

**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 La Vie (9360336)	
1.3	Vessel's previous name(s) and date(s) of change:	Ridgebury Saturn (Sep 17, 2022) Atlantic Breeze (Jul 30, 2021)	
1.4	Date delivered/Builder (where built):	Aug 30, 2007/Hyundai Mipo Dockyard	
1.5	Flag/Port of Registry:	Liberia/Monrovia	
1.6	Call sign/MMSI:	5LHY2/636022260	
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: 463737260/463737265 Fax: Email: sealavie@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:	MONTEREY SERVICES INC 80 BROADSTREET, MONROVIA, LIBERIA Liberia Tel: +302109310490 Email: info@pc-gm.com	
1.11	Technical operator - Full style:	PETROCHEM GENERAL MANAGEMENT SA SYNGROU 201, 17121, ATHENS, GREECE Greece Tel: +302109310490 Email: marine-vetting@pc-gm.com Company IMO#: 5536504	
1.12	Commercial operator - Full style:	Petrochem General Management S.A SYNGROU AVENUE 201, 1721, NEA SMYRNI, ATHENS GREECE Greece Tel: +302109310490 Email: info@pc-gm.com	
1.13	Disponent owner - Full style:	N/A	
<b>Insurance</b>			
1.14	P & I Club - Full Style:	STEAMSHIP	
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)	WTW	
1.17	Hull & Machinery insured value/expiration date:	25,000,000 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) CRUDE/PRODUCT/II 2G /1.025 SG (IBC) CLEAN1 IWS ERS L1 + KRM 1, UMA BWE VEC2 STCM IGS COW.	

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:		No,	
1.23	Date/place of last dry-dock:		Jul 29, 2017/JINGJIANG, CHINA	
1.24	Date next dry dock due/next annual survey due:		Feb 28, 2023	Nov 29, 2022
1.25	Date of last special survey/next special survey due:		Jul 29, 2017	Feb 28, 2023
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:		No,	
<b>Dimensions</b>				
1.27	Length overall (LOA):		183.21 Metres	
1.28	Length between perpendiculars (LBP):		174 Metres	
1.29	Extreme breadth (Beam):		32.24 Metres	
1.30	Moulded depth:		18.80 Metres	
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:		47.48 Metres	
1.32	Distance bridge front to center of manifold:		56.75 Metres	
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):		92.22 Metres	90.99 Metres
1.34	Parallel body distances	Lightship	Normal Ballast	Summer Dwt
	Forward to mid-point manifold:	38.25 Metres	44 Metres	44.30 Metres
	Aft to mid-point manifold:	13.33 Metres	36.20 Metres	52.30 Metres
	Parallel body length:	51.48 Metres	80.20 Metres	96 Metres
<b>Tonnages</b>				
1.35	Net Tonnage:		13,134	
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):		29,266	22,103
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):		30,870.02	27,285.61

1.38	Panama Canal Net Tonnage (PCNT):				24,299
<b>Loadline Information</b>					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	6.06 Metres	12.76 Metres	49,999 Metric Tonnes	59,151 Metric Tonnes
	Winter:	6.32 Metres	12.50 Metres	48,601 Metric Tonnes	57,753 Metric Tonnes
	Tropical:	5.79 Metres	13.03 Metres	51,401 Metric Tonnes	60,553 Metric Tonnes
	Lightship:	16.38 Metres	2.44 Metres	-	9,152 Metric Tonnes
	Normal Ballast Condition:	11.82 Metres	7 Metres	21,139 Metric Tonnes	30,219 Metric Tonnes
	Segregated Ballast Condition:	11.82 Metres	7 Metres	21,139 Metric Tonnes	30,219 Metric Tonnes
1.40	FWA/TPC at summer draft:			281 Millimetres	52.60 Metric Tonnes
1.41	Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:			Yes Assigned Deadweight 1: 49,999 Assigned Deadweight 2: 47,128 Assigned Deadweight 3: 44,999 Assigned Deadweight 4: 39,999 Assigned Deadweight 5: 34,999	
1.42	Constant (excluding fresh water):			200 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 area 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:	35.672 Metres	0 Metres
	Normal ballast:	40.89 Metres	0 Metres
	Lightship:	45.93 Metres	0 Metres

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	Feb 15, 2023			May 28, 2023
2.2	Safety Radio Certificate (SRC):	Sep 17, 2022	Not Applicable		Aug 29, 2027
2.3	Safety Construction Certificate (SCC):	Feb 15, 2023			May 28, 2023
2.4	International Loadline Certificate (ILC):	Feb 15, 2023			May 28, 2023
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Feb 15, 2023			May 28, 2023
2.6	International Ship Security Certificate (ISSC):	Sep 18, 2022	Not Applicable	Not Applicable	Mar 17, 2023
2.7	Maritime Labour Certificate (MLC):	Sep 19, 2022	N/A		Mar 18, 2023
2.8	ISM Safety Management Certificate (SMC):	Sep 18, 2022	Not Applicable	Not Applicable	Mar 17, 2023
2.9	Document of Compliance (DOC):	May 11, 2022	Jan 31, 2023		Nov 04, 2025
2.10	USCG Certificate of Compliance(USCGCOC):	Mar 16, 2021	May 09, 2022	Not Applicable	Mar 16, 2023
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):	Sep 23, 2022	N/A	N/A	Sep 23, 2023
2.15	Certificate of Class (COC):	Feb 15, 2023	Not Applicable	Not Applicable	May 28, 2023
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Sep 17, 2022	N/A	N/A	Aug 29, 2027
2.17	Certificate of Fitness (COF):	Feb 15, 2023	Not Applicable	Not Applicable	May 28, 2023
2.18	International Energy Efficiency Certificate (IEEC):	Feb 15, 2023	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	Sep 17, 2022			Aug 29, 2027
<b>Documentation</b>					

2.20	Owner warrant that vessel is member of ITOFP 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	Filipino	
3.3	Number and nationality of Crew:					
				<b>Nationality</b>	<b>Count</b>	
				PHILIPPINES	11	
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:	<b>Officers:</b>			<b>Ratings:</b>	
		<b>Company Name</b>	<b>Address</b>	<b>Phone</b>		<b>Fax</b>
		Status Maritime Corp	1802 San Marcelino Cor. K. Nakpil St. Malate, Manila Philippines	+63240403 45	+63240403 13	operations@statusmanila.com.ph

<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:	Hudson Marine Management Service Tel: +1 856 283 7511
4.3	Oil Spill Response Organization (OSRO) - Full style:	National Response Corporation Tel: +1 (631) 224-9141 / + 1800-883-4672
4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	Resolve Marine Tel: +1 95447648700

<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	3	Mild Steel	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-09-26T00:00:00	30 Months
1	S	3	Mild Steel	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-09-26T00:00:00	30 Months
2	P	3	Mild Steel	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-09-26T00:00:00	30 Months
2	S	3	Mild Steel	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-09-26T00:00:00	30 Months
3	P	3	Mild Steel	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-09-26T00:00:00	30 Months
3	S	3	Mild Steel	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-09-26T00:00:00	30 Months
4	P	3	Mild Steel	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-09-26T00:00:00	30 Months
4	S	3	Mild Steel	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-09-26T00:00:00	30 Months
5	P	3	Mild Steel	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-09-26T00:00:00	30 Months
5	S	3	Mild Steel	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-09-26T00:00:00	30 Months
6	P	3	Mild Steel	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-09-26T00:00:00	30 Months
6	S	3	Mild Steel	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-09-26T00:00:00	30 Months

Anodes: No

Ballast tanks:

ID	Coated?	Type	Extent	Condition	Coating date	Insp date	Insp freq
FPT	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-10-06T00:00:00	Annual
1 WINGS	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-10-06T00:00:00	Annual
2 WINGS	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-10-06T00:00:00	Annual
3 WINGS	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-10-06T00:00:00	Annual
4 WINGS	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-10-06T00:00:00	Annual
5 WINGS	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-10-06T00:00:00	Annual
6 WINGS	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-10-06T00:00:00	Annual
APT	Yes	Epoxy	Full Tank	Good	2007-07-06T00:00:00	2022-10-06T00:00:00	Annual

Anodes: Yes

	Coated	Type	Extent	Anodes
Slop tanks:	Yes	Pure epoxy	Whole Tank	

<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>2</td> <td>FRAMO</td> <td>HYDRAULIC</td> <td>750</td> <td>25</td> </tr> </tbody> </table>	Number	Type	Prime mover type	Capacity (m3/hr)	Head (bar)	2	FRAMO	HYDRAULIC	750	25
Number	Type	Prime mover type	Capacity (m3/hr)	Head (bar)							
2	FRAMO	HYDRAULIC	750	25							

<b>8.</b>	<b>CARGO</b>		
<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>	<b>P/S</b>
	1	3381.88	Stbd
	2	4569.35	Port
	1	3381.88	Port
	2	4569.35	Stbd
	3	4658.82	Port
	3	4658.82	Stbd
	4	4658.82	Port
	4	4658.82	Stbd
	5	4650.39	Port
	5	4650.69	Stbd
	6	4034.07	Port
	6	4034.07	Stbd
	Total Wing: 51,906.80 Cu. Metres		
8.2.1	Capacity (max% per company policy: 98%, 97%, 96% or 95%) of each natural segregation with double valve (specify tanks):	Seg#1: 6763.8 m3 (1(P&S)) Seg#2: 9138.8 m3 (2(P&S)) Seg#3: 9317.6 m3 (3(P&S)) Seg#4: 9317.6 m3 (4(P&S)) Seg#5: 9300.8 m3 (5(P&S)) Seg#6: 8068.2 m3 (6(P&S))	
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	1,174.80 Cu. Metres
8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:	Seg 7 1174.8 m3 ( slop p/s )	
8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:	102.90 Cu. Metres	
<b>SBT Vessels</b>			
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?	23,892.60 Cu. Metres	51.96 %
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:	6	
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 1. For SG up to 1.025	

		<p>there are no sloshing/filling restrictions</p> <p>2. For SG 1.55 max. filling ht percentage for cargo and slop tanks is 66%</p> <p>3. Filling restrictions for intermediate SG between 1.025 and 1.55 will be lenier interpolation: %Ht filling= (1.025 x 100)/(Int. SG) as percentage</p>					
8.6	Max loading rate for homogenous cargo	With VECS	Without VECS				
	Loaded per manifold connection:	1,200 Cu. Metres/Hour	1,834 Cu. Metres/Hour				
	Loaded simultaneously through all manifolds:	3,600 Cu. Metres/Hour	3,600 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:	Yes, Hermatic type , 3 points					
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):	2	300 Millimetres				
8.13	Number/size/type of VECS reducers:	4 pcs 300 to 300 mm , 2 pcs 300 to 400 mm , all ANSI 150 PSI					
<b>Venting</b>							
8.14	State what type of venting system is fitted:	Common IG Line with independent high velocity PV valves.					
<b>Cargo Manifolds and Reducers</b>							
8.15	Total number/size of cargo manifold connections on each side:						
	No.: 6						
	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	300	mm	15	Bar	ANSI
	1	S	300	mm	15	Bar	ANSI
	2	P	300	mm	15	Bar	ANSI
	2	S	300	mm	15	Bar	ANSI
3	P	300	mm	15	Bar	ANSI	



	3	S	300	mm	15	Bar	ANSI					
	4	P	300	mm	15	Bar	ANSI					
	4	S	300	mm	15	Bar	ANSI					
	5	P	300	mm	15	Bar	ANSI					
	5	S	300	mm	15	Bar	ANSI					
	6	P	300	mm	15	Bar	ANSI					
	6	S	300	mm	15	Bar	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:										SUS 316 L/	
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:										2,000 Millimetres	
8.19	Distance ships rail to manifold:										4,600 Millimetres	
8.20	Distance manifold to ships side:										4,600 Millimetres	
8.21	Top of rail to center of manifold:										650 Millimetres	
8.22	Distance main deck to center of manifold:										2,100 Millimetres	
8.23	Spill tank grating to center of manifold:										900 Millimetres	
8.24	Manifold height above the waterline in normal ballast/at SDWT condition:										14.19 Metres	8.71 Metres
8.25	Number/size/type of reducers:										6 x 300/200mm (12/8") 6 x 300/250mm (12/10") 12 x 300/400mm (12/16") ANSI	
8.26	Is vessel fitted with a stern manifold? If yes, state size:										No,	
<b>Heating</b>												
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	No	No	0	0	0	0	Coupled	SS
	1	S	Yes	External	No	No	0	0	0	0	Coupled	SS
	2	P	Yes	External	No	No	0	0	0	0	Coupled	SS
	2	S	Yes	External	No	No	0	0	0	0	Coupled	SS
	3	P	Yes	External	No	No	0	0	0	0	Coupled	SS
	3	S	Yes	External	No	No	0	0	0	0	Coupled	SS
	4	P	Yes	External	No	No	0	0	0	0	Coupled	SS
	4	S	Yes	External	No	No	0	0	0	0	Coupled	SS
	5	P	Yes	External	No	No	0	0	0	0	Coupled	SS
	5	S	Yes	External	No	No	0	0	0	0	Coupled	SS
	6	P	Yes	External	No	No	0	0	0	0	Coupled	SS
	6	S	Yes	External	No	No	0	0	0	0	Coupled	SS
	7	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	7	S	No	Internal	No	Yes	2	150	40	0.04	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	66 °C / 150.8 °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/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:		
<b>Cargo Pumps</b>			
8.31	How many cargo pumps can be run simultaneously at full capacity:	6	
8.32	Cargo Pump Data		
	<b>Pump Identity</b>	<b>Pump Location</b>	<b>Type</b>
	FRAMO SUBMERSIBLE	Cargo Tank	Centrifugal
			<b>Type of prime mover</b>
			Hydraulic
			<b>Capacity</b>
			600
			<b>At what head?</b>
			125
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 70 Degrees Celsius	
8.38	What is the maximum number of machines that can be operated at their designed max pressure?	4	
<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														
	<b>Type</b>	<b>Location and Identity</b>	<b>Material</b>	<b>Diameter/size</b>	<b>Length</b>	<b>LDBF(100-105 % of SDMBL (Tonnes))</b>	<b>TDBF(125-130 % of SDMBL (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>Renewal Date</b>	<b>Status of line/tail</b>	<b>Condition of line/tail</b>
	Ropes	WINCH 1 DRUM 1	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200919	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
	Ropes	WINCH 1 DRUM 2	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200920	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
	Ropes	WINCH 2 DRUM 3	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200921	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable

Ropes	WINCH 2 DRUM 4	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 922	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	WINCH 3 DRUM 5	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 923	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	WINCH 3 DRUM 6	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 924	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	WINCH 4 DRUM 7	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 925	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	WINCH 4 DRUM 8	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 926	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	WINCH 5 DRUM 9	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 927	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	WINCH 5 DRUM 10	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 928	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	WINCH 6 DRUM 11	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 929	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	WINCH 6 DRUM 12	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 930	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	WINCH 7 DRUM 13	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 931	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	WINCH 7 DRUM 14	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 932	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	WINCH 8 DRUM 15	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 933	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	WINCH 8 DRUM 16	POLYPROPYLENE	40	220	51	51	25.5	25.5	8/200 934	2021-11-01T00:00:00	2021-11-01T00:00:00	2027-11-01T00:00:00	In Use	Suitable
Ropes	FORECASTLE STORE	HIGH TENACITY POLYOLEFIN	56	220	61	61	30.5	30.5	17886 A-1	2022-05-02T00:00:00	2022-05-02T00:00:00	2028-05-02T00:00:00	Spare	Suitable
Ropes	FORECASTLE	HIGH TENACITY POLYOLEFIN	56	220	61	61	30.5	30.5	17886 A-2	2022-05-	2022-05-	2028-05-	Spare	Suitable

		STORE									02T00:00:00	02T00:00:00	02T00:00:00		
Ropes	FORCASTLE STORE	HIGH TENACITY POLYOLEFIN	56	220	61	61	30.5	30.5	17886 A-3	2022-05-02T00:00:00	2022-05-02T00:00:00	2028-05-02T00:00:00	Spare	Suitable	
Ropes	FORCASTLE STORE	HIGH TENACITY POLYOLEFIN	56	220	61	61	30.5	30.5	17886 A-4	2022-05-02T00:00:00	2022-05-02T00:00:00	2028-05-02T00:00:00	Spare	Suitable	
Ropes	FORECASTLE STORE	HIGH TENACITY POLYOLEFIN	56	220	61	61	30.5	30.5	17886 A-5	2022-05-02T00:00:00	2022-05-02T00:00:00	2028-05-02T00:00:00	Spare	Suitable	
Ropes	FORECASTLE STORE	HIGH TENACITY POLYOLEFIN	56	220	61	61	30.5	30.5	17886 A-6	2022-05-02T00:00:00	2022-05-02T00:00:00	2028-05-02T00:00:00	Spare	Suitable	
Ropes	FORECASTLE STORE	HIGH TENACITY POLYOLEFIN	56	220	61	61	30.5	30.5	17886 A-7	2022-05-02T00:00:00	2022-05-02T00:00:00	2028-05-02T00:00:00	Spare	Suitable	
Ropes	FORECASTLE STORE	HIGH TENACITY POLYOLEFIN	56	220	61	61	30.5	30.5	17886 A-8	2022-05-02T00:00:00	2022-05-02T00:00:00	2022-05-02T00:00:00	Spare	Suitable	
Ropes	FORECASTLE STORE	HIGH TENACITY POLYOLEFIN	56	220	61	61	30.5	30.5	17886 A-9	2022-05-02T00:00:00	2022-05-02T00:00:00	2028-05-02T00:00:00	Spare	Suitable	
Ropes	FORECASTLE STORE	HIGH TENACITY POLYOLEFIN	56	220	61	61	30.5	30.5	17886 A-10	2022-05-02T00:00:00	2022-05-02T00:00:00	2028-05-02T00:00:00	Spare	Suitable	
Ropes	FORECASTLE STORE	ESTALON(POLYESTER/POLYPROPYLENE MELT MIXTURE)	56	220	62	62	31	31	T24530-0/068644	2022-01-10T00:00:00	2022-01-10T00:00:00	2028-01-10T00:00:00	Spare	Suitable	
Ropes	FORECASTLE STORE	ESTALON(POLYESTER/POLYPROPYLENE MELT MIXTURE)	56	220	62	62	31	31	T24936-0/069011	2022-01-10T00:00:00	2022-01-10T00:00:00	2028-01-10T00:00:00	Spare	Suitable	
Ropes	FORECASTLE STORE	ESTALON(POLYESTER/POLYPROPYLENE MELT MIXTURE)	56	220	62	62	31	31	T24937-0/069012	2022-01-10T00:00:00	2022-01-10T00:00:00	2028-01-10T00:00:00	Spare	Suitable	
Ropes	FORECASTLE STORE	ESTALON(POLYESTER/POLYPROPYLENE MELT MIXTURE)	56	220	62	62	31	31	T24938-0/069013	2022-01-10T00:00:00	2022-01-10T00:00:00	2028-01-10T00:00:00	Spare	Suitable	
Ropes	FORECASTLE STORE	ESTALON(POLYESTER/POLYPROPYLENE MELT MIXTURE)	60	220	62	62	31	31	T24726-0/068774	2022-01-10T00:00:00	2022-01-10T00:00:00	2028-01-10T00:00:00	Spare	Suitable	
Ropes	FORECASTLE STORE	ESTALON(POLYESTER/POLYPROPYLENE MELT MIXTURE)	60	220	62	62	31	31	T24727-0/068775	2022-01-10T00:00:00	2022-01-10T00:00:00	2028-01-10T00:00:00	Spare	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	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
2	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
3	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
4	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
5	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
6	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
7	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
8	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
9	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
10	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
11	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
12	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
13	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
14	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
15	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY
16	Yes	Hydraulic	Yes	16	0.25	Manual	40.8	30.6	2022-09-19T00:00:00	30.6	ANNUALLY

9.3 Provide Details of Mooring bollards and bitts				
Location	Identity No	Certificate Number	Size (mm)	SWL (tonnes)
Forecastle	1	MFF05 - PANAMA	400	64
Forecastle	2	MFF05 - PANAMA	400	64
Forecastle	3	MFF05 - PANAMA	400	64
Forecastle	4	MFF05 - PANAMA	400	64
Maindeck Forward (Port)	5	MFS07	400	52
Maindeck Forward (Stbd)	6	MFS07	400	52
Maindeck Forward (Port)	7	MFS07	400	52
Maindeck Forward (Stbd)	8	MFS07	400	52
Maindeck Forward (Port)	9	MFS18 - PANAMA	350	46

	Maindeck Forward (Stbd)	10	MFS18 - PANAMA	350	46
	Maindeck Forward (Port)	11	MFS09 - MANIFOLD	300	25
	Maindeck Forward (Stbd)	12	MFS09 - MANIFOLD	300	25
	Maindeck Forward (Port)	13	MFS09 - MANIFOLD	300	25
	Maindeck Forward (Stbd)	14	MFS09 - MANIFOLD	300	25
	Poop Deck (Port)	15	MFN08 - PANAMA	400	64
	Poop Deck (Stbd)	16	MFN08 - PANAMA	400	64
	Poop Deck (Port)	17	MFN09 - PANAMA	350	46
	Poop Deck (Stbd)	18	MFN09 - PANAMA	350	46
	Poop Deck (Port)	19	MFN10	400	64
	Poop Deck (Stbd)	20	MFN10	400	64
	Poop Deck (Port)	21	MFE03 - PANAMA	400	64
	Poop Deck (Stbd)	22	MFE03 - PANAMA	400	64
	Poop Deck (Port)	23	MFE04 - PANAMA	350	46
	Poop Deck (Stbd)	24	MFE04 - PANAMA	350	46

9.4	Provide details of Mooring Fairleads/Chocks				

**Anchors/Emergency Towing System**

9.7	Number of shackles on port/starboard cable:	12/11			
9.8	Type/SWL of Emergency Towing system forward:	CHAIN STOPPER AND CABLE	200 Metric Tonnes		
9.9	Type/SWL of Emergency Towing system aft:	Pick up Gear ETS	100 Metric Tonnes		
9.10.1	What is size of closed chock and/or fairleads of enclosed type on stern	350 x 300			

**Escort Tug**

9.10.2	What is SWL of closed chock and/or fairleads of enclosed type on stern:	100 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 10.00 Tonnes Center			
9.13	Accommodation ladder direction:	Aft			
	Does vessel have a portable gangway? If yes, state length:	Yes, 15 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
Port	Tongue	Manual	200	50	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:	3.50 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			

**10. PROPULSION**

10.1	Speed		Maximum	Economical
	Ballast speed:		14 Knots (WSNP)	12.50 Knots (WSNP)
	Laden speed:		14 Knots (WSNP)	12.50 Knots (WSNP)
10.2	What type of fuel is used for main propulsion/generating plant:		HFO	VLSFO / LSMGO
10.3	Type/Capacity of bunker tanks:		Fuel Oil:	Diesel Oil:
			Gas Oil:	
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):		Fixed	
10.5	Engines	No	Capacity	Make/Type
	Main engine:	1	9,480 Kilowatt	Hyundai B 7 W 6S50 MC
	Aux engine:	3	912 Kilowatt	Hyundai Himse n 5H21/ 32
	Power packs:	4	1,602 Cu. Metres/Hour	FRAMO
	Boilers:	1	18 Metric Tonnes/Hour	Kangrim PB030 2AS12
<b>Bow/Stern Thruster</b>				
10.6	What is brake horse power of bow thruster (if fitted):		No,	
10.7	What is brake horse power of stern thruster (if fitted):		No,	
<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:		7.90 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):		uan / ums/gas oil / ums	
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:		May 09, 2022, Long Beach, California	
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.		Alma Petroli	

12.6	Date/Place of last SIRE inspection:	Oct 19, 2022 / La Libertad
12.6.1	Date/Place of last CDI inspection:	/
12.7	Additional information relating to features of the ship or operational characteristics:	

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.