



NorthStandard

North-Standard Survey Report - Reefer Vessel

EXAMPLE / EXAMPLE

Incomplete

Score	0 / 0 (0%)	Flagged items	0	Actions	0
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Upload a picture of the vessel

Ship/Vessel Name EXAMPLE

IMO no. EXAMPLE

Member/Group Owner EXAMPLE

Flag State

Vessel/Type

Technical Managers

Time Under Present Management

Current classification / Certifying Authority

Building classification / Certifying Authority

SMS Approved By

Year of build

Country of build

GRT (t)

Last 3 cargoes carried

Date of Survey

Survey Location

Survey Company

Surveyor Name

Surveyor email and contact mobile number (including full international dialing code)

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.

Does the surveyor understand that actions are NOT to be created? (this is a North/Standard 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 of the defects short but informative) The surveyor can also expand on the defect in the notes section

[iAuditor Surveyor Instructions North Standard 2023.PDF](#)

Has the surveyor read and understood the survey instructions?

Hull Structure (All Vessel Types)

CQ40 - If sighted, does the thickness gauging report confirm steel diminution is within class limits?

Hull Fittings (All Vessel Types)

HF1 - Are draft marks / load lines clear and visible?

Any additional comments?

Gangway & Security (All Vessel Types)

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

With Master - Safety Management System (All Vessel Types)

SMS1 - Date of last superintendent's visit?

SMS2 - Date of last external ISM audit? By whom?

SMS3 - Date of last internal ISM audit?

SMS4 - Date of last navigation audit? By whom?

CQ10 - Are emergency drills carried out frequently on board?

SMS5 - Date of last safety meeting and frequency?

SMS6 - Are Near Miss Reports, Accident Reports, Permits to Work and Risk Assessments completed correctly as per Company SMS?

SMS7 - is a muster list available, current and prominently posted in relevant areas?

Any additional comments?

Procedures & Audits (All Vessel Types)

PA1 - Are actions from Superintendents last visit closed out?

PA2 - If there were non-conformities raised during the last internal / external ISM audit, have these been closed out?

**PA3 - Are the master's SMS reviews comprehensive?
Frequency?**

Crew Arrangements (All Vessel Types)

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

CA1 - Are officer certificates / endorsements valid?

CQ7 - Is there an identified common language spoken by crew?

CQ8 - Is random or specific drug / alcohol testing undertaken?

Any additional comments?

Crew Wellbeing (All Vessel Types)

CW1 - Does the member provide any seafarer wellbeing programs to their crew?

CW2 - Does the ship organise onboard social events?

CW3 - Are recreational facilities available on board?

CW4 - Is seafarer wellbeing training carried out?

CW5 - Is there any Anti-bullying / Harassment policy in place?

CW6 - Are all ship staff working within their contract periods?

CW7 - Are crew given access to a good variety of healthy balanced foods?

CW8 - Does the crew have good access to social media, current news and communication to family / friends?

Any additional comments?

Class (All Vessel Types)

C1 - What conditions of Class are imposed (if any)?

CQ2 - Are class and statutory certificates valid?

CQ3 - Does the vessel possess all necessary certification?

Maintenance (All Vessel Types)

M1 - Is PMS class approved?

M2 - Are officers familiar with the PMS?

M3 - Are manufacturer's manuals, service bulletins and spare parts on board?

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

Security (All Vessel Types)

S1 - Are armed guards employed in piracy areas?

S2 - Are piracy prevention measures implemented?

S3 - Are safety / security patrols regularly made?

S4 - Are effective stowaway searches carried out before port departure?

S5 - Does the vessel have the UKHO Admiralty Maritime Security Planning Charts on board?

S6 - Does the vessel have the latest edition of Best Management Practices To Deter Piracy (BMP) on board?

Any additional comments?

Cyber Security (All Vessel Types)

CS1 - Has the Company an Information Technology Strategy including maritime cyber security plan?

CS2 - What training has the ship's crew received on effective cyber risk management?

CS3 - Is access restricted to ship's systems and sensitive data?

CS4 - Has the use of USB / flash drives on board for access to the ship's network been restricted?

CS5 - What barriers are in place to prevent the transfer of viruses / malware to critical systems?

CS6 - Does the ship prevent remote access to their systems?

CS7 - Are automatic ECDIS updates allowed?

CS8 - Are networks segregated from sensitive ship systems and general communications such as crew wifi / internet access?

Bridge & Navigation Equipment (All Vessel Types)

BN1 - Advise the primary means for navigation.

BN2 - Have navigation officers received bridge team management training?

BN3 - Are bridge familiarisation and watch handover checklists used?

BN4 - Is the Master / Pilot exchange recorded and is the pilot card comprehensive?

BN5 - Is the emergency steering procedure known?

BN6 - Do navigators understand squat, settlement and ship-to-ship interaction?

BN7 - Do navigators understand Parametric Rolling?

BN8 - Are OOW's familiar with S-VDR / VDR operation and are instructions posted?

CQ33 - Is bridge navigation and communication equipment in apparent satisfactory condition?

CQ34 - Is there a system in place to correct nautical charts and publications?

CQ35 - Are bridge procedures, company and master's standing orders in place and followed?

CQ36 - If fitted, is the BNWAS in apparent satisfactory condition?

CQ37 - Is passage planning carried out berth to berth?

CQ38 - Is the vessel's condition verified and recorded including trim, list, draft and intact stability prior to sailing?

CQ58 - If applicable, have officers undergone an approved ECDIS training course and type specific familiarisation?

Accommodation & Galley (All Vessel Types)

AG1 - Are external accommodation doors, in good condition, closures working and sealing arrangement intact?

AG2 - Is the Air Conditioning / Heating / Ventilation working satisfactory?

AG3 - Is the accommodation clean, tidy and hygienic with alleyways / stairs free from obstruction?

AG4 - Are galleys food areas, refrigerated stores, dry stores, pantries and mess areas clean, tidy and hygienic?

AG5 - Is the refrigerator lock-in alarm operational?

AG6 - Are emergency escape route fluorescent markings fitted and in apparent satisfactory condition?

AG7 - Are laundries free from electrical and fire hazards?

CQ12 - Is adequate lighting provided throughout the vessel?

CQ17 - Is the general housekeeping standard satisfactory?

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

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

Any additional comments?

Main Deck (All Vessel Types)

MD1 - Are mobile safety guards such as rails, lines and wires etc., provided and in use?

MD2 - Are cable transits and bulkhead penetrations in apparent good order?

MD3 - Are pipe and hatch penetrations free from corrosion at deck connections?

MD4 - Are vent headers, air / sounding pipes access doors in apparent good order and identified for the space they serve?

MD5 - Are hydraulic pipes / connections free from significant leaks?

MD6 - Are weathertight doors and stores hatches fully operational and in apparent satisfactory condition?

CQ13 - Are walkways, stairways, catwalks, ladders, platforms and handrails in apparent satisfactory condition throughout the vessel?

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

CQ39 - Is the visible condition of the vessel including shell plating and deck plating in satisfactory condition?

Any Additional Comments?

Poop & Forecastle (All Vessel Types)

PF1 - If applicable, are fire wires properly rigged and in apparent satisfactory condition?

PF2 - Are the mooring work areas non-slip and marked in accordance with the Code Of Safe Working Practice Guidance?

PF3 - Is the ship safely / properly moored, ropes correctly turned-up on the bitts?

PF4 - Are cable transits and bulkhead penetrations in apparent good order?

PF5 - Are pipe and hatch penetrations free from corrosion at deck connections?

PF6 - Are vent headers, air / sounding pipes access doors in apparent good order and identified for the space they serve?

PF7 - Are hydraulic pipes / connections free from significant leaks?

PF8 - Are weathertight doors and stores hatches fully operational and in apparent satisfactory condition?

CQ41 - Are emergency towing arrangements in place and in satisfactory condition?

CQ42 - Are visible sections of anchor cable in satisfactory condition?

CQ43 - Are windlasses, winches, rollers, fairleads, capstans, bollards, and mooring lines in apparent satisfactory condition?

Any Additional Information?

Fixed Lifting Equipment (All Vessel Types)

FL1 - Do stores and engine room cranes lifting one ton+ have valid certificates?

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

Comment on the condition of the deck pipework and fittings

Ballast System (All Vessel Types)

CQ32 - Is there an approved Ballast Management Plan on board and is the Ballast Water Record Book properly completed?

BS1 - Does the vessel have a Ballast Water Treatment System?

CQ66 - Is the ballast pumping system fully functional and regularly inspected?

Ballast Tanks (All Vessel Types)

BT1 - Is the corrosion protection (coating / anodes) in apparent satisfactory condition?

BT2 - Are manhole covers in apparent satisfactory condition?

BT3 - Are tanks free from any sign of oil contamination?

BT4 - Is the Overall Condition satisfactory?

BT5 - From Class records / inspections are ballast tanks free from significant corrosion?

CQ44 - Is the inspected steel structure of ballast tanks and void spaces free from buckling, fractures, doublers, temporary repairs and poor alignment etc?

Any additional information?

Safe Working (All Vessel Types)

SW1 - Are Oxy-acetylene bottles stored outside in separate spaces and with flash-back arrestors?

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

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

CQ59 - Is relevant personal protective equipment and clothing, appropriate to the vessel type and cargo, provided and in use?

Any additional Information?

Life Saving Appliances (All Vessel Types)

LSA1 - Date(s) boats last lowered to embarkation deck / maneuvered in the water?

LSA2 - Are immersion suits in apparent good order?

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

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

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

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

LSA3 - Are signs for LSA equipment in place marked with IMO symbols.

Any additional Information

Fixed Fire-Fighting Equipment (Date of Tests) (All Vessel Types)

FFFE1 – Are fixed fire fighting systems in apparent satisfactory condition with release instructions posted?

Fire-Fighting Equipment (All Vessel Types)

FFE1 - Is Emergency Fire Pump and Emergency Generator tested regularly and in good working order?

FFE2 - Is the fire main isolation valve suitably marked?

FFE3 - Are fire flaps in apparent good order and identified?

FFE4 - Are fire hose boxes in good order complete with hose, nozzle and spanner?

FFE5 - Are firemen's outfits, EEBD's and portable communication equipment in good order?

FFE6 - Are signs for FFE equipment in place marked with IMO symbols.

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

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

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

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

Any additional Information?

Machinery Spaces (All Vessel Types)

MS1 - Are all purifiers and compressors in full operational condition?

MS2 - Are pipes, valves and coolers in apparent good order?

MS3 - Are shell connections / sea suctions in apparent good order?

MS4 - Are the floor plates secure, ladders safe?

MS5 - Is the switchboard in apparent good order and without Earth faults?

MS6 - Are Insulation mats in good condition?

MS7 - Are stores well stocked and orderly?

MS8 - Are workshops clean, orderly and safe?

MS9 - Are goggles and tool supports provided at drilling, cutting and grinding machines?

MS10 - Is the Chemical Store orderly and secure

MS11 - Are MSDS and PPE available in the Chemical Store?

MS12 - Is the stern seal / oil, in apparent good order?

MS13 - Is the sewage system in apparent good order?

CQ45 - Are engine compartments including bilges, clean, tidy and free from combustible materials?

CQ46 - Are self-closing devices on sight glasses and sounding pipes in fully operational condition?

CQ61 - Is the engine alarm monitoring and control system fully operational and regularly tested?

CQ62 - Is engine condition monitoring regularly undertaken and recorded?

CQ63 - Are engine room safety equipment and alarm monitoring system fully functional and regularly tested? (E.g. emergency generator, quick closing valves, ventilation shutdown and dampers, etc)?

CQ67 - Is the engine room housekeeping standard satisfactory? - (Lagging and insulation, floor plates, machinery

guards, wiring, oil stains, leaks, etc)

Any additional information?

Main Engine(s) / Diesel Generators (All Vessel Types)

E1 - Is the main engine(s) free from damage?

E2 - Are the auxiliary engines free from damage?

E3 - Are hot box and exhaust covers fitted and lagging intact?

E4 - Are bearing and exhaust temperatures satisfactory?

E5 - Are the main and Aux. engines free from oil leakage?

E6 - Are the engines free from excessive vibration?

E7 - Is effective spray protection fitted? (fuel and lub. oil pipes)

Any additional information?

Boilers (All Vessel Types)

BO1 - General appearance / condition, of lagging, inspection doors, valves, watch glasses.

BO2 - Is the Boiler free from water / steam leakage?

Steering Gear Room (All Vessel Types)

SG1 - Is the ventilation adequate?

SG2 - Is the emergency steering procedure posted?

SG3 - Is the Gyro compass repeater aligned with the bridge gyro compass?

SG4 - Is the space clean, orderly and safe?

CQ12 - Is the lighting adequate?

CQ68 - Is steering gear in apparent satisfactory condition and tested?

Any additional information?

Marpol - Waste Management & Control (All Vessel Types)

WM1 - Is the OWS overboard valve marked and locked shut?

WM2 - Are 'discharge of oil prohibited' notice prominently displayed?

WM3 - Does the ship have an operational incinerator?

WM4 - Is there an approved Inventory of Hazardous Materials (IHM) register?

CQ6 - Are there contingencies plans onboard to deal with emergencies and spills, if applicable?

CQ29 - Is Part I of the Oil Record Book properly filled in and up to date?

CQ30 - Are Bunker delivery Notes and bunker samples available on board?

CQ65 - Are OWS and bilge pumping systems functional and inspected regularly? (15 ppm alarm tested, emergency bilge tested?)

Any additional Information?

Bunkering and Fuel Management (All Vessel Types)

BF1 - Is the NOx and Sox Technical File properly filled in and up to date?

BF2 - What fuel is the vessel operating on?

BF3 - Is SOPEP equipment complete and in good order?

BF4 - How does the vessel comply with IMO2020 regulation? Confirm if Compliant Fuel, Open-Loop Scrubber, HYbrid Scrubber or Non-Complaint?

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

CQ31 - Are operations procedures in place for bunkering and oil transfer?

CQ60 - Are appropriate procedures in place for fuel switch over?

CQ64 - Are fuel treatment systems fully operational and maintained? - purifiers, filters, viscotherm, etc.?

Any additional information?

Garbage (All Vessel Types)

G1 - Is there a Garbage Management Plan in place?

G2 - Is the Garbage Record Book completed correctly and up to date?

G3 - Is garbage segregation effective?

G4 - Is there a shipboard policy for single use plastics?

Any additional information?

Sustainability (All Vessel Types)

SU1 - Is there a Ship Energy Efficiency Management Plan (SEEMP) implemented?

Cargo Section (If not applicable, please select N/A) (All Vessel Types)

CQ47 - Are cargo tank coatings in a satisfactory condition?

CQ48 - Is the structure of the cargo tanks free from significant corrosion, pitting, scaling, buckling, dents, fractures, wastages, doublers, and temporary repairs etc?

CQ49 - Are cargo holds suitable for the carriage of the nominated cargoes?

CQ50 - Are cargo hold bilges clean, non-return valves working and bilge pumps in apparent satisfactory condition?

CQ51 - Is overall steel structure of cargo holds apparently free from significant corrosion, pitting, scaling, buckling, dents, fractures, wastage, doubler or temporary repairs?

CQ52 - Is cargo space ventilation in apparent satisfactory condition?

CQ53 - Are hatch covers weather tight?

CQ54 - Is lashing and securing equipment in apparent satisfactory condition and in sufficient numbers in line with the CSM?

CQ55 - Is the refrigeration system in apparent good condition?

CQ56 - Is cargo stowed in accordance with hazardous cargo codes?

CQ57 - Is cargo stowed and secured in accordance with the CSM?

Reefer Vessel (Vessel Specific)

Hatch Cover Section (If recording a defect please details which hatch cover/panel you are referring to)

Hatch Cover Make / Type?

HC1 - Are the hatch cover panels in a satisfactory condition?

HC 2 - Are the hatch coamings in a satisfactory condition?

HC 3 - Is there any signs of pitting?

HC 4 - Are the compression bars in satisfactory condition?

HC 5 - Are the rubber gaskets in a satisfactory condition?

HC 6 - Are the drain channels in a satisfactory condition?

HC 7 - Are the drainage non-return valves in a satisfactory condition?

HC 8 - Are the quick acting cleats hatch cover panels in a satisfactory condition?

HC 9 - Are the landing pads in a satisfactory condition?

HC10 - Are the cargo hold coatings in a satisfactory condition?

HC11 - Is the opening / closing mechanism in satisfactory working order?

HC12 - Is the hatch cover hydraulic system free from oil leaks?

HC13 - Are vent covers and access hatches in a satisfactory condition?

CQ53 - Are hatch covers weathertight?

HC14 - What type of weathertightness test was conducted and what were the results?

DCCH1 - Are bilges regularly sounded and proper logs maintained?

DCCH2 - Are bilges and water leakage alarms routinely function tested and results logged?

DCCH3 - Are manhole covers in apparent satisfactory

condition?

DCCH4 - If fitted, are cell guides in apparent satisfactory structural condition?

CQ50 - Are cargo hold bilges clean, non-return valves working and bilge pumps in apparent satisfactory condition?

CQ 51 - Is overall steel structure of cargo holds apparently free from significant corrosion, pitting, scaling, buckling, dents, fractures, wastage, doubler or temporary repairs?

Cargo General

DCCG1 - Is information on cargo care / hazards provided and understood?

DCCG2 - Is information on cargo stowage & securing provided and understood?

CQ56 - Is cargo stowed in accordance with Hazardous cargo codes?

DCCG3 - Are hazards associated with oxygen depletion and methane understood?

DCCG4 - Are holds adequately cleaned and inspected before loading? By who?

DCCG5 - Do watch officers know safe stowage and securing requirements for current cargo and do they check?

DCCG6 - Is a container verified gross mass certificate provided for each container?

DCCG7 - Are pre-shipment surveys / sampling completed?

DCCG8 - Are reefer plugs / sockets in apparent good order?

CQ55 - Is the refrigeration system in apparent good condition?

DCCG9 - Is there an appropriate system for monitoring reefer containers?

DCCG10 - Does port log have start / stop times, draughts, weather, cargo rates?

DCCG11 - Do officers understand when / how to ventilate cargo during the voyage?

DCCG12 - Do officers check cargo lashings & stowage during

the voyage and is this recorded?

CQ54 - Is lashing and securing equipment in apparent satisfactory condition and in sufficient numbers in line with the CSM?

CQ57 - Is cargo stowed and secured in accordance with the CSM?

DCCG13 - Is the Stability and Stress criteria checked on the ships loading computer for all cargoes carried?

DCFL1 - Advise the number, make, type and SWL of cargo cranes.

DCFL2 - Do cargo cranes have valid certificates? Date last load test.

DCFL3 - Are crane wires, blocks and shackles in apparent good order?

DCFL4 - Are crane cabs, access ladders, safety rails in good order?

DCFL5 - Are hydraulic pipes / connections free from significant leaks?

DCFL6 - Are valid test certificates available for loose lifting equipment?

DCFL7 - Are items of loose lifting equipment marked with a colour code?

DCFL8 - How is damaged loose lifting equipment identified and removed?

DCFL9 - Are crane / derrick safety devices apparently operational and regularly tested?

DCFL10 - Are the holding down bolts and slewing ring apparently free of significant corrosion?

Reefer Supplement

RSCH1 - Are bilges regularly sounded and proper logs maintained?

RSCH2 - Are bilges and water leakage alarms routinely function tested and results logged?

RSCH3 – Are manhole covers in apparent satisfactory condition?

RSCH4 – Are spaces clean and free from mould and taint?

RSCH5 – Are spaces underneath gratings clean and free from debris?

RSCH6 – Is an adequate quantity of cargo hold cleaning chemicals kept onboard?

RSCH7 – Are spar deck planks, hatch gratings and supports in apparent satisfactory condition, level and secure?

RSCH8 – Are sufficient spare gratings, spar deck planks and supports available onboard?

RSCH9 – Are walking boards used during cargo operations?

RSCH10 – Are cargo holds insulation lining and thermal seals in apparent satisfactory condition?

RSCH11 – Are ventilation ducts, gratings and closing devices in satisfactory condition?

RSCH12 – Is the tween deck drainage system clean, dry and in satisfactory condition?

Executive Summary

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)

Shipboard management:

Safety:

Fire safety:

Life saving appliances:

Pollution and environmental awareness:

Navigation:

Apparent structural condition:

Machinery:

Cargo worthiness:

Maintenance and housekeeping:

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.

Do any of the defects present a SERIOUS risk to life or is a SERIOUS defect which will SEVERELY impact normal vessel operations?

Survey Completion Section

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

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

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

Why have they not been recorded?

3. Confirm that a screenshot of the list of the defects (failed items) or a written list of defects have been emailed to the Master/Owners representative?

Media File (Including UST readout)

Please upload any PDF documents relevant to the survey UST reports, certificates etc

Signatures

Master's signature: (For receipt only)

Surveyor's signature

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
