

**INTERTANKO CHARTERING QUESTIONNAIRE 88 - OIL/CHEMICAL**

<b>1.</b>	<b>GENERAL INFORMATION</b>		
1.1	Date updated:	Mar 10, 2023	
1.2	Vessel's name (IMO number):	Sea Majestic (9391153)	
1.3	Vessel's previous name(s) and date(s) of change:	Vale (Jul 24, 2022) Royal Natura (Mar 10, 2017)	
1.4	Date delivered/Builder (where built):	Nov 10, 2008/SEKWANG HEAVY INDUSTRIES CO., LTD	
1.5	Flag/Port of Registry:	Liberia/Monrovia	
1.6	Call sign/MMSI:	D5NC7/636017874	
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: +870773061180 Fax: Email: seamajestic@vsl.pc-gm.com	
1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC):	Oil Tanker (Product carrier)	
1.9	Type of hull:	Double Hull	
<b>Ownership and Operation</b>			
1.10	Registered owner - Full style:	Splash Navigation Corp 80 Broad Street Monrovia Liberia Tel: +302109310490 Fax: N/A Telex: N/A Email: info@pc-gm.com	
1.11	Technical operator - Full style:	PETROCHEM GENERAL MANAGEMENT S.A. 201 Syngrou Avenue, 17121, Athens, Greece Greece Tel: +302109310490 Telex: N/A 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 Email: operation@pc-gm.com	
1.13	Disponent owner - Full style:		
<b>Insurance</b>			
1.14	P & I Club - Full Style:	WEST OF ENGLAND R.C.S. Luxembourg B8963, 31 Grand Rue, L-1661 Luxembourg, G.D. Luxembourg Tel: +44 20 7716 6000 Email: mail@westpandi.com Web: www.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 51 Lime Street London EC3M7DQ Tel: +442031247770	
1.17	Hull & Machinery insured value/expiration date:	17,000,000 US\$	May 31, 2023
<b>Classification</b>			

1.18	Classification society:	Korean Register		
1.19	Class notation:	+KRS1 OIL/CHEMICAL TANKER (DOUBLE HULL) 'ESP' (FBC) PRODUCT/II 2G 1.55 SG (IBC) CLEAN1 ERS VEC2 CHA LI+KRM1 UMA PMS STCM IGS		
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:	, Not Applicable		
1.22	Does the vessel have ice class? If yes, state what level:	N/A, N/A		
1.23	Date/place of last dry-dock:	Dec 12, 2021/Tersan, Turkey		
1.24	Date next dry dock due/next annual survey due:	Nov 09, 2023	Nov 09, 2023	
1.25	Date of last special survey/next special survey due:	Oct 26, 2018	Nov 09, 2023	
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:	No, N/A		
<b>Dimensions</b>				
1.27	Length overall (LOA):	149.61 Metres		
1.28	Length between perpendiculars (LBP):	142.60 Metres		
1.29	Extreme breadth (Beam):	24.23 Metres		
1.30	Moulded depth:	12.80 Metres		
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:	41.31 Metres		
1.32	Distance bridge front to center of manifold:	49.24 Metres		
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):	71.90 Metres	77.71 Metres	
1.34	Parallel body distances	Lightship	Normal Ballast	Summer Dwt
	Forward to mid-point manifold:	21.66 Metres	31.93 Metres	36.94 Metres
	Aft to mid-point manifold:	26.43 Metres	34.05 Metres	41.65 Metres
	Parallel body length:	49 Metres	65.50 Metres	78.50 Metres
<b>Tonnages</b>				
1.35	Net Tonnage:	6,119		
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):	12,560	10,293	
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):	13,400.35	11,404.23	

1.38	Panama Canal Net Tonnage (PCNT):				10,555
<b>Loadline Information</b>					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	3.42 Metres	9.41 Metres	19,997 Metric Tonnes	25,818 Metric Tonnes
	Winter:	3.62 Metres	9.22 Metres	19,391 Metric Tonnes	25,212 Metric Tonnes
	Tropical:	3.22 Metres	9.61 Metres	20,609 Metric Tonnes	26,426 Metric Tonnes
	Lightship:	10.40 Metres	2.43 Metres	-	5,821 Metric Tonnes
	Normal Ballast Condition:	7.56 Metres	5.27 Metres	7,785 Metric Tonnes	13,585 Metric Tonnes
	Segregated Ballast Condition:	7.56 Metres	5.27 Metres	7,785 Metric Tonnes	13,585 Metric Tonnes
1.40	FWA/TPC at summer draft:			208 Millimetres	31.10 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 Ocean Passages 20% of the deepest draft or 2m, whichever is greater. B Fairways/channels 10% of the deepest draft or 1m or as per local regulations, whichever is greater. C Alongside 1,5% of ship's beam or 0.3m, whichever is greater. CATZOC: i. In areas of category A1/A2: UKC as described in above ii. In areas of category B: Add 5% to the UKC Policy. iii. In areas of category C or D: Add 15% to the UKC Policy. Special assessment by Master required. iv. In areas of category U (Un-assessed), refer to other sources of data accuracy. Add 30% to the UKC Policy. Special assessment by Master.	
1.44	What is the max height of mast above waterline (air draft)			Full Mast	Collapsed Mast
	Summer deadweight:			31.89 Metres	0 Metres
	Normal ballast:			36.02 Metres	0 Metres
	Lightship:			38.85 Metres	0 Metres

2.	<b>CERTIFICATES</b>	<b>Issued</b>	<b>Last Annual</b>	<b>Last Intermediate</b>	<b>Expires</b>
2.1	Safety Equipment Certificate (SEC):	Jul 24, 2022	Jan 14, 2022	Dec 12, 2021	Nov 09, 2023
2.2	Safety Radio Certificate (SRC):	Jul 24, 2022	Jan 14, 2022	Dec 12, 2021	Nov 09, 2023

2.3	Safety Construction Certificate (SCC):	Jul 24, 2022	Jan 14, 2022	Dec 12, 2021	Nov 09, 2023
2.4	International Loadline Certificate (ILC):	Jul 24, 2022	Jan 14, 2022	Dec 12, 2021	Nov 09, 2023
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Jul 24, 2022	Jan 14, 2022	Dec 12, 2021	Nov 09, 2023
2.6	International Ship Security Certificate (ISSC):	Oct 17, 2022	Not Applicable	Not Applicable	Oct 16, 2027
2.7	Maritime Labour Certificate (MLC):	Oct 17, 2022	N/A		Oct 16, 2027
2.8	ISM Safety Management Certificate (SMC):	Oct 16, 2022	Not Applicable	Not Applicable	Oct 15, 2027
2.9	Document of Compliance (DOC):	May 11, 2022	Jan 31, 2023		Nov 04, 2025
2.10	USCG Certificate of Compliance(USCGCOC):		Not Applicable	Not Applicable	
2.11	Civil Liability Convention (CLC) 1992 Certificate:	Feb 20, 2023	N/A	N/A	Feb 20, 2024
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Feb 20, 2023	N/A	N/A	Feb 20, 2024
2.13	Liability for the Removal of Wrecks Certificate (WRC):	Feb 20, 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):	Jul 24, 2022	Not Applicable	Not Applicable	Nov 09, 2023
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Jul 24, 2022	N/A	N/A	Nov 09, 2023
2.17	Certificate of Fitness (COF):	Jul 24, 2022	Not Applicable	Not Applicable	Nov 09, 2023
2.18	International Energy Efficiency Certificate (IEEC):	Jul 24, 2022	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	Jul 24, 2022			Nov 09, 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):	

<b>3.</b>	<b>CREW</b>														
3.1	Nationality of Master:			Filipino											
3.2	Number and nationality of Officers:		9	Philippines											
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>13</td> </tr> </tbody> </table>		Nationality	Count	PHILIPPINES	13							
Nationality	Count														
PHILIPPINES	13														
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:			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>YIALOS MANNING AGENTS INC</td> <td>G.E. Antonio Bldg 16th Flr J. Bocobo &amp; Kalaw Str Ermita, Manila</td> <td>+63 2 526 1888</td> <td>+6 3</td> <td>crew@yialosmanning.com</td> </tr> </tbody> </table>					Company Name	Address	Phone	Fax	Email	YIALOS MANNING AGENTS INC	G.E. Antonio Bldg 16th Flr J. Bocobo & Kalaw Str Ermita, Manila	+63 2 526 1888	+6 3	crew@yialosmanning.com
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<b>4.</b>	<b>FOR USA CALLS</b>	
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:	
4.3	Oil Spill Response Organization (OSRO) - Full style:	
4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	

<b>5.</b>	<b>SAFETY/HELICOPTER</b>	
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:	

<b>6.</b>	<b>COATING/ANODES</b>										
6.1	Tank Coating										
	Cargo tanks:										
	<b>Tank ID</b>	<b>Tank PSC</b>	<b>Tank Type</b>	<b>Constr</b>	<b>Coated Y/N</b>	<b>Coating Type</b>	<b>Extent</b>	<b>Condition</b>	<b>Date</b>	<b>Insp date</b>	<b>Insp Freq</b>
	1	P	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-04T00:00:00	30 Months
	1	S	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-04T00:00:00	30 Months
	2	P	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-04T00:00:00	30 Months
	2	S	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-04T00:00:00	30 Months
	3	P	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-04T00:00:00	30 Months
	3	S	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-04T00:00:00	30 Months
	4	P	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-04T00:00:00	30 Months
	4	S	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-04T00:00:00	30 Months
	5	P	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-05T00:00:00	30 Months
	5	S	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-05T00:00:00	30 Months
	6	P	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-05T00:00:00	30 Months
	6	S	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-05T00:00:00	30 Months

7	P	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-05T00:00:00	30 Months
7	S	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-05T00:00:00	30 Months
8	P	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-06T00:00:00	30 Months
8	S	1g	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-06T00:00:00	30 Months
9	P	Slop	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-06T00:00:00	30 Months
9	S	Slop	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-12-06T00:00:00	30 Months

Anodes: No

Ballast tanks:

ID	Coated?	Type	Extent	Condition	Coating date	Insp date	Insp freq
FPT	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-12T00:00:00	Annual
1P	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-12T00:00:00	Annual
1S	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-12T00:00:00	Annual
2P	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-12T00:00:00	Annual
2S	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-12T00:00:00	Annual
3P	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-12T00:00:00	Annual
3S	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-13T00:00:00	Annual
4P	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-13T00:00:00	Annual
4S	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-13T00:00:00	Annual
5P	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-14T00:00:00	Annual
5S	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-14T00:00:00	Annual
6P	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-14T00:00:00	Annual
6S	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-14T00:00:00	Annual
7P	Yes	Epoxy	Full Tank	Good	2022-11-10T00:00:00	2022-06-14T00:00:00	Annual
7S	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-15T00:00:00	Annual
8P	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-15T00:00:00	Annual
8S	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-15T00:00:00	Annual
APT	Yes	Epoxy	Full Tank	Good	2008-11-10T00:00:00	2022-06-15T00:00:00	Annual

Anodes: Yes

	Coated	Type	Extent	Anodes
Slop tanks:	Yes	EPOXY (phenolic)	Whole Tank	No

<b>7.</b>	<b>BALLAST</b>															
7.1	Ballast Handling Data															
	<table border="1"> <thead> <tr> <th>Number</th> <th>Type</th> <th>Prime mover type</th> <th>Capacity (m3/hr)</th> <th>Head (bar)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Centrifugal</td> <td>Hydraulic</td> <td>350</td> <td>15</td> </tr> <tr> <td>2</td> <td>Centrifugal</td> <td>Hydraulic</td> <td>350</td> <td>15</td> </tr> </tbody> </table>	Number	Type	Prime mover type	Capacity (m3/hr)	Head (bar)	1	Centrifugal	Hydraulic	350	15	2	Centrifugal	Hydraulic	350	15
Number	Type	Prime mover type	Capacity (m3/hr)	Head (bar)												
1	Centrifugal	Hydraulic	350	15												
2	Centrifugal	Hydraulic	350	15												

<b>8.</b>	<b>CARGO</b>
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<b>Double Hull Vessels</b>		
8.1	Is vessel fitted with centerline bulkhead in all cargo tanks? If Yes, solid or perforated:	Yes, Solid
<b>Cargo Tank Capacities</b>		
8.2	Cargo Tank Capacities at 98% Full - Centre:	
	Total Centre:	
	Cargo Tank Capacities at 98% Full - Wing:	
	<b>Tank Number</b>	<b>Capacity (m3)</b>
	1P	780.8
	1S	776.8
	2P	1598.7
	2S	1601.9
	3P	1349.4
	3S	1353.7
	4P	1350.9
	4S	1355.4
	5P	1351.6
	5S	1354.5
	6P	1353
	6S	1357
	7P	1350.5
	7S	1355
	8P	1277.4
	8S	1280.4
	Total Wing: 20,864.80 Cu. Metres	
8.2.1	Capacity (max% per company policy: 98%, 97%, 96% or 95%) of each natural segregation with double valve (specify tanks):	1P 780.789 1S 776.793 2P 1,598.715 2S 1,601.870 3P 1,349.370 3S 1,353.677 4P 1,350.943 4S 1,355.364 5P 1,351.566 5S 1,354.452 6P 1,352.992 6S 1,356.954 7P 1,350.543 7S 1,355.018 8P 1,277.357 8S 1,280.435
8.2.2	IMO class (Oil/Chemical Ship Type 1, 2 or 3):	2
8.3	Number of slop tanks and total cubic capacity (max% per company policy: 98%, 97%, 96% or 95%):	2
		766.889 Cu. Metres
8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:	Seg#17 / SLOP P 375.011 Seg#18 / SLOP S 391.878
8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:	22.153 Cu. Metres
<b>SBT Vessels</b>		
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?	7,748.35 Cu. 39.70 %

		Metres	
8.3.4	Does vessel meet the requirements of MARPOL Annex I Reg 18.2:	Yes	
<b>Cargo Handling and Pumping Systems</b>			
8.4	How many grades/products can vessel load/discharge with double valve segregation:	18	
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 MAX. LOADABLE CAP: 98 %, MAX. LOADING RATE, SHIP STRENGTH AND TEMP.	
8.6	Max loading rate for homogenous cargo	With VECS	Without VECS
	Loaded per manifold connection:	380 Cu. Metres/Hour	475 Cu. Metres/Hour
	Loaded simultaneously through all manifolds:	3,040 Cu. Metres/Hour	3,800 Cu. Metres/Hour
<b>Cargo Control Room</b>			
8.7	Is ship fitted with a Cargo Control Room (CCR)?	Yes	
8.8	Can tank innage/ullage be read from the CCR?	Yes	
<b>Gauging and Sampling</b>			
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 BEAM	
	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,	
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	
<b>Vapor Emission Control System (VECS)</b>			
8.11	Is a vapour return system (VRS) fitted?	Yes	
8.12	Number/size of VECS manifolds (per side):	1	200 Millimetres
8.13	Number/size/type of VECS reducers:		
<b>Venting</b>			
8.14	State what type of venting system is fitted:	HIGH VELOCITY P/V	
<b>Cargo Manifolds and Reducers</b>			
8.15	Total number/size of cargo manifold connections on each side: No.: 18 (Additionally, common line manifolds, two upper and two lower)		
	Size:		
	<b>Manifold</b>	<b>PCS</b>	<b>Size</b>
	<b>Unit</b>	<b>Pressure Rating</b>	<b>Unit PR</b>
			<b>Standard</b>
	9	P	150
	9	S	150
	mm	10	Bar
	mm	10	Bar
			ANSI
			ANSI
8.15.1	Does the vessel have a Common Line Manifold connection? If yes, describe:	One Common Line PORT & STBD side 2x10 inch upper connections and  2x10 inch lower connections	
8.16	What type of valves are fitted at manifold:	Butterfly	
8.17	What is the material/rating of the manifold:	STAINLESS STEEL/150LB	
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:	800 Millimetres	
8.19	Distance ships rail to manifold:	4,600 Millimetres	



8.20	Distance manifold to ships side:	4,900 Millimetres
8.21	Top of rail to center of manifold:	1,900 Millimetres
8.22	Distance main deck to center of manifold:	2,900 Millimetres
8.23	Spill tank grating to center of manifold:	1,450 Millimetres
8.24	Manifold height above the waterline in normal ballast/at SDWT condition:	10.25 Metres   6.32 Metres
8.25	Number/size/type of reducers:	3 x 152.4/101.6mm (6/4") 3 x 152.4/203.2mm (6/8") 2 x 152.4/254mm (6/10") 3 x 203.2/254mm (8/10") 2 x 254/304.8mm (10/12") ANSI
8.26	Is vessel fitted with a stern manifold? If yes, state size:	No,

### 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	Yes	External	Yes	No	0	0	0	0	Welded	SS
	1	S	Yes	External	Yes	No	0	0	0	0	Welded	SS
	2	P	Yes	External	Yes	No	0	0	0	0	Welded	SS
	2	S	Yes	External	Yes	No	0	0	0	0	Welded	SS
	3	P	Yes	External	Yes	No	0	0	0	0	Welded	SS
	3	S	Yes	External	Yes	No	0	0	0	0	Welded	SS
	4	P	Yes	External	Yes	No	0	0	0	0	Welded	SS
	4	S	Yes	External	Yes	No	0	0	0	0	Welded	SS
	5	P	Yes	External	Yes	No	0	0	0	0	Welded	SS
	5	S	Yes	External	Yes	No	0	0	0	0	Welded	SS
	6	P	Yes	External	Yes	No	0	0	0	0	Welded	SS
	6	S	Yes	External	Yes	No	0	0	0	0	Welded	SS
	7	P	Yes	External	Yes	No	0	0	0	0	Welded	SS
	7	S	Yes	External	Yes	No	0	0	0	0	Welded	SS
	8	P	Yes	External	Yes	No	0	0	0	0	Welded	SS
	8	S	Yes	External	Yes	No	0	0	0	0	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:	70.0 °C / 158.0 °F   70 °C / 158 °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:	Nitrogen Generator
8.30.1	If nitrogen generator, specify the applicable flow rate for each of the designed purity modes:	1200 NM3 /H x 95 % VOL - 2 COMPRESSOR MODE 600 NM3 /H x 95 % VOL - 1 COMPRESSOR MODE 80 NM3 /H x 99.9 % VOL

### Cargo Pumps

8.31	How many cargo pumps can be run simultaneously at full capacity:	4
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8.32	Cargo Pump Data					
	<b>Pump Identity</b>	<b>Pump Location</b>	<b>Type</b>	<b>Type of prime mover</b>	<b>Capacity</b>	<b>At what head?</b>
	16X Framo Pump	Cargo Tank	Other	Hydraulic	300	120
	2X Framo Pump	Cargo Tank	Other	Hydraulic	200	120
	1x Framo pump	Cargo Tank	Other	Hydraulic	70	70
8.33	Is at least one emergency portable cargo pump provided?					Yes
<b>Tank Cleaning Systems</b>						
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:					120 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?					10
<b>Other Deck Equipment</b>						
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, No
8.42	Is vessel fitted with a cargo cooling system. If yes is it operational and state tanks applicable:					No, N/A
8.43	Is steam available on deck?					Yes

<b>9.</b>	<b>MOORING</b>														
9.1	Provide details for Mooring Ropes, Wires, Tails and Shackles														
	<b>Type</b>	<b>Location and Identity</b>	<b>Material</b>	<b>Diameter/size</b>	<b>Length</b>	<b>LDBF( 100- 105 % of SDBM L (Tonnes))</b>	<b>TDBF( 125- 130 % of SDBM L (Tonnes))</b>	<b>SWL (tonnes)</b>	<b>WLL (tonnes) (50- 55% of Max LDBF )</b>	<b>Certificate No.</b>	<b>Installed Date</b>	<b>Reversed Date</b>	<b>Renewal2 Date</b>	<b>Status of line/ tail</b>	<b>Condition of line/t ail</b>
	Ropes	Forecastle x 4	Polyester/Polyolefin	48	220	39	0	39.5	0	196353/196356/196364/196365	2022-06-26T00:00:00	2027-06-26T00:00:00	2032-06-26T00:00:00	In Use	Suitable
	Ropes	Poop Deck x 4	Polyester/Polyolefin	48	220	39	0	39.5	0	196366/201121/201309/201215	2022-06-26T00:00:00	2027-06-26T00:00:00	2032-06-26T00:00:00	In Use	Suitable
	Ropes	FWD Loose X5	Polyolefin	48	220	39	0	39.5	0	82100565/KRPL-21-02-604/KRPL-21-02-604-02/82100565/201115	2022-02-18T00:00:00	2027-02-18T00:00:00	2032-02-18T00:00:00	In Use	Suitable
	Ropes	POOP Loose X 5	Polyolefin	48	220	39	0	39.5	0	82100565/KRPL-21-02-604-04/KRPL-21-02-604-03/82100565L201114	2022-02-18T00:00:00	2027-02-18T00:00:00	2032-02-18T00:00:00	In Use	Suitable
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	16	15	Manual	30.8	23.1	2022-06-26T00:00:00	20.6	Annual
2	Yes	Hydraulic	No	16	15	Manual	30.8	23.1	2022-06-26T00:00:00	20.6	Annual
3	Yes	Hydraulic	No	16	15	Manual	30.8	23.1	2022-06-26T00:00:00	20.6	Annual
4	Yes	Hydraulic	No	16	15	Manual	30.8	23.1	2022-06-26T00:00:00	20.6	Annual
5	Yes	Hydraulic	No	16	15	Manual	30.8	23.1	2022-06-26T00:00:00	20.6	Annual
6	Yes	Hydraulic	No	16	15	Manual	30.8	23.1	2022-06-26T00:00:00	20.6	Annual
7	Yes	Hydraulic	No	16	15	Manual	30.8	23.1	2022-06-26T00:00:00	20.6	Annual
8	Yes	Hydraulic	No	16	15	Manual	30.8	23.1	2022-06-26T00:00:00	20.6	Annual

Location	Identity No	Certificate Number	Size (mm)	SWL (tonnes)
Forecastle	1	BO-F01	400	64
Forecastle	2	BO-F02	400	64
Forecastle	3	BO-F03	355	38
Forecastle	4	BO-F04	355	38
Forecastle	5	BO-F05	400	64
Forecastle	6	BO-F06	400	64
Maindeck Forward (Port)	1	BO-M01	355	46
Maindeck Forward (Port)	3	BO-M03	300	25
Maindeck Forward (Port)	5	BO-M05	300	25
Maindeck Forward (Port)	7	BO-M07	355	38
Maindeck Forward (Stbd)	2	BO-M02	355	46
Maindeck Forward (Stbd)	4	BO-M04	300	25
Maindeck Forward (Stbd)	6	BO-M06	300	25
Maindeck Forward (Stbd)	8	BO-M08	355	38
Poop Deck (Port)	1	BO-S01	400	64
Poop Deck (Port)	3	BO-S03	355	38
Poop Deck (Port)	5	BO-S05	400	64
Poop Deck (Port)	7	BO-S07	355	46
Poop Deck (Stbd)	2	BO-S02	400	64
Poop Deck (Stbd)	4	BO-S04	355	38
Poop Deck (Stbd)	6	BO-S06	400	64
Poop Deck (Stbd)	8	BO-S08	355	46

9.4 Provide details of Mooring Fairleads/Chocks

<b>Anchors/Emergency Towing System</b>			
9.7	Number of shackles on port/starboard cable:	10/11	
9.8	Type/SWL of Emergency Towing system forward:	TONGUE	100 Metric Tonnes
9.9	Type/SWL of Emergency Towing system aft:		
9.10.1	What is size of closed chock and/or fairleads of enclosed type on stern		
<b>Escort Tug</b>			
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	
<b>Lifting Equipment/Gangway</b>			
9.12	Derrick/Crane description (Number, SWL and location):	Cranes: 2 x 10.00 Tonnes CENTER MID SHIP - HOSE HANDLING CRANE AFT STBD SIDE - PROVISION CRANE	
9.13	Accommodation ladder direction:	Aft	
	Does vessel have a portable gangway? If yes, state length:	Yes, 8.605 Metres	
<b>Single Point Mooring (SPM) Equipment</b>			
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):			
	<b>Location/Number of Bow Chain Stopper</b>	<b>Type</b>	<b>Operation</b>
	Stbd	Tongue	Manual
			<b>SWL</b>
			200
			<b>Min Size of Chain</b>
			76
			<b>Max size of Chain</b>
			76
9.16	What is the maximum size chain diameter the bow stopper(s) can handle:	76.00 Millimetres	
9.17	Distance between the bow fairlead and chain stopper/bracket:	2,600 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	

<b>10.</b>	<b>PROPULSION</b>		
10.1	Speed	Maximum	Economical
	Ballast speed:	17.40 Knots (WSNP)	14.60 Knots (WSNP)
	Laden speed:	15.50 Knots (WSNP)	14.40 Knots (WSNP)
10.2	What type of fuel is used for main propulsion/generating plant:	HFO	VLSFO
10.3	Type/Capacity of bunker tanks:	Fuel Oil: 1,086.366 Cu. Metres Diesel Oil: 115.528 Cu. Metres Gas Oil: 182.31 Cu. Metres	
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):	Fixed	
10.5	Engines	No	Capacity
	Main engine:	1	6,480 Kilowatt
	Aux engine:	3	550 Kilowatt
	Power packs:	3	1,550 Cu. Metres/Hour
			Make/Type
			STX MAN B&W 6S42MC -MK7
			YANMAR 6N18L- EV
			FRAMO ELEC. MOTOR

				DRIVEN
	Boilers:	1	15 Metric Tonnes/Hour	AALBORG VERTICAL MISSION OL

**Bow/Stern Thruster**

10.6	What is brake horse power of bow thruster (if fitted):	Yes, 690.626 bhp
10.7	What is brake horse power of stern thruster (if fitted):	No,

**Emissions**

10.8	Main engine IMO NOx emission standard:	Tier I
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:	4.40 Metres
11.3	Date/place of last STS operation:	

**12. RECENT OPERATIONAL HISTORY**

12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):	Sunflower seed oil / Veg oil / Veg oil , Acid oil , Corn oil
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, Collision: No,
12.3	Date and place of last Port State Control inspection:	Feb 13, 2023, CHORNOMORSK (ILICHEVSK)
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:	No
12.5	Recent Oil company inspections/screenings (To the best of owners knowledge and without guarantee of acceptance for future business)*: * "Approvals" are not given by Oil Majors and ships are accepted for the voyage on a case by case basis.	Maxcom , Koch
12.6	Date/Place of last SIRE inspection:	Oct 08, 2022 / Nueva Palmira
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](mailto:support@q88.com) an updated copy if this is not the latest version.