

INTERTANKO CHARTERING QUESTIONNAIRE 88 - OIL/CHEMICAL

1.	GENERAL INFORMATION		
1.1	Date updated:	Mar 10, 2023	
1.2	Vessel's name (IMO number):	Sea Emperor (9383601)	
1.3	Vessel's previous name(s) and date(s) of change:	Not Applicable	
1.4	Date delivered/Builder (where built):	Jun 30, 2008/21 Century Shipbuilding Co. LTD /Korea	
1.5	Flag/Port of Registry:	Marshall Islands/Majuro	
1.6	Call sign/MMSI:	V7OC9/538003062	
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: 453833160 Fax: +870 783931511 Email: seaemperor@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 Emperor Shipholding, S.A. Trust Company, Ajetake Island, Ajetake Road Majuro, MH96960 Marshall Islands Tel: +30 2109310490-2 Email: info@pc-gm.com	
1.11	Technical operator - Full style:	Petrochem General Management S.A. Syngrou Avenue 201, 171 21 Nea Smyrni Greece Tel: +302104284001/2 Email: marine-vetting@pc-gm.com Company IMO#: 5536504	
1.12	Commercial operator - Full style:	Petrochem General Management SA Syngrou Avenue 201, 171 21 Nea Smyrni Greece Tel: +30 210 9310490 / 91 / 92 Email: operation@pc-gm.com	
1.13	Disponent owner - Full style:		
Insurance			
1.14	P & I Club - Full Style:	WEST OF ENGLAND	
1.15	P & I Club pollution liability coverage/expiration date:	1,000,000,000 US\$	Feb 20, 2024
1.16	Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)	Willis Towers Watson	
1.17	Hull & Machinery insured value/expiration date:	16,250,000 US\$	May 31, 2023
Classification			
1.18	Classification society:	Bureau Veritas	
1.19	Class notation:	I + HULL + MACH Oil Tanker ESP , Chemical tanker ESP	
1.20	Is the vessel subject to any conditions of class, class extensions, outstanding memorandums or class recommendations? If yes, give details:	Open Conditions of Class Deformed bulwark forward	Due Date 2023-06-29T00:00:00
1.21	If classification society changed, name of previous and date of change:	American Bureau of Shipping, Oct 21, 2013	
1.22	Does the vessel have ice class? If yes, state what level:	No,	
1.23	Date/place of last dry-dock:	Sep 21, 2018/Las Palmas	
1.24	Date next dry dock due/next annual survey due:	Sep 21, 2023	Jun 29, 2022

1.25	Date of last special survey/next special survey due:		Sep 29, 2018	Jun 25, 2023	
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:		No,		
Dimensions					
1.27	Length overall (LOA):		128.60 Metres		
1.28	Length between perpendiculars (LBP):		120.40 Metres		
1.29	Extreme breadth (Beam):		20.40 Metres		
1.30	Moulded depth:		11.50 Metres		
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:		40.83 Metres		
1.32	Distance bridge front to center of manifold:		40.40 Metres		
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):		61.20 Metres	67.40 Metres	
1.34	Parallel body distances	Lightship	Normal Ballast	Summer Dwt	
	Forward to mid-point manifold:	18.50 Metres	25.80 Metres	30.40 Metres	
	Aft to mid-point manifold:	29 Metres	34.60 Metres	41.20 Metres	
	Parallel body length:	47.50 Metres	60.40 Metres	71.60 Metres	
Tonnages					
1.35	Net Tonnage:		4,173		
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):		8,503	6,978	
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):		8,960.14	6,815.90	
1.38	Panama Canal Net Tonnage (PCNT):		7,187		
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	2.81 Metres	8.70 Metres	13,083.33 Metric Tonnes	17,472.38 Metric Tonnes
	Winter:	2.99 Metres	8.53 Metres	12,633.03 Metric Tonnes	17,052.13 Metric Tonnes
	Tropical:	2.63 Metres	8.89 Metres	13,504.32 Metric Tonnes	17,893.41 Metric Tonnes
	Lightship:	9.02 Metres	2.49 Metres	-	4,389.06 Metric Tonnes
	Normal Ballast Condition:	5.97 Metres	5.53 Metres	6,077.97 Metric Tonnes	10,467.03 Metric Tonnes
	Segregated Ballast Condition:	6.13 Metres	5.38 Metres	5,751.62 Metric Tonnes	10,140.68 Metric Tonnes
1.40	FWA/TPC at summer draft:		188 Millimetres	23.24 Metric Tonnes	
1.41	Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:		No Assigned Deadweight 1: Assigned Deadweight 2: Assigned Deadweight 3: Assigned Deadweight 4: Assigned Deadweight 5:		
1.42	Constant (excluding fresh water):				
1.43	What is the company guidelines for Under Keel Clearance (UKC) for this vessel?		A. Open Sea : When water depth is equal or less to vessel's twice current static draft, min. UKC of 50% of current max. static draft but not less than 3m. B. Confined, coastal and shallow waters : 20 % of ships draft not falling short of 1.0 m. 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:		32.13 Metres	0 Metres	
	Normal ballast:		35.30 Metres	0 Metres	

Lightship:	38.34 Metres	0 Metres
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2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	Sep 18, 2020	Sep 27, 2022		Jun 29, 2023
2.2	Safety Radio Certificate (SRC):	Sep 22, 2018	Sep 27, 2022		Jun 29, 2023
2.3	Safety Construction Certificate (SCC):	Jan 11, 2022	Sep 27, 2022		Jun 29, 2023
2.4	International Loadline Certificate (ILC):	Sep 22, 2018	Sep 27, 2022		Jun 29, 2023
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Mar 04, 2022	Sep 27, 2022		Jun 29, 2023
2.6	International Ship Security Certificate (ISSC):	Aug 20, 2021	Not Applicable	Not Applicable	Nov 02, 2026
2.7	Maritime Labour Certificate (MLC):	Aug 21, 2021	N/A		May 03, 2024
2.8	ISM Safety Management Certificate (SMC):	Aug 20, 2021	Not Applicable	Not Applicable	Nov 02, 2026
2.9	Document of Compliance (DOC):	Nov 02, 2020	Jan 27, 2022		Nov 04, 2025
2.10	USCG Certificate of Compliance(USCGCOCL):	Not Applicable	Not Applicable	Not Applicable	
2.11	Civil Liability Convention (CLC) 1992 Certificate:	Feb 18, 2023	N/A	N/A	Feb 20, 2024
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Feb 18, 2023	N/A	N/A	Feb 20, 2024
2.13	Liability for the Removal of Wrecks Certificate (WRC):	Feb 18, 2023	N/A	N/A	Feb 20, 2024
2.14	U.S. Certificate of Financial Responsibility (COFR):	Not Applicable	N/A	N/A	Not Applicable
2.15	Certificate of Class (COC):	Jan 11, 2022	Sep 27, 2022	Jan 11, 2022	Jun 29, 2023
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Sep 22, 2018	N/A	N/A	Jun 29, 2023
2.17	Certificate of Fitness (COF):	Apr 02, 2021	Sep 27, 2022	Sep 23, 2021	Jun 29, 2023
2.18	International Energy Efficiency Certificate (IEEC):	Sep 22, 2018	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	Sep 22, 2018			Jun 29, 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			Yes	

	OCIMF guidelines for Control of Drugs and Alcohol Onboard Ship?	
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:		10	Filipino											
3.3	Number and nationality of Crew:		<table border="1"> <thead> <tr> <th colspan="2">Nationality</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td colspan="2">PHILIPPINES</td> <td>10</td> </tr> <tr> <td colspan="2">SOUTH AFRICA</td> <td>2</td> </tr> </tbody> </table>		Nationality		Count	PHILIPPINES		10	SOUTH AFRICA		2		
Nationality		Count													
PHILIPPINES		10													
SOUTH AFRICA		2													
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	Addresses	Phone	Fax	Email	Company Name	Address	Phone	Fax	Email				
		Status Maritime Corp.	1802 San Marcelino Cor. J. Nakpil Str. Malate Manila Philippines	+63 240 403 4	N/A	24hours@statuscrew.gr	STATUS MARITIME CORP	1802 SAN MARCELINO COR J NAKPIL STR MALATE MANILA PHILIPPINES	+632404 0345	+632404 0313	24hours@statuscrew.gr				
						Majhya Marine Crewing Ltd	130 Cape Road Mill Park Port Elizabeth Eastern Cape	0794385 861	N/A	siphokazib@mmcrewing.africa					

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?	
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:	

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	Yes IMO Resolution A.741(18)

	amended):	
5.2	Can the ship comply with the ICS Helicopter Guidelines?	No
5.2.1	If Yes, state whether winching or landing area provided:	
5.2.2	If Yes, what is the diameter of the circle provided:	

6. COATING/ANODES

6.1 Tank Coating

Cargo tanks:

Tank ID	Tank PSC	Tank Type	Constr	Coated Y/N	Coating Type	Extent	Condition	Date	Insp date	Insp Freq
1	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2021-09-14T00:00:00	30 Months
1	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2021-09-14T00:00:00	30 Months
2	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2021-11-05T00:00:00	30 Months
2	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-04T00:00:00	2020-09-14T00:00:00	30 Months
3	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2021-10-10T00:00:00	30 Months
3	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2020-07-10T00:00:00	30 Months
4	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2021-09-14T00:00:00	30 Months
4	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2021-09-14T00:00:00	30 Months
5	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2020-07-10T00:00:00	30 Months
5	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2020-07-10T00:00:00	30 Months
6	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2021-10-26T00:00:00	30 Months
6	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2020-07-10T00:00:00	30 Months
7	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2021-11-05T00:00:00	30 Months
7	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	2008-04-05T00:00:00	2022-08-10T00:00:00	30 Months

Anodes: No

Ballast tanks:

ID	Coated?	Type	Extent	Condition	Coating date	Insp date	Insp freq
1P	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-19T00:00:00	Annual
1S	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-19T00:00:00	Annual
2P	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-19T00:00:00	Annual
2S	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-28T00:00:00	Annual
3P	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-31T00:00:00	Annual
3S	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-29T00:00:00	Annual
4P	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-19T00:00:00	Annual

4S	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-19T00:00:00	Annual
5P	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-19T00:00:00	Annual
5S	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-19T00:00:00	Annual
6P	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-19T00:00:00	Annual
6P	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-19T00:00:00	Annual
6S	Yes	Epoxy	Full Tank	Good	2008-04-10T00:00:00	2022-08-19T00:00:00	Annual
Anodes: Yes							
		Coated	Type	Extent		Anodes	
Slop tanks:		Yes	SIGMA EPOXY PHENGARD 795	Whole Tank		No	

7.	BALLAST			
7.1	Ballast Handling Data			
	Number	Type	Prime mover type	Capacity (m3/hr)
	2	Centrifugal	Hydraulic	350
				Head (bar)
				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: 0 Cu. Metres	
	Cargo Tank Capacities at 98% Full - Wing:	
	Tank Number	Capacity (m3)
	1	929.69
	1	930.56
	2	1101.57
	2	1100.71
	3	1206.53
	3	1206.62
	4	1206.7
	4	1207.33
	5	1206.97
	6	1047.86
	6	1048.4
	5	11207.15
	Total Wing: 13,083.29 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: 929.7 m3 (1P) Seg#2: 930.756 m3 (1S) Seg#3: 1101.58 m3 (2P) Seg#4: 1100.71 m3 (2S) Seg#5: 1206.53 m3 (3P) Seg#6: 1206.62 m3 (3S)

		Seg#7: 1206.7 m3 (4P) Seg#8: 1207.34 m3 (4S) Seg#9: 1206.97 m3 (5P) Seg#10: 1207.16 m3 (5S) Seg#11: 1047.87 m3 (6P) Seg#12: 1048.4 m3 (6S)	
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	871.19 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:		
SBT Vessels			
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?	5,269.33 Cu. Metres	40.30 %
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:	13	
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.:	No	
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, N/A	
	Are high level alarms fitted to the cargo tanks? If Yes, indicate whether to all tanks or partial:	Yes, All	
8.9.1	Can cargo be transferred under closed loading conditions in accordance with ISGOTT 11.1.6.6?	Yes	
8.9.2	Are cargo tanks fitted with multipoint gauging? If yes, specify type and locations:	No,	
8.10	Number of portable gauging units (example- MMC) on board:	3	
Vapor Emission Control System (VECS)			
8.11	Is a vapour return system (VRS) fitted?	Yes	
8.12	Number/size of VECS manifolds (per side):	2	200 Millimetres
8.13	Number/size/type of VECS reducers:	2 x 150 mm	
Venting			
8.14	State what type of venting system is fitted:	HIGH VELOCITY P/V valves	
Cargo Manifolds and Reducers			
8.15	Total number/size of cargo manifold connections on each side: No.: 15		

Size:	Manifold	PCS	Size	Unit	Pressure Rating	Unit PR	Standard
	1	P	6	Inches	16	KG/Cm2	ANSI
	1	S	6	Inches	16	KG/Cm2	ANSI
	2	P	6	Inches	16	KG/Cm2	ANSI
	2	S	6	Inches	16	KG/Cm2	ANSI
	3	P	6	Inches	16	KG/Cm2	ANSI
	3	S	6	Inches	16	KG/Cm2	ANSI
	4	P	6	Inches	16	KG/Cm2	ANSI
	4	S	6	Inches	16	KG/Cm2	ANSI
	5	P	6	Inches	16	KG/Cm2	ANSI
	5	S	6	Inches	16	KG/Cm2	ANSI
	6	P	6	Inches	16	KG/Cm2	ANSI
	6	P	6	Inches	16	KG/Cm2	ANSI
	6	P	6	Inches	16	KG/Cm2	ANSI
	7	P	6	Inches	16	KG/Cm2	ANSI
	7	S	6	Inches	16	KG/Cm2	ANSI
	8	C	12	Inches	16	KG/Cm2	ANSI

8.15.1	Does the vessel have a Common Line Manifold connection? If yes, describe:	yes
8.16	What type of valves are fitted at manifold:	Butterfly
8.17	What is the material/rating of the manifold:	Stainless steel/
8.17.1	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment'?	Yes
8.18	Distance between cargo manifold centers:	700 Millimetres
8.19	Distance ships rail to manifold:	3,760 Millimetres
8.20	Distance manifold to ships side:	3,980 Millimetres
8.21	Top of rail to center of manifold:	1,200 Millimetres
8.22	Distance main deck to center of manifold:	2,700 Millimetres
8.23	Spill tank grating to center of manifold:	800 Millimetres
8.24	Manifold height above the waterline in normal ballast/at SDWT condition:	8.44 Metres 5.51 Metres
8.25	Number/size/type of reducers:	1 x 300/250mm (12/10") 1 x 300/200mm (12/8") 2 x 300/150mm (12/6") 1 x 250/200mm (10/8") 2 x 150/100mm (6/4") ANSI
8.26	Is vessel fitted with a stern manifold? If yes, state size:	Yes, 250 Millimetres

Heating

8.27	Cargo/slop tanks fitted with a cargo heating system?											
	Tank ID	P/C/S/ Decktank/ Other	Heat exchanger	Internal/External	External ducts	Heating coils	Heating coil sets	Height of the heating coils above tank bottom (mm)	total heating surface (m2)	Ratio of the heating surface	Welded or coupled	Material

	1	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	1	S	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	2	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	2	S	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	3	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	3	S	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	4	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	4	S	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	5	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	5	S	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	6	P	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	6	S	No	Internal	No	Yes	2	150	40	0.04	Welded	SS
	7	P	No	Internal	No	Yes	2	150	30	0.08	Welded	SS
	7	S	No	Internal	No	Yes	2	150	30	0.08	Welded	SS
8.27.1	Is a Thermal Oil Heating system fitted? If yes, identify tanks?						Yes, all					
8.28	Maximum temperature cargo can be loaded/maintained:						90.0 °C / 194.0 °F			80 °C / 176 °F		
8.28.1	Minimum temperature cargo can be loaded/maintained:											
Inert Gas and Crude Oil Washing												
8.29	Is an Inert Gas System (IGS) fitted/operational?						Yes/Yes					
8.29.1	Is a Crude Oil Washing (COW) installation fitted/operational?						Yes/Yes					
8.30	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:						IG Generator					
8.30.1	If nitrogen generator, specify the applicable flow rate for each of the designed purity modes:											
Cargo Pumps												
8.31	How many cargo pumps can be run simultaneously at full capacity:						4					
8.32	Cargo Pump Data											
	Pump Identity		Pump Location		Type	Type of prime mover		Capacity		At what head?		
	12 x CARGO PUMP		Cargo Tank		Centrifugal	Hydraulic		300		110		
	2x Slop pump		Cargo Tank		Centrifugal	Hydraulic		100		110		
	1x Portable cargo pump		Cargo Tank		Centrifugal	Hydraulic		70		70		
8.33	Is at least one emergency portable cargo pump provided?						Yes					
Tank Cleaning Systems												
8.34	Is tank cleaning equipment fixed in cargo tanks?						Yes					
8.35	Is portable tank cleaning equipment provided?						Yes					
8.36	Tank washing pump capacity:						100 Cu. Metres/Hour					
8.37	Is a washing water heater fitted? If yes is it operational and state max washing water temperature:						Yes, Yes 80 Degrees Celsius					
8.38	What is the maximum number of machines that can be operated at their designed max pressure?						4					
Other Deck Equipment												
8.39	Is vessel fitted with a remote cargo tank temperature monitoring system. If yes, is it operational?						Yes, Yes					
8.40	Is vessel fitted with a remote cargo tank pressure monitoring system. If yes, is it operational?						Yes, Yes					
8.41	Is vessel fitted with a cargo tank drier. If yes is it operational and state capacity:						No, N/A					
8.42	Is vessel fitted with a cargo cooling system. If yes is it operational and state tanks applicable:						No, N/A					

8.43	Is steam available on deck?	Yes
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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	Renewal 2 Date	Status of line/tail	Condition of line/tail
Ropes	Winch no.5	Polyester (40%) ON THE OUTER YARN OF THE STRANDS / (60%) POLYESTEREL	52	220	53.5	20	52	1.37	155644	2020-01-25T00:00:00	2020-07-12T00:00:00	2025-07-12T00:00:00	In Use	Suitable
Ropes	Fwd. Loose Rope PS (9)	Polyester (25%) ON THE OUTER YARN OF THE STRANDS / (75%) POLYESTEREL	52	220	53	20	52	1.37	155641	2020-03-31T00:00:00	2020-08-25T00:00:00	2020-08-25T00:00:00	In Use	Suitable
Ropes	Winch no.1	25% HT POLYESTER - 75% H.T. POLYOLEFIN	52	220	53	20	52	1.37	176221	2022-08-18T00:00:00		2027-08-18T00:00:00	In Use	Suitable
Ropes	Winch no.2	25% H.T POLYESTER – 75 % H.T. POLYOLEFIN	52	220	53	20	52	1.37	176219	2022-01-13T00:00:00		2027-01-13T00:00:00	In Use	Suitable
Ropes	Winch no.3	(25%) ON THE OUTER YARN OF THE STRANDS / (75%) POLYESTEREL	52	220	53.5	20	52	1.37	209884	2022-11-30T00:00:00		2027-11-30T00:00:00	In Use	Suitable
Ropes	Winch no.4	25% H.T POLYESTER – 75 % H.T. POLYOLEFIN	52	220	53	20	52	1.37	209883	2022-11-30T00:00:00		2027-11-30T00:00:00	In Use	Suitable
Rop	Winch	Polyeste	52	220	53.5	20	52	1.37	155640	2022-03-		2027-03-	In	Suitabl

	es	no.6	r (40%) ON THE OUTER YARN OF THE STRAND S / (60%) POLYSTE EL								31T00:0 0:00		31T00:0 0:00	Use	e
	Rop es	Winch no.7	25% H.T POLYEST ER – 75 % H.T. POLYOLE FIN	52	220	53	20	52	1.37	209881	2022-11- 30T00:0 0:00		2027-11- 30T00:0 0:00	In Use	Suitabl e
	Rop es	Winch no.8	25% H.T POLYEST ER – 75 % H.T. POLYOLE FIN	52	220	53	20	52	1.37	209882	2022-11- 30T00:0 0:00		2022-11- 30T00:0 0:00	In Use	Suitabl e
	Rop es	Fwd. Loose Rope STBD. (10)	Polyeste r (40%) ON THE OUTER YARN OF THE STRAND S / (60%) POLYSTE EL	52	220	53.5	20	52	1.37	164521	2022-08- 27T00:0 0:00		2025-08- 27T00:0 0:00	In Use	Suitabl e
	Rop es	Aft. Loose Rope PS (11)	Polyeste r (40%) ON THE OUTER YARN OF THE STRAND S / (60%) POLYSTE EL	52	220	53	20	52	1.37	128926	2018-09- 22T00:0 0:00		2023-09- 22T00:0 0:00	In Use	Suitabl e
	Rop es	Aft. Loose Rope STB. (12)	25% H.T POLYEST ER – 75 % H.T. POLYOLE FIN	52	220	53	20	52	1.37	176220	2022-08- 18T00:0 0:00		2027-08- 18T00:0 0:00	In Use	Suitabl e
	Rop es	Aft Loose Rope STBD (OUTE R) (13)	Polyeste r (40%) ON THE OUTER YARN OF THE STRAND S / (60%) POLYSTE EL	52	220	53	20	52	1.37	176218	2022-01- 13T00:0 0:00		2027-01- 13T00:0 0:00	In Use	Suitabl e
	Rop es	SPARE	Polyeste r (25%) ON THE OUTER	52	220	53.5	20	52	1.37	209880				Spare	Suitabl e

			YARN OF THE STRANDS / (75%) POLYESTER											
Ropes	SPARE		Polyester (40%) ON THE OUTER YARN OF THE STRANDS / (60%) POLYESTER	52	220	53.5	20	52	1.37	209879			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	No	15	0.36	Manual	26.4	19.8	2022-07-11T00:00:00	19.8	12 months
2	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-07-11T00:00:00	19.8	12 months
3	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-07-11T00:00:00	19.8	12 months
4	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-07-11T00:00:00	19.8	12 months
5	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-07-11T00:00:00	19.8	12 months
6	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-07-11T00:00:00	19.8	12 months
7	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-07-11T00:00:00	19.8	12 months
8	Yes	Hydraulic	No	15	0.36	Manual	26.4	19.8	2022-07-11T00:00:00	19.8	12 months

9.3 Provide Details of Mooring bollards and bitts

Location	Identity No	Certificate Number	Size (mm)	SWL (tonnes)
Forecastle	1	BO-F01 Panama	355	64
Forecastle	2	BO-F02 Panama	355	64
Forecastle	3	BO-F03	355	33
Forecastle	4	BO-F04	355	33
Forecastle	5	BO-F05	355	33
Forecastle	6	BO-F06	355	33
Maindeck Forward (Port)	7	BO-M01 Panama	355	64
Maindeck Forward (Stbd)	8	BO-M02 Panama	355	64
Maindeck Forward (Port)	9	BO-M03 Panama	355	45
Maindeck Forward (Stbd)	10	BO-M04 Panama	355	45

	Maindeck Forward (Port)	11	BO-M05	355	33
	Maindeck Forward (Stbd)	12	BO-M06	355	33
	Maindeck Forward (Port)	13	BO-M07 Manifold	355	25
	Maindeck Forward (Stbd)	14	BO-M08 Manifold	355	25
	Maindeck Forward (Port)	15	BO-M09	355	33
	Maindeck Forward (Stbd)	16	BO-M10	355	33
	Poop Deck (Port)	17	BO-S01 Panama	355	64
	Poop Deck (Stbd)	18	BO-S02 Panama	355	64
	Poop Deck (Port)	19	BO-S03	355	33
	Poop Deck (Stbd)	20	BO-S04	355	33
	Poop Deck (Port)	21	BO-S05	355	33
	Poop Deck (Stbd)	22	BO-S06	355	33
	Poop Deck (Port)	23	BO-S07 Panama	355	45
	Poop Deck (Stbd)	24	BO-S08 Panama	355	45

9.4	Provide details of Mooring Fairleads/Chocks				

Anchors/Emergency Towing System

9.7	Number of shackles on port/starboard cable:	10/10			
9.8	Type/SWL of Emergency Towing system forward:	TONGUE	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				

Escort Tug

9.10.2	What is SWL of closed chock and/or fairleads of enclosed type on stern:	64 Metric Tonnes			
9.11	What is SWL of bollard on poop deck suitable for escort tug:	64 Metric Tonnes			

Lifting Equipment/Gangway

9.12	Derrick/Crane description (Number, SWL and location):	Cranes: 1 x 10 Tonnes center			
9.13	Accommodation ladder direction:	Aft			
	Does vessel have a portable gangway? If yes, state length:	Yes,			

Single Point Mooring (SPM) Equipment

9.14	Does the vessel meet the recommendations in the latest edition of OCIMF 'Recommendations for Equipment Employed in the Bow Mooring of Conventional Tankers at Single Point Moorings (SPM)':?	No			
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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	100	0	54

9.16	What is the maximum size chain diameter the bow stopper(s) can handle:	54 Millimetres			
9.17	Distance between the bow fairlead and chain stopper/bracket:	900 Metres			
9.18	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:	Yes			

10.	PROPULSION				
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10.1	Speed		Maximum	Economical
	Ballast speed:		13.20 Knots (WSNP)	12 Knots (WSNP)
	Laden speed:		13.20 Knots (WSNP)	12 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: 628.803 Cu. Metres Diesel Oil: 76.821 Cu. Metres Gas Oil: 0 Cu. Metres	
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):		Fixed	
10.5	Engines	No	Capacity	Make/Type
	Main engine:	1		
	Aux engine:	3		
	Power packs:			
	Boilers:	1	12 Metric Tonnes/Hour	
Bow/Stern Thruster				
10.6	What is brake horse power of bow thruster (if fitted):		Yes, 520 bhp	
10.7	What is brake horse power of stern thruster (if fitted):		No,	
Emissions				
10.8	Main engine IMO NOx emission standard:			
10.9	Energy Efficiency Design Index (EEDI) rating number:			

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

12.	RECENT OPERATIONAL HISTORY			
12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):		Upon request	
12.2	Has vessel been involved in a pollution, grounding, serious casualty, unscheduled repair or collision incident during the past 12 months? If yes, provide details:		Pollution: No, Grounding: No, Casualty: No, Repair: No, NONE Collision: No,	
12.3	Date and place of last Port State Control inspection:		Oct 12, 2021, Port Elizabeth	
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:		No n/a	
12.5	Recent Oil company inspections/screenings (To the best of owners knowledge and without guarantee of acceptance for future business)*: * "Approvals" are not given by Oil Majors and ships are accepted for the voyage on a case by case basis.		Maxcom , Preem , KZM ,Koch , Phillips 66	
12.6	Date/Place of last SIRE inspection:		Nov 04, 2022 / Port Elizabeth	
12.6.1	Date/Place of last CDI inspection:		/	
12.7	Additional information relating to features of the ship or operational characteristics:			

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