

**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 Bazou (9391141)	
1.3	Vessel's previous name(s) and date(s) of change:	Volante (Oct 17, 2021) Royal Flos (Mar 07, 2017)	
1.4	Date delivered/Builder (where built):	Aug 29, 2008/SEKWANG HEAVY INDUSTRIES CO., LTD	
1.5	Flag/Port of Registry:	Liberia/Monrovia	
1.6	Call sign/MMSI:	D5NC8/636017875	
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: +870773070926 , +302102209701 Fax: Email: seabazou@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	
<b>Ownership and Operation</b>			
1.10	Registered owner - Full style:	GSAILOR VENTURES Co. Trust Company Complex Ajeltake Island Majuro MH 96960 Marshall Islands Marshall Islands	
1.11	Technical operator - Full style:	PETROCHEM GENERAL MANAGEMENT S.A. Syngrou Avenue 201, 171 21 Nea Smyrni Athens Greece Tel: +30 210 9310490 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	
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 SA NV	
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 'ESP'(FBC),PRODUCT/II/2G/1.55G(IBC)+KRM1- UMA 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:	Korean Register, Not Applicable	
1.22	Does the vessel have ice class? If yes, state what level:	No, Not Applicable	
1.23	Date/place of last dry-dock:	Jan 10, 2019/Dubai, UAE	
1.24	Date next dry dock due/next annual survey due:	Jan 10, 2022	Aug 28, 2023

1.25	Date of last special survey/next special survey due:		Jan 10, 2019	Aug 28, 2023	
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:		No, Not Applicable		
<b>Dimensions</b>					
1.27	Length overall (LOA):		149.61 Metres		
1.28	Length between perpendiculars (LBP):		142.85 Metres		
1.29	Extreme breadth (Beam):		24.20 Metres		
1.30	Moulded depth:		12.80 Metres		
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:		41.29 Metres	0 Metres (Not Applicable)	
1.32	Distance bridge front to center of manifold:		49.15 Metres		
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):		71.50 Metres	78.14 Metres	
1.34	Parallel body distances		Lightship	Normal Ballast	
	Forward to mid-point manifold:		21.66 Metres	31.93 Metres	
	Aft to mid-point manifold:		26.43 Metres	34.05 Metres	
	Parallel body length:		49.00 Metres	65.50 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:	3.41 Metres	9.41 Metres	19,998 Metric Tonnes	25,814 Metric Tonnes
	Winter:	3.61 Metres	9.21 Metres	19,392 Metric Tonnes	25,208 Metric Tonnes
	Tropical:	3.22 Metres	9.61 Metres	20,609 Metric Tonnes	26,425 Metric Tonnes
	Lightship:	10.40 Metres	2.42 Metres	-	5,817 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):		150 Metric Tonnes		
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. 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.		
1.44	What is the max height of mast above waterline (air draft)		Full Mast	Collapsed Mast	
	Summer deadweight:		32 Metres	0 Metres	

Normal ballast:	36.02 Metres	0 Metres
Lightship:	38.87 Metres	0 Metres

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	Dec 07, 2022	Dec 07, 2022	Jan 31, 2022	Aug 28, 2023
2.2	Safety Radio Certificate (SRC):	Dec 07, 2022	Dec 07, 2022	Jan 12, 2023	Aug 28, 2023
2.3	Safety Construction Certificate (SCC):	Dec 07, 2022	Dec 07, 2022	Jan 12, 2023	Aug 28, 2023
2.4	International Loadline Certificate (ILC):	Dec 07, 2022	Dec 07, 2022	Jan 31, 2022	Aug 28, 2023
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Dec 07, 2022	Dec 07, 2022	Jan 12, 2023	Aug 28, 2023
2.6	International Ship Security Certificate (ISSC):	Apr 15, 2022	Not Applicable	Not Applicable	Apr 14, 2027
2.7	Maritime Labour Certificate (MLC):	Apr 15, 2022	N/A		Oct 14, 2024
2.8	ISM Safety Management Certificate (SMC):	Apr 14, 2022	Not Applicable	Not Applicable	Apr 13, 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):	Oct 17, 2021	N/A	N/A	Aug 28, 2023
2.15	Certificate of Class (COC):	Dec 07, 2022	Dec 07, 2022	Jan 12, 2023	Aug 28, 2023
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Oct 17, 2021	N/A	N/A	Aug 28, 2023
2.17	Certificate of Fitness (COF):	Dec 07, 2022	Dec 07, 2022	Jan 12, 2023	Aug 28, 2023
2.18	International Energy Efficiency Certificate (IEEC):	Oct 17, 2021	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	Jan 31, 2022		Jan 31, 2022	Aug 23, 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)?	Yes
2.23	ITF Blue Card expiry date (if applicable):	

3.	CREW				
3.1	Nationality of Master: Indian				
3.2	Number and nationality of Officers: 9 Indian, Bangladeshi				
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>12</td> </tr> </tbody> </table>	Nationality	Count	Philippines	12
Nationality	Count				
Philippines	12				
3.4	What is the common working language onboard: English				

3.5	Do officers speak and understand English?	Yes (Officers:Indian/Bangladeshi)																											
3.6	If Officers/ratings employed by a manning agency - Full style:	<b>Officers:</b> <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 NAKPIL COR SAN MARCELI NO ST. MALATE MANILA PHILIPPINES</td> <td>+63 524-1111 / +63 525-2222</td> <td>+63 240 403 13</td> <td>hrd@statusmanila.com.ph</td> </tr> </tbody> </table>				Company Name	Address	Phone	Fax	Email	STATUS MARITIME CORP.	1802 NAKPIL COR SAN MARCELI NO ST. MALATE MANILA PHILIPPINES	+63 524-1111 / +63 525-2222	+63 240 403 13	hrd@statusmanila.com.ph	<b>Ratings:</b> <table border="1"> <thead> <tr> <th>Company Name</th> <th>Addresses</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	Addresses	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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<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:										
	Tank ID	Tank PSC	Tank Type	Constr	Coated Y/N	Coating Type	Extent	Condition	Date	Insp date	Insp Freq
	1	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2021-10-31T00:00:00	30 Months
	1	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2021-10-31T00:00:00	30 Months
	2	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2021-10-31T00:00:00	30 Months
	2	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2021-10-31T00:00:00	30 Months
	3	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2021-11-10T00:00:00	30 Months
	3	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-12-12T00:00:00	30 Months

4	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-12-12T00:00:00	30 Months
4	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2021-10-31T00:00:00	30 Months
5	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2021-11-10T00:00:00	30 Months
5	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-12-12T00:00:00	30 Months
6	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-12-12T00:00:00	30 Months
6	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2021-10-31T00:00:00	30 Months
7	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2021-11-10T00:00:00	30 Months
7	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2021-11-10T00:00:00	30 Months
8	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2021-10-31T00:00:00	30 Months
8	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2021-10-31T00:00:00	30 Months

Anodes: No

Ballast tanks:

ID	Coated?	Type	Extent	Condition	Coating date	Insp date	Insp freq
FPT	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
1P	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
1S	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
2P	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
2S	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
3P	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
3S	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
4P	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
4S	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
5P	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
5S	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
6P	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
6S	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
7P	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
7S	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
8P	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
8S	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual
APT	Yes	Epoxy	Full Tank	Good	2008-08-28T00:00:00	2022-01-31T00:00:00	Annual

Anodes: Yes

	Coated	Type	Extent	Anodes
Slop tanks:	Yes	EPOXY (Sigma Phenguard)	Whole Tank	N/A

<b>7.</b>	<b>BALLAST</b>				
7.1	Ballast Handling Data				
	<b>Number</b>	<b>Type</b>	<b>Prime mover type</b>	<b>Capacity (m3/hr)</b>	<b>Head (bar)</b>
	1	CENTRIFUGAL	HYDRAULIC	350	20
	2	CENTRIFUGAL	HYDRAULIC	350	20

<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: <b>Yes, Solid</b>

<b>Cargo Tank Capacities</b>	
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8.2	Cargo Tank Capacities at 98% Full - Centre:		
	Total Centre: <b>0 Cu. Metres</b>		
	Cargo Tank Capacities at 98% Full - Wing:		
	<b>Tank Number</b>	<b>Capacity (m3)</b>	<b>P/S</b>
	COT 1P	780.1	Port
	COT 1S	777.1	Stbd
	COT 2P	1601.3	Port
	COT 2S	1599.4	Stbd
	COT 3P	1351.4	Port
	COT 3S	1353.4	Stbd
	COT 4P	1353.4	Port
	COT 4S	1354.4	Stbd
	COT 5P	1351.4	Port
	COT 5S	1353.4	Stbd
	COT 6P	1352.4	Port
	COT 6S	1352.4	Stbd
	COT 7P	1350.4	Port
	COT 7S	1351.4	Stbd
	COT 8P	1276	Port
	COT 8S	1277.9	Stbd
	Total Wing: <b>21,598.22 Cu. Metres</b>		

8.2.1	Capacity (max% per company policy: 98%, 97%, 96% or 95%) of each natural segregation with double valve (specify tanks):	1P - 780.080 / 1S - 777.140 2P - 1601.320 / 2S - 1599.360 3P - 1351.420 / 3S - 1353.380 4P - 1353.380 / 4S - 1354.360 5P - 1351.420 / 5S - 1353.380 6P - 1352.4 / 6S - 1352.4 7P - 1350.44 / 7S - 1351.420 8P - 1275.960 / 8S - 1277.920
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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	762.44 Cu. Metres
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8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:	SLOP P - 372.4 SLOP SB - 390.04
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8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:	22.179 Cu. Metres
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<b>SBT Vessels</b>	
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8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?	7,748.31 Cu. Metres	39.71 %					
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 S.G/1.55, SLOSHING/20~80% CAP./98% IN VOLUME, FILLING RATIO/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						
	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:	N/A,						
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 valves						
<b>Cargo Manifolds and Reducers</b>								
8.15	Total number/size of cargo manifold connections on each side: No.: 18 Size:							
		<b>Manifold</b>	<b>PCS</b>	<b>Size</b>	<b>Unit</b>	<b>Pressure Rating</b>	<b>Unit PR</b>	<b>Standard</b>
		1	P	150	mm	10	Bar	ANSI
		2	P	150	mm	10	Bar	ANSI
		3	P	150	mm	10	Bar	ANSI
		4	P	150	mm	10	Bar	ANSI
		5	P	150	mm	10	Bar	ANSI
		6	P	150	mm	10	Bar	ANSI
		7	P	150	mm	10	Bar	ANSI
		8	P	150	mm	10	Bar	ANSI
		1	S	150	mm	10	Bar	ANSI
		2	S	150	mm	10	Bar	ANSI
		3	S	150	mm	10	Bar	ANSI

	4	S	150	mm	10	Bar	ANSI
	5	S	150	mm	10	Bar	ANSI
	6	S	150	mm	10	Bar	ANSI
	7	S	150	mm	10	Bar	ANSI
	8	S	150	mm	10	Bar	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 150/100mm (6/4") 3 x 150/200mm (6/8") 3 x 150/250mm (6/10") 3 x 200/250mm (8/10") 1 x 250/300mm (10/12") ANSI
8.26	Is vessel fitted with a stern manifold? If yes, state size:	No, 0 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	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?										No,			
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:													
<b>Inert Gas and Crude Oil Washing</b>														
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/			
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:										600 cu.m / hr Each			
<b>Cargo Pumps</b>														
8.31	How many cargo pumps can be run simultaneously at full capacity:										4			
8.32	Cargo Pump Data													
	Pump Identity		Pump Location		Type		Type of prime mover		Capacity		At what head?			
	FRAMO PUMP SD125-5		Cargo Tank		Centrifugal		Hydraulic		200		120			
	FRAMO PUMP SD150-5		Cargo Tank		Centrifugal		Hydraulic		300		120			
	FRAMO PUMP TK80		Cargo Tank		Centrifugal		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?										6			
<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, N/A			
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														
	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 2 Date	Status of line/tail	Condition of line/tail
	Ropes	FWD PORT OUTE	KAPA FLOAT	48	220	39	48.7	0	19.5	0	2021-03-04T00:00:00	2021-03-04T00:00:00	2026-03-04T00:00:00	In Use	Suitable

	R														
Ropes	FWD PORT INNER	KAPA FLOAT	48	220	39	48.7	0	19.5	0	2022-08-29T00:00:00	2022-08-29T00:00:00	2027-08-29T00:00:00	In Use	Suitable	
Ropes	FWD STBD INNER	KAPA FLOAT	48	220	39	48.7	0	19.5	0	2020-08-21T00:00:00	2020-08-21T00:00:00	2025-08-21T00:00:00	In Use	Suitable	
Ropes	FWD STBD OUTER	KAPA FLOAT	48	220	39	48.7	0	19.5	0	2022-08-29T00:00:00	2022-08-29T00:00:00	2027-08-29T00:00:00	In Use	Suitable	
Ropes	AFT PORT OUTER	KAPA FLOAT	48	220	39	48.7	0	19.5	0	2022-08-20T00:00:00	2022-08-20T00:00:00	2027-08-20T00:00:00	In Use	Suitable	
Ropes	AFT PORT INNER	KAPA FLOAT	48	220	39	48.7	0	19.5	0	2022-08-20T00:00:00	2022-08-20T00:00:00	2027-08-20T00:00:00	In Use	Suitable	
Ropes	AFT STBD INNER	KAPA FLOAT	48	220	39	48.7	0	19.5	0	2020-08-21T00:00:00	2020-08-21T00:00:00	2025-08-21T00:00:00	In Use	Suitable	
Ropes	AFT STBD OUTER	KAPA FLOAT	48	220	39	48.7	0	19.5	0	2020-08-21T00:00:00	2020-08-21T00:00:00	2025-08-21T00:00:00	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	2.5	Manual	30.8	23.1	2022-01-25T00:00:00	23	ANNUALLY
2	Yes	Hydraulic	No	16	2.5	Manual	30.8	23.1	2022-01-25T00:00:00	23	ANNUALLY
3	Yes	Hydraulic	No	16	2.5	Manual	30.8	23.1	2022-01-25T00:00:00	23	ANNUALLY
4	Yes	Hydraulic	No	16	2.5	Manual	30.8	23.1	2022-01-25T00:00:00	23	ANNUALLY
5	Yes	Hydraulic	No	16	2.5	Manual	30.8	23.1	2022-01-25T00:00:00	23	ANNUALLY
6	Yes	Hydraulic	No	16	2.5	Manual	30.8	23.1	2022-01-25T00:00:00	23	ANNUALLY
7	Yes	Hydraulic	No	16	2.5	Manual	30.8	23.1	2022-01-25T00:00:00	23	ANNUALLY
8	Yes	Hydraulic	No	16	2.5	Manual	30.8	23.1	2022-01-25T00:00:00	23	ANNUALLY

9.3 Provide Details of Mooring bollards and bitts

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

**Anchors/Emergency Towing System**

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:	Not Applicable 0 Metric Tonnes
9.10.1	What is size of closed chock and/or fairleads of enclosed type on stern	Not Applicable

**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 Cranes: 1 x 10 Tons, CENTER
9.13	Accommodation ladder direction:	Aft
	Does vessel have a portable gangway? If yes, state length:	Yes, 9 Metres

**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)':?	Yes
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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
Stbd	Tongue	Manual	200	76	76

9.16	What is the maximum size chain diameter the bow stopper(s) can handle:	76 Millimetres
9.17	Distance between the bow fairlead and chain stopper/bracket:	2,900 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 0
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<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 380 CST
10.3	Type/Capacity of bunker tanks:		Fuel Oil: 1,086 Cu. Metres Diesel Oil: 116 Cu. Metres Gas Oil: 182 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	6,480 Kilowatt	STX-MAN B&W 6S42MC-MK7
	Aux engine:	3	550 Kilowatt	YANMAR, 6N18L-EV
	Power packs:	3	300 Cu. Metres/Hour	FRAMO, OCE355-3
	Boilers:	1	15 Metric Tonnes/Hour	AALBORG, MISSION TM OL
<b>Bow/Stern Thruster</b>				
10.6	What is brake horse power of bow thruster (if fitted):		Yes, 700 bhp	
10.7	What is brake horse power of stern thruster (if fitted):		N/A,	
<b>Emissions</b>				
10.8	Main engine IMO NOx emission standard:		Tier I	
10.9	Energy Efficiency Design Index (EEDI) rating number:			

<b>11.</b>	<b>SHIP TO SHIP TRANSFER</b>			
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:			

<b>12.</b>	<b>RECENT OPERATIONAL HISTORY</b>			
12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):		Veg oil / Gas oil / Gas oil / Gas 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, N/A Grounding: No, N/A Casualty: No, N/A Repair: No, No Collision: No, N/A	
12.3	Date and place of last Port State Control inspection:		Feb 19, 2023, Piraeus	
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:		No NIL.	
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.		Alma	
12.6	Date/Place of last SIRE inspection:		Feb 16, 2023 / Alexandria	
12.6.1	Date/Place of last CDI inspection:		/	
12.7	Additional information relating to features of the ship or operational characteristics:		N/A	

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