INTERTANKO CHARTERING QUESTIONNAIRE 88 - OIL/CHEMICAL

1.	**GENERAL INFORMATION**		
1.1	Date updated:	Mar 10, 2023	
1.2	Vessel's name (IMO number):	Sea Light (9428023)	
1.3	Vessel's previous name(s) and date(s) of change:	M.Y. ANTARCTIC (May 18, 2014)	
1.4	Date delivered/Builder (where built):	Jan 12, 2009/STX SHIPBUILDING CO., LTD	
1.5	Flag/Port of Registry:	Liberia/Monrovia	
1.6	Call sign/MMSI:	D5OM8/636021368	
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: +87077306093 Fax: Email: sealight@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 LIGHT SHIPHOLDING S.A. Trust Company, Ajetake Island, Ajetake Road Majuro, MH96960 MARSHALL ISLANDS Greece Tel: +30 2109310490 Email: marine-vetting@pc-gm.com	
1.11	Technical operator - Full style:	Petrochem General Management SA Syngrou Avenue 201, 171 21 Nea Smyrni Greece Tel: +30210310490 Email: marine-vetting@pc-gm.com Company IMO#: 5536504	
1.12	Commercial operator - Full style:	Petroleum General Management SA 201 Syngrou Avenue , Nea Smyrni , Athens 17121 Greece Greece Tel: +302109310490 Email: operation@pc-gm.com	
1.13	Disponent owner - Full style:		
Insurance			
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: +352 4700671 Fax: +352 225253 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)	Wilis Towers Watson as brokers	
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 +HUL + MACHOil tanker ESP ; Chemical tanker	

			ESPUnrestricted navigation+AUT-UMS, +AUT-PORT, MON-SHAFT, VCS-TRANSFER, CLEANSHIP, Protected FO Tanks , INWATERSURVEY , +ALP	
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, May 18, 2014	
1.22	Does the vessel have ice class? If yes, state what level:		No, na	
1.23	Date/place of last dry-dock:		Jul 28, 2020/Santander	
1.24	Date next dry dock due/next annual survey due:		Jan 23, 2023	
1.25	Date of last special survey/next special survey due:		Jul 22, 2017	Jan 22, 2023
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:		No,	
Dimensions				
1.27	Length overall (LOA):			120 Metres
1.28	Length between perpendiculars (LBP):			113.29 Metres
1.29	Extreme breadth (Beam):			20.40 Metres
1.30	Moulded depth:			11.90 Metres
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:		36 Metres	0 Metres
1.32	Distance bridge front to center of manifold:			31.20 Metres
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):		61.40 Metres	58.60 Metres
1.34	Parallel body distances	Lightship	Normal Ballast	Summer Dwt
	Forward to mid-point manifold:	46.50 Metres	62.70 Metres	74.55 Metres
	Aft to mid-point manifold:	21.10 Metres	33.90 Metres	40.35 Metres
	Parallel body length:	2.20 Metres	4.69 Metres	8.65 Metres
Tonnages				
1.35	Net Tonnage:			3,725
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):		8,247	6,976
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):		9,047.94	6,793.39

1.38	Panama Canal Net Tonnage (PCNT):				6,974
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	3.26 Metres	8.65 Metres	12,947.99 Metric Tonnes	16,668 Metric Tonnes
	Winter:	3.44 Metres	8.48 Metres	12,556 Metric Tonnes	16,276 Metric Tonnes
	Tropical:	3.08 Metres	8.48 Metres	13,342.50 Metric Tonnes	17,062.50 Metric Tonnes
	Lightship:	9.70 Metres	2.20 Metres	-	3,720 Metric Tonnes
	Normal Ballast Condition:	7.21 Metres	4.69 Metres	4,759 Metric Tonnes	8,300 Metric Tonnes
	Segregated Ballast Condition:	7.21 Metres	4.69 Metres	4,750 Metric Tonnes	8,300 Metric Tonnes
1.40	FWA/TPC at summer draft:			191 Millimetres	21.70 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. 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:			27.35 Metres	0 Metres
	Normal ballast:			31.30 Metres	0 Metres

	Lightship:	33.80 Metres	0 Metres

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	Jan 12, 2023	Not Applicable		Apr 22, 2023
2.2	Safety Radio Certificate (SRC):	Jan 12, 2023	Oct 22, 2022		Apr 22, 2023
2.3	Safety Construction Certificate (SCC):	Jan 12, 2023	Not Applicable		Apr 22, 2023
2.4	International Loadline Certificate (ILC):	Jan 12, 2023	Not Applicable		Apr 22, 2023
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Jan 12, 2023	Not Applicable		Apr 22, 2023
2.6	International Ship Security Certificate (ISSC):	Nov 11, 2022	Not Applicable	Not Applicable	Jul 23, 2027
2.7	Maritime Labour Certificate (MLC):	Nov 11, 2022	N/A		Jul 22, 2027
2.8	ISM Safety Management Certificate (SMC):	Nov 11, 2022	Not Applicable	Not Applicable	Jul 23, 2027
2.9	Document of Compliance (DOC):	May 11, 2022	Jan 31, 2023		Nov 04, 2025
2.10	USCG Certificate of Compliance(USCGCOC):	May 16, 2022	Not Applicable	Not Applicable	May 16, 2024
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):	Apr 28, 2022	N/A	N/A	May 01, 2023
2.15	Certificate of Class (COC):	Jan 12, 2023	Not Applicable	Not Applicable	Apr 22, 2023
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Jan 12, 2023	N/A	N/A	Apr 23, 2023
2.17	Certificate of Fitness (COF):	Jan 12, 2023	Not Applicable	Not Applicable	Apr 22, 2023
2.18	International Energy Efficiency Certificate (IEEC):	Jan 12, 2023	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	Jan 12, 2023			Apr 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)?			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:	9	Filipino , Georgian
3.3	Number and nationality of Crew:	**Nationality**	**Count**
		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:	Officers:	Ratings:

Company Name	Address	Phone	Fax	Email
YIALOS MANNING	GE ANTONINO BLDG 16TH FLR J.BOBOBO ST. TM KALARST ERMITA MANILA	+63252618888	NA	CREW@YIALOSMANNING.COM
YIALOS MANNING UKR	19B SREDNEFONTANSKYA ST.	+380949472377	NA	CREW-UA@YIALOSMANNING.COM

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:	Hudson Marine Management Service 117, Notara Str., Piraeus 18536, GR Tel: +1 856 283 7511 Phone: +30 210-4510856 Mobile: + Fax: +30 210-4510856 Email: hudsonhellas@hudsonmarine.com
4.3	Oil Spill Response Organization (OSRO) - Full style:	National Response Corporation 3500 Sunrise Hwy, Great River, New York 11739-1001 USA Tel: p: +1 (631) 259 6664 c: +1 (631) 627 9709 24 hrs : +1 (631) Email: bbell@nrcc.com
4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	Resolve Marine 6 Bevis Marks, London EC3A 7BA, UK Tel: o. +1.954.764.8700 (24 HR EMERGENCY RESPONSE / USA Email: aliordos@resolvemarine.com

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
5	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-02-04T00:00:00	30 Months
5	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-02-04T00:00:00	30 Months
6	P	Slop	Mild Steel	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-02-04T00:00:00	30 Months
6	S	Slop	Mild Steel	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-02-04T00:00:00	30 Months
1	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-02-04T00:00:00	30 Months
1	S	2	Mild	Yes	Epoxy	Full	Good	2009-01-	2022-02-	30

			Steel			Tank		12T00:00:00	04T00:00:00	Months
2	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-02-04T00:00:00	30 Months
2	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-02-04T00:00:00	30 Months
3	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-02-04T00:00:00	30 Months
3	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-02-04T00:00:00	30 Months
4	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-02-05T00:00:00	30 Months
4	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-02-05T00:00:00	30 Months

Anodes: No

Ballast tanks:

ID	Coated?	Type	Extent	Condition	Coating date	Insp date	Insp freq
FPT	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-03-28T00:00:00	Annual
WBT - 1P	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-03-28T00:00:00	Annual
WBT - 1S	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-03-28T00:00:00	Annual
WBT - 2P	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-03-28T00:00:00	Annual
WBT - 2S	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-03-28T00:00:00	Annual
WBT - 3P	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-04-11T00:00:00	Annual
WBT - 3S	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-04-11T00:00:00	Annual
WBT - 4P	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-04-11T00:00:00	Annual
WBT - 4S	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-04-11T00:00:00	Annual
WBT - 5P	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-04-12T00:00:00	Annual
WBT - 5S	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-04-12T00:00:00	Annual
WBT - 5S	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-04-12T00:00:00	Annual
APT - P	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-04-12T00:00:00	Annual
APT - S	Yes	Epoxy	Full Tank	Good	2009-01-12T00:00:00	2022-04-12T00:00:00	Annual

Anodes: Yes

	Coated	Type	Extent	Anodes
Slop tanks:	Yes	PHENOLIC EPOXY	Whole Tank	N/A

7. BALLAST

7.1 Ballast Handling Data

Number	Type	Prime mover type	Capacity (m3/hr)	Head (bar)
2	CENTRIFUGAL	HYDRAULIC	250	25

8. CARGO

Double Hull Vessels

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

Cargo Tank Capacities

8.2 Cargo Tank Capacities at 98% Full - Centre:

Total Centre:

Cargo Tank Capacities at 98% Full - Wing:

Tank Number	Capacity (m3)	P/S
1	1018.75	Port
1	1018.1	Stbd
2	1294.53	Port
2	1294.61	Stbd
3	1394.53	Port
3	1392.07	Stbd
4	1393.28	Port
4	1392.4	Stbd
5	1385.98	Port
5	1394.55	Stbd

Total Wing: 12,969.74 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: 2037.8 m3 (1P & 1S) Seg#2: 2589.1 m3 (2P & 2S) Seg#3: 2786.6 m3 (3P & 3S) Seg#4: 2785.7 m3 (4P & 4S) Seg#5: 2770.6 m3 (5P & 5S) Seg#6: 705 m3 (SLOP P & SLOP S)	
8.2.2	IMO class (Oil/Chemical Ship Type 1, 2 or 3):		
8.3	Number of slop tanks and total cubic capacity (max% per company policy: 98%, 97%, 96% or 95%):	2	705 Cu. Metres
8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:		
8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:		0 Cu. Metres
SBT Vessels			
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?	5,024 Cu. Metres	40 %
8.3.4	Does vessel meet the requirements of MARPOL Annex I Reg 18.2:	Yes	
Cargo Handling and Pumping Systems			
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 Cargo Densities 1.55	
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)?		
	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,	
	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:	,	
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	150 Millimetres
8.13	Number/size/type of VECS reducers:	2pcs 150 x 200 mm ANSI 150 PSI	
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.: 6

Size:

Manifold	PCS	Size	Unit	Pressure Rating	Unit PR	Standard
1	P	8	Inches	16	KG/Cm2	ANSI
2	P	8	Inches	16	KG/Cm2	ANSI
3	P	8	Inches	16	KG/Cm2	ANSI
4	P	8	Inches	16	KG/Cm2	ANSI
5	P	8	Inches	16	KG/Cm2	ANSI
1	S	8	Inches	16	KG/Cm2	ANSI
2	S	8	Inches	16	KG/Cm2	ANSI
3	S	8	Inches	16	KG/Cm2	ANSI
4	S	8	Inches	16	KG/Cm2	ANSI
5	S	8	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:	SS/	
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:	900 Millimetres	
8.19	Distance ships rail to manifold:	3,460 Millimetres	
8.20	Distance manifold to ships side:	3,460 Millimetres	
8.21	Top of rail to center of manifold:	540 Millimetres	
8.22	Distance main deck to center of manifold:	1,840 Millimetres	
8.23	Spill tank grating to center of manifold:	750 Millimetres	
8.24	Manifold height above the waterline in normal ballast/at SDWT condition:	9.05 Metres	5.08 Metres
8.25	Number/size/type of reducers:	2 x 300/200mm (12/8") 5 x 250/200mm (10/8") 2 x 150/200mm (6/8") 1 x 125/200mm (5/8") 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	S	No	Internal	No	Yes	2	150	10.82	0.01	Welded	SS
2	P	No	Internal	No	Yes	2	150	15.58	0.01	Welded	SS
2	S	No	Internal	No	Yes	2	150	15.58	0.01	Welded	SS
3	P	No	Internal	No	Yes	2	150	14.76	0.01	Welded	SS
3	S	No	Internal	No	Yes	2	150	14.76	0.01	Welded	SS
4	P	No	Internal	No	Yes	2	150	17.96	0.01	Welded	SS
4	S	No	Internal	No	Yes	2	150	17.96	0.01	Welded	SS
5	P	No	Internal	No	Yes	2	150	15.79	0.01	Welded	SS
5	S	No	Internal	No	Yes	2	150	15.79	0.01	Welded	SS
6	P	No	Internal	No	Yes	2	150	13.74	0.04	Welded	SS
6	S	No	Internal	No	Yes	2	150	17.49	0.05	Welded	SS
1	P	No	Internal	No	Yes	2	150	10.82	0.01	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	66 °C / 150.8 °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		

Pump Identity	Pump Location	Type	Type of prime mover	Capacity	At what head?
SD150	Cargo Tank	Centrifugal	Hydraulic	300	110

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:	70 Cu. Metres/Hour
8.37	Is a washing water heater fitted? If yes is it operational and state max washing water temperature:	Yes, Yes 85 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, N/A
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 SDMBL (Tonnes))	TDBF(125-130 % of SDMBL (Tonnes)	SWL (tonnes)	WLL (tonnes) (50-55% of Max LDBF)	Certificate No.	Installed Date	Reversed Date	Renewal2 Date	Status of line/tail	Condition of line/tail
Ropes	FWD-P OUTER	POLYSTEEL	44	220	33	33	33	33	JM-03032-N2	2022-03-24T00:00:00			In Use	Suitable
Ropes	FWD-P INNER	POLYSTEEL	44	220	33	33	33	33	JM-03033	2022-03-24T00:00:00			In Use	Suitable
Ropes	FWD-S INNER	POLYSTEEL	44	220	33	33	33	33	JM-03034-N2	2022-03-24T00:00:00			In Use	Suitable
Ropes	FWD-S OUTER	POLYSTEEL	44	220	33	33	33	33	JM-03035-N2	2024-03-24T00:00:00			In Use	Suitable
Ropes	FWD LOOSE ROPE	POLYSTEEL	44	220	33	33	33	33	JM-03036-N2	2022-03-24T00:00:00			In Use	Suitable
Ropes	FWD LOOSE ROPES	POLYSTEEL	44	220	33	33	33	33	02407-N2	2022-01-19T00:00:00			In Use	Suitable
Ropes	FWD LOOSE ROPE	NIKASTEEL	44	220	33	33	33	33	2017/2944-2	2022-01-19T00:00:00			In Use	Suitable
Ropes	FWD LOOSE ROPE	NIKASTEEL	44	220	33	33	33	33	2017/2994-6	2022-01-19T00:00:00			In Use	Suitable
Ropes	AFT LOOSE ROPES	POLYSTEEL	44	220	33	33	33	33	02701-N2	2022-01-19T00:00:00			In Use	Suitable
Ropes	AFT-P OUTER	POLYSTEEL	44	220	33	33	33	33	JM-03037-N2	2022-03-24T00:00:00			In Use	Suitable
Ropes	AFT-P INNER	POLYSTEEL	44	220	33	33	33	33	JM-03039-N2	2022-03-24T00:00:00			In Use	Suitable
Ropes	AFT-S INNER	POLYSTEEL	44	220	33	33	33	33	JM-03040-N2	2022-03-24T00:00:00			In Use	Suitable
Ropes	AFT-S OUTER	POLYSTEEL	44	220	33	33	33	33	JM-03041-N2	2022-03-24T00:00:00			In Use	Suitable
Ropes	AFT LOOSE ROPES 2PC	NIKASTEEL	44	220	33	33	33	33	2017/2294-4/5	2022-01-19T00:00:00			In Use	Suitable
Ropes	AFT LOOSE ROPES 2PC	POLYSTEEL	44	220	33	33	33	33	JM-03042-N2, 02697-	2022-03-24T00:00:00			In Use	Suitable

									N2					

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	15	0.37	Manual	26.4	19.8	2022-03-22T00:00:00	19.8	1 YR
2	Yes	Hydraulic	Yes	15	0.37	Manual	26.4	19.8	2022-03-22T00:00:00	19.8	1 YR
3	Yes	Hydraulic	Yes	15	0.37	Manual	26.4	19.8	2022-03-22T00:00:00	19.8	1 YR
4	Yes	Hydraulic	Yes	15	0.37	Manual	26.4	19.8	2022-03-22T00:00:00	19.8	1 YR
5	Yes	Hydraulic	Yes	15	0.37	Manual	26.4	19.8	2022-03-22T00:00:00	19.8	1 YR
6	Yes	Hydraulic	Yes	15	0.37	Manual	26.4	19.8	2022-03-22T00:00:00	19.8	1 YR
7	Yes	Hydraulic	Yes	15	0.37	Manual	26.4	19.8	2022-03-22T00:00:00	19.8	1 YR
8	Yes	Hydraulic	Yes	15	0.37	Manual	26.4	19.8	2022-03-22T00:00:00	19.8	1 YR

9.3 Provide Details of Mooring bollards and bitts

Location	Identity No	Certificate Number	Size (mm)	SWL (tonnes)
Forecastle	1	BW-F01	350	64
Forecastle	2	BW-F01	350	64
Forecastle	3	BW-F02	350	46
Forecastle	4	BW-F02	350	46
Maindeck Forward (Port)	5	BO-M01	350	33
Maindeck Forward (Stbd)	6	BO-M01	350	33
Maindeck Forward (Port)	7	BO-M01	350	33
Maindeck Forward (Stbd)	8	BO-M01	350	33
Poop Deck (Port)	9	BO-A01	350	46
Poop Deck (Stbd)	10	BO-A01	350	46
Poop Deck (Port)	11	BO-A02	350	33
Poop Deck (Stbd)	12	BO-A02	350	33
Poop Deck (Port)	13	BO-A02	350	33
Poop Deck (Stbd)	14	BO-A02	350	33
Poop Deck (Port)	15	BO-A03	350	64
Poop Deck (Stbd)	16	BO-A03	350	64

9.4 Provide details of Mooring Fairleads/Chocks

Anchors/Emergency Towing System			
9.7	Number of shackles on port/starboard cable:	11/10	
9.8	Type/SWL of Emergency Towing system forward:	KETA-45-F	200 Metric Tonnes
9.9	Type/SWL of Emergency Towing system aft:	N/A	0 Metric Tonnes
9.10.1	What is size of closed chock and/or fairleads of enclosed type on stern		0
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 5.00 Tonnes midship center
9.13	Accommodation ladder direction:		Aft
	Does vessel have a portable gangway? If yes, state length:		Yes, 7.31 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

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	76	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:	740 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 N/A

10.	**PROPULSION**			
10.1	Speed		Maximum	Economical
	Ballast speed:			
	Laden speed:		13.50 Knots (WSNP)	
10.2	What type of fuel is used for main propulsion/generating plant:		Other (specify)	VLSFO/MDO
10.3	Type/Capacity of bunker tanks:		Fuel Oil: 0 Cu. Metres Diesel Oil: 0 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:			
	Aux engine:	3		
	Power packs:			
	Boilers:	1	6 Metric Tonnes/Hour	
Bow/Stern Thruster				
10.6	What is brake horse power of bow thruster (if fitted):		Yes, 544.00 bhp	
10.7	What is brake horse power of stern thruster (if fitted):		No, 0 bhp	
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 Liquified Gas, as applicable)?	Yes
11.2	What is maximum outreach of cranes/derricks outboard of the ship's side:	7.30 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):	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, na Grounding: No, na Casualty: No, na Repair: No, N/A Collision: No, na
12.3	Date and place of last Port State Control inspection:	Mar 08, 2023, Sint Eustatius
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:	No na
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.*	
12.6	Date/Place of last SIRE inspection:	Sep 23, 2022 / Belize
12.6.1	Date/Place of last CDI inspection:	/
12.7	Additional information relating to features of the ship or operational characteristics:	N/A