

## Chemical Tanker - Condition Survey Report IG

Incomplete

Score	0%	Flagged items	0	Actions	0
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Site conducted

Unanswered

Ship name

IMO no.

Member

Type of Vessel

Date survey completed

Location

Surveyor's name

Survey company

Surveyor's ref. no.

Club ref. no.

Does the surveyor understand that actions are not to be created? (this is a north internal function only)

Does the surveyor understand that selecting 'No' to a question indicates a defect? (selecting 'No' will open another box asking why is it a defect, please keep the description short but informative)

**This report, and any accompanying documentation or photographs, has been compiled for the sole use of the Club for insurance purposes only and should not be disclosed to third parties without prior written permission from the Club. The information contained in this report, and any accompanying documentation or**

**photographs, is not exhaustive as to the general condition of the ship and should not be relied upon by members or by any other party as any assurance, representation or warranty as to the condition of the ship and nothing herein shall prejudice the Club's rights under the insurance policy in the event of a dispute between the Club and the member relating to the condition of the ship.**

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The surveyor must read and understand the instructions prior to commencing the survey

[Surveyor Instructions Internal.pdf](#)

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## Vessel Particulars

### 1.1 PARTICULARS

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**Ex. names:**

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**Flag State:**

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**Builder:**

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**Year built:**

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**Class society:**

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**Class notations:**

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**Gross tonnes:**

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**Deadweight tonnage:**

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**Date of last docking:**

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**Date of last class renewal:**

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## Crew Matrix

Add rank

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## Circumstances Of Survey

### Circumstances of survey

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**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**

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**\*Areas not inspected (NI) Areas not covered during the current inspection and any items marked NI (giving details of item number**

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## Details

### Details

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**Ship's trading pattern:**

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**Cargo onboard and last three cargoes**

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**Master's name:**

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**Company name on the ISM DOC:**

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**Time under present management:**

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**Ballast tanks inspected\*:**

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**Cargo holds/tanks inspected\*:**

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**Was a tightness test of hatch covers carried out?**

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**Survey Questions - All Ship Types (Not Incl Tugs & Barges)  
Class & Statutory Certificates - Section A**

**A1 - Are certificates without any conditions, recommendations, exemptions or memoranda affecting safety of life, ship, cargo or environment?**

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**CQ1 - Is manning in compliance with the Safe Manning Certificate?**

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**CQ2 - Are class & statutory certificates valid?**

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**CQ3 - Does the vessel possess all necessary certification?**

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**Additional information / Defect explanation**

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**Survey Questions - All Ship Types - Shipboard Management - Section B**

**B1 - Are internal audits carried out at regular intervals and are they satisfactorily reported?**

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**B2 - Are safety meetings carried out at a regular interval and a protocol kept?**

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**B3 - Are non-conformity / accident / near accident reports raised and handled in a satisfactory manner?**

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**B4 - Are Masters' Reviews carried out and satisfactorily reported?**

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**B5 - Is a muster list available, current and prominently posted in relevant areas?**

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**B6 - Is an adequate emergency command structure in place?**

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**CQ4 - Is the planned maintenance system implemented & kept up to date including the critical spares list maintained?**

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**CQ5 - Is SPS (ISPS) prescribed access control in place?**

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**CQ6 - Are there contingency plans onboard to deal with emergencies and spills, as applicable?**

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**CQ7 - Is there an identified common language spoken by crew and understood by all?**

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**CQ8 - Is random or specific drug and alcohol testing carried out?**

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**CQ9 - Are safe working practices, including work permit procedures, implemented and adhered to particularly with regards to enclosed space entry?**

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**CQ10 - Are emergency drills carried out frequently on board?**

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**CQ11 - Are portable oxygen and gas detection meters provided, and regularly calibrated and are the crew able to operate these effectively?**

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**CQ12 - Is adequate lighting provided throughout the vessel?**

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**Additional information**

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**Survey Questions - All Ship Types - Safe Working - Section C**

**C1 - Is relevant personal protective equipment and clothing, appropriate to the vessel type and cargo, provided and in use?**

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**C2 - Are alarms from cold stores and freezers in apparent satisfactory condition?**

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**C3 - Are mobile safety guards such as rails, lines and wires etc. provided and in use?**

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**CQ13 - Are walkways & stairways in apparent satisfactory condition throughout the vessel?**

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**CQ13a - Are catwalks & ladders in apparent satisfactory condition throughout the vessel?**

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**CQ13b - Are platforms and handrails in apparent satisfactory condition throughout the vessel?**

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**CQ14 - Are derricks, cranes and other lifting equipment properly maintained / marked?**

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**CQ15 - Are the pilot ladders in apparent satisfactory condition, properly marked and certified?**

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**CQ16 - Are the remaining boarding arrangements (e.g., accommodation ladders, gangways etc.) in apparent satisfactory condition and safely rigged.**

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**Additional information / Defect explanation**

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**Survey Questions - All Ship Types - Hygienic Standards & House Keeping - Section D**

**D1 - Are crew galley and pantries clean and tidy? Is fitted equipment in apparent satisfactory condition? Are suitable food handling procedures in place?**

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**D2 - Are provision and cold stores clean, tidy and maintained to correct temperature?**

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**CQ17 - Is the general housekeeping standard satisfactory?**

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**Additional information / Defect explanation**

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## **Survey Questions - All Ship Types - Fire Safety - Section E**

**E1 - Are fire stations in tidy condition and is it evident that the firefighting equipment has been tested in connection with firefighting drills?**

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**E2 - Are emergency escape sets provided?**

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**E3 - Are fire extinguishers and fire hose lockers in apparent satisfactory condition?**

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**E4 - Are fixed fire-extinguishing systems in apparent satisfactory condition with release instructions posted?**

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**E5 - Are combustible and hazardous liquids stored in designated spaces and provided with Material Safety Data sheets?**

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**E6 - Are acetylene and oxygen bottles stored in well ventilated and securely, signed designated places?**

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**CQ18 - Is the fire detection system in apparent satisfactory condition?**

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**CQ19 - Are fire pumps, mains, hydrants, extinguishers in apparent satisfactory condition?**

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**CQ20 - Are there sufficient self-contained breathing apparatus and are they in good condition, sufficiently charged and within test date?**

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**CQ21 - Are main and emergency exits clearly marked and unobstructed?**

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**CQ22 - Is the fire integrity, including fire doors, dampeners, shutters and bulkhead penetrations throughout the vessel in apparent satisfactory condition?**

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**Additional information**

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**Survey Questions - All Ship Types - Life Saving Appliances -  
Section F**

**F1 - Has the manufacturer or their approved representative serviced the on-load release?**

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**F2 - Are signs for safety equipment in place marked with IMO symbols and instructions written in the working language of the vessel?**

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**F3 - Are emergency escape route fluorescent markings fitted and in apparent satisfactory condition?**

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**CQ23 - Are lifeboats, rescue boats and their davits in apparent satisfactory condition including the on-load release mechanism?**

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**CQ24 - Are life rafts and hydrostatic releases properly secured / fitted and in apparently satisfactory condition?**

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**CQ25 - Are life buoys of approved type in various locations and in apparent satisfactory condition?**

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**CQ26 - Are life vests/jackets of approved type, in good conditions and in sufficient in numbers?**

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**CQ27 - Is the medical locker sufficiently stocked, tidy and contents in date?**

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**Additional information**

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**Survey Questions - All Ship Types - Pollution Control - Section G**

**G1 - Is the vessel apparently free from any hull, bulkhead, valve or pipe-line leakage, including hydraulic lines, liable to cause pollution or affect safe operations?**

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**G2 - Is the vessel provided with an approved SOPEP / SMPEP and, if applicable, a VRP?**

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**G3 - Is sufficient oil spill clean-up equipment available as per the SOPEP / SMPEP Manual?**

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**G4 - Is oily water separator in apparent satisfactory condition, instructions posted and 15ppm monitor calibrated? Can vessel staff demonstrate how to display the electronic data history of the OWS if so equipped?**

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**G5 - Is a Garbage Management Plan in place and is the Garbage Record Book up to date?**

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**G6 - Are appropriate procedures in place for switch over to low Sulphur fuel when trading in relevant areas?**

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**G7 - Is there an approved Ballast Management Plan on board and is the Ballast Water Record Book properly completed as appropriate?**

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**CQ28 - Are save-alls and spill containment in apparent satisfactory condition?**

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**CQ29 - Is the oil record book part I properly filled in and up to date and are bunker delivery notes and bunker samples available on board?**

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**CQ30 - Are operations procedures in place for bunkering and oil transfer?**

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**CQ31 - Is there an approved Ballast Management Plan on board and is the Ballast Water Record Book properly completed?**

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**Additional information**

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**Survey Questions - All Ship Types - Bridge, Navigation, Communications & Cyber Awareness - Section H**

**H1 - If fitted, is the Voyage Data Recorder operational?**

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**H2 - If VDR is fitted, is the Master aware of how to save and retrieve data in the event of an incident?**

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**H3 - Are regular checks on VDR operation implemented and recorded to ensure that the complete dataset is being correctly recorded? Date of last check?**

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**H4 - Are Bridge Procedures, Company and master's Standing Orders in place and followed?**

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**H5 - Are navigation lights in apparent satisfactory condition?**

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**H6 - Is emergency communication between bridge-engine room and bridge-steering gear room in apparent satisfactory condition?**

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**H7 - Is external weather routing in use for ocean voyages? (For comment only, not considered a defect if weather routing not used.)**

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**H8 - If applicable, have officers undergone an approved ECDIS training course and type specific familiarisation?**

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**CQ32 - Is bridge navigation and communication equipment in apparent satisfactory condition?**

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**CQ33 - Is there a system in place to correct nautical charts and publications?**

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**CQ34 - Are bridge procedures, company and master's standing orders in place and followed?**

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**CQ35 - If fitted, is the BNWAS in apparent satisfactory condition?**

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**CQ36 - Is passage planning carried out berth to berth?**

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**CQ37 - Is the vessel's condition verified and recorded including trim, list, draft and intact stability prior to sailing?**

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**CQ57 - If applicable, have officers undergone an approved ECDIS training course and type specific familiarisation?**

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**CY1 - Has the vessel implemented a monthly business computer checklist as per the above guidelines?**

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**CY2 - What training has the ship's crew received on effective**

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**cyber risk management?**

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**CY3 - Is access restricted to ship's systems and sensitive data?**

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**CY4 - Is the use of USB / flash drives permitted on board for access to the ship's network?**

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**CY5 - What barriers are in place to prevent the transfer of viruses / malware to critical systems?**

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**CY6 - Does the ship allow remote access to their systems? For example, ECDIS updates or machinery monitoring equipment.**

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**CY7 - Are networks segregated from sensitive ship systems and general communications such as crew wifi / internet access?**

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**CY8 - Are Guidelines on Cyber Security, issued by BIMCO, on board?**

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**CY9 - Has the vessel implemented a monthly business computer checklist as per the above guidelines?**

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**Additional information**

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## Survey Questions - All Ship Types - Hull & Deck - Section I

**I1 - Are hull markings legible?**

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**I2 - Are vents and air / sounding pipes on deck in apparent satisfactory condition with efficient closing devices and clearly marked with the compartment they serve?**

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**I3 - Are deck wiring, piping and cable runs in apparent satisfactory condition?**

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**I4 - Are hatch covers, coamings, stays and connections to deck plating free of cracks / heavy corrosion?**

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**I5 - Are weathertight doors and stores hatches fully operational and in apparent satisfactory condition?**

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**CQ38 - Is the visible condition of the vessel including shell plating and deck plating in satisfactory condition?**

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**CQ39 - If sighted, does the thickness gauging report show the vessel in a good condition?**

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**CQ40 - Are emergency towing arrangements in place and in satisfactory condition?**

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**CQ41 - Are visible sections of anchor cables in satisfactory condition?**

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**CQ42 - Are windlasses, winches & capstans in apparent satisfactory condition?**

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**CQ42a - Are rollers & fairleads in apparent satisfactory condition?**

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**CQ42b - Are bitts and bollards in apparent satisfactory condition?**

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**CQ42c - Are mooring lines & mooring configuration correct?**

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**Additional information**

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**Survey Questions - All Ship Types - Ballast Tanks & Void Spaces - Section J**

**J1 - Are tanks and void spaces inspected apparently free from significant wastage, pitting and scale?**

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**J2 - Is the corrosion protection (coating / anodes) in apparent satisfactory condition?**

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**J3 - Are manhole covers in apparent satisfactory condition?**

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**J4 - Are tanks free from any sign of oil contamination?**

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**J5 - Is pipe-work passing through tanks / void spaces in apparent satisfactory condition?**

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**J6 - Are ballast valves (hydraulic / manual) and actuating systems, if appropriate, in apparent satisfactory condition?**

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**J7 - Is there an approved Ballast Management Plan on board and is the Ballast water record book properly completed?**

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**CQ43 - Is the inspected steel structure of ballast tanks and void spaces free from buckling, fractures, doublers, temporary repairs and poor alignment etc?**

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**Additional information**

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**Survey Questions - All Ship Types - Machinery Spaces -  
Section K**

**K1 - Is main and auxiliary machinery in apparent satisfactory condition and free from significant oil or water leakages and/or temporary drains?**

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**K2 - Is main switchboard protectively located and surrounded by non-conducting mat?**

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**K3 - Is main switchboard earth fault monitoring equipment operational and indicating a satisfactory status?**

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**K4 - Are self-closing devices on engine room sounding pipes fully operational?**

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**K5 - Are exhaust manifolds on machinery free from leaks and shielded with intact insulation?**

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**K6 - Are FO / LO pipes and flanges adequately shielded?**

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**K7 - Are FO / LO purifiers and FO heaters / LO coolers and filters in apparent satisfactory condition?**

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**K8 - Are engine spares properly stored and secured?**

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**K9 - Does there appear to be sufficient spare parts?**

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**K10 - Are ER pipe systems, sea suction and overboard valves free from apparent deterioration, leaks, temporary repairs and cement boxes?**

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**K11 - Are ER gratings in place secured and in a clean and safe condition?**

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**K12 - Is the steering gear free from hydraulic leaks and in apparent satisfactory condition? Are instructions and equipment for emergency steering provided? ne**

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**CQ44 - Are engine compartments including bilges, clean tidy and free from combustible materials?**

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**CQ45 - Are self-closing devices on sight glasses and sounding pipes in fully operational?**

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**CQ46 - Are cargo tank coatings in a satisfactory condition?**

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**CQ47 - Is the structure of the cargo tanks free from significant corrosion, pitting, scaling, buckling, dents, fractures, wastages, doublers and temporary repairs etc**

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**CQ48 - Are cargo holds suitable for the carriage of the**

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**nominated cargoes?**

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**CQ49 - Are cargo hold bilges clean, non-return valves working and bilge pumps in apparent satisfactory condition?**

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**Additional information**

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## **Surveyor's Summary**

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

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**Surveyor's general comments and summary**

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

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## Survey Questions Vessel Specific - Chemical Tanker

### Cargo tanks and systems

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**Chem1 - Are cargo tank coatings in apparent satisfactory condition and free from defects which could impair cargo worthiness?**

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**Chem2 - Is there a compatibility table readily available?**

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**Chem3 - Is the structure in cargo tanks apparently free from significant corrosion, pitting, scaling, buckling, dents, fractures, wastage, doublers, temporary repairs etc?**

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**Chem4 - Is plating under suction bell mouth or sump in apparent satisfactory condition?**

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**Chem5 - Are cargo pumps, ballast pumps and stripping arrangements fully operational, including associated monitoring alarms, instrumentation and controls?**

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**Chem6 - Are deep well pump cofferdams purged as per manufacturer's guidance and are records maintained onboard?**

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**Chem7 - Are cargo pump emergency stops properly located and regularly tested?**

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**Chem9 - Is the condition of pipe work in tanks or passing through in apparent satisfactory condition?**

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**Chem10 - Are deck cargo piping, manifolds and relevant deck equipment suitably marked and in apparent satisfactory condition?**

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**Chem11 - Is the pump room clean and tidy and are bilges free from cargo?**

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**Chem12 - Are pumps and shaft bearings in apparent good condition?**

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**Chem13 - Are pump room fans operational?**

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**Chem14 - Is pump room floor plating satisfactory?**

---

**Chem15 - Are safe pump room procedures identified and complied with?**

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**Chem16 - Are pipelines lagged where required?**

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**Chem17 - Are heating coils in tanks regularly pressure tested**

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and reportedly free of leaks?

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**Chem18 - If a vapor emission return system is fitted, is it in apparent satisfactory condition?**

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**Chem19 - Is the vapor manifold clearly marked?**

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**Chem20 - Are the manifolds fitted with drain lines and purge points and are they valved and capped?**

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**Chem 21 - If appropriate, are fire wires in apparent satisfactory condition and properly rigged?**

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**Chem22 - Has the ship been inspected by OCIMF-Sire and / or CDI recently?**

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**Any additional information**

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## **Inert Gas System**

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**Chem23 - Is the IGS, including instrumentation, alarms, trips, and pressure and oxygen recorder apparently operational and calibration records maintained?**

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**Chem24 - Are fans, scrubbers, deck seals, PV breakers and non-return valves in apparent satisfactory condition? Chem**

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**Chem25 - If fitted, is the nitrogen generator system apparently operating satisfactorily?**

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## **Tank Cleaning System**

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**Chem 26 - Is tank cleaning system in apparent satisfactory condition and fully operational?**

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**Chem27 - Is an approved tank cleaning system manual provided and are tank cleaning plans prepared and adhered to?**

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## **Closing appliances**

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**Chem28 - Are closing devices, associated gaskets and securing arrangements on the freeboard deck in apparent satisfactory condition?**

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**Chem29 - Are vapor locks for closed sampling / ullaging devices calibrated and operational?**

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## **Cargo Control**

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**Chem30 - Are cargo monitoring indicators, controls and panels in apparent satisfactory condition?**

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**Chem31 - Are detailed cargo handling and tank cleaning plans prepared and are operations carried out and logged in accordance with the agreed plan?**

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**Chem32 - Is the tank gauging system, including temperature reading if fitted, operational and cross checked with manual readings?**

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**Chem33 - Are gas detection systems and bilge alarms operational, regularly tested and with results recorded?**

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**Chem34 - If a fixed gas detection and monitoring system is not fitted, are routines in place for regular monitoring with portable instruments?**

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**Chem35 - Are safety guidelines regarding static hazards in place and strictly adhered to?**

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**Chem36 - Is oil discharge monitoring equipment (ODME) fitted and apparently operational?**

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**Chem37 - Is the MARPOL Annex II discharge clearly marked to distinguish it from Annex I?**

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**Chem38 - Are PV valves tested on a regular basis and are all flame screens apparently intact and free from debris?**

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**Chem39 - Are PV settings and alarm set points clearly displayed?**

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**Chem40 - Is liquid level in PV breaker satisfactory and is it suitably protected against cold weather?**

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**Chem41 - Is appropriate cargo specific information including Material Safety Data Sheets available onboard?**

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**Chem42 - Are cargo sampling routines implemented and is the cargo sample locker satisfactory?**

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**Chem43 - Are chemical suits and breathing equipment in apparent satisfactory condition?**

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**Chem44 - Is additional anti-pollution equipment (specific for chemicals carried), as appropriate, available and in apparent satisfactory condition?**

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**Safety and Operational test (were the following tests carried out and found**

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**satisfactory?)**

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**Chem45 - Engine room bilge high level alarms.**

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**Chem46 - Emergency fire pump with two fire hoses on separate hydrants.**

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**Chem47 - Emergency power sources and emergency lighting.**

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**Chem48 - Engine room remote stops and shutdowns.**

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**Chem49 - Relevant cargo high level alarms.**

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**Chem50 - Decontamination showers and eye baths on deck (operational under all ambient weather conditions?)**

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**Additional information**

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## Executive Summary

### Survey summary

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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)

**Shipboard management:**

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**Safety:**

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**Fire safety:**

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**Life saving appliances:**

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**Pollution and environmental awareness:**

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**Navigation:**

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**Apparent structural condition:**

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**Machinery:**

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**Cargo worthiness:**

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**Maintenance and housekeeping:**

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**If the vessel has scored poorly or very poorly, give the reasons why you have scored this and provide evidence**

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## Survey Completion Section

**1. Can you confirm that the scores you have awarded accurately reflect the condition of the vessel?**

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**Explain why the scores do not reflect the condition of the vessel?**

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**2. Have all defects been recorded including any that were rectified at the time of the survey?**

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**Why have they not been recorded?**

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**3. Screenshot the list of defects (failed items) and email a copy to the Master/Owners representative or write down the list of defects for the Master to sign, photograph that and upload it to the Media file.**

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## Media File

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## Signatures

## Signatures

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Master's signature: (For receipt only)

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Surveyor's signature

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**Final Question - Confirm that this report is complete and that you have conducted a peer review within your own survey company (once you click 'Yes' and then press complete below, this will notify North P&I that this survey is complete and automatically send them a notification that the survey report is ready to view). NOW PRESS COMPLETE**

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