, wastage, doublers, temporary repairs etc.?

5.1.3 Is the plating under suction bell mouths in apparent satisfactory condition?

5.1.4 Are cargo pumps and stripping arrangements fully operational including associated monitoring, alarms instrumentation and controls?

5.1.5 Are cargo pump emergency stops properly located and regularly tested?

5.1.6 Is the condition of pipework within or passing through in apparent satisfactory condition?

5.1.7 Are deck cargo piping, manifolds and relevant deck equipment suitably marked and in apparent satisfactory condition?

5.1.8 Are reducers, removable U-bends and cargo hoses in apparent satisfactory condition?

5.1.9 Are spill trays and save-alls in apparent satisfactory condition and free from cargo?

5.1.10 Is portable testing equipment provided as required and are records kept of recent calibration?

5.1.11 Are all electrical appliances suitable for use in hazardous areas?

5.1.12 Are pumps and shaft bearings in apparent satisfactory condition and free from leaks?

5.1.13 Is pump control area clean, tidy and free from cargo?

5.1.14 Is pump control area suitably ventilated?

5.1.15 Is the cargo heating system operational and well maintained?

5.1.16 Are manifolds fitted with drain lines and purge points with valve and cap?

5.1.17 Has a SIRE and / or CDI vetting inspection been carried out recently?

5.1.18 Are P.V. valves and / or vapor return lines fitted, operational and in apparent satisfactory condition?

5.1.19 If fitted, is inert system fully operational and in apparent satisfactory condition with records maintained?

5.1.20 Have all pipelines, cargo hoses, reducers and couplings been pressure tested recently and marked with date?

Additional information

5.2.1 Is the tank cleaning system in apparent satisfactory condition and fully operational?

5.2.2 Are suitable procedures and plans provided and followed for tank cleaning?

Additional information

5.3.1 Are closing devices, associated gaskets and securing arrangements on the freeboard deck in apparent satisfactory condition?

5.3.2 Are vapor locks fitted, calibrated and operational?

5.3.3 Are air locks, if applicable, operational and in apparent satisfactory condition?

Additional information

5.4.1 Are cargo monitoring indicators, controls and panels in apparent satisfactory condition?

5.4.2 Are records kept of cargo operations?

5.4.3 Is the tank gauging system operational?

5.4.4 Are procedures in place for regular gas detection and monitoring?

5.4.5 Are safety guidelines regarding static hazards in place and strictly adhered to?

5.4.6 Is oil discharge monitoring equipment fitted and apparently operational?

5.4.7 Are suitable arrangements in place for cargo sampling?

5.4.8 Is suitable cargo information available?

5.4.9 Are plans / procedures in place for loading and discharging of cargo?

5.4.10 Are there procedures in place for barge / shore information exchange including emergency shutdown procedures?

Additional information

5.5.1 Relevant cargo high level alarms

5.5.2 Remote cargo pump stops and shutdowns

5.5.3 Decontamination showers and eye baths on deck (operational under all ambient weather conditions?)

Additional information

Signatures

Master's signature: (For receipt only)

Surveyor's signature
