



Oil Companies International Marine Forum

Vessel Particulars Questionnaire

HVPQ4

1 Chapter 1

1 GENERAL INFORMATION

1.1	Date this HVPO document completed	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.2	Name of ship	<input type="text"/>			<input type="text" value="n/a"/>
1.3	LR/IMO Number	<input type="text"/>			<input type="text" value="n/a"/>
1.4	Last previous name	<input type="text"/>			<input type="text" value="n/a"/>
1.4.1	Date of name change	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.5	Second last previous name	<input type="text"/>			<input type="text" value="n/a"/>
1.5.1	Date of name change	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.6	Third last previous name	<input type="text"/>			<input type="text" value="n/a"/>
1.6.1	Date of name change	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.7	Fourth last previous name	<input type="text"/>			<input type="text" value="n/a"/>
1.7.1	Date of name change	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.8	Flag	<input type="text"/>			<input type="text" value="n/a"/>
1.9	Port of Registry	<input type="text"/>			<input type="text" value="n/a"/>
1.10	If the flag has been changed, what was previous flag?	<input type="text"/>			<input type="text" value="n/a"/>
1.11	Call sign	<input type="text"/>			<input type="text" value="n/a"/>
1.12	INMARSAT number	<input type="text"/>			<input type="text" value="n/a"/>
1.13	Ship's fax number	<input type="text"/>			<input type="text" value="n/a"/>
1.14	Ship's telex number	<input type="text"/>			<input type="text" value="n/a"/>
1.15	Mobile Phone Number	<input type="text"/>			<input type="text" value="n/a"/>
1.16	Ship's Email address	<input type="text"/>			<input type="text" value="n/a"/>
1.17	Type of ship	<input type="text"/>			<input type="text" value="n/a"/>
1.18	Vessel's MMSI No. (Maritime Mobile Selective Call Identity Code)	<input type="text"/>			<input type="text" value="n/a"/>
1.19	Type of Hull	<input type="text"/>			<input type="text" value="n/a"/>

2 OWNERSHIP AND OPERATION

1.20	Name of the Registered Owner	<input type="text"/>			<input type="text" value="n/a"/>
1.20.1	Full address	<input type="text"/>			<input type="text" value="n/a"/>
1.20.2	Office telephone number	<input type="text"/>			<input type="text" value="n/a"/>
1.20.3	Office telex number	<input type="text"/>			<input type="text" value="n/a"/>

1.20.4	Office fax number	<input type="text"/>	n/a
1.20.5	Office Email address	<input type="text"/>	n/a
1.20.6	Contact person	<input type="text"/>	n/a
1.20.7	Contact person after hours telephone number	<input type="text"/>	n/a
1.21	Number of years this ship has been owned by Registered Owner	<input type="text"/> Years	n/a
1.22	Name of Technical Operator (if different from Registered Owner)	<input type="text"/>	n/a
1.22.1	Full Address	<input type="text"/>	n/a
1.22.2	Office telephone number	<input type="text"/>	n/a
1.22.3	Office telex number	<input type="text"/>	n/a
1.22.4	Office fax number	<input type="text"/>	n/a
1.22.5	Office Email address	<input type="text"/>	n/a
1.22.6	Contact person (Designated Person Ashore)	<input type="text"/>	n/a
1.22.7	Contact person after hours telephone number	<input type="text"/>	n/a
1.22.8	Emergency callout number	<input type="text"/>	n/a
1.22.9	Emergency callout pager number	<input type="text"/>	n/a
1.22.10	Contact details for person responsible for oil spill response	<input type="text"/>	n/a
1.23	Number of years this vessel has been controlled by technical operator	<input type="text"/> Years	n/a
1.24	Total number of ships operated by this Technical Operator	<input type="text"/>	n/a
1.25	Name of Commercial Operator (if different from Registered Owner)	<input type="text"/>	n/a
1.25.1	Full Address	<input type="text"/>	n/a
1.25.2	Office telephone number	<input type="text"/>	n/a
1.25.3	Office telex number	<input type="text"/>	n/a
1.25.4	Office fax number	<input type="text"/>	n/a
1.25.5	Office Email address	<input type="text"/>	n/a
1.25.6	Contact person	<input type="text"/>	n/a
1.25.7	Contact person after hours telephone number	<input type="text"/>	n/a

3 BUILDER

1.26	Builder	<input type="text"/>	n/a
1.27	Date of building contract	<input type="text"/> dd <input type="text"/> mm <input type="text"/> yyyy	n/a
1.28	Hull number	<input type="text"/>	n/a
1.29	Date keel laid	<input type="text"/> dd <input type="text"/> mm <input type="text"/> yyyy	n/a

1.30	Date launched	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.31	Date delivered	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.32	If applicable, date of completion of major hull changes	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.33	List what changes were made.	<input type="text"/>			<input type="text" value="n/a"/>

4 CLASSIFICATION

1.34	Classification society	<input type="text"/>			<input type="text" value="n/a"/>
1.35	Class Notation	<input type="text"/>			<input type="text" value="n/a"/>
1.36	If Classification society changed, name of previous society	<input type="text"/>			<input type="text" value="n/a"/>
1.37	If Classification society changed, date of change	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.38	Date of last dry-dock	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.39	Date of second last dry-dock	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.40	Date next dry-dock due	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.41	Date of last special survey	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.42	Was last special survey an enhanced special survey?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
1.43	Date next special survey due	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.44	If ship has Condition Assessment Programme (CAP) rating, what is the latest rating?	<input type="text"/>			<input type="text" value="n/a"/>
1.45	Date of last annual survey	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.46	Date of last boiler survey - Port boiler	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.47	Date of last boiler survey - Starboard boiler	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
1.48	Is the ship subject to Continuous Machinery Survey?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	

5 DIMENSIONS

1.49	Length overall (LOA)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.50	Length between perpendiculars (LBP)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.51	Extreme breadth	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.52	Moulded breadth	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.53	Moulded depth	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.54	Keel to masthead	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.55	Distance bow to bridge	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.56	Distance bridge front - mid point manifold	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.57	PARALLEL MID-BODY DIAGRAM	<input type="text" value="n/a"/>		
1.57.1	Distance bow to mid-point manifold	<input type="text"/>	Meters	<input type="text" value="n/a"/>

1.57.2	Distance stern to mid-point manifold	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.57.3	Parallel body (light ship)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.57.4	Parallel body, forward to mid-point manifold (light ship)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.57.5	Parallel body, aft to mid-point manifold (light ship)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.57.6	Parallel body (normal ballast)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.57.7	Parallel body, forward to mid-point manifold (normal ballast)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.57.8	Parallel body, aft to mid-point manifold (normal ballast)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.57.9	Parallel body at loaded summer deadweight (SDWT)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.57.10	Parallel body, forward to mid-point manifold at loaded SDWT	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.57.11	Parallel body, aft to mid-point manifold at loaded SDWT	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.58	Does ship have a bulbous bow?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

6 TONNAGES

1.59	Net Registered Tonnage	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.60	Gross Tonnage	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.61	Suez Tonnage	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.61.1	Suez Canal Gross Tonnage (SCGT)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.61.2	Suez Canal Net Tonnage (SCNT)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.62	Panama Tonnage	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>

7 LOADLINE INFORMATION

1.63.1	Summer Freeboard	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.63.2	Summer Draft	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.63.3	Summer Deadweight	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.63.4	Summer Displacement	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.64.1	Winter Freeboard	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.64.2	Winter Draft	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.64.3	Winter Deadweight	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.64.4	Winter Displacement	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.65.1	Tropical Freeboard	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.65.2	Tropical Draft	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.65.3	Tropical Deadweight	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.65.4	Tropical Displacement	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>

1.66.1	Lightship Freeboard	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.66.2	Lightship Draft	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.66.3	Lightship Deadweight	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.66.4	Lightship Displacement	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.67.1	Normal Ballast Condition Freeboard	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.67.2	Normal Ballast Condition Draft	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.67.3	Normal Ballast Condition Deadweight	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.67.4	Normal Ballast Condition Displacement	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.68.1	Segregated Ballast Condition Freeboard	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.68.2	Segregated Ballast Condition Draft	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.68.3	Segregated Ballast Condition Deadweight	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.68.4	Segregated Ballast Condition Displacement	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.69	FWA at Summer Draft (Freeboard)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
1.70	TPC Immersion at Summer Draft (Freeboard)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.71.1	Draught Fore at normal ballast conditions (Freeboard)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.71.2	Draught Aft at normal ballast conditions (Draft)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
1.72	Does ship have Multiple SDWT ?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
1.73	If yes, what is maximum assigned Deadweight?	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
1.74	What is the max. height of mast above waterline (air draft) in normal SBT condition?	<input type="text"/>	Meters	<input type="text" value="n/a"/>

8 RECENT OPERATIONAL HISTORY

1.75	Has the ship traded continuously without requirement for unscheduled repairs since the last dry-dock, except for normal maintenance?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
1.76	If unscheduled repairs have been carried out, what was the nature of the repairs?	<input type="text"/>		<input type="text" value="n/a"/>
1.77	Has ship been involved in a pollution incident during the past 12 months?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
1.78	Has ship been involved in a grounding incident during the past 12 months?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
1.79	Has ship been involved in a collision during the past 12 months?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>

2 Chapter 2

1 CERTIFICATES

2.1	Register Number	<input type="text"/>			<input type="text" value="n/a"/>
2.2.1	Safety Equipment Certificate (Issued)	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
2.2.2	Safety Equipment Certificate (Expires)	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>

2.2.3	Safety Equipment Certificate (Last Annual)	dd	mm	yyyy	n/a
2.3.1	Safety Radio Certificate (Issued)	dd	mm	yyyy	n/a
2.3.2	Safety Radio Certificate (Expires)	dd	mm	yyyy	n/a
2.3.3	Safety Radio Certificate (Last Annual)	dd	mm	yyyy	n/a
2.4.1	Safety Construction Certificate (Issued)	dd	mm	yyyy	n/a
2.4.2	Safety Construction Certificate (Expires)	dd	mm	yyyy	n/a
2.4.3	Safety Construction Certificate (Last Annual)	dd	mm	yyyy	n/a
2.5.1	Loadline Certificate (Issued)	dd	mm	yyyy	n/a
2.5.2	Loadline Certificate (Expires)	dd	mm	yyyy	n/a
2.5.3	Loadline Certificate (Last Annual)	dd	mm	yyyy	n/a
2.6.1	International Oil Pollution Prevention Certificate (IOPPC) (Issued)	dd	mm	yyyy	n/a
2.6.2	International Oil Pollution Prevention Certificate (IOPPC) (Expires)	dd	mm	yyyy	n/a
2.6.3	International Oil Pollution Prevention Certificate (IOPPC) (Last Annual)	dd	mm	yyyy	n/a
2.7	Type of Oil Tanker as specified by IOPPC Crude/Product (If not an oil tanker, specify)				n/a
2.8.1	Safety Management Certificate (Issued) (SMC)	dd	mm	yyyy	n/a
2.8.2	Safety Management Certificate (Expires) (SMC)	dd	mm	yyyy	n/a
2.8.3	Safety Management Certificate (Last Intermediate) (SMC)	dd	mm	yyyy	n/a
2.9.1	Document of Compliance (Issued) (DOC)	dd	mm	yyyy	n/a
2.9.2	Document of Compliance (Expires) (DOC)	dd	mm	yyyy	n/a
2.9.3	Document of Compliance (Endorsed) (DOC)	dd	mm	yyyy	n/a
2.10.1	USCG Letter of Compliance (if applicable) (Issued)	dd	mm	yyyy	n/a
2.10.2	USCG Letter of Compliance (if applicable) (Expires)	dd	mm	yyyy	n/a
2.10.3	USCG Letter of Compliance (if applicable) (Last Annual)	dd	mm	yyyy	n/a
2.11.1	Date of last USCG Tank Vessel Examination Letter (TVEL) (Issued)	dd	mm	yyyy	n/a
2.11.2	Date of last USCG Tank Vessel Examination Letter (TVEL) (Expires)	dd	mm	yyyy	n/a
2.12	Minimum Safe Manning Certificate	dd	mm	yyyy	n/a
2.13	Civil Liability Convention Certificate (1969)	dd	mm	yyyy	n/a
2.14	Civil Liability Convention Certificate (1992)	dd	mm	yyyy	n/a
2.15	U.S. Certificate of Financial Responsibility	dd	mm	yyyy	n/a
2.16	Certificate of Fitness (Chemicals)	dd	mm	yyyy	n/a
2.17	Certificate of Fitness (Gas)	dd	mm	yyyy	n/a
2.18	Noxious Liquids Certificate	dd	mm	yyyy	n/a

2.19	Unattended Machinery Space Certificate (Issued)	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
2.20	International Tonnage Certificate (Issued)	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
2 DOCUMENTS					
2.21	IMO Safety of Life at Sea Convention (SOLAS 74)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.22	IMO International Code of Signals (SOLAS V-Reg 21)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.23	IMO International Convention for the Prevention of Pollution from Ships (MARPOL 73/78)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.24	IMO Ships Routeing	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.25	IMO International Regulations For Preventing Collisions at Sea (COLREGS)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.26	IMO Standards of Training, Certification and Watchkeeping (STCW Convention)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.27	ICS Guide to Helicopter/Ship Operations	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.28	OCIMF/ICS/IAPH International Safety Guide for Oil Tankers and Terminals (ISGOTT)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.29	OCIMF/ICS Clean Seas Guide for Oil Tankers	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.30	OCIMF/ICS Prevention of Oil Spillages Through Cargo Pumproom Sea Valves	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.31	OCIMF/ICS Ship to Ship Transfer Guide (Petroleum)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.32	OCIMF Recommendations for Oil Tanker Manifolds and Associated Equipment	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.33	OCIMF Mooring Equipment Guidelines	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.34	OCIMF Effective Mooring	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.35	USCG Regulations for Tankers (USCG 33 CFR/46 CFR)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.36	Oil Transfer Procedures (USCG 33 CFR 155-156)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.37	Operator's ISM Manuals	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.38	Is the publication IMO-Inert Gas Systems, or Ship Technical Operator's equivalent manual on board?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.39	Is the publication IMO-Cow Systems, or Ship Technical Operator's equivalent manual on board?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.40	ICS Bridge Procedures Guide	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.41	IAMSAR Vol.3	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.42	Nautical Institute Bridge Team Management	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.43	International Medical Guide for Ships(or equivalent)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.44	ISPS Code	<input type="text" value=""/>			<input type="text" value="n/a"/>

3 FOR CHEMICAL TANKERS ONLY

2.45	IMO Code for Construction & Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.46	IMO Index of Dangerous Chemicals Carried in Bulk	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
2.47	ICS Tanker Safety Guide (Chemicals)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	

2.48	IMO Code for Construction & Equipment of Ships Carrying Dangerous Chemicals in Bulk (BCH Code)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
2.49	Chemical Data Guide (USCG 1990 CIM 16616.6A)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
2.50	Medical First Aid Guide for Use in Accidents involving Dangerous goods (MFAG)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
2.51	Procedures and Arrangements (P&A) Manual	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a

4 FOR GAS CARRIERS ONLY

2.52	IMO Code for Construction & Equipment of Ships Carrying Liquefied Gases in Bulk (IGC Code)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
2.53	ICS Tanker Safety Guide (Liquefied Gas)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
2.54	SIGTTO Liquefied Gas Handling Principles on Ships and in Terminals	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
2.55	SIGTTO Guide to Pressure Relief Valve Maintenance and Testing	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
2.56	ICS Ship to Ship Transfer Guide (Liquefied Gases)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
2.57	IMO International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (IGC Code)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
2.58	IMO Code for Existing Ships Carrying Liquefied Gases in Bulk (EGC Code)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a

3 Chapter 3

1 CREW MANAGEMENT

3.1	Minimum manning required (officers)	<input type="text"/>		<input type="checkbox"/> n/a
3.1.1	Actual manning (officers)	<input type="text"/>		<input type="checkbox"/> n/a
3.1.2	List Nationality of Officers	<input type="text"/>		<input type="checkbox"/> n/a
3.1.3	Master employed by (Vessel Operator)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.1.4	Officers employed by (Vessel Operator)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.1.5	Ratings employed by (Vessel Operator)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.1.6	Common language used (Vessel Operator)	<input type="text"/>		<input type="checkbox"/> n/a
3.1.7	Full name of Manning agent 1 (Officers)	<input type="text"/>		<input type="checkbox"/> n/a
3.1.7.1	Full address	<input type="text"/>		<input type="checkbox"/> n/a
3.1.7.2	Office telephone number	<input type="text"/>		<input type="checkbox"/> n/a
3.1.7.3	Office telex number	<input type="text"/>		<input type="checkbox"/> n/a
3.1.7.4	Office fax number	<input type="text"/>		<input type="checkbox"/> n/a
3.1.7.5	Office Email address	<input type="text"/>		<input type="checkbox"/> n/a
3.1.8	Are manning agent(s) wholly or partially owned by Operator?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.1.9	If No, does Operator have selection rights?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.1.10	Does vessel's Operator maintain personnel files on officers assigned to his vessels?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a

3.1.11	Do officers regularly return to Operator's vessels?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.2	Minimum manning required (ratings)	<input type="text"/>		
3.2.1	Actual manning (ratings)	<input type="text"/>		
3.2.2	List Nationality of Ratings	<input type="text"/>		
3.2.3	Master employed by (Manning Agent)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.2.4	Officers employed by (Manning Agent)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.2.5	Ratings employed by (Manning Agent)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.2.6	Common language used (Manning Agent)	<input type="text"/>		
3.2.7	Full name of Manning agent 1 (Ratings)	<input type="text"/>		
3.2.7.1	Full address	<input type="text"/>		
3.2.7.2	Office telephone number	<input type="text"/>		
3.2.7.3	Office telex number	<input type="text"/>		
3.2.7.4	Office fax number	<input type="text"/>		
3.2.7.5	Office Email address	<input type="text"/>		
3.2.8	Does vessel's Operator maintain personnel files on ratings assigned to his vessels?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.2.9	Do ratings regularly return to Operator's vessels?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a

2 CONTINUITY

3.3	Do senior officers return to the same ship on a rotational basis?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.4	Are senior officers rotated on ships of similar class within company fleet?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.5	Are junior officers and ratings rotated on ships of similar class within company fleet?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.6	If senior officers do not return to same ship on a rotational basis, are changes of Master, Chief Officer and Second Engineer organised to avoid a full change of officers at same time?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a

3 TRAINING

3.7	List Operator sponsored training courses available to officers (Bridge Management etc.)	<input type="text"/>		
3.8	List Operator sponsored training courses available to ratings (Fire Fighting etc.)	<input type="text"/>		
3.9	Are Masters and Chief Engineers required to attend company office before and after each tour of duty?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.10	Does operator hold regular training seminars ashore for officers?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.11	Are training seminars provided on board for officers and ratings?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
3.12	What courses, exceeding statutory requirements, are provided for senior officers?	<input type="text"/>		
3.13	What courses, exceeding statutory requirements, are provided for junior officers?	<input type="text"/>		

3.14	What courses, exceeding statutory requirements, are provided for ratings?	<input type="text"/>	n/a
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4 Chapter 4

1 NAVIGATION

4.1.1	Magnetic compass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.1.2	Magnetic compass (Type)	<input type="text"/>	n/a
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4.1.3	Magnetic compass (Number of Units)	<input type="text"/>	n/a
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4.2.1	Gyro compass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.2.2	Gyro compass (Type)	<input type="text"/>	n/a
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4.2.3	Gyro compass (Number of Units)	<input type="text"/>	n/a
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4.3.1	Gyro Autopilot	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.3.2	Gyro Autopilot (Type)	<input type="text"/>	n/a
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4.3.3	Gyro Autopilot (Number of Units)	<input type="text"/>	n/a
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4.4.1.1	Radar 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.4.1.2	Radar (Type)	<input type="text"/>	n/a
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4.4.1.3	Radar 1 (Number of Units)	<input type="text"/>	n/a
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4.4.2.1	Radar 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.4.2.2	Radar (Type)	<input type="text"/>	n/a
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4.4.2.3	Radar 2 (Number of Units)	<input type="text"/>	n/a
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4.4.3	Are radars gyro stabilised?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.5	Is there at least one radar operating in the 9 GHz frequency band (3cm/x band)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.6	Are the 3 GHz (10cm/S band) and 9Ghz (3cm / X band) radars fitted with an electronic switching unit?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.7.1	Radar plotting equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.7.2	Radar plotting equipment (Type)	<input type="text"/>	n/a
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4.7.3	Radar plotting equipment (Number of Units)	<input type="text"/>	n/a
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4.8.1	Are the Radars fitted with ARPA?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.8.2	Type of ARPA	<input type="text"/>	n/a
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4.8.3	Number of ARPA Units installed	<input type="text"/>	n/a
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4.9.1	Depth sounder with recorder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.9.2	Depth sounder with recorder (Type)	<input type="text"/>	n/a
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4.9.3	Depth sounder with recorder (Number of Units)	<input type="text"/>	n/a
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4.10.1	Speed/distance indicator	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
4.10.2	Speed/distance indicator (Type)	<input type="text"/>		<input type="checkbox"/> n/a
4.10.3	Speed/distance indicator (Number of Units)	<input type="text"/>		<input type="checkbox"/> n/a
4.11.1	Doppler log	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
4.11.2	Doppler log (Type)	<input type="text"/>		<input type="checkbox"/> n/a
4.11.3	Doppler log (Number of Units)	<input type="text"/>		<input type="checkbox"/> n/a
4.12.1	Docking approach doppler	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
4.12.2	Docking approach doppler (Type)	<input type="text"/>		<input type="checkbox"/> n/a
4.12.3	Docking approach doppler (Number of Units)	<input type="text"/>		<input type="checkbox"/> n/a
4.13.1	Rudder angle indicator	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
4.13.2	Rudder angle indicator (Type)	<input type="text"/>		<input type="checkbox"/> n/a
4.13.3	Rudder angle indicator (Number of Units)	<input type="text"/>		<input type="checkbox"/> n/a
4.14.1	RPM indicator	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
4.14.2	RPM indicator (Type)	<input type="text"/>		<input type="checkbox"/> n/a
4.14.3	RPM indicator (Number of Units)	<input type="text"/>		<input type="checkbox"/> n/a
4.15.1	Controllable pitch propeller indicator	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
4.15.2	Controllable pitch propeller indicator (Type)	<input type="text"/>		<input type="checkbox"/> n/a
4.15.3	Controllable pitch propeller indicator (Number of Units)	<input type="text"/>		<input type="checkbox"/> n/a
4.16.1	Bow thruster indicator	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
4.16.2	Bow thruster indicator (Type)	<input type="text"/>		<input type="checkbox"/> n/a
4.16.3	Bow thruster indicator (Number of Units)	<input type="text"/>		<input type="checkbox"/> n/a
4.17.1	Stern Thrust indicator	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
4.17.2	Stern Thrust indicator (Type)	<input type="text"/>		<input type="checkbox"/> n/a
4.17.3	Stern Thrust indicator (Number of Units)	<input type="text"/>		<input type="checkbox"/> n/a
4.18.1	Rate of turn indicator	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
4.18.2	Rate of turn indicator (Type)	<input type="text"/>		<input type="checkbox"/> n/a
4.18.3	Rate of turn indicator (Number of Units)	<input type="text"/>		<input type="checkbox"/> n/a
4.19.1	Radio direction finder	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
4.19.2	Radio direction finder (Type)	<input type="text"/>		<input type="checkbox"/> n/a
4.19.3	Radio direction finder (Number of Units)	<input type="text"/>		<input type="checkbox"/> n/a
4.20.1	Navtex receiver	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
4.20.2	Navtex receiver (Type)	<input type="text"/>		<input type="checkbox"/> n/a

4.20.3	Navtex receiver (Number of Units)	<input type="text"/>		<input type="text" value="n/a"/>
4.21.1	Satellite navigation receiver		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
4.21.2	Satellite navigation receiver (Type)	<input type="text"/>		<input type="text" value="n/a"/>
4.21.3	Satellite navigation receiver (Number of Units)	<input type="text"/>		<input type="text" value="n/a"/>
4.22.1	Is the ship fitted with GPS?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
4.22.2	Type of GPS installed?	<input type="text"/>		<input type="text" value="n/a"/>
4.22.3	Number of GPS units installed?	<input type="text"/>		<input type="text" value="n/a"/>
4.23.1	Is the ship fitted with Differential GPS?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
4.23.2	Type of Differential GPS installed?	<input type="text"/>		<input type="text" value="n/a"/>
4.23.3	Number of Differential GPS units installed?	<input type="text"/>		<input type="text" value="n/a"/>
4.24.1	Is there an Electronic Chart Display?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
4.24.2	Is there an Electronic Chart Display? (Type)	<input type="text"/>		<input type="text" value="n/a"/>
4.24.3	Is there an Electronic Chart Display? (Number of Units)	<input type="text"/>		<input type="text" value="n/a"/>
4.25	Is the Electronic Chart Display incorporated into an approved ECDIS ?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
4.26.1	Integrated Navigation System (INS)		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
4.26.2	Integrated Navigation System (INS) (Type)	<input type="text"/>		<input type="text" value="n/a"/>
4.26.3	Integrated Navigation System (INS) (Number of Units)	<input type="text"/>		<input type="text" value="n/a"/>
4.27.1	Decca navigator		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
4.27.2	Decca navigator (Type)	<input type="text"/>		<input type="text" value="n/a"/>
4.27.3	Decca navigator (Number of Units)	<input type="text"/>		<input type="text" value="n/a"/>
4.28.1	Omega receiver		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
4.28.2	Omega receiver (Type)	<input type="text"/>		<input type="text" value="n/a"/>
4.28.3	Omega receiver (Number of Units)	<input type="text"/>		<input type="text" value="n/a"/>
4.29.1	Loran C receiver		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
4.29.2	Loran C receiver (Type)	<input type="text"/>		<input type="text" value="n/a"/>
4.29.3	Loran C receiver (Number of Units)	<input type="text"/>		<input type="text" value="n/a"/>
4.30.1	Course recorder		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
4.30.2	Course recorder (Type)	<input type="text"/>		<input type="text" value="n/a"/>
4.30.3	Course recorder (Number of Units)	<input type="text"/>		<input type="text" value="n/a"/>
4.31.1.1	Off - course alarm - gyro		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
4.31.1.2	Off - course alarm - gyro (Type)	<input type="text"/>		<input type="text" value="n/a"/>
4.31.1.3	Off - course alarm - gyro (Number of Units)	<input type="text"/>		<input type="text" value="n/a"/>

4.31.2.1	Off - course alarm - magnetic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.31.2.2	Off - course alarm - magnetic (Type)	<input type="text"/>		
4.31.2.3	Off - course alarm - magnetic (Number of Units)	<input type="text"/>		
4.32.1	Engine order printer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.32.2	Engine order printer (Type)	<input type="text"/>		
4.32.3	Engine order printer (Number of Units)	<input type="text"/>		
4.33.1	Anemometer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.33.2	Anemometer (Type)	<input type="text"/>		
4.33.3	Anemometer (Number of Units)	<input type="text"/>		
4.34.1	Weather fax	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.34.2	Weather fax (Type)	<input type="text"/>		
4.34.3	Weather fax (Number of Units)	<input type="text"/>		
4.35	Does ship carry sextant(s)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.36	Does ship carry a signal lamp?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.37	Is each bridge wing fitted with a rudder angle indicator?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.38.1	Is each bridge wing fitted with a RPM indicator?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.38.2	Is each bridge wing fitted with a gyro repeater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.39	If the ship is fitted with a controllable pitch propeller, are indicators fitted on the bridge wings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.40	Are steering motor controls and engine controls fitted on bridge wings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.41	Is bridge equipped with a 'Dead-Man' alarm or equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5 Chapter 5

1 SAFETY MANAGEMENT

5.1	Is the vessel operated under a Quality Management System?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.1.1	If Yes, what type of system? (ISO9002 or IMO Resolution A.741(18))?	<input type="text"/>		
5.1.2	If Yes, who is the certifying body?	<input type="text"/>		
5.1.3	Date of vessel certification	<input type="text"/>	<input type="text"/>	<input type="text"/>

2 HELICOPTERS

5.2	Can the ship comply with the ICS Helicopter Guidelines?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.2.1	If Yes, state whether winching or landing area provided	<input type="text"/>		
5.2.2	What is diameter of circle provided?	<input type="text"/>	Meters	<input type="checkbox"/>

3 FIRE FIGHTING EQUIPMENT & LIFE SAVING EQUIPMENT

5.3	Is a fixed foam firefighting system installed for the cargo area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.4	Type of foam on board	<input type="text"/>		
5.5	Date of foam supply or last analysis certificate	<input type="text"/>	<input type="text"/>	<input type="text"/>
5.6	What fixed fire fighting system is provided for the paint locker?	<input type="text"/>		
5.7	What type of fire fighting system is fitted in pumproom(s)?	<input type="text"/>		
5.8	What type of fire fighting system is fitted in engine room (s)?	<input type="text"/>		
5.9	What type of fire fighting system is fitted in void spaces (s)?	<input type="text"/>		
5.10	Is a fixed dry powder firefighting system installed for the cargo area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.11	Is a fixed water spray firefighting system installed for the cargo area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.12	Is vessel equipped with recharging compressor for breathing apparatus?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.13	What type of lifeboat is fitted?	<input type="text"/>		
5.14	Is a dedicated rescue boat carried?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.15	The type of rescue boat is: Rigid/inflated/ rigid-inflated	<input type="text"/>		

6 Chapter 6

1 POLLUTION PREVENTION

6.1	Is ship fitted with a continuous deck edge fishplate enclosing the deck area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.1.1	If Yes, what is its minimum vertical height above the deck plating?	<input type="text"/>	Millimeters	<input type="checkbox"/>
6.1.2	What is maximum vertical height above deck plating at aft thwartships coaming?	<input type="text"/>	Millimeters	<input type="checkbox"/>
6.1.3	How far forward is this height maintained?	<input type="text"/>	Meters	<input type="checkbox"/>
6.2	Is an athwartship deck coaming fitted adjacent to accommodation and service areas?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.3	What is the height of the coaming?	<input type="text"/>	Millimeters	<input type="checkbox"/>
6.4	Is spill containment fitted under the cargo manifold?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.5	Is spill containment fitted under all bunker manifolds?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.6	Is containment fitted under the bunker tank vents?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.7	Is containment fitted around the deck machinery?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.8	Specify type of scupper plugs	<input type="text"/>		
6.9	Are means provided for draining or removing oil from deck area /containment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.10.1	Sorbents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.10.2	Non-sparking hand scoops/shovels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.10.3	Containers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6.10.4	Emulsifiers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.10.5	Non-sparking pumps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.11	Is the cargo piping system fully segregated from the sea chest?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.12	What type of sea valves that are fitted.	<input type="text"/>		
6.13	If the ship is a pre-MARPOL tanker, is a cargo sea chest valve testing arrangement fitted which meets OCIMF recommendations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.14	Are dump valves fitted to slop tanks which can be left open with inert gas pressure on the tanks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.15	Are overboard discharges fitted with blanks or alternatively, is there a testing arrangement for the overboard valves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.16	Is there a discharge below the waterline for Annex II substances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.17	Is there a discharge above the waterline for Annex I oily mixtures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.18	Does Operator have policy to pressure test cargo piping at intervals no greater than 12 months?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.18.1	If Yes, specify pressure	<input type="text"/>	Bar	<input type="checkbox"/>
6.19	Is garbage incinerator fitted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2 OPA 90 REQUIREMENTS

6.20	Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coast Guard which has been approved by official USCG letter?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.21	Has a Geographic Specific Appendix been filed with the Captain of the Port for each Port Zone the vessel expects to enter or transit?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.22	Has the vessel Operator deposited a letter with the US Coast Guard confirming that the Operator has signed a service contract with an oil spill removal organisation for responding to a 'worst case scenario'?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Chapter 7

1 STRUCTURAL CONDITION

7.1	Are cargo tanks coated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.1.1	If Yes, specify type of coating	<input type="text"/>		
7.1.2	If partially coated, specify which tanks are coated	<input type="text"/>		
7.1.3	If cargo tanks are coated, specify to what extent	<input type="text"/>		
7.2	What is the condition of coating as determined by the criteria listed below?	<input type="text"/>		
7.3	Are ballast tanks coated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.3.1	If ballast tanks are coated, specify type of coating	<input type="text"/>		
7.3.2	If ballast tanks are coated, specify to what extent	<input type="text"/>		
7.3.3	What is the condition of cargo/ballast tank coating?	<input type="text"/>		
7.4	Are there anodes in the cargo tanks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.5	Are there anodes in the ballast tanks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7.6	What type of anodes are used?	<input type="text"/>		<input type="text" value="n/a"/>
7.7	What percentage of anodes have wasted?	<input type="text"/>	Percent	<input type="text" value="n/a"/>
7.8	If anodes are aluminium, what is the height above tank bottom?	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
7.9	Is a formal programme in place for regular inspection of void spaces, cargo and ballast tanks?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
7.10	Does ship have planned prevention maintenance programme (PPM)?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
7.10.1	Is PPM manual (card system) or computerised?	<input type="text"/>		<input type="text" value="n/a"/>
7.10.2	What areas of vessel does PPM cover?	<input type="text"/>		<input type="text" value="n/a"/>
7.10.3	Is PPM Class approved?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

8 Chapter 8

1 CARGO AND BALLAST HANDLING

8.1	Tank Plan	<input type="text"/>		<input type="text" value="n/a"/>
8.1.1	Tank Plan Diagram			<input type="text" value="n/a"/>

2 DOUBLE HULL VESSELS

8.2	Is vessel fitted with centreline bulkhead in all cargo tanks?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.2.1	If Yes, is bulkhead solid or perforated?	<input type="text"/>		<input type="text" value="n/a"/>
8.2.2	Is vessel fitted with any full breadth ballast tanks?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.2.3	If Yes, how many ballast tanks are full breadth?	<input type="text"/>		<input type="text" value="n/a"/>
8.2.4	Does vessel meet the IMO definition of 'double hull'?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

3 CARGO TANK CAPACITIES

8.3	Cargo Tank Capacities At 98% Full (M3)			<input type="text" value="n/a"/>
8.3.1	Centre Tank Number 1 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.2	Centre Tank Number 2 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.3	Centre Tank Number 3 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.4	Centre Tank Number 4 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.5	Centre Tank Number 5 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.6	Centre Tank Number 6 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.7	Centre Tank Number 7 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.8	Centre Tank Number 8 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.9	Centre Tank Number 9 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.10	Centre Tank Number 10 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>

8.3.11	Centre Tank Number 11 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.12	Centre Tank Number 12 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.13	Centre Tank Number 13 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.14	Centre Tank Number 14 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.15	Centre Tank Number 15 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.16	Wings (P & S combined) Number 1 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.17	Wings (P & S combined) Number 2 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.18	Wings (P & S combined) Number 3 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.19	Wings (P & S combined) Number 4 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.20	Wings (P & S combined) Number 5 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.21	Wings (P & S combined) Number 6 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.22	Wings (P & S combined) Number 7 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.23	Wings (P & S combined) Number 8 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.24	Wings (P & S combined) Number 9 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.25	Wings (P & S combined) Number 10 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.26	Wings (P & S combined) Number 11 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.27	Wings (P & S combined) Number 12 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.28	Wings (P & S combined) Number 13 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.29	Wings (P & S combined) Number 14 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.3.30	Wings (P & S combined) Number 15 Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.4	Centre Tank Total Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.5	Slops 1st Tank Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.5.1	Slops 2nd Tank Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.6	Wings (P & S combined) Total Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.7	Slops 3rd tank Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.7.1	Slops 4th tank Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.8	Centre Tank Total Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.9	Wings (P & S combined) Total Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.10	Grand Total Capacity (98%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>

4 BALLAST TANK CAPACITIES

8.11	Ballast Capacities At 100% Full (M3)			<input type="text" value="n/a"/>
8.11.1.1	Tank Number 1 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>

8.11.1.2	Tank Number 1 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.2.1	Tank Number 2 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.11.2.2	Tank Number 2 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.3.1	Tank Number 3 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.11.3.2	Tank Number 3 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.4.1	Tank Number 4 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.11.4.2	Tank Number 4 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.5.1	Tank Number 5 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.11.5.2	Tank Number 5 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.6.1	Tank Number 6 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.11.6.2	Tank Number 6 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.7.1	Tank Number 7 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.11.7.2	Tank Number 7 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.8.1	Tank Number 8 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.11.8.2	Tank Number 8 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.9.1	Tank Number 9 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.11.9.2	Tank Number 9 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.10.1	Tank Number 10 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.11.10.2	Tank Number 10 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.11.1	Tank Number 11 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.11.11.2	Tank Number 11 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.12.1	Tank Number 12 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.11.12.2	Tank Number 12 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.13.1	Tank Number 13 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.11.13.2	Tank Number 13 (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
8.11.14	Total Ballast Tank Capacities at 100% full	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>

5 BALLAST HANDLING

8.12	Ballast Handling			<input type="text" value="n/a"/>
8.12.1	If vessel is a Pre-MARPOL tanker, indicate by tank number, tanks usually designated for departure ballast.	<input type="text"/>		<input type="text" value="n/a"/>
8.12.1.1	Tank Location	<input type="text"/>		<input type="text" value="n/a"/>
8.12.2	If vessel is a Pre-MARPOL tanker, indicate by tank number, tanks usually designated for arrival ballast.	<input type="text"/>		<input type="text" value="n/a"/>

8.12.2.1	Tank Location	<input type="text"/>	n/a
8.12.3	Can vessel handle cargo and non-segregated ballast concurrently maintaining two valve segregation?	<input type="text"/>	n/a
8.12.4	Can dirty ballast be safely loaded with gas transfer method? (simultaneous cargo discharge and loading of ballast into empty tanks)	<input type="text"/>	n/a

6 IF VESSEL IS CBT TANKER WITH MANUAL

8.13	If the vessel is a CBT Tanker with Approved Manual:		n/a
8.13.1	Which cargo tanks are indicated as CBT in the IOPP Certificate?	<input type="text"/>	n/a
8.13.2	What is total capacity of CBT tanks?	<input type="text"/> Cu Meters	n/a
8.13.3	Is the piping for CBT common with cargo piping or independent?	<input type="text"/>	n/a

7 IF VESSEL IS SBT TANKER

8.14	If Vessel is SBT Tanker:		n/a
8.14.1	What is total capacity of SBT?	<input type="text"/> Cu Meters	n/a
8.14.2	What percentage of summer deadweight can vessel maintain with SBT only?	<input type="text"/> Percent	n/a
8.14.3	Does vessel meet the requirements of MARPOL Reg 13 (2)?	<input type="button" value="yes"/> <input type="button" value="no"/>	n/a
8.14.4	Can segregated ballast be discharged through vessel's manifold?	<input type="button" value="yes"/> <input type="button" value="no"/>	n/a
8.14.5	Is vessel equipped with spool piece designed to connect ballast system to cargo system?	<input type="button" value="yes"/> <input type="button" value="no"/>	n/a
8.14.6	Do cargo lines pass through any dedicated or segregated ballast tanks?	<input type="button" value="yes"/> <input type="button" value="no"/>	n/a
8.14.7	If Yes, what type of expansion is fitted?	<input type="text"/>	n/a
8.14.8	Do ballast lines pass through any cargo tanks?	<input type="button" value="yes"/> <input type="button" value="no"/>	n/a
8.14.9	If Yes, what type of expansion is fitted?	<input type="text"/>	n/a
8.14.10	Can vessel pump water ashore for line clearing?	<input type="button" value="yes"/> <input type="button" value="no"/>	n/a
8.14.11	If Yes, what is maximum attainable discharge rate?	<input type="text"/> Cu Meter/Hour	n/a
8.14.12	If Yes, what is maximum acceptable back pressure?	<input type="text"/> Bar	n/a
8.14.13	Which cargo tanks are designated for heavy weather ballast as per IMO?	<input type="text"/>	n/a
8.14.13.1	Tank Location	<input type="text"/>	n/a

8 CARGO HANDLING

8.15	How many grades/products can vessel load/discharge with double valve segregation?	<input type="text"/>	n/a
8.15.1	How many grades can vessel load/discharge using blank flanges?	<input type="text"/>	n/a
8.15.2	If vessel is fitted with deepwell pumps and heat exchangers, can pumps and heat exchangers be by-passed during loading?	<input type="button" value="yes"/> <input type="button" value="no"/>	n/a
8.15.3	Is there Oil Discharge Monitoring Equipment (ODME) fitted?	<input type="button" value="yes"/> <input type="button" value="no"/>	n/a

8.15.4	Is an Oil Discharge Monitoring System connected to the above waterline discharge?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
8.15.5	If yes, is the Oil Discharge Monitoring System designed to automatically stop the discharge of effluent when its oil content exceeds permitted levels?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
8.16	Is vessel equipped with class approved or certified stability computer?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
8.16.1	Does this stability programme consider damaged stability conditions?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
8.17	Is computer integrated with cargo system and equipped with alarm to monitor loading and discharging operations?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a

9 CARGO AND BALLAST PUMPING SYSTEMS

8.18.1	Main Pump Number 1 (Identity)	<input type="text"/>			<input type="checkbox"/> n/a
8.18.2	Main Pump Number 1 (Number)	<input type="text"/>			<input type="checkbox"/> n/a
8.18.3	Main Pump Number 1 (Type)	<input type="text"/>			<input type="checkbox"/> n/a
8.18.4	Main Pump Number 1 (Type of Prime Mover)	<input type="text"/>			<input type="checkbox"/> n/a
8.18.5	Main Pump Number 1 (Self Priming or Draining)	<input type="text"/>			<input type="checkbox"/> n/a
8.18.6	Main Pump Number 1 (Capacity)	<input type="text"/>	Cu Meter/Hour	<input type="checkbox"/> n/a	
8.18.7	Main Pump Number 1 (Normal Back Pressure)	<input type="text"/>	Bar	<input type="checkbox"/> n/a	
8.18.8	Main Pump Number 1 (At what Head?)	<input type="text"/>	Meters	<input type="checkbox"/> n/a	
8.18.9	Main Pump Number 1 (Max RPM)	<input type="text"/>	RPM	<input type="checkbox"/> n/a	
8.19.1	Main Pump Number 2 (Identity)	<input type="text"/>			<input type="checkbox"/> n/a
8.19.2	Main Pump Number 2 (Number)	<input type="text"/>			<input type="checkbox"/> n/a
8.19.3	Main Pump Number 2 (Type)	<input type="text"/>			<input type="checkbox"/> n/a
8.19.4	Main Pump Number 2 (Type of Prime Mover)	<input type="text"/>			<input type="checkbox"/> n/a
8.19.5	Main Pump Number 2 (Self Priming or Draining)	<input type="text"/>			<input type="checkbox"/> n/a
8.19.6	Main Pump Number 2 (Capacity)	<input type="text"/>	Cu Meter/Hour	<input type="checkbox"/> n/a	
8.19.7	Main Pump Number 2 (Normal Back Pressure)	<input type="text"/>	Bar	<input type="checkbox"/> n/a	
8.19.8	Main Pump Number 2 (At what Head?)	<input type="text"/>	Meters	<input type="checkbox"/> n/a	
8.19.9	Main Pump Number 2 (Max RPM)	<input type="text"/>	RPM	<input type="checkbox"/> n/a	
8.20.1	Main Pump Number 3 (Identity)	<input type="text"/>			<input type="checkbox"/> n/a
8.20.2	Main Pump Number 3 (Number)	<input type="text"/>			<input type="checkbox"/> n/a
8.20.3	Main Pump Number 3 (Type)	<input type="text"/>			<input type="checkbox"/> n/a
8.20.4	Main Pump Number 3 (Type of Prime Mover)	<input type="text"/>			<input type="checkbox"/> n/a
8.20.5	Main Pump Number 3 (Self Priming or Draining)	<input type="text"/>			<input type="checkbox"/> n/a
8.20.6	Main Pump Number 3 (Capacity)	<input type="text"/>	Cu Meter/Hour	<input type="checkbox"/> n/a	
8.20.7	Main Pump Number 3 (Normal Back Pressure)	<input type="text"/>	Bar	<input type="checkbox"/> n/a	

8.20.8	Main Pump Number 3 (At what Head?)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
8.20.9	Main Pump Number 3 (Max RPM)	<input type="text"/>	RPM	<input type="text" value="n/a"/>
8.21.1	Main Pump Number 4 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.21.2	Main Pump Number 4 (Number)	<input type="text"/>		<input type="text" value="n/a"/>
8.21.3	Main Pump Number 4 (Type)	<input type="text"/>		<input type="text" value="n/a"/>
8.21.4	Main Pump Number 4 (Type of Prime Mover)	<input type="text"/>		<input type="text" value="n/a"/>
8.21.5	Main Pump Number 4 (Self Priming or Draining)	<input type="text"/>		<input type="text" value="n/a"/>
8.21.6	Main Pump Number 4 (Capacity)	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
8.21.7	Main Pump Number 4 (Normal Back Pressure)	<input type="text"/>	Bar	<input type="text" value="n/a"/>
8.21.8	Main Pump Number 4 (At what Head?)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
8.21.9	Main Pump Number 4 (Max RPM)	<input type="text"/>	RPM	<input type="text" value="n/a"/>
8.22.1	Main Pump Number 5 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.22.2	Main Pump Number 5 (Number)	<input type="text"/>		<input type="text" value="n/a"/>
8.22.3	Main Pump Number 5 (Type)	<input type="text"/>		<input type="text" value="n/a"/>
8.22.4	Main Pump Number 5 (Type of Prime Mover)	<input type="text"/>		<input type="text" value="n/a"/>
8.22.5	Main Pump Number 5 (Self Priming or Draining)	<input type="text"/>		<input type="text" value="n/a"/>
8.22.6	Main Pump Number 5 (Capacity)	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
8.22.7	Main Pump Number 5 (Normal Back Pressure)	<input type="text"/>	Bar	<input type="text" value="n/a"/>
8.22.8	Main Pump Number 5 (At what Head?)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
8.22.9	Main Pump Number 5 (Max RPM)	<input type="text"/>	RPM	<input type="text" value="n/a"/>
8.23.1	Main Pump Number 6 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.23.2	Main Pump Number 6 (Number)	<input type="text"/>		<input type="text" value="n/a"/>
8.23.3	Main Pump Number 6 (Type)	<input type="text"/>		<input type="text" value="n/a"/>
8.23.4	Main Pump Number 6 (Type of Prime Mover)	<input type="text"/>		<input type="text" value="n/a"/>
8.23.5	Main Pump Number 6 (Self Priming or Draining)	<input type="text"/>		<input type="text" value="n/a"/>
8.23.6	Main Pump Number 6 (Capacity)	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
8.23.7	Main Pump Number 6 (Normal Back Pressure)	<input type="text"/>	Bar	<input type="text" value="n/a"/>
8.23.8	Main Pump Number 6 (At what Head?)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
8.23.9	Main Pump Number 6 (Max RPM)	<input type="text"/>	RPM	<input type="text" value="n/a"/>
8.24.1	Main Pump Number 7 (Identity)	<input type="text"/>		<input type="text" value="n/a"/>
8.24.2	Main Pump Number 7 (Number)	<input type="text"/>		<input type="text" value="n/a"/>
8.24.3	Main Pump Number 7 (Type)	<input type="text"/>		<input type="text" value="n/a"/>

8.24.4	Main Pump Number 7 (Type of Prime Mover)	<input type="text"/>	n/a
8.24.5	Main Pump Number 7 (Self Priming or Draining)	<input type="text"/>	n/a
8.24.6	Main Pump Number 7 (Capacity)	<input type="text"/>	Cu Meter/Hour n/a
8.24.7	Main Pump Number 7 (Normal Back Pressure)	<input type="text"/>	Bar n/a
8.24.8	Main Pump Number 7 (At what Head?)	<input type="text"/>	Meters n/a
8.24.9	Main Pump Number 7 (Max RPM)	<input type="text"/>	RPM n/a
8.25.1	Main Pump Number 8 (Identity)	<input type="text"/>	n/a
8.25.2	Main Pump Number 8 (Number)	<input type="text"/>	n/a
8.25.3	Main Pump Number 8 (Type)	<input type="text"/>	n/a
8.25.4	Main Pump Number 8 (Type of Prime Mover)	<input type="text"/>	n/a
8.25.5	Main Pump Number 8 (Self Priming or Draining)	<input type="text"/>	n/a
8.25.6	Main Pump Number 8 (Capacity)	<input type="text"/>	Cu Meter/Hour n/a
8.25.7	Main Pump Number 8 (Normal Back Pressure)	<input type="text"/>	Bar n/a
8.25.8	Main Pump Number 8 (At what Head?)	<input type="text"/>	Meters n/a
8.25.9	Main Pump Number 8 (Max RPM)	<input type="text"/>	RPM n/a
8.26.1	Booster Pumps (Number)	<input type="text"/>	n/a
8.26.2	Booster Pumps (Type)	<input type="text"/>	n/a
8.26.3	Booster Pumps (Type of Prime mover)	<input type="text"/>	n/a
8.26.4	Booster Pumps (Capacity) (water)	<input type="text"/>	Cu Meter/Hour n/a
8.26.5	Booster Pumps (Normal Back Pressure)	<input type="text"/>	Bar n/a
8.26.6	Booster Pumps (At what Head?)	<input type="text"/>	Meters n/a
8.26.7	Booster Pumps (RPM)	<input type="text"/>	RPM n/a
8.26.8	Booster Pumps (Max RPM)	<input type="text"/>	RPM n/a
8.27.1	Stripping (Number)	<input type="text"/>	n/a
8.27.2	Stripping (Type)	<input type="text"/>	n/a
8.27.3	Stripping (Type of Prime Mover)	<input type="text"/>	n/a
8.27.4	Stripping (Capacity)	<input type="text"/>	Cu Meter/Hour n/a
8.27.5	Stripping (Normal Back Pressure)	<input type="text"/>	Bar n/a
8.27.6	Stripping (At what Head?)	<input type="text"/>	Meters n/a
8.28.1	Eductors (Number)	<input type="text"/>	n/a
8.28.2	Eductors (Type)	<input type="text"/>	n/a
8.28.3	Eductors (Type of Prime Mover)	<input type="text"/>	n/a

8.28.4	Eductors(Capacity)	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
8.28.5	Eductors(Normal Back Pressure)	<input type="text"/>	Bar	<input type="text" value="n/a"/>
8.28.6	Eductors(At what Head?)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
8.29.1	Ballast Handling Main Pump (Number)	<input type="text"/>		<input type="text" value="n/a"/>
8.29.2	Ballast Handling Main Pump (Type)	<input type="text"/>		<input type="text" value="n/a"/>
8.29.3	Ballast Handling Main Pump (Type of Prime Mover)	<input type="text"/>		<input type="text" value="n/a"/>
8.29.4	Ballast Handling Main Pump (Capacity)	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
8.29.5	Ballast Handling Main Pump (Normal Back Pressure)	<input type="text"/>	Bar	<input type="text" value="n/a"/>
8.29.6	Ballast Handling Main Pump (At what Head?)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
8.29.7	Ballast Handling Main Pump (Max RPM)	<input type="text"/>	RPM	<input type="text" value="n/a"/>
8.30.1	Ballast Handling Stripping (Number)	<input type="text"/>		<input type="text" value="n/a"/>
8.30.2	Ballast Handling Stripping (Type)	<input type="text"/>		<input type="text" value="n/a"/>
8.30.3	Ballast Handling Stripping (Type of Prime Mover)	<input type="text"/>		<input type="text" value="n/a"/>
8.30.4	Ballast Handling Stripping (Capacity)	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
8.30.5	Ballast Handling Stripping (At what Head?)	<input type="text"/>	Bar	<input type="text" value="n/a"/>
8.31.1	Ballast Handling Eductors (Number)	<input type="text"/>		<input type="text" value="n/a"/>
8.31.2	Ballast Handling Eductors (Type)	<input type="text"/>		<input type="text" value="n/a"/>
8.31.3	Ballast Handling Eductors (Type of Prime Mover)	<input type="text"/>		<input type="text" value="n/a"/>
8.31.4	Ballast Handling Eductors (Capacity)	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
8.31.5	Ballast Handling Eductors (At what Head?)	<input type="text"/>	Bar	<input type="text" value="n/a"/>
8.32	Is vessel fitted with dedicated stripping lines and pumps?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.33	State location of cargo pump emergency stops (i)	<input type="text"/>		<input type="text" value="n/a"/>
8.34	State location of cargo pump emergency stops (ii)	<input type="text"/>		<input type="text" value="n/a"/>
8.35	State location of cargo pump emergency stops (iii)	<input type="text"/>		<input type="text" value="n/a"/>
8.36	State location of cargo pump emergency stops (iv)	<input type="text"/>		<input type="text" value="n/a"/>
8.37	State location of cargo pump emergency stops (v)	<input type="text"/>		<input type="text" value="n/a"/>
8.38.1	Are bearings of cargo pumps fitted with high temperature alarms?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.38.2	Are bearings of cargo pumps fitted with high temperature trips?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.39.1	Are bearings of ballast pumps fitted with high temperature alarms?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.39.2	Are bearings of ballast pumps fitted with high temperature trips?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.40.1	Are casings of cargo pumps fitted with high temperature alarms?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.40.2	Are casings of cargo pumps fitted with high temperature trips?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

8.41.1	Are casings of ballast pumps fitted with high temperature alarms?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.41.2	Are casings of ballast pumps fitted with high temperature trips?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.42.1	Are pumproom shaft glands through bulkheads fitted with high temperature alarms?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.42.2	Are pumproom shaft glands through bulkheads fitted with high temperature trips?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.43	What is the principal type of cargo valve?	<input type="text"/>		
8.44	What type of cargo valve actuator is fitted?	<input type="text"/>		

10 CARGO CONTROL ROOM

8.45	Is ship fitted with a Cargo Control Room? (CCR)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.46	Can cargo and ballast pumps be controlled from the CCR?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.47	Can all valves be controlled from the CCR?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.48	Can tank innage/ullage be read from the CCR?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.49	Is ODME readout fitted in the CCR?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.50	Can the IGS be controlled from the CCR?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

11 GAUGING AND SAMPLING

8.51	Can vessel operate under closed loading conditions in accordance with Section 7.6.3 of ISGOTT?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.51.1	What type of fixed closed tankgauging system is fitted?	<input type="text"/>		
8.52	Does tank gauging system have local reading?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.52.1	Is gauging system certified and calibrated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.52.2	If it is a portable system does the sounding pipe extend to full tank depth?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.53	Are bunker tanks fitted with a full depth gauging system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.54	Are high level alarms fitted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.54.1	If Yes, indicate whether to all tanks or partial?	<input type="text"/>		
8.54.2	Are high level alarms independent of the gauging system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.55	Are bunker tanks fitted with high level alarms?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.56	If Yes, are bunker tank high level alarms part of the primary tank gauging system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.57	Are closed sampling devices on board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.58	Are cargo tanks fitted with dipping points as per IMO Res 497 4.4.4?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.59	If portable equipment for gauging uses vapour locks, are vapour locks calibrated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.59.1	If Yes, by whom are vapour locks calibrated?	<input type="text"/>		
8.59.2	If Yes, by whom are vapour locks certified?	<input type="text"/>		
8.60	If portable equipment used for gauging who is manufacturer?	<input type="text"/>		

8.60.1	If portable equipment used for gauging how many units are supplied?	<input type="text"/>		<input type="text" value="n/a"/>
8.60.2	What is the name of the manufacturer of the vapour locks?	<input type="text"/>		<input type="text" value="n/a"/>
8.61	What is the nominal (internal) diameter of the vapour lock?	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.61.1	To what standard is the thread of the vapour lock manufactured?	<input type="text"/>		<input type="text" value="n/a"/>
8.61.2	Can vapour lock be used for ullaging?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.61.3	Can vapour lock be used for temperature?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.61.4	Can vapour lock be used for interface?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.61.5	Can vapour lock be used for cargo sampling?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.61.6	If the vapour lock can be used for cargo sampling, what is the volume of the sample that can be drawn?	<input type="text"/>		<input type="text" value="n/a"/>
8.62	Specify portable equipment for checking oil/water interface	<input type="text"/>		<input type="text" value="n/a"/>
8.63	Can cargo samples be taken at the manifold?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.64	What is the means of taking cargo temperatures?	<input type="text"/>		<input type="text" value="n/a"/>

12 VAPOUR EMISSION CONTROL

8.65	Is a vapour return system fitted?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.65.6	If fitted, is vapour line return manifold in compliance with OCIMF Guidelines?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.66	Is vessel certified for vapour transfer?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.66.1	If yes, by which organisation?	<input type="text"/>		<input type="text" value="n/a"/>

13 VENTING

8.67	State what type of venting system is fitted	<input type="text"/>		<input type="text" value="n/a"/>
8.68	State maximum venting capacity	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
8.69	State P/V valve opening pressure	<input type="text"/>	MM/WG	<input type="text" value="n/a"/>
8.70	State P/V valve vacuum setting	<input type="text"/>	MM/WG	<input type="text" value="n/a"/>
8.71	Does each tank have isolating valve?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.72	Are cargo tanks fitted with full flow P/V valves without isolating valves between the P/V valve and tank?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.73	Is there a means of measuring the pressure in the vapour space in each cargo tank?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.74	Is venting through a mast riser?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.75	Are mast risers fitted with high velocity vents?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.76	If Yes, state opening pressure	<input type="text"/>	MM/WG	<input type="text" value="n/a"/>
8.77	State vacuum setting of mast riser	<input type="text"/>	MM/WG	<input type="text" value="n/a"/>
8.78	State throughput capacity of mast riser.	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
8.79	What is the maximum loading rate for homogenous cargo?	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>

14 CARGO MANIFOLDS

8.80	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment'?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
8.81	What type of valves are fitted at manifold?	<input type="text"/>		
8.82	If hydraulic valves fitted, what are closing times?	<input type="text"/>	Seconds	<input type="checkbox"/> n/a
8.83	What is the number of cargo connections per side?	<input type="text"/>		
8.84	What is the size of cargo connections?	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a
8.85	Are pressure gauges fitted outboard of manifold valves?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
8.86	What is the material of the manifold?	<input type="text"/>		
8.87	Is the vessel fitted with a crossover at the manifold?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
8.88	Are manifold cross-connections made by hard or flexible piping? (chemical carriers)	<input type="text"/>		

15 BUNKER MANIFOLDS

8.89	What is the number of bunker connections per side?	<input type="text"/>		
8.90	What is the size of the bunker connection?	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a

16 MANIFOLD ARRANGEMENT

8.91	Manifold Arrangement Diagram	<input type="checkbox"/> n/a		
8.92	Distance A bunker manifold to cargo manifold	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a
8.93	Distance B cargo manifold to cargo manifold	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a
8.94	Distance C cargo manifold to vapour return manifold	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a
8.95	Distance D manifolds to ship's rail	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a
8.96	Distance E spill tank grating to centre of manifold	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a
8.97	Distance F main deck to centre of manifold	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a
8.98	Distance G maindeck to top of rail	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a
8.99	Distance H top of rail to centre of manifold	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a
8.100	Distance J manifold to ship side	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a
8.101	What is the height of the manifold connections above the waterline at loaded (Summer Deadweight) condition?	<input type="text"/>	Meters	<input type="checkbox"/> n/a
8.102	What is the height of the manifold connections above the waterline in normal ballast?	<input type="text"/>	Meters	<input type="checkbox"/> n/a
8.103	What is the distance between the keel and centre of manifold?	<input type="text"/>	Meters	<input type="checkbox"/> n/a
8.104	Is vessel fitted with a stern manifold?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
8.104.1	If stern manifold fitted, state size	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a
8.105	Is vessel fitted with a bow manifold?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a

8.105.1	If bow manifold fitted, state size	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.106.1	Number of Reducers carried	<input type="text"/>		<input type="text" value="n/a"/>
8.106.2	From Diameter	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.106.3	To Diameter	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.107.1	Number of Reducers carried	<input type="text"/>		<input type="text" value="n/a"/>
8.107.2	From Diameter	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.107.3	To Diameter	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.108.1	Number of Reducers carried	<input type="text"/>		<input type="text" value="n/a"/>
8.108.2	From Diameter	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.108.3	To Diameter	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.109.1	Number of Reducers carried	<input type="text"/>		<input type="text" value="n/a"/>
8.109.2	From Diameter	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.109.3	To Diameter	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.110.1	Number of Reducers carried	<input type="text"/>		<input type="text" value="n/a"/>
8.110.2	From Diameter	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.110.3	To Diameter	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.111	To what standard are manifold reducers manufactured? (ANSI, ASA, BSI, DIN, JIS, etc.)	<input type="text"/>		<input type="text" value="n/a"/>

17 GAS MONITORING

8.112	Is the vessel fitted with a fixed system to continuously monitor for flammable atmospheres?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.112.1	What spaces are monitored?	<input type="text"/>		
8.113	Where are sensors/sampling points located in pumphoom?	<input type="text"/>		
8.113.1	Are sensors/sampling points calibrated/tested?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.113.2	Who is responsible for testing sensors/sampling points?	<input type="text"/>		
8.114.1	Portable and Personal gas detection equipment carried Item Number 1 (Name)	<input type="text"/>		
8.114.2	Portable and Personal gas detection equipment carried Item Number 1 (Number of units)	<input type="text"/>		<input type="text" value="n/a"/>
8.115.1	Portable and Personal gas detection equipment carried Item Number 2 (Name)	<input type="text"/>		
8.115.2	Portable and Personal gas detection equipment carried Item Number 2 (Number of units)	<input type="text"/>		<input type="text" value="n/a"/>
8.116.1	Portable and Personal gas detection equipment carried Item Number 3 (Name)	<input type="text"/>		
8.116.2	Portable and Personal gas detection equipment carried Item Number 3 (Number of units)	<input type="text"/>		<input type="text" value="n/a"/>
8.117.1	Portable and Personal gas detection equipment carried Item Number 4 (Name)	<input type="text"/>		

8.117.2	Portable and Personal gas detection equipment carried Item Number 4 (Number of units)	<input type="text"/>	<input type="text" value="n/a"/>
8.118.1	Portable and Personal gas detection equipment carried Item Number 5 (Name)	<input type="text"/>	<input type="text" value="n/a"/>
8.118.2	Portable and Personal gas detection equipment carried Item Number 5 (Number of units)	<input type="text"/>	<input type="text" value="n/a"/>
8.119.1	Portable and Personal gas detection equipment carried Item Number 6 (Name)	<input type="text"/>	<input type="text" value="n/a"/>
8.119.2	Portable and Personal gas detection equipment carried Item Number 6 (Number of units)	<input type="text"/>	<input type="text" value="n/a"/>

18 CARGO HEATING

8.120	Are there coils in cargo tanks?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.121	State the Number of independent sets of coils per tank	<input type="text"/>		<input type="text" value="n/a"/>
8.122	Are all tanks coiled?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.123	What is the Height of coils above tank bottom?	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
8.124.1	Heating surface per tank	<input type="text"/>	Square Meters	<input type="text" value="n/a"/>
8.124.2	Heating surface per tank volume ratio	<input type="text"/>		<input type="text" value="n/a"/>
8.125	Are heating coils welded or coupled?	<input type="text"/>		<input type="text" value="n/a"/>
8.126	Are heat exchangers external to cargo tanks?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.127	Are there external ducts?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
8.128	What is the Material of heating coils?	<input type="text"/>		<input type="text" value="n/a"/>
8.129	Inlet heating medium to coils	<input type="text"/>		<input type="text" value="n/a"/>
8.130.1	With Sea temperature	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
8.130.2	With air temperature	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
8.131	Heating agent	<input type="text"/>		<input type="text" value="n/a"/>
8.132	Number of heaters	<input type="text"/>		<input type="text" value="n/a"/>
8.133.1	Able to raise temperature from	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
8.133.2	Able to raise temperature to	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
8.133.3	Time taken to raise temperature	<input type="text"/>	Hours	<input type="text" value="n/a"/>
8.134	Total capacity of boilers	<input type="text"/>	KCal	<input type="text" value="n/a"/>

9 Chapter 9

1 INERT GAS AND CRUDE OIL WASHING

9.1	Is an inert gas system (IGS) fitted? (If No, ignore remainder of this section)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
9.2	Is a P/V breaker fitted?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

9.3	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen?	<input type="text"/>		<input type="text" value="n/a"/>
9.4	Are fixed O2 alarms fitted in inert gas generating spaces?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
9.5	What is the capacity of the IGS?	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
9.6	How many fans does it have?	<input type="text"/>		<input type="text" value="n/a"/>
9.7	What is the total combined fan capacity?	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
9.8	Is a top-up IG generator fitted?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
9.8.1	If Yes, what is its capacity?	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
9.9	Is an IGS operating manual on board?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
9.10	What type of deck seal is fitted?	<input type="text"/>		<input type="text" value="n/a"/>
9.11	How many segregations does the IGS have?	<input type="text"/>		<input type="text" value="n/a"/>
9.12	What method is used to isolate individual tanks?	<input type="text"/>		<input type="text" value="n/a"/>
9.13	What type of non-return valve is fitted?	<input type="text"/>		<input type="text" value="n/a"/>
9.14	What means of protection is fitted, other than minimum thermal variation P/V valves, if tanks can be individually isolated from the IG ?	<input type="text"/>		<input type="text" value="n/a"/>
9.15	If ship has double hull or sides, are facilities available to inert ballast tanks and other void spaces?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
9.15.1	Can these tanks/spaces be purged with air?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
9.16	Where is the location of the emergency IGS connection?	<input type="text"/>		<input type="text" value="n/a"/>
9.16.1	What is the size of the emergency IGS connection?	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
9.17	Is a Crude Oil Washing (COW) installation fitted? (If No, ignore remainder of this section)		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
9.18	Are COW drive units fixed or portable?	<input type="text"/>		<input type="text" value="n/a"/>
9.19	Are COW drive units programmable?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
9.20	Is vessel capable of performing COW at the same time as cargo discharge?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
9.21	Is there an approved COW Manual on board?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
9.22	What is the working pressure of the COW lines?	<input type="text"/>	Bar	<input type="text" value="n/a"/>

10 Chapter 10

1 MOORING

10.1	Does the vessel comply with the latest edition of OCIMF Mooring Equipment Guidelines?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
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2 MOORING WIRES (ON DRUMS)

10.2.1	Mooring Wires (On Drums) Forecastle (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.2.2	Mooring Wires (On Drums) Forecastle (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.2.3	Mooring Wires (On Drums) Forecastle (Material)	<input type="text"/>		<input type="text" value="n/a"/>

10.2.4	Mooring Wires (On Drums) Forecastle (Length)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.2.5	Mooring Wires (On Drums) Forecastle (Breaking Strength)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.3.1	Mooring Wires (On Drums) Forward Main Deck (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.3.2	Mooring Wires (On Drums) Forward Main Deck (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.3.3	Mooring Wires (On Drums) Forward Main Deck (Material)	<input type="text"/>		<input type="text" value="n/a"/>
10.3.4	Mooring Wires (On Drums) Forward Main Deck (Length)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.3.5	Mooring Wires (On Drums) Forward Main Deck (Breaking Strength)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.4.1	Mooring Wires (On Drums) Aft Main Deck (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.4.2	Mooring Wires (On Drums) Aft Main Deck (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.4.3	Mooring Wires (On Drums) Aft Main Deck (Material)	<input type="text"/>		<input type="text" value="n/a"/>
10.4.4	Mooring Wires (On Drums) Aft Main Deck (Length)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.4.5	Mooring Wires (On Drums) Aft Main Deck (Breaking Strength)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.5.1	Mooring Wires (On Drums) Poop (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.5.2	Mooring Wires (On Drums) Poop (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.5.3	Mooring Wires (On Drums) Poop (Material)	<input type="text"/>		<input type="text" value="n/a"/>
10.5.4	Mooring Wires (On Drums) Poop (Length)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.5.5	Mooring Wires (On Drums) Poop (Breaking Strength)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>

3 MOORING WIRE TAILS

10.6	Type of shackle	<input type="text"/>		<input type="text" value="n/a"/>
10.7.1	Mooring Wire Tails Forecastle (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.7.2	Mooring Wire Tails Forecastle (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.7.3	Mooring Wire Tails Forecastle (Material)	<input type="text"/>		<input type="text" value="n/a"/>
10.7.4	Mooring Wire Tails Forecastle (Length)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.7.5	Mooring Wire Tails Forecastle (Breaking Strength)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.8.1	Mooring Wire Tails Forward Main Deck (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.8.2	Mooring Wire Tails Forward Main Deck (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.8.3	Mooring Wire Tails Forward Main Deck (Material)	<input type="text"/>		<input type="text" value="n/a"/>
10.8.4	Mooring Wire Tails Forward Main Deck (Length)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.8.5	Mooring Wire Tails Forward Main Deck (Breaking Strength)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.9.1	Mooring Wire Tails Aft Main Deck (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.9.2	Mooring Wire Tails Aft Main Deck (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.9.3	Mooring Wire Tails Aft Main Deck (Material)	<input type="text"/>		<input type="text" value="n/a"/>

10.9.4	Mooring Wire Tails Aft Main Deck (Length)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.9.5	Mooring Wire Tails Aft Main Deck (Breaking Strength)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.10.1	Mooring Wire Tails Poop (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.10.2	Mooring Wire Tails Poop (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.10.3	Mooring Wire Tails Poop (Material)	<input type="text"/>		<input type="text" value="n/a"/>
10.10.4	Mooring Wire Tails Poop (Length)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.10.5	Mooring Wire Tails Poop (Breaking Strength)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>

4 MOORING ROPES (ON DRUMS)

10.11.1	Mooring Ropes (On Drums) Forecastle (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.11.2	Mooring Ropes (On Drums) Forecastle (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.11.3	Mooring Ropes (On Drums) Forecastle (Material)	<input type="text"/>		<input type="text" value="n/a"/>
10.11.4	Mooring Ropes (On Drums) Forecastle (Length)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.11.5	Mooring Ropes (On Drums) Forecastle (Breaking Strength)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.12.1	Mooring Ropes (On Drums) Forward Main Deck (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.12.2	Mooring Ropes (On Drums) Forward Main Deck (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.12.3	Mooring Ropes (On Drums) Forward Main Deck (Material)	<input type="text"/>		<input type="text" value="n/a"/>
10.12.4	Mooring Ropes (On Drums) Forward Main Deck (Length)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.12.5	Mooring Ropes (On Drums) Forward Main Deck (Breaking Strength)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.13.1	Mooring Ropes (On Drums) Aft Main Deck (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.13.2	Mooring Ropes (On Drums) Aft Main Deck (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.13.3	Mooring Ropes (On Drums) Aft Main Deck (Material)	<input type="text"/>		<input type="text" value="n/a"/>
10.13.4	Mooring Ropes (On Drums) Aft Main Deck (Length)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.13.5	Mooring Ropes (On Drums) Aft Main Deck (Breaking Strength)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.14.1	Mooring Ropes (On Drums) Poop (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.14.2	Mooring Ropes (On Drums) Poop (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.14.3	Mooring Ropes (On Drums) Poop (Material)	<input type="text"/>		<input type="text" value="n/a"/>
10.14.4	Mooring Ropes (On Drums) Poop (Length)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.14.5	Mooring Ropes (On Drums) Poop (Breaking Strength)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>

5 OTHER MOORING LINES

10.15.1	Other Mooring Lines Forecastle (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.15.2	Other Mooring Lines Forecastle (Diameter)	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>

10.15.3	Other Mooring Lines Forecastle (Material)	<input type="text"/>		n/a
10.15.4	Other Mooring Lines Forecastle (Length)	<input type="text"/>	Meters	n/a
10.15.5	Other Mooring Lines Forecastle (Breaking Strength)	<input type="text"/>	Tonnes	n/a
10.16.1	Other Mooring Lines Forward Main Deck (Number)	<input type="text"/>		n/a
10.16.2	Other Mooring Lines Forward Main Deck (Diameter)	<input type="text"/>	Millimeters	n/a
10.16.3	Other Mooring Lines Forward Main Deck (Material)	<input type="text"/>		n/a
10.16.4	Other Mooring Lines Forward Main Deck (Length)	<input type="text"/>	Meters	n/a
10.16.5	Other Mooring Lines Forward Main Deck (Breaking Strength)	<input type="text"/>	Tonnes	n/a
10.17.1	Other Mooring Lines Aft Main Deck (Number)	<input type="text"/>		n/a
10.17.2	Other Mooring Lines Aft Main Deck (Diameter)	<input type="text"/>	Millimeters	n/a
10.17.3	Other Mooring Lines Aft Main Deck (Material)	<input type="text"/>		n/a
10.17.4	Other Mooring Lines Aft Main Deck (Length)	<input type="text"/>	Meters	n/a
10.17.5	Other Mooring Lines Aft Main Deck (Breaking Strength)	<input type="text"/>	Tonnes	n/a
10.18.1	Other Mooring Lines Poop (Number)	<input type="text"/>		n/a
10.18.2	Other Mooring Lines Poop (Diameter)	<input type="text"/>	Millimeters	n/a
10.18.3	Other Mooring Lines Poop (Material)	<input type="text"/>		n/a
10.18.4	Other Mooring Lines Poop (Length)	<input type="text"/>	Meters	n/a
10.18.5	Other Mooring Lines Poop (Breaking Strength)	<input type="text"/>	Tonnes	n/a

6 SPARE MOORING WIRES

10.19.1	Spare Mooring Wires (Identity 1)	<input type="text"/>		n/a
10.19.2	Number (Identity 1)	<input type="text"/>		n/a
10.19.3	Diameter (Identity 1)	<input type="text"/>	Millimeters	n/a
10.19.4	Material (Identity 1)	<input type="text"/>		n/a
10.19.5	Length (Identity 1)	<input type="text"/>	Meters	n/a
10.19.6	Breaking Strength (Identity 1)	<input type="text"/>	Tonnes	n/a
10.19.1.1	Spare Mooring Wires (Identity 2)	<input type="text"/>		n/a
10.19.1.2	Number (Identity 2)	<input type="text"/>		n/a
10.19.1.3	Diameter (Identity 2)	<input type="text"/>	Millimeters	n/a
10.19.1.4	Material (Identity 2)	<input type="text"/>		n/a
10.19.1.5	Length (Identity 2)	<input type="text"/>	Meters	n/a
10.19.1.6	Breaking Strength (Identity 2)	<input type="text"/>	Tonnes	n/a

7 SPARE MOORING ROPES

10.20.1	Spare Mooring Ropes (Identity 1)	<input type="text"/>	<input type="text" value="n/a"/>
10.20.2	Number (Identity 1)	<input type="text"/>	<input type="text" value="n/a"/>
10.20.3	Diameter (Identity 1)	<input type="text"/> Millimeters	<input type="text" value="n/a"/>
10.20.4	Material (Identity 1)	<input type="text"/>	<input type="text" value="n/a"/>
10.20.5	Length (Identity 1)	<input type="text"/> Meters	<input type="text" value="n/a"/>
10.20.6	Breaking Strength (Identity 1)	<input type="text"/> Tonnes	<input type="text" value="n/a"/>
10.20.1.1	Spare Mooring Ropes (Identity 2)	<input type="text"/>	<input type="text" value="n/a"/>
10.20.1.2	Number (Identity 2)	<input type="text"/>	<input type="text" value="n/a"/>
10.20.1.3	Diameter (Identity 2)	<input type="text"/> Millimeters	<input type="text" value="n/a"/>
10.20.1.4	Material (Identity 2)	<input type="text"/>	<input type="text" value="n/a"/>
10.20.1.5	Length (Identity 2)	<input type="text"/> Meters	<input type="text" value="n/a"/>
10.20.1.6	Breaking Strength (Identity 2)	<input type="text"/> Tonnes	<input type="text" value="n/a"/>

8 SPARE MOORING TAILS

10.21.1	Spare Mooring Tails (Identity 1)	<input type="text"/>	<input type="text" value="n/a"/>
10.21.2	Number (Identity 1)	<input type="text"/>	<input type="text" value="n/a"/>
10.21.3	Diameter (Identity 1)	<input type="text"/> Millimeters	<input type="text" value="n/a"/>
10.21.4	Material (Identity 1)	<input type="text"/>	<input type="text" value="n/a"/>
10.21.5	Length (Identity 1)	<input type="text"/> Meters	<input type="text" value="n/a"/>
10.21.6	Breaking Strength (Identity 1)	<input type="text"/> Tonnes	<input type="text" value="n/a"/>
10.21.1.1	Spare Mooring Tails (Identity 2)	<input type="text"/>	<input type="text" value="n/a"/>
10.21.1.2	Number (Identity 2)	<input type="text"/>	<input type="text" value="n/a"/>
10.21.1.3	Diameter (Identity 2)	<input type="text"/> Millimeters	<input type="text" value="n/a"/>
10.21.1.4	Material (Identity 2)	<input type="text"/>	<input type="text" value="n/a"/>
10.21.1.5	Length (Identity 2)	<input type="text"/> Meters	<input type="text" value="n/a"/>
10.21.1.6	Breaking Strength (Identity 2)	<input type="text"/> Tonnes	<input type="text" value="n/a"/>

9 MOORING WINCHES

10.22.1	Forecastle (Number)	<input type="text"/>	<input type="text" value="n/a"/>
10.22.2	Forecastle (Single Drum or Double Drums)	<input type="text"/>	<input type="text" value="n/a"/>
10.22.3	Forecastle (Split Drums Y/N)	<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
10.22.4	Forecastle (Motive Power)	<input type="text"/>	<input type="text" value="n/a"/>
10.22.5	Forecastle (Heaving Power)	<input type="text"/> Tonnes	<input type="text" value="n/a"/>

10.22.6	Forecastle (Brake Capacity)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.22.7	Forecastle (Hauling Speed)	<input type="text"/>	Meters/Minute	<input type="text" value="n/a"/>
10.23.1	Forward Main Deck (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.23.2	Forward Main Deck (Single Drum or Double Drums)	<input type="text"/>		<input type="text" value="n/a"/>
10.23.3	Forward Main Deck (Split Drums Y/N)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
10.23.4	Forward Main Deck (Motive Power)	<input type="text"/>		<input type="text" value="n/a"/>
10.23.5	Forward Main Deck (Heaving Power)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.23.6	Forward Main Deck (Brake Capacity)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.23.7	Forward Main Deck (Hauling Speed)	<input type="text"/>	Meters/Minute	<input type="text" value="n/a"/>
10.24.1	Aft Main Deck (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.24.2	Aft Main Deck (Single Drum or Double Drums)	<input type="text"/>		<input type="text" value="n/a"/>
10.24.3	Aft Main Deck (Split Drums Y/N)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
10.24.4	Aft Main Deck (Motive Power)	<input type="text"/>		<input type="text" value="n/a"/>
10.24.5	Aft Main Deck (Heaving Power)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.24.6	Aft Main Deck (Brake Capacity)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.24.7	Aft Main Deck (Hauling Speed)	<input type="text"/>	Meters/Minute	<input type="text" value="n/a"/>
10.25.1	Poop (Number)	<input type="text"/>		<input type="text" value="n/a"/>
10.25.2	Poop (Single Drum or Double Drums)	<input type="text"/>		<input type="text" value="n/a"/>
10.25.3	Poop (Split Drums Y/N)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
10.25.4	Poop (Motive Power)	<input type="text"/>		<input type="text" value="n/a"/>
10.25.5	Poop (Heaving Power)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.25.6	Poop (Brake Capacity)	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.25.7	Poop (Hauling Speed)	<input type="text"/>	Meters/Minute	<input type="text" value="n/a"/>
10.26	What type of winch brakes are fitted?	<input type="text"/>		<input type="text" value="n/a"/>
10.27	Is brake testing equipment on board?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
10.28	When were the brakes last tested?	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>

10 MOORING BITS

10.29	How many sets of mooring bits are fitted on forecastle?	<input type="text"/>		<input type="text" value="n/a"/>
10.30	How many sets of mooring bits are fitted on forward main deck?	<input type="text"/>		<input type="text" value="n/a"/>
10.31	How many sets of mooring bits are fitted on aft main deck?	<input type="text"/>		<input type="text" value="n/a"/>
10.32	How many sets of mooring bits are fitted on poop deck?	<input type="text"/>		<input type="text" value="n/a"/>
10.33	Distance of mooring chock for breast/spring lines forward of center of manifold	<input type="text"/>	Meters	<input type="text" value="n/a"/>

10.34 Distance of mooring chock for breast/spring lines aft of center of manifold Meters

11 ANCHORS AND WINDLASS

10.35 What is the motive power of the windlass?

10.36 What is the cable diameter? Millimeters

10.37 Number of shackles - port cable?

10.38 Number of shackles - starboard cable?

10.39 Are bitter end connections to both cables capable of being slipped?

12 EMERGENCY TOWING ARRANGEMNTS

10.40 Is the vessel fitted with an Emergency Towing Arrangement? If no, ignore remainder of this section.

10.41.1 Type of system (Forward)

10.41.2 Type of system (Aft)

10.42.1 Safe Working Load (SWL) of system (Forward) Tonnes

10.42.2 Safe Working Load (SWL) of system (Aft) Tonnes

10.43.1 Is pick-up gear provided? (Forward)

10.43.2 Is pick-up gear provided? (Aft)

10.44.1 Towing pennant length (Forward) Meters

10.44.2 Towing pennant length (Aft) Meters

10.45.1 Towing pennant diameter (Forward) Millimeters

10.45.2 Towing pennant diameter (Aft) Millimeters

10.46.1 Type of strong point (Smit bracket etc) (Forward)

10.46.2 Type of strong point (Smit bracket etc) (Aft)

10.47.1 Chafing chain size (Forward) Millimeters

10.47.2 Chafing chain size (Aft) Millimeters

10.48.1 Fairlead size (in format ABCmm x XYZmm) (Forward)

10.48.2 Fairlead size (in format ABCmm x XYZmm) (Aft)

10.49.1 Is pedestal roller fitted? (Forward)

10.49.2 Is pedestal roller fitted? (Aft)

10.50.1 Is vessel provided with towing wire? (Forward)

10.50.2 Is vessel provided with towing wire? (Aft)

10.50.1.1 If Yes, what is the diameter of towing wire? (Forward) Millimeters

10.50.1.2 If Yes, what is the diameter of towing wire? (Aft) Millimeters

10.50.2.1	If Yes, what is the length of towing wire? (Forward)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.50.2.2	If Yes, what is the length of towing wire? (Aft)	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.52	What is the number of bitts in the bow area?	<input type="text"/>		<input type="text" value="n/a"/>
10.53	What is the height of the bitts in the bow area?	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.54	What is the safe working load of the bitts in the bow area?	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.55	What is the distance between bow fairleads and nearest bitts?	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.56	Is the bow area clear of any obstructions which would hamper towing connections?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

13 ESCORT TUG

10.57	SWL of closed chock on stern	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.58	SWL of bollard on poopdeck suitable for escort tug	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.59	Are stern chock and bollard capable of towing astern to 90 degrees?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

14 SINGLE POINT MOORING (SPM) EQUIPMENT

10.60	Does vessel comply with the latest edition of OCIMF 'Recommendations for Equipment Employed in the Mooring of Vessels at Single Point Moorings (SPM)'?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
10.61	Is vessel fitted with chain stopper(s)?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
10.61.1	If Yes, how many?	<input type="text"/>		<input type="text" value="n/a"/>
10.61.2	If Yes, state type	<input type="text"/>		<input type="text" value="n/a"/>
10.61.3	If Yes, what is the Safe Working Load (SWL)?	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
10.62	What is the maximum size chain diameter the bow stopper(s) can handle?	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.63	Are closed fairleads of OCIMF recommended size (600mm x 450mm)?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
10.63.1	If not, give details of size (in format ABCmm x XYZmm)	<input type="text"/>		<input type="text" value="n/a"/>
10.64	If two forward bow fairleads are fitted give distance between them	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.65	What is the distance between the bow fairlead and stopper/bracket?	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
10.66	What is the distance from the stopper bracket to roller lead/winch drum?	<input type="text"/>	Meters	<input type="text" value="n/a"/>
10.67	Is there a direct lead from the bow stopper to the winch drum (not the warping end)?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
10.68	Is the winch storage drum capable of safely accommodating 150m X 80mm fibre pick up rope?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
10.69	Is the winch storage drum capable of safely accommodating 200m X 80mm fibre pick up rope?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

15 BOW MOORING ARRANGEMENT DIAGRAM

10.70	Bow Mooring Arrangement Diagram	<input type="text" value="n/a"/>
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16 MANIFOLD ARRANGEMENT

10.71	Manifold Arrangement Diagram	<input type="text" value="n/a"/>
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10.72	Distance K end of drip tray to center line of deck cleat	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>	
10.73	Distance L spill tray to centre line of bollard	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>	
10.74	Distance M length of bollard	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>	
17	LIFTING EQUIPMENT				
10.75	How many derricks does the vessel have?	<input type="text"/>		<input type="text" value="n/a"/>	
10.75.1	What is their safe working load (SWL)?	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>	
10.75.2	Date last tested	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
10.76	If cranes are fitted, how many?	<input type="text"/>		<input type="text" value="n/a"/>	
10.76.1	What is their safe working load (SWL)?	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>	
10.76.2	Date last tested	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
10.77	Is Safe Working Load (SWL) clearly marked on all lifting equipment?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
10.78	Do the vessel's derricks or cranes reach at least 1 metre outboard of rail?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
10.79	How many bitts are there on each side of the manifold for tying off submarine hoses?	<input type="text"/>		<input type="text" value="n/a"/>	

18 OTHER EQUIPMENT

10.80	Are accommodation ladders arranged to face aft when rigged?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
10.81	Does vessel have Suez Canal boat davits?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
10.82	Does vessel have Suez Canal projector?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

11 Chapter 11

1 COMMUNICATIONS AND ELECTRONICS

11.1	Is vessel certified for GMDSS?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
11.2	What GMDSS areas is the vessel classed for? A1 A2 A3 A4	<input type="text"/>		
11.3	Transponder (SART)	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
11.4	EPIRB	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
11.5	How many VHF radios are fitted on the bridge?	<input type="text"/>		<input type="text" value="n/a"/>
11.6	Is vessel fitted with VHF in the cargo control room (CCR)?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
11.7	Is the CCR connected to the vessel's internal communication system?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
11.8	How many intrinsically safe walkie talkies are provided for cargo handling?	<input type="text"/>		<input type="text" value="n/a"/>
11.9	Is vessel fitted with an INMARSAT satellite communications system?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
11.10	Does vessel carry at least three survival craft two-way radio telephones?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
11.11	List any other communications equipment carried:	<input type="text"/>		

11.12 Can vessel transmit the helicopter homing signal on 410 KHz? yes no n/a

12 Chapter 12

1 MAIN PROPULSION

12.1 Means of main propulsion n/a

12.1.1 If motor state whether two stroke or four stroke n/a

12.1.2 If four stroke, state how many engines fitted n/a

12.2 Does vessel have single or twin propellers? n/a

12.3 Is vessel fitted with fixed or controllable pitch propeller(s)? n/a

12.4 How many boilers are fitted? n/a

12.4.1 What is rated output of boilers? Tonnes/Hour n/a

12.5 What type of fuel is used for main propulsion? n/a

12.6 Are pressurised fuel pipes double sheathed? yes no n/a

12.7 When moored at SBM, is main engine capable of being run astern at low revolutions for extended periods (up to 24 hours continuously)? yes no n/a

12.8 Is vessel capable of maintaining speed below 5 Knots? yes no n/a

12.9 Is vessel fitted for Unmanned Machinery Space (UMS) operation? yes no n/a

12.9.1 Is vessel operated in UMS mode? yes no n/a

2 THRUSTERS

12.10 Is vessel fitted with a bow thruster? yes no n/a

12.10.1 If Yes, give Brake Horse Power BHP n/a

12.11 Is vessel fitted with a stern thruster? yes no n/a

12.11.1 If Yes, give Brake Horse Power BHP n/a

12.12 Is vessel fitted with high angle rudder? yes no n/a

12.12.1 If yes, what type n/a

3 GENERATORS

12.13 How many power generators are fitted? n/a

12.13.1 Indicate type of power generator(s) n/a

12.14 What type of fuel is used in the generating plant? n/a

12.15 Is vessel fitted with emergency generator or batteries? n/a

4 MAIN ENGINE AIR START COMPRESSORS

12.16 Number of main engine start compressors n/a

12.17 Operating pressure Bar

12.18 Motive power of emergency compressor Cu Meter/Hour

5 BUNKERS

12.19.1 Fuel Oil (Tank Name)

12.19.2 Fuel Oil (Capacity) Cu Meters

12.19.3 Diesel Oil (Tank Name)

12.19.4 Diesel Oil (Capacity) Cu Meters

12.19.5 Gas Oil (Tank Name)

12.19.6 Gas Oil (Capacity) Cu Meters

12.20.1 Fuel Oil (Tank Name)

12.20.2 Fuel Oil (Capacity) Cu Meters

12.20.3 Diesel Oil (Tank Name)

12.20.4 Diesel Oil (Capacity) Cu Meters

12.20.5 Gas Oil (Tank Name)

12.20.6 Gas Oil (Capacity) Cu Meters

12.21.1 Fuel Oil (Tank Name)

12.21.2 Fuel Oil (Capacity) Cu Meters

12.21.3 Diesel Oil (Tank Name)

12.21.4 Diesel Oil (Capacity) Cu Meters

12.21.5 Gas Oil (Tank Name)

12.21.6 Gas Oil (Capacity) Cu Meters

12.22.1 Fuel Oil (Tank Name)

12.22.2 Fuel Oil (Capacity) Cu Meters

12.22.3 Diesel Oil (Tank Name)

12.22.4 Diesel Oil (Capacity) Cu Meters

12.22.5 Gas Oil (Tank Name)

12.22.6 Gas Oil (Capacity) Cu Meters

12.23.1 Fuel Oil (Tank Name)

12.23.2 Fuel Oil (Capacity) Cu Meters

12.23.3 Diesel Oil (Tank Name)

12.23.4 Diesel Oil (Capacity) Cu Meters

12.23.5 Gas Oil (Tank Name)

12.23.6	Gas Oil (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
12.24.1	Fuel Oil (Tank Name)	<input type="text"/>		<input type="text" value="n/a"/>
12.24.2	Fuel Oil (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
12.24.3	Diesel Oil (Tank Name)	<input type="text"/>		<input type="text" value="n/a"/>
12.24.4	Diesel Oil (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
12.24.5	Gas Oil (Tank Name)	<input type="text"/>		<input type="text" value="n/a"/>
12.24.6	Gas Oil (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
12.25.1	Fuel Oil (Tank Name)	<input type="text"/>		<input type="text" value="n/a"/>
12.25.2	Fuel Oil (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
12.25.3	Diesel Oil (Tank Name)	<input type="text"/>		<input type="text" value="n/a"/>
12.25.4	Diesel Oil (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
12.25.5	Gas Oil (Tank Name)	<input type="text"/>		<input type="text" value="n/a"/>
12.25.6	Gas Oil (Capacity)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>

6 STEERING GEAR

12.26	What type of steering gear fitted?	<input type="text"/>		<input type="text" value="n/a"/>
12.27	How many motorized hydraulic pumps or motors fitted?	<input type="text"/>		<input type="text" value="n/a"/>
12.28	How many telemotors fitted?	<input type="text"/>		<input type="text" value="n/a"/>
12.29	Is an emergency rudder arrest/rudder control fitted?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

7 ANTI-POLLUTION

12.30	Is an engine-room bilge high level alarm fitted?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
12.31	Is a pump room bilge high level alarm fitted?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
12.32	Is there a permanently installed system for the disposal of residues from the machinery space sludge tank to shore?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
12.33	Are there facilities on board to incinerate machinery space sludge?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

13 Chapter 13

1 SHIP TO SHIP TRANSFER

13.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum)?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
13.2	Are at least 7 ratings available to assist with mooring operations?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
13.3	What is Safe Working Load (SWL) of bitts in the manifold area?	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
13.4	Are manifold bitts at least 35 metres away from the breastlines leading fore and aft?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
13.5	What is maximum outreach of vessel's cranes or derricks outboard of the ship's side?	<input type="text"/>	Meters	<input type="text" value="n/a"/>

13.6	Are four (4) 200m x 40mm messenger lines available for Ship-To-Ship (STS) mooring operations?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
13.7	Are there two (2) closed chocks with associated bollards and leads to winches located within 35 metres forward and aft of the centre of the cargo manifold?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a

14 Chapter 14

1 CHEMICAL CARRIER INFORMATION

14.1	In the case of a Chemical Carrier carrying oil, does the vessel comply fully with the requirements of MARPOL as per Section 8 of the IOPP Supplement (Form B)?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
14.2	Is vessel equipped with an emergency portable cargo pump?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
14.3	Are independent high level alarms fitted?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
14.4	Is a tank overflow control system fitted?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
14.4.1	Are these also fitted to deck tanks?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
14.5	Are there cargo tank filling restrictions?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
14.5.1	If yes	<input type="text"/>		<input type="checkbox"/> n/a
14.5.2	Filling restrictions are	<input type="text"/>		<input type="checkbox"/> n/a
14.6	Is the ship fitted with a fixed remote reading temperature system?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
14.7	Is the ship fitted with a fixed remote pressure gauging equipment?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
14.8	Specify other cargo measurement equipment available	<input type="text"/>		<input type="checkbox"/> n/a
14.9	Is an Efficient Stripping System fitted?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
14.9.1	Are independent stripping lines fitted?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
14.9.2	What is the material of stripping lines?	<input type="text"/>		<input type="checkbox"/> n/a
14.9.3	What is the diameter of the stripping lines?	<input type="text"/>	Millimeters	<input type="checkbox"/> n/a
2 IGS				
14.10.1	(IGS) Composition of gas supplied by	<input type="text"/>		<input type="checkbox"/> n/a
14.10.2	Nitrogen%	<input type="text"/>	Percent	<input type="checkbox"/> n/a
14.10.3	Carbon Dioxide %	<input type="text"/>	Percent	<input type="checkbox"/> n/a
14.10.4	Oxygen %	<input type="text"/>	Percent	<input type="checkbox"/> n/a
14.10.5	Sulphur Dioxide %	<input type="text"/>	Percent	<input type="checkbox"/> n/a
14.10.6	Carbon Monoxide %	<input type="text"/>	Percent	<input type="checkbox"/> n/a
14.10.7	Oxides of Nitrogen %	<input type="text"/>	Percent	<input type="checkbox"/> n/a
14.10.8	Dew Point degrees Celsius	<input type="text"/>	Degrees C	<input type="checkbox"/> n/a

14.11.1	(IGS) Composition of gas supplied by	<input type="text"/>		<input type="text" value="n/a"/>
14.11.2	Nitrogen%	<input type="text"/>	Percent	<input type="text" value="n/a"/>
14.11.3	Carbon Dioxide %	<input type="text"/>	Percent	<input type="text" value="n/a"/>
14.11.4	Oxygen %	<input type="text"/>	Percent	<input type="text" value="n/a"/>
14.11.5	Sulphur Dioxide %	<input type="text"/>	Percent	<input type="text" value="n/a"/>
14.11.6	Carbon Monoxide %	<input type="text"/>	Percent	<input type="text" value="n/a"/>
14.11.7	Oxides of Nitrogen %	<input type="text"/>	Percent	<input type="text" value="n/a"/>
14.11.8	Dew Point degrees Celsius	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.12	Is Cargo Tank Drier fitted?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.12.1	If yes, manufacturer name	<input type="text"/>		<input type="text" value="n/a"/>
14.12.2	Capacity	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.13	Is bottled Nitrogen available for deck use?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.14	Is steam available on deck?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>

3 TANK CONDITIONING

14.15	Is there a fixed ventilation system?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.15.1	What is the Total capacity?	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.16	Is the fixed ventilation system fitted with a dehumidifier ?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.16.1	What is the Total capacity?	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.17	Is there independent piping?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.17.1	Through cargo lines		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.17.2	Portable fans		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.17.3	Number:	<input type="text"/>		<input type="text" value="n/a"/>
14.17.4	Type:	<input type="text"/>		<input type="text" value="n/a"/>
14.17.5	Capacity (one)	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.18	Are there gas freeing stand pipes?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.18.1	Portable:		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.18.2	Fixed		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>

4 SAFETY

14.19	Is there Protective equipment for the protection of crew members available as per IBC 14.1.1 / BCH 3.16.1.?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.20	When required by the Chemical Code, is respiratory and eye protection for every person on board available for emergency escape purposes?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.21	When required by the Chemical Code, is there on board at least three sets of personnel protection safety equipment (IBC 14.2.1 / BCH 3.16)?		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>

14.22 Is an Oxygen resuscitator available on board? yes no n/a

14.23 Are there at least two decontamination showers available on deck? yes no n/a

5 CARGO AND OTHER MANIFOLDS

14.24 **Total number of manifold connections per side** n/a

14.24.1.1 Number (Port) n/a

14.24.1.2 Size (Port) Millimeters n/a

14.24.2.1 Number (Starboard) n/a

14.24.2.2 Size (Starboard) Millimeters n/a

14.25 Designed Max. loading rate Cu Meter/Hour n/a

14.26 Height of cargo vapour connections above keel Meters n/a

14.27 Located on both sides? yes no n/a

14.28 Is there an additional connection to cargo system on deck? yes no n/a

14.28.1 If yes, position (distance from bow) Meters n/a

6 CARGO AND OTHER MANIFOLD DIAGRAM

14.29 **Cargo and Other Manifold Diagram** n/a

14.30 Dimension A Millimeters n/a

14.31 Dimension B Millimeters n/a

14.32 Dimension C Millimeters n/a

14.33 Dimension D Millimeters n/a

14.34 Dimension E Millimeters n/a

14.35 Dimension a Millimeters n/a

14.36 Dimension b Millimeters n/a

14.37 Dimension x Millimeters n/a

14.38 Dimension y Millimeters n/a

14.39 Dimension z Millimeters n/a

14.40 Dimension i Meters n/a

14.41 Dimension ii Millimeters n/a

14.42 Dimension iii Millimeters n/a

7 CARGO TANK PARTICULARS

14.43.1 TANK NUMBER n/a

14.43.2 TANK LOCATION n/a

14.43.3	IMO TYPE	<input type="text"/>		n/a
14.43.4	CAPACITY 100%	<input type="text"/>	Cu Meters	n/a
14.43.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	n/a
14.43.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	n/a
14.43.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.43.8	PRESSURE MONITOR		<input type="checkbox"/> yes <input type="checkbox"/> no	n/a
14.43.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.43.10	STRIPPED ROB	<input type="text"/>	Litres	n/a
14.43.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	n/a
14.43.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	n/a
14.43.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		n/a
14.43.14	COATING DATE		<input type="text"/> dd <input type="text"/> mm <input type="text"/> yyyy	n/a
14.43.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		n/a
14.43.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		n/a
14.43.17	LEVEL GAUGE TYPE	<input type="text"/>		n/a
14.43.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	n/a
14.43.19	CLOSED SAMPLE TYPE	<input type="text"/>		n/a
14.44.1	TANK NUMBER	<input type="text"/>		n/a
14.44.2	TANK LOCATION	<input type="text"/>		n/a
14.44.3	IMO TYPE	<input type="text"/>		n/a
14.44.4	CAPACITY 100%	<input type="text"/>	Cu Meters	n/a
14.44.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	n/a
14.44.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	n/a
14.44.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.44.8	PRESSURE MONITOR		<input type="checkbox"/> yes <input type="checkbox"/> no	n/a
14.44.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.44.10	STRIPPED ROB	<input type="text"/>	Litres	n/a
14.44.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	n/a
14.44.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	n/a
14.44.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		n/a
14.44.14	COATING DATE		<input type="text"/> dd <input type="text"/> mm <input type="text"/> yyyy	n/a
14.44.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		n/a

14.44.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		n/a
14.44.17	LEVEL GAUGE TYPE	<input type="text"/>		n/a
14.44.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	n/a
14.44.19	CLOSED SAMPLE TYPE	<input type="text"/>		n/a
14.45.1	TANK NUMBER	<input type="text"/>		n/a
14.45.2	TANK LOCATION	<input type="text"/>		n/a
14.45.3	IMO TYPE	<input type="text"/>		n/a
14.45.4	CAPACITY 100%	<input type="text"/>	Cu Meters	n/a
14.45.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	n/a
14.45.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	n/a
14.45.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.45.8	PRESSURE MONITOR		<input type="checkbox"/> yes <input type="checkbox"/> no	n/a
14.45.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.45.10	STRIPPED ROB	<input type="text"/>	Litres	n/a
14.45.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	n/a
14.45.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	n/a
14.45.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		n/a
14.45.14	COATING DATE		<input type="text"/> dd <input type="text"/> mm <input type="text"/> yyyy	n/a
14.45.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		n/a
14.45.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		n/a
14.45.17	LEVEL GAUGE TYPE	<input type="text"/>		n/a
14.45.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	n/a
14.45.19	CLOSED SAMPLE TYPE	<input type="text"/>		n/a
14.46.1	TANK NUMBER	<input type="text"/>		n/a
14.46.2	TANK LOCATION	<input type="text"/>		n/a
14.46.3	IMO TYPE	<input type="text"/>		n/a
14.46.4	CAPACITY 100%	<input type="text"/>	Cu Meters	n/a
14.46.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	n/a
14.46.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	n/a
14.46.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.46.8	PRESSURE MONITOR		<input type="checkbox"/> yes <input type="checkbox"/> no	n/a
14.46.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a

14.46.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.46.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.46.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.46.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
14.46.14	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.46.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.46.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.46.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.46.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
14.46.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.47.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.47.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.47.3	IMO TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.47.4	CAPACITY 100%	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
14.47.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.47.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	<input type="text" value="n/a"/>
14.47.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.47.8	PRESSURE MONITOR	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
14.47.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.47.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.47.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.47.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.47.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
14.47.14	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.47.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.47.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.47.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.47.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
14.47.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.48.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.48.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.48.3	IMO TYPE	<input type="text"/>		<input type="text" value="n/a"/>

14.48.4	CAPACITY 100%	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
14.48.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.48.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	<input type="text" value="n/a"/>
14.48.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.48.8	PRESSURE MONITOR		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.48.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.48.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.48.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.48.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.48.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
14.48.14	COATING DATE		<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
14.48.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.48.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.48.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.48.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
14.48.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.49.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.49.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.49.3	IMO TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.49.4	CAPACITY 100%	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
14.49.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.49.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	<input type="text" value="n/a"/>
14.49.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.49.8	PRESSURE MONITOR		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.49.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.49.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.49.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.49.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.49.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
14.49.14	COATING DATE		<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
14.49.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.49.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>

14.49.17	LEVEL GAUGE TYPE	<input type="text"/>		n/a
14.49.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	n/a
14.49.19	CLOSED SAMPLE TYPE	<input type="text"/>		n/a
14.50.1	TANK NUMBER	<input type="text"/>		n/a
14.50.2	TANK LOCATION	<input type="text"/>		n/a
14.50.3	IMO TYPE	<input type="text"/>		n/a
14.50.4	CAPACITY 100%	<input type="text"/>	Cu Meters	n/a
14.50.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	n/a
14.50.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	n/a
14.50.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.50.8	PRESSURE MONITOR		<input type="checkbox"/> yes <input type="checkbox"/> no	n/a
14.50.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.50.10	STRIPPED ROB	<input type="text"/>	Litres	n/a
14.50.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	n/a
14.50.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	n/a
14.50.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		n/a
14.50.14	COATING DATE		<input type="text"/> dd <input type="text"/> mm <input type="text"/> yyyy	n/a
14.50.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		n/a
14.50.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		n/a
14.50.17	LEVEL GAUGE TYPE	<input type="text"/>		n/a
14.50.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	n/a
14.50.19	CLOSED SAMPLE TYPE	<input type="text"/>		n/a
14.51.1	TANK NUMBER	<input type="text"/>		n/a
14.51.2	TANK LOCATION	<input type="text"/>		n/a
14.51.3	IMO TYPE	<input type="text"/>		n/a
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14.51.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	n/a
14.51.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	n/a
14.51.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.51.8	PRESSURE MONITOR		<input type="checkbox"/> yes <input type="checkbox"/> no	n/a
14.51.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.51.10	STRIPPED ROB	<input type="text"/>	Litres	n/a

14.51.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.51.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.51.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
14.51.14	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.51.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.51.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.51.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.51.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
14.51.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.52.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.52.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.52.3	IMO TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.52.4	CAPACITY 100%	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
14.52.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.52.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	<input type="text" value="n/a"/>
14.52.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.52.8	PRESSURE MONITOR	<input type="text"/>	<input type="text" value="yes"/>	<input type="text" value="no"/>
14.52.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.52.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.52.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.52.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.52.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
14.52.14	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.52.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.52.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.52.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.52.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
14.52.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
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14.53.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.53.3	IMO TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.53.4	CAPACITY 100%	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>

14.53.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.53.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	<input type="text" value="n/a"/>
14.53.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.53.8	PRESSURE MONITOR		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.53.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.53.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.53.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.53.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.53.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
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14.53.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.53.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.53.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.53.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
14.53.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.54.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.54.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.54.3	IMO TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.54.4	CAPACITY 100%	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
14.54.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.54.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	<input type="text" value="n/a"/>
14.54.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.54.8	PRESSURE MONITOR		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.54.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.54.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.54.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.54.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.54.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
14.54.14	COATING DATE		<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
14.54.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.54.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.54.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>

14.54.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
14.54.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.55.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.55.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.55.3	IMO TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.55.4	CAPACITY 100%	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
14.55.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.55.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	<input type="text" value="n/a"/>
14.55.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.55.8	PRESSURE MONITOR		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.55.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.55.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.55.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.55.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.55.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
14.55.14	COATING DATE		<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
14.55.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.55.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.55.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.55.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
14.55.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.56.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.56.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.56.3	IMO TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.56.4	CAPACITY 100%	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
14.56.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.56.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	<input type="text" value="n/a"/>
14.56.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.56.8	PRESSURE MONITOR		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.56.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.56.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.56.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>

14.56.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>	
14.56.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>	
14.56.14	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
14.56.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>	
14.56.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>	
14.56.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>	
14.56.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>	
14.56.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>	
14.57.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>	
14.57.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>	
14.57.3	IMO TYPE	<input type="text"/>		<input type="text" value="n/a"/>	
14.57.4	CAPACITY 100%	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>	
14.57.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>	
14.57.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	<input type="text" value="n/a"/>	
14.57.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>	
14.57.8	PRESSURE MONITOR	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	
14.57.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>	
14.57.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>	
14.57.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>	
14.57.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>	
14.57.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>	
14.57.14	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
14.57.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>	
14.57.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>	
14.57.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>	
14.57.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>	
14.57.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>	
14.58.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>	
14.58.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>	
14.58.3	IMO TYPE	<input type="text"/>		<input type="text" value="n/a"/>	
14.58.4	CAPACITY 100%	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>	
14.58.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>	

14.58.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	<input type="text" value="n/a"/>
14.58.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.58.8	PRESSURE MONITOR	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
14.58.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.58.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.58.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.58.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.58.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
14.58.14	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.58.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.58.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.58.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.58.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
14.58.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.59.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.59.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.59.3	IMO TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.59.4	CAPACITY 100%	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
14.59.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.59.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	<input type="text" value="n/a"/>
14.59.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.59.8	PRESSURE MONITOR	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
14.59.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.59.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.59.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.59.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.59.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
14.59.14	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.59.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.59.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.59.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.59.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>

14.59.19	CLOSED SAMPLE TYPE	<input type="text"/>		n/a
14.60.1	TANK NUMBER	<input type="text"/>		n/a
14.60.2	TANK LOCATION	<input type="text"/>		n/a
14.60.3	IMO TYPE	<input type="text"/>		n/a
14.60.4	CAPACITY 100%	<input type="text"/>	Cu Meters	n/a
14.60.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	n/a
14.60.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	n/a
14.60.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.60.8	PRESSURE MONITOR		<input type="text" value="yes"/> <input type="text" value="no"/>	n/a
14.60.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.60.10	STRIPPED ROB	<input type="text"/>	Litres	n/a
14.60.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	n/a
14.60.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	n/a
14.60.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		n/a
14.60.14	COATING DATE		<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	n/a
14.60.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		n/a
14.60.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		n/a
14.60.17	LEVEL GAUGE TYPE	<input type="text"/>		n/a
14.60.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	n/a
14.60.19	CLOSED SAMPLE TYPE	<input type="text"/>		n/a
14.61.1	TANK NUMBER	<input type="text"/>		n/a
14.61.2	TANK LOCATION	<input type="text"/>		n/a
14.61.3	IMO TYPE	<input type="text"/>		n/a
14.61.4	CAPACITY 100%	<input type="text"/>	Cu Meters	n/a
14.61.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	n/a
14.61.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	n/a
14.61.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.61.8	PRESSURE MONITOR		<input type="text" value="yes"/> <input type="text" value="no"/>	n/a
14.61.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.61.10	STRIPPED ROB	<input type="text"/>	Litres	n/a
14.61.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	n/a
14.61.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	n/a

14.61.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		n/a
14.61.14	COATING DATE	<input type="text"/>	<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	n/a
14.61.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		n/a
14.61.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		n/a
14.61.17	LEVEL GAUGE TYPE	<input type="text"/>		n/a
14.61.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	n/a
14.61.19	CLOSED SAMPLE TYPE	<input type="text"/>		n/a
14.62.1	TANK NUMBER	<input type="text"/>		n/a
14.62.2	TANK LOCATION	<input type="text"/>		n/a
14.62.3	IMO TYPE	<input type="text"/>		n/a
14.62.4	CAPACITY 100%	<input type="text"/>	Cu Meters	n/a
14.62.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	n/a
14.62.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	n/a
14.62.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.62.8	PRESSURE MONITOR	<input type="text"/>	<input type="text" value="yes"/> <input type="text" value="no"/>	n/a
14.62.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.62.10	STRIPPED ROB	<input type="text"/>	Litres	n/a
14.62.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	n/a
14.62.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	n/a
14.62.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		n/a
14.62.14	COATING DATE	<input type="text"/>	<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	n/a
14.62.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		n/a
14.62.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		n/a
14.62.17	LEVEL GAUGE TYPE	<input type="text"/>		n/a
14.62.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	n/a
14.62.19	CLOSED SAMPLE TYPE	<input type="text"/>		n/a
14.63.1	TANK NUMBER	<input type="text"/>		n/a
14.63.2	TANK LOCATION	<input type="text"/>		n/a
14.63.3	IMO TYPE	<input type="text"/>		n/a
14.63.4	CAPACITY 100%	<input type="text"/>	Cu Meters	n/a
14.63.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	n/a
14.63.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	n/a

14.63.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.63.8	PRESSURE MONITOR		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.63.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.63.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.63.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.63.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.63.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
14.63.14	COATING DATE		<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
14.63.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.63.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.63.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.63.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
14.63.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.64.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.64.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.64.3	IMO TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.64.4	CAPACITY 100%	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
14.64.5	MAX. LOAD RATE	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.64.6	MAX. TANK PRESSURE	<input type="text"/>	Bar	<input type="text" value="n/a"/>
14.64.7	MAX. VENTING CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.64.8	PRESSURE MONITOR		<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
14.64.9	CARGO PUMP CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.64.10	STRIPPED ROB	<input type="text"/>	Litres	<input type="text" value="n/a"/>
14.64.11	HEATING MAX. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.64.12	COOLING MIN. TEMP	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
14.64.13	CONSTRUCTION MATERIAL OR COATING	<input type="text"/>		<input type="text" value="n/a"/>
14.64.14	COATING DATE		<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
14.64.15	HIGH LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.64.16	HI/HI LEVEL ALARM TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.64.17	LEVEL GAUGE TYPE	<input type="text"/>		<input type="text" value="n/a"/>
14.64.18	VAPOUR LOCKS DIAMETER	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
14.64.19	CLOSED SAMPLE TYPE	<input type="text"/>		<input type="text" value="n/a"/>

8 BALLAST TANK CAPACITIES

14.65.1	TANK NUMBER	<input type="text"/>	<input type="text"/>	n/a
14.65.2	TANK LOCATION	<input type="text"/>	<input type="text"/>	n/a
14.65.3	COATING DATE	<input type="text"/>	<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	n/a
14.65.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.66.1	TANK NUMBER	<input type="text"/>	<input type="text"/>	n/a
14.66.2	TANK LOCATION	<input type="text"/>	<input type="text"/>	n/a
14.66.3	COATING DATE	<input type="text"/>	<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	n/a
14.66.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.67.1	TANK NUMBER	<input type="text"/>	<input type="text"/>	n/a
14.67.2	TANK LOCATION	<input type="text"/>	<input type="text"/>	n/a
14.67.3	COATING DATE	<input type="text"/>	<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	n/a
14.67.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.68.1	TANK NUMBER	<input type="text"/>	<input type="text"/>	n/a
14.68.2	TANK LOCATION	<input type="text"/>	<input type="text"/>	n/a
14.68.3	COATING DATE	<input type="text"/>	<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	n/a
14.68.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.69.1	TANK NUMBER	<input type="text"/>	<input type="text"/>	n/a
14.69.2	TANK LOCATION	<input type="text"/>	<input type="text"/>	n/a
14.69.3	COATING DATE	<input type="text"/>	<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	n/a
14.69.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.70.1	TANK NUMBER	<input type="text"/>	<input type="text"/>	n/a
14.70.2	TANK LOCATION	<input type="text"/>	<input type="text"/>	n/a
14.70.3	COATING DATE	<input type="text"/>	<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	n/a
14.70.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.71.1	TANK NUMBER	<input type="text"/>	<input type="text"/>	n/a
14.71.2	TANK LOCATION	<input type="text"/>	<input type="text"/>	n/a
14.71.3	COATING DATE	<input type="text"/>	<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	n/a
14.71.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	n/a
14.72.1	TANK NUMBER	<input type="text"/>	<input type="text"/>	n/a
14.72.2	TANK LOCATION	<input type="text"/>	<input type="text"/>	n/a
14.72.3	COATING DATE	<input type="text"/>	<input type="text" value="dd"/> <input type="text" value="mm"/> <input type="text" value="yyyy"/>	n/a

14.72.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.73.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.73.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.73.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.73.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.74.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.74.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.74.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.74.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.75.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.75.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.75.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.75.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.76.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.76.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.76.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.76.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.77.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.77.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.77.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.77.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.78.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.78.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.78.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.78.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.79.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.79.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.79.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.79.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.80.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.80.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.80.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>

14.80.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.81.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.81.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.81.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.81.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.82.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.82.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.82.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.82.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.83.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.83.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.83.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.83.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.84.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.84.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.84.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.84.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.85.1	TANK NUMBER	<input type="text"/>		<input type="text" value="n/a"/>
14.85.2	TANK LOCATION	<input type="text"/>		<input type="text" value="n/a"/>
14.85.3	COATING DATE	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>
14.85.4	CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.86	TOTAL CAPACITY	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>

9 TANK CLEANING SYSTEM

14.87	Is tank cleaning equipment fixed in cargo tanks?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
14.88	Is portable tank cleaning equipment available?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
14.89	What is the capacity of one tank cleaning machine?	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.89.1	At pressure of:	<input type="text"/>	Bar	<input type="text" value="n/a"/>
14.89.2	Duration of complete cycle	<input type="text"/>	Minutes	<input type="text" value="n/a"/>
14.89.3	Nozzle diameter	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
14.90	Tank washing pump capacity	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
14.91	Is a washing water heater fitted?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
14.91.1	What is the Max. washing water temperature?	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>

14.92	Maximum number of machines operative at pressure above	<input type="text"/>	n/a
14.93	Where there is different type of equipment used, what is the capacity and type of equipment?	<input type="text"/>	n/a

15 Chapter 15

1 GAS CARRIER INFORMATION

15.1	Does vessel have an IOPPC with Form B identifying the vessel as an oil product carrier?	<input type="text" value="yes"/>	<input type="text" value="no"/>	n/a
15.2	Do the Safety Construction and Safety Equipment Certificates identify the vessel as a 'tanker engaged in the trade of carrying oil other than crude oil'?	<input type="text" value="yes"/>	<input type="text" value="no"/>	n/a

2 CARGO INFORMATION

15.3	List products which the ship is Certified to carry	<input type="text"/>	n/a
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3 TRANSPORT AND CARRIAGE CONDITIONS

15.4	What is the Minimum allowable tank temperature?	<input type="text"/>	Degrees C	n/a
15.5	What is the Maximum Permissible tank pressure?	<input type="text"/>	KP/CM2	n/a
15.6	Lowest permissible cargo tank pressure	<input type="text"/>	KP/CM2	n/a
15.7	What are the Number of grades that can be loaded/ carried/discharged simultaneously and completely segregated without risk of contamination?	<input type="text"/>		n/a
15.8	What is the Number of Products that can be conditioned by reliquefaction simultaneously?	<input type="text"/>		n/a
15.9	State the number of natural segregations (NB: Separation must be by the removal of spools or the insertion of blanks)	<input type="text"/>		n/a
15.10	Material of Construction of Cargo Piping System	<input type="text"/>		n/a
15.11	Is Cargo piping system fitted with filters?	<input type="text" value="yes"/>	<input type="text" value="no"/>	n/a
15.11.1	If yes, can cargo piping filters be by-passed or removed?	<input type="text" value="yes"/>	<input type="text" value="no"/>	n/a
15.12	Are Expansion loops fitted?	<input type="text" value="yes"/>	<input type="text" value="no"/>	n/a
15.13	Are liquid cargo lines free of expansion bellows?	<input type="text" value="yes"/>	<input type="text" value="no"/>	n/a
15.14	Location of Booster pumps	<input type="text"/>		n/a

4 CARGO TANKS

15.15	What Type and materials of cargo tanks?	<input type="text"/>		n/a
15.16	Maximum allowable relief valve setting	<input type="text"/>	Bar guage	n/a
15.17	IMO Setting	<input type="text"/>	Bar guage	n/a
15.18	USCG Setting	<input type="text"/>	Bar guage	n/a
15.19	Safety valve set pressure - if variable give range of pilot valves	<input type="text"/>	Bar	n/a
15.19.1	If variable give range of pilot valves - from:	<input type="text"/>	Bar	n/a

15.19.2	If variable give range of pilot valves - to:	<input type="text"/>	Bar	<input type="text" value="n/a"/>
15.20	Maximum Vacuum	<input type="text"/>	KP/CM2	<input type="text" value="n/a"/>
15.21	Maximum cargo density	<input type="text"/>	KP/CM2	<input type="text" value="n/a"/>
15.22	Maximum rate of cool down	<input type="text"/>	Degrees C/Hr	<input type="text" value="n/a"/>
15.23	State any limitations regarding partially filled tanks	<input type="text"/>		<input type="text" value="n/a"/>
15.24	State allowable combinations of filled and empty tanks	<input type="text"/>		<input type="text" value="n/a"/>

5 CARGO TANK CAPACITIES

15.25.1	Tank 1 Capacity m3 (100%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.25.2	Tank 1 Butane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.25.3	Tank 1 Butane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.25.4	Tank 1 Propane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.25.5	Tank 1 Propane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.25.6	Tank 1 Ammonia Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.25.7	Tank 1 Ammonia degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.25.7.1	Specify other cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.25.8	Tank 1 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.25.9	Tank 1 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.25.10	Tank 1 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.25.11	Tank 1 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.26.1	Tank 2 Capacity m3 (100%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.26.2	Tank 2 Butane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.26.3	Tank 2 Butane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.26.4	Tank 2 Propane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.26.5	Tank 2 Propane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.26.6	Tank 2 Ammonia Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.26.7	Tank 2 Ammonia degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.26.7.1	Specify other cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.26.8	Tank 2 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.26.9	Tank 2 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.26.10	Tank 2 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.26.11	Tank 2 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.27.1	Tank 3 Capacity m3 (100%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>

15.27.2	Tank 3 Butane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.27.3	Tank 3 Butane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.27.4	Tank 3 Propane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.27.5	Tank 3 Propane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.27.6	Tank 3 Ammonia Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.27.7	Tank 3 Ammonia degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.27.7.1	Specify other cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.27.8	Tank 3 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.27.9	Tank 3 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.27.10	Tank 3 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.27.11	Tank 3 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.28.1	Tank 4 Capacity m3 (100%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.28.2	Tank 4 Butane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.28.3	Tank 4 Butane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.28.4	Tank 4 Propane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.28.5	Tank 4 Propane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.28.6	Tank 4 Ammonia Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.28.7	Tank 4 Ammonia degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.28.7.1	Specify other cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.28.8	Tank 4 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.28.9	Tank 4 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.28.10	Tank 4 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.28.11	Tank 4 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.29.1	Tank 5 Capacity m3 (100%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.29.2	Tank 5 Butane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.29.3	Tank 5 Butane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.29.4	Tank 5 Propane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.29.5	Tank 5 Propane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.29.6	Tank 5 Ammonia Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.29.7.1	Specify other cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.29.7	Tank 5 Ammonia degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.29.8	Tank 5 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>

15.29.9	Tank 5 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.29.10	Tank 5 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.29.11	Tank 5 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.30.1	Tank 6 Capacity m3 (100%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.30.2	Tank 6 Butane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.30.3	Tank 6 Butane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.30.4	Tank 6 Propane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.30.5	Tank 6 Propane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.30.6	Tank 6 Ammonia Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.30.7	Tank 6 Ammonia degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.30.7.1	Specify other cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.30.8	Tank 6 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.30.9	Tank 6 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.30.10	Tank 6 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.30.11	Tank 6 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.31.1	Tank 7 Capacity m3 (100%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.31.2	Tank 7 Butane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.31.3	Tank 7 Butane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.31.4	Tank 7 Propane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.31.5	Tank 7 Propane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.31.6	Tank 7 Ammonia Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.31.7	Tank 7 Ammonia degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.31.7.1	Specify other cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.31.8	Tank 7 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.31.9	Tank 7 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.31.10	Tank 7 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.31.11	Tank 7 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.32.1	Tank 8 Capacity m3 (100%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.32.2	Tank 8 Butane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.32.3	Tank 8 Butane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.32.4	Tank 8 Propane Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.32.5	Tank 8 Propane degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>

15.32.6	Tank 8 Ammonia Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.32.7	Tank 8 Ammonia degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.32.7.1	Specify other cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.32.8	Tank 8 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.32.9	Tank 8 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.32.10	Tank 8 "other" Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.32.11	Tank 8 "other" degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.33	Total Capacity of all tanks (100%)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.34	Total Capacity of all Butane tanks Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.35	Total Capacity of all Propane tanks Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.36	Total Capacity of all Ammonia tanks Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.37	Total Capacity of all "other" tanks Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>
15.38	Total Capacity of all "other" tanks Tonnes	<input type="text"/>	Tonnes	<input type="text" value="n/a"/>

6 LOADING RATES

15.39	From Refrigerated Storage			<input type="text" value="n/a"/>
15.39.1	Butane - Rate (tonnes/hr) with vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.39.2	Butane - Rate (tonnes/hr) without vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.39.3	Propane - Rate (tonnes/hr) with vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.39.4	Propane - Rate (tonnes/hr) without vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.39.5	Ammonia - Rate (tonnes/hr) with vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.39.6	Ammonia - Rate (tonnes/hr) without vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.39.7	"other" - Rate (tonnes/hr) with vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.39.7.1	Specify other cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.39.8	"other" - Rate (tonnes/hr) without vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.39.9	"other" - Rate (tonnes/hr) with vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.39.10	"other" - Rate (tonnes/hr) without vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.40	From Pressure Storage			<input type="text" value="n/a"/>
15.40.1	Butane 0-30deg C - Rate (tonnes/hr) with vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.40.2	Butane 0-30deg C - Rate (tonnes/hr) without vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.40.3	Propane 0 deg C - Rate (tonnes/hr) with vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.40.4	Propane 0 deg C - Rate (tonnes/hr) without vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.40.5	Propane 10 deg C - Rate (tonnes/hr) with vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>

15.40.6	Propane 10 deg C - Rate (tonnes/hr) without vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.40.7	Propane 20 deg C - Rate (tonnes/hr) with vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.40.8	Propane 20 deg C - Rate (tonnes/hr) without vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.40.9	Propane 30 deg C - Rate (tonnes/hr) with vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.40.10	Propane 30 deg C - Rate (tonnes/hr) without vapor return	<input type="text"/>	Tonnes/Hour	<input type="text" value="n/a"/>
15.41	Special remarks	<input type="text"/>		<input type="text" value="n/a"/>

7 DISCHARGING - GENERAL

15.42	Cargo Pumps			<input type="text" value="n/a"/>
15.42.1	Type of Cargo Pumps	<input type="text"/>		<input type="text" value="n/a"/>
15.42.2	Number of pumps per tank	<input type="text"/>		<input type="text" value="n/a"/>
15.42.3	Rate per Pump m3/hr	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
15.42.4	At Delivery Head mlc	<input type="text"/>	Meters liquid column	<input type="text" value="n/a"/>
15.42.5	Maximum density kg/m3	<input type="text"/>	KG/Cu Meter	<input type="text" value="n/a"/>
15.43	Booster Pump	<input type="text"/>		<input type="text" value="n/a"/>
15.43.1	Type of Booster Pumps	<input type="text"/>		<input type="text" value="n/a"/>
15.43.2	Number of pumps per tank	<input type="text"/>		<input type="text" value="n/a"/>
15.43.3	Rate per Pump m3/hr	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
15.43.4	At Delivery Head mlc	<input type="text"/>	Meters liquid column	<input type="text" value="n/a"/>
15.43.5	Maximum density kg/m3	<input type="text"/>	KG/Cu Meter	<input type="text" value="n/a"/>

8 DISCHARGE PERFORMANCE

15.44	Full Cargo Discharge Times (using all main pumps)			<input type="text" value="n/a"/>
15.44.1	Fully Refrigerated			<input type="text" value="n/a"/>
15.44.1.1	Hours (Back Press 1 kP/cm2) with vapor return	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.44.1.2	Hours (Back Press 1 kP/cm2) without vapor return	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.44.1.3	Hours (Back Press 5 kP/cm2) with vapor return	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.44.1.4	Hours (Back Press 5 kP/cm2) without vapor return	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.44.1.5	Hours (Back Press 10 kP/cm2) with vapor return	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.44.1.6	Hours (Back Press 10 kP/cm2) without vapor return	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.44.2	Pressurized			<input type="text" value="n/a"/>
15.44.2.1	Hours (Back Press 1 kP/cm2) with vapor return	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.44.2.2	Hours (Back Press 1 kP/cm2) without vapor return	<input type="text"/>	Hours	<input type="text" value="n/a"/>

15.44.2.3	Hours (Back Press 5 kP/cm2) with vapor return	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.44.2.4	Hours (Back Press 5 kP/cm2) without vapor return	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.44.2.5	Hours (Back Press 10 kP/cm2) with vapor return	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.44.2.6	Hours (Back Press 10 kP/cm2) without vapor return	<input type="text"/>	Hours	<input type="text" value="n/a"/>

9 UNPUMPABLES

15.45	Tank 1 (m3)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.46	Tank 2 (m3)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.47	Tank 3 (m3)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.48	Tank 4 (m3)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.49	Tank 5 (m3)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.50	Tank 6 (m3)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.51	Tank 7 (m3)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.52	Tank 8 (m3)	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.53	Total	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>

10 VAPORIZING UNPUMPABLES

15.54	Process used	<input type="text"/>		<input type="text" value="n/a"/>
15.55	Time to vaporize liquid unpumpables remaining after full cargo discharge - Propane	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.56	Time to vaporize liquid unpumpables remaining after full cargo discharge - Butane	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.57	Time to vaporize liquid unpumpables remaining after full cargo discharge - Ammonia	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.58	Specify other cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.58.1	Time to vaporize liquid unpumpables remaining after full cargo discharge - Other	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.59	Specify other cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.59.1	Time to vaporize liquid unpumpables remaining after full cargo discharge - Other	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.60	Specify other cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.60.1	Time to vaporize liquid unpumpables remaining after full cargo discharge - Other	<input type="text"/>	Hours	<input type="text" value="n/a"/>

11 RELIQUEFACTION PLANT

15.61	Plant Design Conditions - air temperature degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.61.1	Plant Design Conditions - sea temperature degrees C	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.62	Is the plant single stage/direct?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
15.62.1	Is the plant two stage/direct?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

15.62.2	Is the plant simple cascade?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.63	Coolant type	<input type="text"/>		<input type="checkbox"/> n/a
15.64	Compressor type	<input type="text"/>		<input type="checkbox"/> n/a
15.64.1	Compressor makers name	<input type="text"/>		<input type="checkbox"/> n/a
15.64.2	Number of compressors	<input type="text"/>		<input type="checkbox"/> n/a
15.64.3	Capacity per unit	<input type="text"/>	Cu Meter/Hour	<input type="checkbox"/> n/a
15.64.4	Are they Oil Free?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a

12 COOLING CAPACITY

15.65.1	State Cooling capacity for Propane @ -42 degrees C	<input type="text"/>	KCal/Hour	<input type="checkbox"/> n/a
15.65.2	State Cooling capacity for Propane @ -20 degrees C	<input type="text"/>	KCal/Hour	<input type="checkbox"/> n/a
15.65.3	State Cooling capacity for Propane @ -5 degrees C	<input type="text"/>	KCal/Hour	<input type="checkbox"/> n/a
15.66.1	State Cooling capacity for Butane @ -42 degrees	<input type="text"/>	KCal/Hour	<input type="checkbox"/> n/a
15.66.2	State Cooling capacity for Butane @ -20 degrees C	<input type="text"/>	KCal/Hour	<input type="checkbox"/> n/a
15.66.3	State Cooling capacity for Butane @ -5 degrees C	<input type="text"/>	KCal/Hour	<input type="checkbox"/> n/a

13 CARGO TEMPERATURE LOWERING CAPABILITY

15.67	Time taken to lower the temperature of:	<input type="text"/>		<input type="checkbox"/> n/a
15.67.1.1	Propane from degrees C to - 42 degrees C	<input type="text"/>	Degrees C	<input type="checkbox"/> n/a
15.67.1.2	Hours	<input type="text"/>	Hours	<input type="checkbox"/> n/a
15.67.1.3	Propane from -5 degrees C to - 42degrees C	<input type="text"/>	Hours	<input type="checkbox"/> n/a
15.67.1.4	Propane from -38 degrees C to - 42degrees C	<input type="text"/>	Hours	<input type="checkbox"/> n/a
15.67.1.5	Propane from +20 degrees C to - 0.5degrees C	<input type="text"/>	Hours	<input type="checkbox"/> n/a
15.67.1.6	Propane from +10 degrees C to -0.5degrees C	<input type="text"/>	Hours	<input type="checkbox"/> n/a
15.67.2.1	Butane from +20 degrees C to -0.5degreesC	<input type="text"/>	Hours	<input type="checkbox"/> n/a
15.67.2.2	Butane from +10 degrees C to -0.5degreesC	<input type="text"/>	Hours	<input type="checkbox"/> n/a
15.67.2.3	Butane from +10 degrees C to -5degreesC	<input type="text"/>	Hours	<input type="checkbox"/> n/a
15.67.3.1	Cargo	<input type="text"/>		<input type="checkbox"/> n/a
15.67.3.2	From	<input type="text"/>	Degrees C	<input type="checkbox"/> n/a
15.67.3.3	To	<input type="text"/>	Degrees C	<input type="checkbox"/> n/a
15.67.3.4	Hours	<input type="text"/>	Hours	<input type="checkbox"/> n/a
15.67.4.1	Cargo	<input type="text"/>		<input type="checkbox"/> n/a
15.67.4.2	From	<input type="text"/>	Degrees C	<input type="checkbox"/> n/a

15.67.4.3	To	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.67.4.4	Hours	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.67.5.1	Cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.67.5.2	From	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.67.5.3	To	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.67.5.4	Hours	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.67.6.1	Cargo	<input type="text"/>		<input type="text" value="n/a"/>
15.67.6.2	From	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.67.6.3	To	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.67.6.4	Hours	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.68	Is there an emergency discharge method available?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
15.68.1	If yes, the method is:	<input type="text"/>		<input type="text" value="n/a"/>
15.69	Sample points are provided for vapour	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
15.69.1	Sample points are provided for liquid	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>

14 DECK TANK CAPACITIES

15.70	Are Deck pressure tanks fitted ?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>
15.71	Propane Capacity	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.72	Butane Capacity	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.73	Ammonia Capacity	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.74	Maximum allowable relief valve setting	<input type="text"/>	Bar guage	<input type="text" value="n/a"/>
15.75	Material of tank	<input type="text"/>		<input type="text" value="n/a"/>

15 PRE-LOADING COOLDOWN

15.76.1	Propane - Quantity of Coolant Required	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.76.2	Propane - Time required to cooldown cargo tanks from ambient temperature with vapour return line	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.76.3	Propane - Time required to cooldown cargo tanks from ambient temperature without vapour return line	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.77.1	Butane - Quantity of Coolant Required	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.77.2	Butane - Time required to cooldown cargo tanks from ambient temperature with vapour return line	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.77.3	Butane - Time required to cooldown cargo tanks from ambient temperature without vapour return line	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.78.1	Ammonia - Quantity of Coolant Required	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.78.2	Ammonia - Time required to cooldown cargo tanks from ambient temperature with vapour return line	<input type="text"/>	Hours	<input type="text" value="n/a"/>

15.78.3	Ammonia - Time required to cooldown cargo tanks from ambient temperature without vapour return line	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.79.1	VCM - Quantity of Coolant Required	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.79.2	VCM - Time required to cooldown cargo tanks from ambient temperature without vapour return line	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.79.3	VCM - Time required to cooldown cargo tanks from ambient temperature with vapour return line	<input type="text"/>	Hours	<input type="text" value="n/a"/>

16 VAPORISER

15.80	Type of Vaporiser	<input type="text"/>		<input type="text" value="n/a"/>
15.81	Number of Vaporisers fitted	<input type="text"/>		<input type="text" value="n/a"/>
15.82.1	Capacity per unit - Propane	<input type="text"/>	Cu Meter/Hour vapour	<input type="text" value="n/a"/>
15.82.2	Liquid Supply Rate	<input type="text"/>	Cu Meter/Hour liquid	<input type="text" value="n/a"/>
15.82.3	Delivery Temperature	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.83.1	Capacity per unit - Ammonia	<input type="text"/>	Cu Meter/Hour vapour	<input type="text" value="n/a"/>
15.83.2	Liquid Supply Rate	<input type="text"/>	Cu Meter/Hour liquid	<input type="text" value="n/a"/>
15.83.3	Delivery Temperature	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.84.1	Capacity per unit - Nitrogen	<input type="text"/>	Cu Meter/Hour vapour	<input type="text" value="n/a"/>
15.84.2	Liquid Supply Rate	<input type="text"/>	Cu Meter/Hour liquid	<input type="text" value="n/a"/>
15.84.3	Delivery Temperature	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>

17 BLOWER

15.85	Type of Blower	<input type="text"/>		<input type="text" value="n/a"/>
15.85.1	Rated Capacity	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
15.85.2	Delivery Pressure	<input type="text"/>	KP/CM2	<input type="text" value="n/a"/>

18 CARGO RE-HEATER

15.86	Type of Re-Heater	<input type="text"/>		<input type="text" value="n/a"/>
15.86.1	Number Fitted	<input type="text"/>		<input type="text" value="n/a"/>
15.86.2	Heating Medium	<input type="text"/>		<input type="text" value="n/a"/>
15.87.1	Discharge rates with sea water at 15 degrees C to raise product temperature of Propane from -42 degrees C to -5 degrees C	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>
15.87.2	Discharge rates with sea water at 15 degrees C to raise product temperature of Ammonia from -42 degrees C to -5 degrees C	<input type="text"/>	Cu Meter/Hour	<input type="text" value="n/a"/>

19 HYDRATE CONTROL

15.88	What is the type of Depressant?	<input type="text"/>		<input type="text" value="n/a"/>
15.89	What is the freezing point temperature?	<input type="text"/>	Degrees C	<input type="text" value="n/a"/>
15.90	What is the Quantity of Depressant Carried?	<input type="text"/>	Litres	<input type="text" value="n/a"/>

15.91	What is the means of injection?	<input type="text"/>	<input type="text" value="n/a"/>
15.92	Name any other system used	<input type="text"/>	<input type="text" value="n/a"/>
15.93	Is there an Additional pressure relief system fitted?	<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
15.94	Is Emergency cargo jettison provided?	<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
15.95	If yes, can Emergency cargo jettisoning be isolated from the cargo system when not in use?	<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>

20 CARGO MEASUREMENT

15.96 Level Gauges

15.96.1	Are level gauges local or remote?	<input type="text"/>	<input type="text" value="n/a"/>
15.96.2	Name of manufacture	<input type="text"/>	<input type="text" value="n/a"/>
15.96.3	Type	<input type="text"/>	<input type="text" value="n/a"/>
15.96.4	Rated Accuracy	<input type="text"/> Percent	<input type="text" value="n/a"/>
15.96.5	Certifying Authority	<input type="text"/>	<input type="text" value="n/a"/>
15.96.6	Are slip tubes installed?	<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>

15.97 Temperature Gauges

15.97.1	Name of manufacture	<input type="text"/>	<input type="text" value="n/a"/>
15.97.2	Type	<input type="text"/>	<input type="text" value="n/a"/>
15.97.3	Rated Accuracy	<input type="text"/> Percent	<input type="text" value="n/a"/>
15.97.4	Certifying Authority	<input type="text"/>	<input type="text" value="n/a"/>

15.98 Pressure Gauges

15.98.1	Name of manufacture	<input type="text"/>	<input type="text" value="n/a"/>
15.98.2	Type	<input type="text"/>	<input type="text" value="n/a"/>
15.98.3	Rated Accuracy	<input type="text"/> Percent	<input type="text" value="n/a"/>
15.98.4	Certifying Authority	<input type="text"/>	<input type="text" value="n/a"/>

15.99 Oxygen Analyser

15.99.1	Name of manufacture	<input type="text"/>	<input type="text" value="n/a"/>
15.99.2	Type	<input type="text"/>	<input type="text" value="n/a"/>
15.99.3	What is the lowest level measurable?	<input type="text"/> Percent	<input type="text" value="n/a"/>

15.100 Fixed Gas Analyser

15.100.1	Name of manufacture	<input type="text"/>	<input type="text" value="n/a"/>
15.100.2	Type	<input type="text"/>	<input type="text" value="n/a"/>
15.101	Are Cargo tank calibration tables available?	<input type="text" value="yes"/> <input type="text" value="no"/>	<input type="text" value="n/a"/>
15.101.1	Name of Measuring Company	<input type="text"/>	<input type="text" value="n/a"/>

15.101.2	Name of Certifying Authority	<input type="text"/>		n/a
15.102.1	Calibration calculated to cm?	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.102.2	Calibration calculated to 1/2 cm?	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.103.1	Tables established to cm?	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.103.2	Tables established to mm?	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.103.3	Tables established to "other"	<input type="text"/>		<input type="button" value="n/a"/>
15.104	Are trim and list corrections available?	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.105	Are temperature corrections available?	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.106	Are float gauge tape corrections available?	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>

21 CARGO SAMPLING

15.107	Indicate whether cargo samples may be obtained from the levels specified:			<input type="button" value="n/a"/>
15.107.1.1	Tank 1 top	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.1.2	Tank 1 middle	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.1.3	Tank 1 bottom	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.2.1	Tank 2 top	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.2.2	Tank 2 middle	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.2.3	Tank 2 bottom	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.3.1	Tank 3 top	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.3.2	Tank 3 middle	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.3.3	Tank 3 bottom	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.4.1	Tank 4 top	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.4.2	Tank 4 middle	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.4.3	Tank 4 bottom	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.5.1	Tank 5 top	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.5.2	Tank 5 middle	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.5.3	Tank 5 bottom	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.6.1	Tank 6 top	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.6.2	Tank 6 middle	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.6.3	Tank 6 bottom	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.7.1	Tank 7 top	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.7.2	Tank 7 middle	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>
15.107.7.3	Tank 7 bottom	<input type="button" value="yes"/>	<input type="button" value="no"/>	<input type="button" value="n/a"/>

15.107.8.1	Tank 8 top	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.107.8.2	Tank 8 middle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.107.8.3	Tank 8 bottom	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.108	Can samples be drawn from tank vapour outlet?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.109	Can samples be drawn from manifold liquid line?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.110	Can samples be drawn from manifold vapour line?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.111	Can samples be drawn from pump discharge line?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.112	State sample connection type	<input type="text"/>		<input type="checkbox"/>
15.112.1	State sample connection size	<input type="text"/>	Millimeters	<input type="checkbox"/>
15.113	Number of ESD actuation points	<input type="text"/>		<input type="checkbox"/>

22 CONNECTIONS TO SHORE FOR ESD AND COMMUNICATIONS SYSTEMS

15.114	Is ESD connection to shore available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.114.1	If yes, is the system pneumatic?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.114.2	If yes, is the system electrical?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.114.3	If yes, is the system fiber optic?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.115	What is the type of plug used?	<input type="text"/>		<input type="checkbox"/>
15.116	Are ESD hoses or cables available on board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.116.1	If yes, length of pneumatic	<input type="text"/>	Millimeters	<input type="checkbox"/>
15.116.2	If yes, length of electrical	<input type="text"/>	Millimeters	<input type="checkbox"/>
15.116.3	If yes, length of fiber optic	<input type="text"/>	Millimeters	<input type="checkbox"/>
15.117	Is there a connection available for a telephone line?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.118	Are ESD connections available on both sides of vessel?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.118.1	Are ESD Fusible plugs fitted at tank domes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.118.2	Are ESD Fusible plugs fitted at manifolds?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.119	Is the link compatible with the SIGTTO guidelines?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.120	Type of manifold valve	<input type="text"/>		<input type="checkbox"/>
15.120.1	Closing time in seconds	<input type="text"/>	Seconds	<input type="checkbox"/>
15.120.2	Is closing time adjustable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.121	Is Independent high level shut down system fitted(overflow control)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.121.1	If yes, does the independent high level shutdown system also switch off running cargo pumps?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.122	Shut down level %	<input type="text"/>	Percent	<input type="checkbox"/>

23 INERT GAS

15.123	Main IG Plant			n/a
15.123.1	Type of system	<input type="text"/>		n/a
15.123.2	Capacity	<input type="text"/>	Cu Meter/Hour	n/a
15.123.3	Type of fuel used	<input type="text"/>		n/a
15.123.4	Composition of IG - oxygen	<input type="text"/>	Percent	n/a
15.123.5	Composition of IG - CO2	<input type="text"/>	Percent	n/a
15.123.6	Composition of IG - Nox	<input type="text"/>	Percent	n/a
15.123.7	Composition of IG - N2	<input type="text"/>	Percent	n/a
15.123.8	Lowest dewpoint achievable	<input type="text"/>	Degrees C	n/a
15.123.9	Used for	<input type="text"/>		n/a
15.124	Auxiliary IG or Nitrogen plant			n/a
15.124.1	Type of System	<input type="text"/>		n/a
15.124.2	Capacity	<input type="text"/>	Cu Meter/Hour	n/a
15.124.3	Composition of IG - oxygen	<input type="text"/>	Percent	n/a
15.124.4	Composition of IG - CO2	<input type="text"/>	Percent	n/a
15.124.5	Composition of IG - Nox	<input type="text"/>	Percent	n/a
15.124.6	Composition of IG - N2	<input type="text"/>	Percent	n/a
15.124.7	Lowest dewpoint achievable	<input type="text"/>	Degrees C	n/a
15.124.8	Used for	<input type="text"/>		n/a
15.125	Nitrogen			n/a
15.125.1	Liquid storage capacity	<input type="text"/>	Cu Meters	n/a
15.125.2	Daily boil-off loss	<input type="text"/>	Cu Meters	n/a
15.125.3	Maximum supply pressure	<input type="text"/>	KP/CM3	n/a
15.125.4	Supply capacity	<input type="text"/>	Cu Meter/Hour	n/a
15.125.5	Used for	<input type="text"/>		n/a

24 CARGO TANK INERTING/DE-INERTING

15.126	What is the time taken to inert from fresh air to under 5% O2 at -25 degree C?	<input type="text"/>	Hours	n/a
15.127	What is the time taken to inert from cargo vapour to fully inert at -25 degrees dewpoint when IG density is less than product?	<input type="text"/>	Hours	n/a
15.128	What is the time taken to inert from cargo vapour to fully inert at -25 degrees dewpoint when IG density is greater than product?	<input type="text"/>	Hours	n/a

15.129	Do relief valves discharging liquid cargo from the cargo piping system , discharge to the cargo vent mast?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.129.1	If yes, is the vent mast equipped with liquid sensor and alarm?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.129.2	If yes, does the alarm activate the pump stop?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.130	Is there one ESD valve per manifold?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.130.1	If no, the arrangement is:	<input type="text"/>		
15.131	Is a hand operated valve fitted outboard of the manifold ESD valve?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.132	Does inert gas piping pass through accommodation spaces, service spaces or control stations?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.133	Can the Inert Gas System be fully segregated from the cargo system?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.134	Are liquid drains fitted in cargo piping?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.135	Are purge points fitted?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.136	Are local pressure gauges fitted outboard of the manifold valves?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.137	Is a temperature sensor fitted at or near the manifold?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.138	Is a cargo compressor room fitted?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.140	Is protective equipment for the protection of crew members available on board?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.140.1	When required by the Gas Code, is respiratory and eye protection for every person on board available for emergency escape purposes?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.140.2	Are two additional sets of respiratory and eye protection available on the navigating bridge?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.141	Is there a permanently installed system of gas detection fitted?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
15.141.1	Is the gas detection system fitted with high and low sampling heads/sensors?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a

25 GAS FREEING TO FRESH AIR

15.142	Plant used	<input type="text"/>		
15.143	What is the time taken from fully inert condition to fully breathable fresh air?	<input type="text"/>	Hours	<input type="checkbox"/> n/a

26 CHANGING CARGO GRADES

15.144	Indicate number of hours needed to change grades from the removal of pumpables to tanks fit to load and the quantity of inert gas consumed during the operation	<input type="checkbox"/> n/a		
15.144.1.1	From propane to butane	<input type="text"/>	Hours	<input type="checkbox"/> n/a
15.144.1.2	From propane to butane	<input type="text"/>	Cu Meters	<input type="checkbox"/> n/a
15.144.1.3	From propane to ammonia	<input type="text"/>	Hours	<input type="checkbox"/> n/a
15.144.1.4	From propane to ammonia	<input type="text"/>	Cu Meters	<input type="checkbox"/> n/a
15.144.1.5	From propane to VCM	<input type="text"/>	Hours	<input type="checkbox"/> n/a
15.144.1.6	From propane to VCM	<input type="text"/>	Cu Meters	<input type="checkbox"/> n/a

15.144.2.1	From butane to propane	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.144.2.2	From butane to propane	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.144.2.3	From butane to ammonia	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.144.2.4	From butane to ammonia	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.144.2.5	From butane to VCM	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.144.2.6	From butane to VCM	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.144.3.1	From ammonia to propane	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.144.3.2	From ammonia to propane	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.144.3.3	From ammonia to butane	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.144.3.4	From ammonia to butane	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.144.3.5	From ammonia to VCM	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.144.3.6	From ammonia to VCM	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.144.4	Restrictions	<input type="text"/>		<input type="text" value="n/a"/>
15.144.5.1	From VCM to propane	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.144.5.2	From VCM to propane	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.144.5.3	From VCM to butane	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.144.5.4	From VCM to butane	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.144.5.5	From VCM to ammonia	<input type="text"/>	Hours	<input type="text" value="n/a"/>
15.144.5.6	From VCM to ammonia	<input type="text"/>	Cu Meters	<input type="text" value="n/a"/>
15.144.6	Note any operations that cannot be carried out at sea	<input type="text"/>		<input type="text" value="n/a"/>

27 CARGO MANIFOLD

15.145	Center of manifold to bow	<input type="text"/>	Meters	<input type="text" value="n/a"/>
15.146	Center of manifold to stern	<input type="text"/>	Meters	<input type="text" value="n/a"/>
15.147.1	Dimension A	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.147.2	Dimension B	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.147.3	Dimension C	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.147.4	Dimension D	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.147.5	Dimension E	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.147.6	Dimension F	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.147.7	Dimension G	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.147.8	Dimension H	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>

15.148.1	Pipe Flange A - duty	<input type="text"/>		n/a
15.148.2	Pipe Flange A - rating	<input type="text"/>	Bar	n/a
15.148.3	Pipe Flange A - size	<input type="text"/>	Millimeters	n/a
15.148.4	Pipe Flange A raised or flat face	<input type="text"/>		n/a
15.149.1	Pipe Flange B - duty	<input type="text"/>		n/a
15.149.2	Pipe Flange B - rating	<input type="text"/>	Bar	n/a
15.149.3	Pipe Flange B - size	<input type="text"/>	Millimeters	n/a
15.149.4	Pipe Flange B raised or flat face	<input type="text"/>		n/a
15.150.1	Pipe Flange C - duty	<input type="text"/>		n/a
15.150.2	Pipe Flange C - rating	<input type="text"/>	Bar	n/a
15.150.3	Pipe Flange C - size	<input type="text"/>	Millimeters	n/a
15.150.4	Pipe Flange C raised or flat face	<input type="text"/>		n/a
15.151.1	Pipe Flange D - duty	<input type="text"/>		n/a
15.151.2	Pipe Flange D - rating	<input type="text"/>	Bar	n/a
15.151.3	Pipe Flange D - size	<input type="text"/>	Millimeters	n/a
15.151.4	Pipe Flange D raised or flat face	<input type="text"/>		n/a
15.152.1	Pipe Flange E - duty	<input type="text"/>		n/a
15.152.2	Pipe Flange E - rating	<input type="text"/>	Bar	n/a
15.152.3	Pipe Flange E - size	<input type="text"/>	Millimeters	n/a
15.152.4	Pipe Flange E raised or flat face	<input type="text"/>		n/a
15.153.1	Pipe Flange F - duty	<input type="text"/>		n/a
15.153.2	Pipe Flange F - rating	<input type="text"/>	Bar	n/a
15.153.3	Pipe Flange F - size	<input type="text"/>	Millimeters	n/a
15.153.4	Pipe Flange F raised or flat face	<input type="text"/>		n/a
15.154.1	Pipe Flange G - duty	<input type="text"/>		n/a
15.154.2	Pipe Flange G - rating	<input type="text"/>	Bar	n/a
15.154.3	Pipe Flange G - size	<input type="text"/>	Millimeters	n/a
15.154.4	Pipe Flange G raised or flat face	<input type="text"/>		n/a
15.155.1	Pipe Flange H - duty	<input type="text"/>		n/a
15.155.2	Pipe Flange H - rating	<input type="text"/>	Bar	n/a
15.155.3	Pipe Flange H - size	<input type="text"/>	Millimeters	n/a
15.155.4	Pipe Flange H raised or flat face	<input type="text"/>		n/a

15.156	Height above uppermost continuous deck	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.157	Distance from ship side	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.158	Height above load waterline	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.159	Height above light waterline	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>

28 MANIFOLD ARRANGEMENT LOCATED ON TOP OF COMPRESSOR

15.160	Distance from rail of compressor room/platform to presentation flanges	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.161	Distance from deck of compressor room/platform/try to centre of manifold	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>

29 CARGO MANIFOLD REDUCERS

15.162.1	Number of ANSI Class 300 reducers carried onboard	<input type="text"/>		<input type="text" value="n/a"/>
15.162.2	Flange rating of ANSI Class 300 reducer	<input type="text"/>	Bar	<input type="text" value="n/a"/>
15.162.3	Size of ANSI Class 300 reducer	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.162.4	Length of ANSI Class 300 reducer	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.163.1	Number of ANSI Class 300 to Class 150 reducers carried onboard	<input type="text"/>		<input type="text" value="n/a"/>
15.163.2	Flange rating of ANSI Class 300 to Class 150 reducer	<input type="text"/>	Bar	<input type="text" value="n/a"/>
15.163.3	Size of ANSI Class 300 to Class 150 reducer	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.163.4	Length of ANSI Class 300 to Class 150 reducer	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.164.1	Number of ANSI Class 150 reducers carried onboard	<input type="text"/>		<input type="text" value="n/a"/>
15.164.2	Flange rating of Class 150 reducer	<input type="text"/>	Bar	<input type="text" value="n/a"/>
15.164.3	Size of ANSI Class 150 reducer	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>
15.164.4	Length of ANSI Class 150 reducer	<input type="text"/>	Millimeters	<input type="text" value="n/a"/>

16 Chapter 16

1 OBO / OO /COB CARRIERS

16.1	State design of hatches	<input type="text"/>		<input type="text" value="n/a"/>	
16.2	State type of hatches	<input type="text"/>		<input type="text" value="n/a"/>	
16.3	State if hatches fitted with single or double seals in hatch coaming	<input type="text"/>		<input type="text" value="n/a"/>	
16.4	Last date cargo holds/tanks were tested to normal working pressure (min.500mm wg) to prove gas tightness of hatches	<input type="text" value="dd"/>	<input type="text" value="mm"/>	<input type="text" value="yyyy"/>	<input type="text" value="n/a"/>
16.5	Were the hatches proven to be gas tight?	<input type="text" value="yes"/>	<input type="text" value="no"/>	<input type="text" value="n/a"/>	