

INTERTANKO CHARTERING QUESTIONNAIRE 88 - OIL/CHEMICAL

1.	GENERAL INFORMATION		
1.1	Date updated:	Mar 10, 2023	
1.2	Vessel's name (IMO number):	Sea Phantom (9326653)	
1.3	Vessel's previous name(s) and date(s) of change:	Not Applicable	
1.4	Date delivered/Builder (where built):	Mar 20, 2008/21st Century Shipbuilding Co S.A./Korea	
1.5	Flag/Port of Registry:	Marshall Islands/Majuro	
1.6	Call sign/MMSI:	V70C8/538003061	
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: +870773911180 - +302111988402 Fax: + 870783996407 Email: seaphantom@vsl.pc-gm.com	
1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC):	Oil Tanker	
1.9	Type of hull:	Double Hull	
Ownership and Operation			
1.10	Registered owner - Full style:	Sea Phantom Shipholding SA Trust Company, Ajetake Island, Ajetake Road Majuro, MH96960 Marshall Islands Tel: +30 210 9310490 Email: info@pc-gm.com	
1.11	Technical operator - Full style:	Petrochem General Management SA Syngrou Avenue 201, 171 21 Nea Smyrni Greece Tel: +30 210 9310490 / 91 / 92 Fax: +30 210 9346198 Telex: NA Email: marine-vetting@pc-gm.com Company IMO#: 5536504	
1.12	Commercial operator - Full style:	Petrochem General Management SA Syngrou Avenue 201, 171 21 Nea Smyrni Greece Tel: +30 210 9310490 / 91 / 92 Fax: +30 210 9346198 Telex: NA Email: info@pc-gm.com	
1.13	Disponent owner - Full style:		
Insurance			
1.14	P & I Club - Full Style:	WEST OF ENGLAND Tower Bridge Court, 226 Tower Bridge Road, London SE1 2UP Tel: +(44) (0)20 7716 6000 Fax: +(44) (0)20 7716 6100 Email: mail@westpandi.com	
1.15	P & I Club pollution liability coverage/expiration date:	1,000,000,000 US\$	Feb 20, 2024
1.16	Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)	Willis Towers Watson	
1.17	Hull & Machinery insured value/expiration date:	16,250,000 US\$	May 31, 2023
Classification			
1.18	Classification society:	Bureau Veritas	
1.19	Class notation:	I HULL MACH, Oil tanker ESP Chemical tanker ESP, Unrestricted navigation, AUT-UMS, ALP, VCS, IG	
1.20	Is the vessel subject to any conditions of class, class extensions, outstanding memorandums		

	or class recommendations? If yes, give details:				
1.21	If classification society changed, name of previous and date of change:			American Bureau of Shipping, Mar 12, 2018	
1.22	Does the vessel have ice class? If yes, state what level:			No, Not Applicable	
1.23	Date/place of last dry-dock:			Jun 25, 2018/DRYDOCKS WORLD - DUBAI	
1.24	Date next dry dock due/next annual survey due:			Mar 19, 2023 Mar 19, 2023	
1.25	Date of last special survey/next special survey due:			Jun 25, 2018 Jun 25, 2023	
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:			No,	
Dimensions					
1.27	Length overall (LOA):			128.60 Metres	
1.28	Length between perpendiculars (LBP):			120.86 Metres	
1.29	Extreme breadth (Beam):			20.43 Metres	
1.30	Moulded depth:			11.50 Metres	
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:			40.83 Metres	
1.32	Distance bridge front to center of manifold:			40.25 Metres	
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):			60.87 Metres 67.73 Metres	
1.34	Parallel body distances	Lightship	Normal Ballast	Summer Dwt	
	Forward to mid-point manifold:	18.50 Metres	25.80 Metres	30.40 Metres	
	Aft to mid-point manifold:	29 Metres	34.60 Metres	41.20 Metres	
	Parallel body length:	47.50 Metres	60.40 Metres	71.60 Metres	
Tonnages					
1.35	Net Tonnage:			4,173	
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):			8,503 6,978	
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):			8,960.14 6,815	
1.38	Panama Canal Net Tonnage (PCNT):			7,208	
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	2.81 Metres	8.71 Metres	13,071.57 Metric Tonnes	17,472.38 Metric Tonnes
	Winter:	2.99 Metres	8.53 Metres	12,561.31 Metric Tonnes	16,962.12 Metric Tonnes
	Tropical:	2.63 Metres	8.89 Metres	13,492.60 Metric Tonnes	17,893.41 Metric Tonnes
	Lightship:	9.03 Metres	2.49 Metres	-	4,400.81 Metric Tonnes
	Normal Ballast Condition:	6 Metres	5.52 Metres	6,058.72 Metric Tonnes	10,459.81 Metric Tonnes
	Segregated Ballast Condition:	6 Metres	5.52 Metres	6,058.72 Metric Tonnes	10,459.81 Metric Tonnes
1.40	FWA/TPC at summer draft:			188 Millimetres	23.24 Metric Tonnes
1.41	Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:			No Assigned Deadweight 1: Assigned Deadweight 2: Assigned Deadweight 3: Assigned Deadweight 4: Assigned Deadweight 5:	
1.42	Constant (excluding fresh water):				
1.43	What is the company guidelines for Under Keel Clearance (UKC) for this vessel?			A. Open Sea : When water depth is equal or less to vessel's twice current static draft, min. UKC of 50% of current max. static draft but not less than 3m. B. Confined, coastal and shallow waters : 20 % of ships draft not falling short of 1.0 m.	

		<p>C. Port approaches, Channels, Fairways: 10 % of ships draft not falling short of 0.6 m. D. Alongside: 1.5 % of ships beam not falling short of 0.3 m. E. SBM/CBM: 20 % of ships draft not falling short of 1.5 m. F. At Anchor/Drifting: Unprotected areas-20% of ships draft not falling short of 3m. Protected areas-10% of ships draft not falling short of 1.5m.</p>	
1.44	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Summer deadweight:	32.12 Metres	0 Metres
	Normal ballast:	34.86 Metres	0 Metres
	Lightship:	38.34 Metres	0 Metres

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	Jun 18, 2021	Jun 18, 2022	Jun 18, 2021	Mar 19, 2023
2.2	Safety Radio Certificate (SRC):	May 16, 2021	Jun 18, 2022	Jun 18, 2021	Mar 19, 2023
2.3	Safety Construction Certificate (SCC):	Jun 18, 2021	Jun 18, 2022	Jun 18, 2021	Mar 19, 2023
2.4	International Loadline Certificate (ILC):	Sep 16, 2020	Jun 18, 2022	Jun 18, 2021	Mar 19, 2023
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Mar 24, 2022	Jun 18, 2022	Jun 18, 2021	Mar 19, 2023
2.6	International Ship Security Certificate (ISSC):	Nov 16, 2019	Not Applicable	Not Applicable	Dec 15, 2024
2.7	Maritime Labour Certificate (MLC):	Nov 16, 2019	N/A	Jan 26, 2023	Dec 15, 2024
2.8	ISM Safety Management Certificate (SMC):	Nov 16, 2019	Not Applicable	Not Applicable	Dec 15, 2024
2.9	Document of Compliance (DOC):	Nov 02, 2020	Jan 27, 2022		Nov 04, 2025
2.10	USCG Certificate of Compliance(USCGCOC):	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2.11	Civil Liability Convention (CLC) 1992 Certificate:	Feb 18, 2023	N/A	N/A	Feb 20, 2024
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Feb 18, 2023	N/A	N/A	Feb 20, 2024
2.13	Liability for the Removal of Wrecks Certificate (WRC):	Feb 18, 2023	N/A	N/A	Feb 20, 2024
2.14	U.S. Certificate of Financial Responsibility (COFR):	Not Applicable	N/A	N/A	Not Applicable
2.15	Certificate of Class (COC):	Apr 02, 2021	Jun 18, 2022	Jun 18, 2021	Mar 19, 2023
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Jun 25, 2018	N/A	N/A	Mar 19, 2023
2.17	Certificate of Fitness (COF):	Apr 02, 2021	Jun 18, 2022	Sep 15, 2021	Mar 19, 2023
2.18	International Energy Efficiency Certificate (IEEC):	Mar 12, 2018	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	Sep 15, 2020			Mar 19, 2023

Documentation		
2.20	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:	Yes
2.21	Does vessel have in place a Drug and Alcohol Policy complying with OCIMF guidelines for Control of Drugs and Alcohol Onboard Ship?	Yes
2.22	Is the ITF Special Agreement on board (if applicable)?	N/A
2.23	ITF Blue Card expiry date (if applicable):	

3.	CREW
3.1	Nationality of Master: Filipino
3.2	Number and nationality of Officers: 8 Filipino

3.3	Number and nationality of Crew:	<table border="1"> <thead> <tr> <th>Nationality</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>Philippines</td> <td>10</td> </tr> </tbody> </table>		Nationality	Count	Philippines	10																
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3.4	What is the common working language onboard:	ENGLISH																					
3.5	Do officers speak and understand English?	Yes																					
3.6	If Officers/ratings employed by a manning agency - Full style:	Officers: <table border="1"> <thead> <tr> <th>Company Name</th> <th>Address</th> <th>Phone</th> <th>Fax</th> <th>Email</th> </tr> </thead> <tbody> <tr> <td>STATUS MARITIME CORP.</td> <td>1802 SAN MARCELINO COR. J. NAKPIL STR. MALATE, MANILA PHILIPPINES</td> <td>+63 240 403 45</td> <td>+63 240 403 13</td> <td>24hours@statuscrew.gr</td> </tr> </tbody> </table>	Company Name	Address	Phone	Fax	Email	STATUS MARITIME CORP.	1802 SAN MARCELINO COR. J. NAKPIL STR. MALATE, MANILA PHILIPPINES	+63 240 403 45	+63 240 403 13	24hours@statuscrew.gr	Ratings: <table border="1"> <thead> <tr> <th>Company Name</th> <th>Address</th> <th>Phone</th> <th>Fax</th> <th>Email</th> </tr> </thead> <tbody> <tr> <td>Status Maritime Corp</td> <td>1802 San Marcelino Cor. J. Nakpil Str, Malate, Manila Philippines</td> <td>+63 240 403 45</td> <td></td> <td>24hours@statuscrew.gr</td> </tr> </tbody> </table>	Company Name	Address	Phone	Fax	Email	Status Maritime Corp	1802 San Marcelino Cor. J. Nakpil Str, Malate, Manila Philippines	+63 240 403 45		24hours@statuscrew.gr
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4.	FOR USA CALLS	
4.1	Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coast Guard which has been approved by official USCG letter?	Yes
4.2	Qualified individual (QI) - Full style:	O' Brien's Oil Pollution Service 186 Princeton - Hightstown Rd Building 3B , West Windsor NJ 08550 Tel: + 1 985 781 0804 Fax: + 1 985 781 0580 Email: commadcenter@oopsusa.com
4.3	Oil Spill Response Organization (OSRO) - Full style:	National Response Corp 3500 Sunrise Highway Suite T103 Great River NY 11739 Tel: + 1 631 224 9141 Fax: + 1 631 224 9086 Email: iocdo@nrcc.com
4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	

5.	SAFETY/HELICOPTER	
5.1	Is the vessel operated under a Quality Management System? If Yes, what type of system? (ISO9001 or IMO Resolution A.741(18) as amended):	Yes IMO Resolution A.741(18)
5.2	Can the ship comply with the ICS Helicopter Guidelines?	No
5.2.1	If Yes, state whether winching or landing area provided:	
5.2.2	If Yes, what is the diameter of the circle provided:	

6.	COATING/ANODES										
6.1	Tank Coating										
	Cargo tanks:										
	Tank ID	Tank PSC	Tank Type	Constr	Coated Y/N	Coating Type	Extent	Condition	Date	Insp date	Insp Freq

1	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-12-10T00:00:00	30 Months
1	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-12-10T00:00:00	30 Months
2	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-04-24T00:00:00	30 Months
2	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-04-24T00:00:00	30 Months
3	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-11-30T00:00:00	30 Months
3	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-11-30T00:00:00	30 Months
4	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-12-10T00:00:00	30 Months
4	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-12-10T00:00:00	30 Months
5	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-12-10T00:00:00	30 Months
5	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-12-10T00:00:00	30 Months
6	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-12-10T00:00:00	30 Months
5	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-12-10T00:00:00	30 Months
6	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-12-10T00:00:00	30 Months
6	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2022-12-10T00:00:00	30 Months

Anodes: No

Ballast tanks:

ID	Coated?	Type	Extent	Condition	Coating date	Insp date	Insp freq
FORE PEAK TANK	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
WBT 1P	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
WBT 1S	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
WBT 2P	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
WBT 2S	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
WBT 3P	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
WBT 3S	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
WBT 4P	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
WBT 4S	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
WBT 5P	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
WBT 5S	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
WBT 6P	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
WBT 6S	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
AFT PEAK TANK PORT	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual
AFT PEAK TANK STBD	No	Epoxy	Full Tank	Good	2008-03-20T00:00:00	2023-01-14T00:00:00	Annual

	Anodes: Yes				
		Coated	Type	Extent	Anodes
	Slop tanks:	Yes	PHENOLIC EPOXY SIGMA PHENGUARD	Whole Tank	No

7.	BALLAST				
7.1	Ballast Handling Data				
	Number	Type	Prime mover type	Capacity (m3/hr)	Head (bar)
	2	CENTRIFUGAL	HYDRAULIC	350	25

8.	CARGO			
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Double Hull Vessels

8.1	Is vessel fitted with centerline bulkhead in all cargo tanks? If Yes, solid or perforated:	Yes, Solid
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Cargo Tank Capacities

8.2	Cargo Tank Capacities at 98% Full - Centre:		
	Total Centre: 0 Cu. Metres		
	Cargo Tank Capacities at 98% Full - Wing:		
	Tank Number	Capacity (m3)	P/S
	NO. 1 COT	929.92	Port
	NO. 1 COT	930.09	Stbd
	NO. 2 COT	1101.04	Port
	NO. 2 COT	1100.78	Stbd
	NO. 3 COT	1206.71	Port
	NO. 3 COT	1207.26	Stbd
	NO.4 COT	1207.7	Port
	NO. 4 COT	1207.06	Stbd
	NO. 5 COT	1206.51	Port
	NO. 5 COT	1207.15	Stbd
	NO. 6 COT	1048.21	Port
	NO. 6 COT	1048.48	Stbd
	SLOP	435.45	Port
	SLOP	435.71	Stbd
	Total Wing: 13,400.91 Cu. Metres		

8.2.1	Capacity (max% per company policy: 98%, 97%, 96% or 95%) of each natural segregation with double valve (specify tanks):	
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8.2.2	IMO class (Oil/Chemical Ship Type 1, 2 or 3):	2
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8.3	Number of slop tanks and total cubic capacity (max% per company policy: 98%, 97%, 96% or 95%):	2	686.05 Cu. Metres
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8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:	
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8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:	10 Cu. Metres
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SBT Vessels

8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?	5,269.33 Cu. Metres	41 %
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8.3.4	Does vessel meet the requirements of MARPOL Annex I Reg 18.2:	Yes
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Cargo Handling and Pumping Systems

8.4	How many grades/products can vessel load/discharge with double valve segregation:	14
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8.4.1	State type of cargo containment (integral, independent, gravity or pressure tanks):						
8.5	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:		Yes Designed At S.G 1.45, Partial Load up to S.G. 1.80; Filling restriction of 1P/S 0-10% and 40-80% @ 1.80 S.G.				
8.6	Max loading rate for homogenous cargo		With VECS Without VECS				
	Loaded per manifold connection:		320 Cu. Metres/Hour				
	Loaded simultaneously through all manifolds:		1,920 Cu. Metres/Hour				
Cargo Control Room							
8.7	Is ship fitted with a Cargo Control Room (CCR)?		Yes				
8.8	Can tank innage/ullage be read from the CCR?		Yes				
Gauging and Sampling							
8.9	Is gauging system certified and calibrated? If no, specify which ones are not calibrated:		Yes,				
	What type of gauging system as per IBC 13.1 is fitted (Open/Restricted/Closed)?		closed				
	What type of fixed closed tank gauging system is fitted:		Radar				
	Is a tank overflow control system fitted? If yes, then state if system includes automatic closing of valves?		Yes, No				
	Are high level alarms fitted to the cargo tanks? If Yes, indicate whether to all tanks or partial:		Yes, All				
8.9.1	Can cargo be transferred under closed loading conditions in accordance with ISGOTT 11.1.6.6?		Yes				
8.9.2	Are cargo tanks fitted with multipoint gauging? If yes, specify type and locations:		No,				
8.10	Number of portable gauging units (example- MMC) on board:		3				
Vapor Emission Control System (VECS)							
8.11	Is a vapour return system (VRS) fitted?		Yes				
8.12	Number/size of VECS manifolds (per side):		2 200 Millimetres				
8.13	Number/size/type of VECS reducers:						
Venting							
8.14	State what type of venting system is fitted:		High Velocity P/V Valves				
Cargo Manifolds and Reducers							
8.15	Total number/size of cargo manifold connections on each side: No.: 15						
	Size:						
	Manifold	PCS	Size	Unit	Pressure Rating	Unit PR	Standard
	1	P	6	Inches	16	KG/Cm2	ANSI
	1	S	6	Inches	16	KG/Cm2	ANSI
	2	P	6	Inches	16	KG/Cm2	ANSI
	2	S	6	Inches	16	KG/Cm2	ANSI
	3	P	6	Inches	16	KG/Cm2	ANSI
	3	S	6	Inches	16	KG/Cm2	ANSI
	4	P	6	Inches	16	KG/Cm2	ANSI
	4	S	6	Inches	16	KG/Cm2	ANSI
	5	P	6	Inches	16	KG/Cm2	ANSI
	5	S	6	Inches	16	KG/Cm2	ANSI
	6	P	6	Inches	16	KG/Cm2	ANSI
	6	S	6	Inches	16	KG/Cm2	ANSI
	7	P	6	Inches	16	KG/Cm2	ANSI
	7	S	6	Inches	16	KG/Cm2	ANSI

	8	C	12	Inches	16	KG/Cm2	ANSI					
8.15.1	Does the vessel have a Common Line Manifold connection? If yes, describe:											
8.16	What type of valves are fitted at manifold:						Butterfly					
8.17	What is the material/rating of the manifold:						Stainless Steel/					
8.17.1	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment'?						Yes					
8.18	Distance between cargo manifold centers:						700 Millimetres					
8.19	Distance ships rail to manifold:						3,760 Millimetres					
8.20	Distance manifold to ships side:						3,980 Millimetres					
8.21	Top of rail to center of manifold:						1,200 Millimetres					
8.22	Distance main deck to center of manifold:						2,700 Millimetres					
8.23	Spill tank grating to center of manifold:						800 Millimetres					
8.24	Manifold height above the waterline in normal ballast/at SDWT condition:						8.44 Metres	5.51 Metres				
8.25	Number/size/type of reducers:						2 x 200/150mm (8/6") 2 x 300/200mm (12/8") 2 x 300/150mm (12/6") 1 x 250/200mm (10/8") 2 x 150/100mm (6/4") ANSI					
8.26	Is vessel fitted with a stern manifold? If yes, state size:						Yes, 250 Millimetres					
Heating												
8.27	Cargo/slop tanks fitted with a cargo heating system?											
	Tank ID	P/C/S/Decktank/Other	Heat exchanger	Internal/External	External ducts	Heating coils	Heating coil sets	Height of the heating coils above tank bottom (mm)	total heating surface (m2)	Ratio of the heating surface	Welded or coupled	Material
	1	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	1	S	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	2	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	2	S	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	3	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	3	S	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	4	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	4	S	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	5	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	5	S	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	6	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	6	S	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	7	P	No	Internal	No	Yes	2	150	30	0.08	Welded	SS
	7	S	No	Internal	No	Yes	2	150	30	0.08	Welded	SS
8.27.1	Is a Thermal Oil Heating system fitted? If yes, identify tanks?						Yes, all					
8.28	Maximum temperature cargo can be loaded/maintained:						90.0 °C / 194.0 °F	80 °C / 176 °F				
8.28.1	Minimum temperature cargo can be loaded/maintained:											
Inert Gas and Crude Oil Washing												
8.29	Is an Inert Gas System (IGS) fitted/operational?						Yes/Yes					
8.29.1	Is a Crude Oil Washing (COW) installation fitted/operational?						Yes/Yes					
8.30	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:						IG Generator					

8.30.1	If nitrogen generator, specify the applicable flow rate for each of the designed purity modes:																																																																																																	
Cargo Pumps																																																																																																		
8.31	How many cargo pumps can be run simultaneously at full capacity:	4																																																																																																
8.32	Cargo Pump Data																																																																																																	
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8.33	Is at least one emergency portable cargo pump provided?	Yes																																																																																																
Tank Cleaning Systems																																																																																																		
8.34	Is tank cleaning equipment fixed in cargo tanks?	Yes																																																																																																
8.35	Is portable tank cleaning equipment provided?	Yes																																																																																																
8.36	Tank washing pump capacity:	100 Cu. Metres/Hour																																																																																																
8.37	Is a washing water heater fitted? If yes is it operational and state max washing water temperature:	Yes, Yes 80 Degrees Celsius																																																																																																
8.38	What is the maximum number of machines that can be operated at their designed max pressure?	4																																																																																																
Other Deck Equipment																																																																																																		
8.39	Is vessel fitted with a remote cargo tank temperature monitoring system. If yes, is it operational?	Yes, Yes																																																																																																
8.40	Is vessel fitted with a remote cargo tank pressure monitoring system. If yes, is it operational?	Yes, Yes																																																																																																
8.41	Is vessel fitted with a cargo tank drier. If yes is it operational and state capacity:	No, N/A																																																																																																
8.42	Is vessel fitted with a cargo cooling system. If yes is it operational and state tanks applicable:	No, No																																																																																																
8.43	Is steam available on deck?	Yes																																																																																																

9.	MOORING														
9.1	Provide details for Mooring Ropes, Wires, Tails and Shackles														
	Type	Location and Identity	Material	Diameter /size	Length	LDBF(100-105 % of SDBL (Tonnes))	TDBF(125-130 % of SDBL (Tonnes))	SWL (tonnes)	WLL (tonnes) (50-55% of Max LDBF)	Certificate No.	Installed Date	Reversed Date	Renewal Date	Status of line/tail	Condition of line/tail

	Ropes	Fwd winch P (outer drum)	Polyester/Polypropylene Melt Mixture with Eurolefin in the Outer strands	44	220	34.6	0	0	0	063601	2021-06-08T00:00:00	2021-06-08T00:00:00	2021-06-08T00:00:00	In Use	Suitable
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9.2 Details of winches and brake testing including rendering loads

Mooring winch Location	Split Drum	Motive Power	Remote Operational controls	Heaving power	Hauling Speed	Type of Brake	Designed Brake Max holding load (ISO) (80% of SDMB)	Operational brake holding load (60% of SDMBL)	Date of last brake test	Brake Rendering load	Frequency of testing brakes
1	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-08-09T00:00:00	19.8	YEARLY
2	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-08-09T00:00:00	19.8	YEARLY
3	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-08-09T00:00:00	19.8	YEARLY
4	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-08-09T00:00:00	19.8	YEARLY
5	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-08-09T00:00:00	19.8	YEARLY
6	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-08-09T00:00:00	19.8	YEARLY
7	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-08-09T00:00:00	19.8	YEARLY
8	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-08-09T00:00:00	19.8	YEARLY

9.3 Provide Details of Mooring bollards and bitts

Location	Identity No	Certificate Number	Size (mm)	SWL (tonnes)
Forecastle	1	BO-F01	355	64
Forecastle	2	BO-F02	355	64
Forecastle	3	BO-F03	355	33
Forecastle	4	BO-F04	355	33
Forecastle	5	BO-F05	355	33
Forecastle	6	BO-F06	355	33
Maindeck Forward (Port)	1	BO-M01	355	64
Maindeck Forward (Stbd)	2	BO-M02	355	64
Maindeck Forward (Port)	3	BO-M03	355	33
Maindeck Forward (Stbd)	4	BO-M04	355	33
Maindeck Forward (Port)	5	BO-M05	355	33
Maindeck Forward (Stbd)	6	BO-M06	355	33
Maindeck Forward (Port)	7	BO-M07	315	25
Maindeck Forward (Stbd)	8	BO-M08	315	25
Maindeck Forward (Port)	9	BO-M09	355	33
Maindeck Forward (Stbd)	10	BO-M10	355	33
Poop Deck (Port)	1	BO-S01	355	64

	Poop Deck (Stbd)	2	BO-S02	355	64	
	Poop Deck (Port)	3	BO-S03	355	33	
	Poop Deck (Stbd)	4	BO-S04	355	33	
	Poop Deck (Port)	5	BO-S05	355	33	
	Poop Deck (Stbd)	6	BO-S06	355	33	
	Poop Deck (Port)	7	BO-S07	355	33	
	Poop Deck (Stbd)	8	BO-S08	355	33	
9.4	Provide details of Mooring Fairleads/Chocks					
Anchors/Emergency Towing System						
9.7	Number of shackles on port/starboard cable:			10/10		
9.8	Type/SWL of Emergency Towing system forward:			TONGUE TYPE	100 Metric Tonnes	
9.9	Type/SWL of Emergency Towing system aft:			Not Applicable		
9.10.1	What is size of closed chock and/or fairleads of enclosed type on stern			360x260		
Escort Tug						
9.10.2	What is SWL of closed chock and/or fairleads of enclosed type on stern:			64 Metric Tonnes		
9.11	What is SWL of bollard on poop deck suitable for escort tug:			64 Metric Tonnes		
Lifting Equipment/Gangway						
9.12	Derrick/Crane description (Number, SWL and location):			Cranes: 1 x 10 Tonnes Center		
9.13	Accommodation ladder direction:			Aft		
	Does vessel have a portable gangway? If yes, state length:			Yes,		
Single Point Mooring (SPM) Equipment						
9.14	Does the vessel meet the recommendations in the latest edition of OCIMF 'Recommendations for Equipment Employed in the Bow Mooring of Conventional Tankers at Single Point Moorings (SPM)':?			No		
9.15 Details of bow chain stopper(s):						
	Location/Number of Bow Chain Stopper	Type	Operation	SWL	Min Size of Chain	Max size of Chain
	Port	Tongue	Manual	100	54	54
9.16	What is the maximum size chain diameter the bow stopper(s) can handle:			54 Millimetres		
9.17	Distance between the bow fairlead and chain stopper/bracket:			900 Metres		
9.18	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:			Yes Not Applicable		

10.	PROPULSION				
10.1	Speed			Maximum	Economical
	Ballast speed:				
	Laden speed:				
10.2	What type of fuel is used for main propulsion/generating plant:			HFO	Diesel
10.3	Type/Capacity of bunker tanks:			Fuel Oil: 633.119 Cu. Metres Diesel Oil: 76.821 Cu. Metres Gas Oil: 0 Cu. Metres	
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):			Fixed	
10.5	Engines	No	Capacity	Make/Type	
	Main engine:	1		STX MAN B&W 6S35M	

	Aux engine:	3	600 Kilowatt	YANMAR
	Power packs:			
	Boilers:	1	12 Metric Tonnes/Hour	AALBORG
Bow/Stern Thruster				
10.6	What is brake horse power of bow thruster (if fitted):		Yes, 560 bhp	
10.7	What is brake horse power of stern thruster (if fitted):		No,	
Emissions				
10.8	Main engine IMO NOx emission standard:			
10.9	Energy Efficiency Design Index (EEDI) rating number:			

11.	SHIP TO SHIP TRANSFER			
11.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquefied Gas, as applicable)?		Yes	
11.2	What is maximum outreach of cranes/derricks outboard of the ship's side:			8 Metres
11.3	Date/place of last STS operation:		Lome , March 2023	

12.	RECENT OPERATIONAL HISTORY			
12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):		upon request	
12.2	Has vessel been involved in a pollution, grounding, serious casualty, unscheduled repair or collision incident during the past 12 months? If yes, provide details:		Pollution: No, Grounding: No, Casualty: No, Repair: No, Not Applicable Collision: No,	
12.3	Date and place of last Port State Control inspection:		Feb 25, 2023, DOUALA	
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:		No n/a	
12.5	Recent Oil company inspections/screenings (To the best of owners knowledge and without guarantee of acceptance for future business)*: <i>* "Approvals" are not given by Oil Majors and ships are accepted for the voyage on a case by case basis.</i>		MAXCOM / ALMA / PREEM / KOCH / TOTAL / SHELL / BP / CHEVRON / Equinor	
12.6	Date/Place of last SIRE inspection:		Feb 03, 2023 / Libreville	
12.6.1	Date/Place of last CDI inspection:		/	
12.7	Additional information relating to features of the ship or operational characteristics:		N/A	

Revised 2018 ([INTERTANKO/Q88.com](http://www.intertanko.com))

Form completed on <http://www.q88.com/integration.aspx> Please email support@q88.com an updated copy if this is not the latest version.