
Part C

Survey Questionnaire

Chemical Tanker

Ship name:

IMO No:

Date survey completed:

Survey port:

Surveyor's name:

Survey company:

Surveyor's ref. number:

Order club:

Club ref. no.:

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5 Chemical Tanker

5.1 Cargo tanks and systems

		Y	N	NA	NI	Remarks
5.1.1	Are cargo tank coatings in satisfactory condition and free from defects which could impair cargoworthiness?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5.1.2	Is there a compatibility table readily available?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5.1.3	Is the structure in cargo tanks apparently free from significant corrosion, pitting, scaling, buckling, dents, fractures, wastage, doublers, temporary repairs etc?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5.1.4	Is plating under suction bell mouth or sump in apparent satisfactory condition?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5.1.5	Are cargo pumps, ballast pumps and stripping arrangements fully operational, including associated monitoring alarms, instrumentation and controls?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5.1.6	Are deep well pump cofferdams purged as per manufacturer's guidance and are records maintained onboard?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5.1.7	Are cargo pump emergency stops properly located and regularly tested?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5.1.8	Is the condition of pipe work in tanks or passing through in apparent satisfactory condition?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5.1.9	Are deck cargo piping, manifolds and relevant deck equipment suitably marked and in apparent satisfactory condition?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

- 5.1.10 Are reducers, removable U-bends and cargo hoses, if carried, in satisfactory condition?
- 5.1.11 Are hoses pressure tested, certificated and in apparent satisfactory condition?
- 5.1.12 Are hoses regularly tested for continuity?
- 5.1.13 Are spill trays and savealls in satisfactory condition and free from cargo?
- 5.1.14 Is the ship provided with portable instruments as required, is span gas available and are records of recent calibration kept?
- 5.1.15 Are the fixed and portable electrical equipment used suitable for use in hazardous areas?
- 5.1.16 Are superstructure and deckhouse doors, windows, air inlet flaps, etc. facing the cargo area in apparent satisfactory condition?
- 5.1.17 Is the pump room clean and tidy and are bilges free from cargo?
- 5.1.18 Are pumps and shaft bearings in apparent good condition?
- 5.1.19 Are pump room fans operational?

- 5.1.20 Is pump room floor plating satisfactory?
- 5.1.21 Are safe pump room procedures identified and complied with?
- 5.1.22 Are pipelines lagged where required?
- 5.1.23 Are heating coils in tanks regularly pressure tested and reportedly free of leaks?
- 5.1.24 If a vapour emission return system is fitted, is it in apparent satisfactory condition?
- 5.1.25 Is the vapour manifold clearly marked?
- 5.1.26 Are the manifolds fitted with drain lines and purge points and are they valved and capped?
- 5.1.27 If appropriate, are fire wires in good condition and properly rigged?
- 5.1.28 Has the ship been inspected by OCIMF-Sire and / or CDI recently?

Additional information

5.2 Inert Gas System

		Y	N	NA	NI	Remarks
5.2.1	Is the IGS, including instrumentation, alarms, trips, and pressure and oxygen recorder apparently operational and calibration records maintained?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5.2.2	Are fans, scrubbers, deck seals, PV breakers and non return valves in apparent satisfactory condition?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5.2.3	If fitted, is the nitrogen generator system apparently operating satisfactorily?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Additional information						

5.3 Tank Cleaning System

		Y	N	NA	NI	Remarks
5.3.1	Is tank cleaning system in apparent satisfactory condition and fully operational?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5.3.2	Is an approved tank cleaning system manual provided and are tank cleaning plans prepared and adhered to?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Additional information						

5.4 Closing appliances

		Y	N	NA	NI	Remarks
5.4.1	Are closing devices, associated gaskets and securing arrangements on the freeboard deck in apparent satisfactory condition?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

5.4.2 Are vapour locks for closed sampling / ullaging devices calibrated and operational?

Additional information

5.5 Cargo Control

Y N NA NI Remarks

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

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

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

5.5.4 Are gas detection systems and bilge alarms operational, regularly tested and with results recorded?

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

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

5.5.7 Is oil discharge monitoring equipment (ODME) fitted and apparently operational?

5.5.8 Is the MARPOL Annex II discharge clearly marked to distinguish it from Annex I?

- 5.5.9 Are PV valves tested on a regular basis and are all flame screens apparently intact and free from debris?
- 5.5.10 Are PV settings and alarm set points clearly displayed?
- 5.5.11 Is liquid level in PV breaker satisfactory and is it suitably protected against cold weather?
- 5.5.12 Is appropriate cargo specific information including Material Safety Data Sheets available onboard?
- 5.5.13 Are cargo sampling routines implemented and is the cargo sample locker satisfactory?
- 5.5.14 Are chemical suits and breathing equipment in satisfactory condition?
- 5.5.15 Is additional anti pollution equipment (specific for chemicals carried), as appropriate, available and in apparent satisfactory condition?

Additional information

5.6 Safety and Operational test (were the following tests carried out and found satisfactory?)

Y N NA NI Remarks

- 5.6.1 Engine room bilge high level alarms.
- 5.6.2 Emergency fire pump with two fire hoses on separate hydrants.

5.6.3 Emergency power sources and emergency lighting.

5.6.4 Engine room remote stops and shutdowns.

5.6.5 Relevant cargo high level alarms.

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

Additional information