INTERTANKO CHARTERING QUESTIONNAIRE 88 – OIL/CHEMICAL

Version 6

1.	**GENERAL INFORMATION**		
1.1	Date updated:	Dec 20, 2024	
1.2	Vessel's name (IMO number):	Dolphin 08 (9298351)	
1.2b	Is the vessel owner/manager a member of INTERTANKO? If yes, please provide IMO number of the Member organization	No,	
1.3	Vessel's previous name(s) and date(s) of change:	Mirella S (Mar 26, 2024) SCT Matterhorn (Aug 28, 2015) MCT Matterhorn (Aug 18, 2006)	
1.4	Date delivered/Builder (where built):	Aug 18, 2006/Qingshan Shipyard Wuhan, China	
1.5	Flag/Port of Registry:	Panama/Panama City	
1.6	Call sign/MMSI:	3E5251/352003628	
1.7	Vessel's contact details (satcom/fax/email etc.)	Tel: +15055390798 (Vsat) Fax: N/A Email: Dolphin08@dpmarine.vn	
1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC):	Other	
1.8a	If other type of vessel, please specify:	Product carrier	
1.9	Type of hull:	Double Hull	
Ownership and Operation			
1.10	Registered owner - Full style: IMO Number	DOLPHIN MARINE COMPANY LIMITED 2A, Street 34, Quarter 1, Tan Quy Ward, District 7, Ho Chi Minh City Viet Nam Email: manager@dpmarine.vn Web: https://dpmarine.vn/ IMO: 6250921	
1.11	Technical operator - Full style:	DOLPHIN MARINE COMPANY LIMITED 2A, Street 34, Quarter 1, Tan Quy Ward, District 7, Ho Chi Minh City Viet Nam Email: safety@dpmarine.vn; technic@dpmarine.vn Company IMO#: 6250921	
1.12	Commercial operator - Full style:	BAINBRIDGE NAVIGATION DMCC Office 2006, Level 20, Fortune Tower, Cluster C, Jumeirah Lake Towers, Dubai – UAE. Po Box: 283643 United Arab Emirates Tel: +971 4 449 6100 Fax: +971 4 575 3111 Email: ops.tankers@bainbridgenav.com Web: www.bainbridgenav.com	
1.13	Disponent owner - Full style:	BAINBRIDGE NAVIGATION DMCC Dubai – 283643, UAE Email: ops.tankers@bainbridgenav.com	
Insurance			
1.14	P & I Club - Full Style:	The West of England Ship Owners Mutual Insurance Association (Luxembourg) R.C.S. Luxembourg B8963, 31 Grand Rue, L-1661 Luxembourg, G.D. Luxembourg Tel: +(852) 2529 5724 Email: mail@westpandi.com Web: www.westpandi.com If other P&I - specify:	
1.15	P & I Club pollution liability coverage/expiration date:	1,000,000,000 US$	Feb 20, 2025
1.16	Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)	BAOVIET INSURANCE 7 Ly Thuong Kiet street, Phan Chu Trinh Ward, Hoan Kiem Dist, Ha Noi Tel: (+84) 7305 9989 Fax: (+84) 3825 7188	
1.17	Hull & Machinery insured value/expiration date:	13,560,000 US$	Mar 18, 2025
Classification			
1.18	Classification society:	Korean Register	
1.18a	Is Classification Society an IACS member?	Yes	

1.19	Class notation:			OIL/CHEMICAL TANKER(DOUBLE HULL) 'ESP'(FBC) PRODUCT/II 2G /**SG (IBC) CLEAN1 LG LI BWT IGS	
1.20	Does the vessel have any open conditions of Class? If yes List all open conditions No				
1.20a	Does the vessel have any Memoranda of Class? If yes, list details No				
1.21	If classification society changed, name of previous and date of change:			DNV, Nov 26, 2024	
1.22	Does the vessel have ice class? If yes, state what level:			Yes, E3 (corr. to Ice class IA)	
1.23	Date/place of last dry-dock:			Nov 27, 2024 / SHIPMARIN SHIPYARD, SAIGON PORT	
1.24	Date next dry dock due/next annual survey due:			Aug 17, 2026	Nov 17, 2025
1.25	Date of last special survey/next special survey due:			Dec 27, 2021	Aug 17, 2026
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:			Yes, 1	
Dimensions					
1.27	Length overall (LOA):				164.34 Metres
1.28	Length between perpendiculars (LBP):				155.39 Metres
1.29	Extreme breadth (Beam):				23.44 Metres
1.30	Moulded depth:				12.80 Metres
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:			39.83 Metres	
1.32	Distance bridge front to center of manifold:				55.50 Metres
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):			78.50 Metres	85.00 Metres
1.34	Parallel body distances	Lightship		Normal Ballast	Summer Dwt
	Forward to mid-point manifold:	12.00 Metres		22.00 Metres	30.00 Metres
	Aft to mid-point manifold:	30.00 Metres		43.00 Metres	46.00 Metres
	Parallel body length:	42.00 Metres		65.00 Metres	76.00 Metres
Tonnages					
1.35	Net Tonnage:				6,604
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):			12,776	
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):			13,332.89	11,242.57
1.38	Is vessel fitted for transit of Panama canal? Panama Canal Net Tonnage (PCNT):				Yes, 10,739.00
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	2.961 Metres	9.839 Metres	20,677 Metric Tonnes	27,456 Metric Tonnes
	Winter:	2.961 Metres	9.839 Metres	19,980 Metric Tonnes	26,759 Metric Tonnes
	Tropical:	2.961 Metres	9.839 Metres	20,677 Metric Tonnes	27,456 Metric Tonnes
	Normal loaded condition:	2.961 Metres	9.839 Metres	20,677 Metric Tonnes	27,456 Metric Tonnes
	Lightship:	10.06 Metres	2.75 Metres	-	6,779 Metric Tonnes
	Normal Ballast Condition:	6.85 Metres	5.95 Metres	8,887 Metric Tonnes	15,666 Metric Tonnes
	Segregated Ballast Condition:	6.85 Metres	5.95 Metres	9,520 Metric Tonnes	16,300 Metric Tonnes
1.40	FWA/TPC at summer draft:			206 Millimetres	32.65 Metric Tonnes
1.41	Have multiple deadweights been assigned? If yes, list all assigned deadweights:			Yes Assigned DWT 1: 20,677 Assigned DWT 2: 19,911 Assigned DWT 3: Assigned DWT 4: Assigned DWT 5:	
1.42	Constant (excluding fresh water):				200 Metric Tonnes
1.43	What is the company guidelines for Under Keel Clearance (UKC) for this vessel?			For all vessels when underway: 10 percent of vessel's navigational draft after allowing for squat. Note: If the depth of sea bottom more than 200 % percent of vessel's navigational draft after allowing for squat, no need to calculate UKC	

		• For vessels in the channel or in port limit area: 10 percent of vessel's navigational draft after allowing for squat. • For vessels alongside a protected berth: - 0.3m for ships with summer drafts of less than 10m - 0.6m for ships with summer drafts in range 10m - 18m - 0.9m for ships with summer drafts in excess of 18 m . • Vessels moored to sea berths such as Conventional/Multi Buoy Mooring (CBM) and Single Point Mooring (SPM) must make an additional allowance to allow for sea-swell. This allowance will vary as detailed previously. Should a charterer request a lesser minimum than stated above, or in ports where a lesser/greater is permitted or the accepted norm, the Master has to notify and consult the Company/ Operation Managers. In case of navigation with ECDIS when determining UKC, the accuracy of charted depths within the ENCs required for the voyage should be taken into account (Refer Procedure for operation with ECDIS) • In areas of charting CATZOC 6 (ZOC A1), the UKC should be 10% of calculated vessel draught. • In areas of charting CATZOC 4-5 (ZOC A2, B), the UKC should be 15% of calculated vessel draught • In areas of charting CATZOC 2-3 (ZOC C, D), the UKC should be 25% of calculated vessel draught. Where charting CATZOC is Un-assessed by the ENC producer (ZOC U), reference should be made to other sources of accuracy data before determining the UKC.	
1.44	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Summer deadweight:	29.991 Metres	0 Metres
	Normal ballast:	32.40 Metres	
	Lightship:	37.08 Metres	0 Metres

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	Dec 15, 2024	Nov 17, 2023	Nov 27, 2024	Aug 17, 2026
2.2	Safety Radio Certificate (SRC):	Nov 27, 2024	Nov 17, 2023	Nov 27, 2024	Aug 17, 2026
2.3	Safety Construction Certificate (SCC):	Nov 27, 2024	Nov 17, 2023	Nov 27, 2024	Aug 17, 2026
2.4	International Loadline Certificate (ILC):	Nov 27, 2024	Nov 17, 2023	Nov 27, 2024	Aug 17, 2026
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Nov 27, 2024	Nov 17, 2023	Nov 27, 2024	Aug 17, 2026
2.6	International Ship Security Certificate (ISSC):	Aug 16, 2024			Aug 15, 2029
2.7	Maritime Labour Certificate (MLC):	Aug 15, 2024	N/A		Aug 14, 2029
2.8	Minimum Safe Manning Certificate (MSM)	Feb 26, 2024		N/A	
2.9	ISM Safety Management Certificate (SMC):	Aug 15, 2024			Aug 14, 2029
2.10	Document of Compliance (DOC):	May 14, 2024			Mar 28, 2029
2.11	USCG Certificate of Compliance(USCGCOC):				
2.12	Civil Liability Convention (CLC) 1992 Certificate:	Mar 29, 2024	N/A	N/A	Feb 20, 2025
2.13	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Mar 29, 2024	N/A	N/A	Feb 20, 2025
2.14	Liability for the Removal of Wrecks Certificate (WRC):	Mar 29, 2024	N/A	N/A	Feb 20, 2025
2.15	U.S. Certificate of Financial Responsibility (COFR):		N/A	N/A	
2.16	Certificate of Class (COC):	Dec 15, 2024	Nov 17, 2023	Nov 27, 2024	Apr 26, 2025
2.17	Certificate of Registry (COR)	May 17, 2024	N/A	N/A	May 16, 2029

2.18	International Sewage Pollution Prevention Certificate (ISPPC):	Nov 27, 2024	N/A	N/A	Aug 17, 2026
2.19	Certificate of Fitness (COF):	Nov 27, 2024	Nov 17, 2023	Nov 27, 2024	Aug 17, 2026
2.20	International Energy Efficiency Certificate (IEEC):	Nov 27, 2024	N/A	N/A	N/A
2.21	International Air Pollution Prevention Certificate (IAPPC):	Nov 27, 2024	Nov 17, 2023	Nov 27, 2024	Aug 17, 2026
2.22	Ship Sanitation Control (SSCC)/Ship Sanitation Control Exemption (SSCE)	Jul 29, 2024	N/A	N/A	Jan 28, 2025
2.23	Does the vessel have an International Ballast Water Management Certificate? If no, then describe how ship complies with the "International Convention for the Control and Management of Ships' Ballast Water and Sediments"?:			Yes,	
Documentation					
2.24	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:			Yes	
2.25	Does vessel have in place a Drug and Alcohol Policy complying with OCIMF guidelines for Control of Drugs and Alcohol Onboard Ship?			Yes	
2.26	Is the ITF Special Agreement on board (if applicable)?			N/A	
2.27	ITF Blue Card expiry date (if applicable):				

3.	**CREW**		
3.1	Nationality of Master:		Vietnamese
3.2	Number and nationality of Officers:	8	Vietnamese
3.3	Number and nationality of Crew:	**Nationality**: Viet Nam	**Count**: 11
3.4	What is the common working language onboard:		English - Vietnamese
3.5	Do officers speak and understand English?		Yes
3.6	If Officers/ratings employed by a manning agency - Full style: Officers: Ratings:		

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?	No
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 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	Cargo tanks:

Tank ID	Tank PSC	Tank Type	Constr	Coated Y/N	Coating Type	Extent	Condition	Date	Insp date	Insp Freq
1	P	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 09, 2024	30 Months
1	S	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 09, 2024	30 Months
2	P	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 09, 2024	30 Months
2	S	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 09, 2024	30 Months

3	P	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 09, 2024	30 Months
3	S	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 09, 2024	30 Months
4	P	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 10, 2024	30 Months
4	S	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 10, 2024	30 Months
5	P	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 10, 2024	30 Months
5	S	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 10, 2024	30 Months
6	P	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 10, 2024	30 Months
6	S	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 10, 2024	30 Months
7	P	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 10, 2024	30 Months
7	S	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 10, 2024	30 Months
8	P	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 20, 2024	30 Months
8	S	1	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Jan 20, 2024	30 Months
9	P	Slop	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Nov 23, 2023	30 Months
9	S	Slop	SS	Yes	SS	Full Tank	Good	Aug 18, 2006	Nov 23, 2023	30 Months

Anodes Fitted : No

Ballast tanks:

ID	Coated?	Type	Extent	Condition	Coating date	Insp date	Insp freq
2(P/S); 4(P/S)	Yes	Epoxy	Full Tank	Good	Dec 27, 2021	Nov 23, 2023	Annual
5(P/S);6(P/S);7(P/S)	Yes	Epoxy	Full Tank	Good	Dec 27, 2021	Nov 24, 2023	Annual
1(P/S);3(P/S);8(P/S)	Yes	Epoxy	Full Tank	Good	Dec 27, 2021	Nov 25, 2023	Annual

Anodes Fitted: No

7. BALLAST

7.1 Ballast Handling Data

Number	Type	Prime mover type	Capacity (m3/hr)	Head (bar)
2	Centrifugal	Hydraulic	500	20

Ballast Water Management Systems (BWMS)

7.2	Does the vessel comply with D1 or D2 performance standards?	D2
7.3	Does the vessel have a Ballast Water Treatment System (BWTS) fitted?	Yes
7.4	What type of BWTS fitted? If other system fitted, please advise:	Other (specify), Filtration + UV
7.5	Name of manufacturer of BWTS:	Alfa Laval Tumba AB
7.6	Does the BWTS have IMO type approval?	Yes
7.7	Is the BWTS of a USCG approved type?	Yes

8. CARGO –Oil/ Chem

Double Hull Vessels

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

Tank Capacities

8.2 Cargo Tank Capacities at 98% Full - Centre:

Total Centre:

Cargo Tank Capacities at 98% Full - Wing:

Total Wing: 22,918.70 Cu. Metres

Deck Tank Capacities at 98% Full:

Deck Tank Number	Port/Centre/Stbd	Capacity @ 98%
Residue tank	Stbd	17.76

Total Deck: 17.76 Cu. Metres

8.2a	Grand Total Cubic Capacity (98%) (centre + wing tanks)	
8.2.1	Capacity (98%) of each natural segregation with double valve (specify tanks):	1: 1385 m3 (1 p/s dbl vl sgr 692.5 m3)

		2: 2078 m3 (2 p/s dbl vlv sgr 1038 m3) 3: 3379 m3 (3 p/s dbl vlv segr 1689.5 m3) 4: 2520 m3 (4 p/s dbl vlv sgr 1260 m3) 5: 3864 m3 (5 p/s dbl vlv sgr 1932 m3) 6: 2526 m3 (6 p/s dbl vlv sgr 1263 m3) 7: 3860 m3 (7 p/s dbl vlv sgr 1930 m3) 8: 2462 m3 (8 p/s dbl vlv sgr 1231 m3)
8.2.2	IMO class (Oil/Chemical Ship Type 1, 2 or 3):	IMO 2

8.3 Slops tank capacities (98%):

Tank Number	Capacity (m3)	P/S
9P-Slop	424.51	Port
9S-Slop	416.91	Stbd

Total: 841.42 Cu. Metres

8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:	Slop pt - 424 cbm Slop st -417 cbm
8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:	17.80 Cu. Metres

Cargo Handling and Pumping Systems

8.4	How many grades/products can vessel load/discharge with double valve segregation:		18
8.4.1	State type of cargo containment (integral, independent, gravity or pressure tanks):		
8.5	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:	Yes Max SG 1.86	
8.6	Max loading rate for homogenous cargo	With VECS	Without VECS
	Loaded per manifold connection:	500 Cu. Metres/Hour	500 Cu. Metres/Hour
	Loaded simultaneously through all manifolds:	1,000 Cu. Metres/Hour	2,000 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, N/A
	What type of gauging system as per IBC 13.1 is fitted (Open/Restricted/Closed)?	Closed
	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 high level alarms are fitted, are the high level alarms fitted to all cargo tanks?	Yes, Yes
8.9.1	Are cargo tanks fitted with multipoint gauging? If yes, specify type and locations:	Yes, Tank radars
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	
	If fitted, is vapour line return manifold in compliance with OCIMF Guidelines?	Yes	
	If fitted, how many vapor return segregations can the vessel maintain simultaneously?	2	
	Does the ship possess Vapour Emission Control (VEC) Certification? If yes, state the issuing authority	Yes, DNV	
8.12	Number/size of VECS manifolds (per side):	2	150 Millimetres
8.13	Number/size/type of VECS reducers:	2x6 inches, stainless steel	

Venting

8.14	State what type of venting system is fitted:	P/V

Cargo Manifolds and Reducers

8.15 Total number/size of cargo manifold connections on each side:
No.: 18

Size:

Manifold	PCS	Size	Unit	Pressure Rating	Unit PR	Standard
1	P	300	mm	11	Bar	ANSI
1	S	300	mm	11	Bar	ANSI
9	P	200	mm	11	Bar	ANSI
9	S	200	mm	11	Bar	ANSI

8.15.1	Is the vessel fitted with a fixed common line ?	Yes

	What is the number of common cargo connections per side?	1	
	What is the size of common cargo connections?	300 Millimetres	
8.16	What type of valves are fitted at manifold? If other, specify:	Butterfly,	
8.17	What is the material/rating of the manifold:	Stainless Steel/ANSI	
8.17.1	Does the cargo manifold arrangement 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:	3,900 Millimetres	
8.20	Distance manifold to ships side:	4,050 Millimetres	
8.21	Top of rail to center of manifold:	1,000 Millimetres	
8.22	Distance main deck to center of manifold:	4,350 Millimetres	
8.23	Spill tank grating to center of manifold:	890 Millimetres	
8.24	Manifold height above the waterline in normal ballast/at SDWT condition:	11.65 Metres	7.35 Metres
8.25	Number/size/type of reducers:	1 x 200/100mm (8/4") 4 x 200/150mm (8/6") 1 x 200/300mm (8/12") 1 x 300/250mm (12/10") 3 x 300/150mm (12/6") ANSI	
8.26	Is vessel fitted with a stern manifold? If yes, state size:	No,	

Heating

8.27 Provide details of Heating Coils/Heat Exchangers

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	100	60	0.08	Welded	SS
1	S	No	Internal	No	Yes	2	100	60	0.08	Welded	SS
2	P	No	Internal	No	Yes	2	100	90	0.09	Welded	SS
2	S	No	Internal	No	Yes	2	100	90	0.09	Welded	SS
3	P	No	Internal	No	Yes	2	100	130	0.08	Welded	SS
3	S	No	Internal	No	Yes	2	100	130	0.08	Welded	SS
4	P	No	Internal	No	Yes	2	100	90	0.07	Welded	SS
4	S	No	Internal	No	Yes	2	100	90	0.07	Welded	SS
5	P	No	Internal	No	Yes	2	100	140	0.07	Welded	SS
5	S	No	Internal	No	Yes	2	100	140	0.07	Welded	SS
6	P	No	Internal	No	Yes	2	100	90	0.07	Welded	SS
6	S	No	Internal	No	Yes	2	100	90	0.07	Welded	SS
7	P	No	Internal	No	Yes	2	100	140	0.07	Welded	SS
7	S	No	Internal	No	Yes	2	100	90	0.07	Welded	SS
8	P	No	Internal	No	Yes	2	100	90	0.07	Welded	SS
8	S	No	Internal	No	Yes	2	100	90	0.07	Welded	SS
9	P	No	Internal	No	Yes	4	100	30	0.07	Welded	SS
9	S	No	Internal	No	Yes	4	100	30	0.07	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:	0.0 °C / 32.0 °F	

Inert Gas

8.29	Is an Inert Gas System (IGS) fitted/operational?	Yes/Yes
8.30	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:	Nitrogen Generator
8.30.1	If nitrogen generator, specify the applicable flow rate for each of the designed purity modes:	95% N2 - 1000 Cub.m. / HR

Cargo Pumps

8.31	How many cargo pumps can be run simultaneously at full capacity:	6

8.32 Cargo Pump Data:

Pump Identity	Pump Location	Type	Type of prime mover	Capacity	At what head?
1 PORT	Cargo Tank	Centrifugal	Hydraulic	300	100
1 STBD	Cargo Tank	Centrifugal	Hydraulic	300	100
2 PORT	Cargo Tank	Centrifugal	Hydraulic	300	100
2 STBD	Cargo Tank	Centrifugal	Hydraulic	300	100
3 PORT	Cargo Tank	Centrifugal	Hydraulic	500	100
3 STBD	Cargo Tank	Centrifugal	Hydraulic	500	100
4 PORT	Cargo Tank	Centrifugal	Hydraulic	300	100
4 STBD	Cargo Tank	Centrifugal	Hydraulic	300	100

	5 PORT	Cargo Tank	Centrifugal	Hydraulic	500	100
	5 STBD	Cargo Tank	Centrifugal	Hydraulic	500	100
	6 PORT	Cargo Tank	Centrifugal	Hydraulic	300	100
	6 STBD	Cargo Tank	Centrifugal	Hydraulic	300	100
	7 PORT	Cargo Tank	Centrifugal	Hydraulic	500	100
	7 STBD	Cargo Tank	Centrifugal	Hydraulic	500	100
	8 PORT	Cargo Tank	Centrifugal	Hydraulic	300	100
	8 STBD	Cargo Tank	Centrifugal	Hydraulic	300	100
	9 SLOP PORT	Cargo Tank	Centrifugal	Hydraulic	150	100
	9 SLOP STBD	Cargo Tank	Centrifugal	Hydraulic	150	100

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:	60.00 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
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:	Yes, Yes 6,000 Cu. Metres/Hour
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.	
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	1	PO&PE	44	220	40	50	40	20	18603A-1	Apr 15, 2022	Nov 14, 2022	Apr 15, 2024	In Use	Suitable
Ropes	2	PO&PE	44	220	40	50	40	20	18603A-2	Apr 15, 2022	Nov 14, 2022	Apr 15, 2024	In Use	Suitable
Ropes	3	PO&PE	44	220	40	50	40	20	18603A-3	Apr 15, 2022	Nov 14, 2022	Apr 15, 2024	In Use	Suitable
Ropes	4	PO&PE	44	220	40	50	40	20	18603A-4	Apr 15, 2022	Nov 14, 2022	Apr 15, 2024	In Use	Suitable
Ropes	5	PO&PE	44	220	40	50	40	20	19924A-4	Aug 25, 2022	Aug 25, 2022	Aug 25, 2024	In Use	Suitable
Ropes	6	PO&PE	44	220	40	50	40	20	19924A-5	Aug 25, 2022	Aug 25, 2022	Aug 25, 2024	In Use	Suitable
Ropes	7	PO&PE	44	220	40	50	40	20	19924A-3	Aug 26, 2022	Aug 26, 2022	Aug 26, 2024	In Use	Suitable
Ropes	8	PO&PE	44	220	40	50	40	20	19924A-2	Aug 26, 2022	Aug 26, 2022	Aug 26, 2024	In Use	Suitable
Ropes	9	PO&PE	44	220	40	50	40	20	19924A-7	Aug 26, 2022	Aug 26, 2022	Aug 26, 2024	In Use	Suitable
Ropes	10	PO&PE	44	220	40	50	40	20	19924A-1	Aug 26, 2022	Aug 26, 2022	Aug 26, 2024	In Use	Suitable
Ropes	11	PO&PE	44	220	40	50	40	20	19924A-6	Aug 25, 2022	Aug 25, 2022	Aug 25, 2024	In Use	Suitable
Ropes	12	PO&PE	44	220	40	50	40	20	19924A-8	Aug 25, 2022	Aug 25, 2022	Aug 25, 2024	In Use	Suitable
Ropes	13	PO&PE	44	220	40	50	40	20	18603A-5	Apr 15, 2022	Nov 14, 2022	Apr 15, 2024	In Use	Suitable
Ropes	14	PO&PE	44	220	40	50	40	20	18603A-6	Apr 15, 2022	Nov 14, 2022	Apr 15, 2024	In Use	Suitable
Ropes	15	PO&PE	44	220	40	50	40	20	18603A-7	Apr 15, 2022	Nov 14, 2022	Apr 15, 2024	In Use	Suitable
Ropes	16	PO&PE	44	220	40	50	40	20	18603A-8	Apr 15, 2022	Nov 14, 2022	Oct 15, 2024	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	Yes	16	18	Spring	33	24.7	Mar 29, 2024	24.7	12
2	Yes	Hydraulic	Yes	16	18	Spring	33	24.7	Mar 29, 2024	24.7	12
3	Yes	Hydraulic	Yes	16	18	Spring	33	24.7	Mar 29, 2024	24.7	12
4	Yes	Hydraulic	Yes	16	18	Spring	33	24.7	Mar 29, 2024	24.7	12
5	Yes	Hydraulic	Yes	16	18	Spring	33	24.7	Mar 29, 2024	24.7	12
6	Yes	Hydraulic	Yes	16	18	Spring	33	24.7	Mar 29, 2024	24.7	12
7	Yes	Hydraulic	Yes	16	18	Spring	33	24.7	Mar 29, 2024	24.7	12
8	Yes	Hydraulic	Yes	16	18	Spring	33	24.7	Mar 29, 2024	24.7	12
9	Yes	Hydraulic	Yes	16	18	Spring	33	24.7	Mar 29, 2024	24.7	12
10	Yes	Hydraulic	Yes	16	18	Spring	33	24.7	Mar 29, 2024	24.7	12
11	Yes	Hydraulic	Yes	16	18	Spring	33	24.7	Mar 29, 2024	24.7	12
12	Yes	Hydraulic	Yes	16	18	Spring	33	24.7	Mar 29, 2024	24.7	12

9.3 Provide Details of Mooring bollards and bitts

Location	Identity No	Certificate Number	Size (mm)	SWL (tonnes)
Forecastle	1	005919/06	600	104
Forecastle	2	005919/06	545	131
Forecastle	3	005919/06	545	104
Forecastle	4	005919/06	545	104
Maindeck Forward (Stbd)	5	005919/06	490	89
Maindeck Forward (Port)	6	005919/06	490	89
Maindeck Forward (Stbd)	7	005919/06	490	89
Maindeck Forward (Port)	8	005919/06	490	89
Maindeck Forward (Stbd)	9	005919/06	490	89
Maindeck Forward (Port)	10	005919/06	490	89
Poop Deck (Stbd)	11	005919/06	545	104
Poop Deck (Port)	12	005919/06	545	104
Poop Deck (Stbd)	13	005919/06	545	104
Poop Deck (Port)	14	005919/06	545	104
Poop Deck (Stbd)	15	005919/06	545	104
Poop Deck (Port)	16	005919/06	545	104

9.4 **Provide details of Mooring Fairleads/Chocks**

Type	Location	Identity No	Certificate	Size (mm)	SWL (tonnes)	Modifications	If yes, are modifications class approved?
Panama type	Forecastle	1	005919/06	600	87	No	No
Panama type	Forecastle	2	005919/06	500	57	No	No
Panama type	Forecastle	3	005919/06	500	57	No	No
Universal roller fairlead	Forecastle	4	005919/06	240	40	No	No
Universal roller fairlead	Forecastle	5	005919/06	240	40	No	No
Universal roller fairlead	Forecastle	6	005919/06	240	40	No	No
Universal roller fairlead	Forecastle	7	005919/06	240	40	No	No
Panama type	Forecastle	8	005919/06	500	57	No	No
Panama type	Forecastle	9	005919/06	500	57	No	No
Universal roller fairlead	Forecastle	10	005919/06	240	40	No	No
Universal roller fairlead	Forecastle	11	005919/06	240	40	No	No
Panama type	Maindeck Forward (Stbd)	12	005919/06	500	57	No	No
Panama type	Maindeck Forward (Port)	13	005919/06	500	57	No	No
Universal roller	Maindeck Forward	14	005919/06	240	40	No	No

fairlead	(Stbd)						
Universal roller fairlead	Maindeck Forward (Stbd)	15	005919/06	240	40	No	No
Panama type	Maindeck Forward (Stbd)	16	005919/06	500	57	No	No
Panama type	Maindeck Forward (Port)	17	005919/06	500	57	No	No
Panama type	Maindeck Forward (Stbd)	18	005919/06	500	57	No	No
Panama type	Maindeck Forward (Port)	19	005919/06	500	57	No	No
Universal roller fairlead	Maindeck Forward (Stbd)	20	005919/06	240	40	No	No
Universal roller fairlead	Maindeck Forward (Port)	21	005919/06	240	40	No	No
Panama type	Poop Deck (Stbd)	22	005919/06	500	57	No	No
Panama type	Poop Deck (Port)	23	005919/06	500	57	No	No
Panama type	Maindeck Forward (Stbd)	24	005919/06	500	57	No	No
Panama type	Poop Deck (Port)	25	005919/06	500	57	No	No
Universal roller fairlead	Poop Deck (Stbd)	26	005919/06	240	40	No	No
Universal roller fairlead	Poop Deck (Port)	27	005919/06	240	40	No	No
Universal roller fairlead	Poop Deck (Stbd)	28	005919/06	240	40	No	No
Universal roller fairlead	Maindeck Forward (Port)	29	005919/06	240	40	No	No
Universal roller fairlead	Poop Deck (Stbd)	30	005919/06	240	40	No	No
Universal roller fairlead	Maindeck Forward (Port)	31	005919/06	240	40	No	No
Universal roller fairlead	Poop Deck (Stbd)	32	005919/06	240	40	No	No
Universal roller fairlead	Poop Deck (Port)	33	005919/06	240	40	No	No
Panama type	Poop Deck (Stbd)	34	005919/06	500	57	No	No
Panama type	Poop Deck (Stbd)	35	005919/06	500	57	No	No

Anchors/Emergency Towing System			
9.5	Number of shackles on port/starboard cable:	10/9	
9.6	Type/SWL of Emergency Towing system forward:	SPM stopper, chafing chain with bracket	200 Metric Tonnes
9.7	Type/SWL of Emergency Towing system aft:	KARM ETS 130657	100 Metric Tonnes
9.8	What is size of closed chock and/or fairleads of enclosed type on stern		360x260
Escort Tug			
9.9	What is SWL of closed chock and/or fairleads of enclosed type on stern:		104 Metric Tonnes
9.10	What is SWL of bollard on poop deck suitable for escort tug:		104 Metric Tonnes
Lifting Equipment/Gangway			
9.11	Derrick/Crane description (Number, SWL and location):	Derricks: 1 x 2.0 Tonnes, Cranes: 1 x 10.0 Tonnes 01 Hose cranes at Center. 01 Provision cranes at Starboard.	
9.12	Accommodation ladder direction:		Aft
9.13	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
9.15	If fitted, how many chain stoppers:	1	
9.16	Details of Bow chain stoppers:		

Location/Number of Bow Chain Stopper	Type	Operation	SWL	Min Size of Chain	Max size of Chain
Port	Tongue	Manual	200	58	64

9.17	Distance between the bow fairlead and chain stopper/bracket:		2,250 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:	15.00 Knots (WSNP)	12.50 Knots (WSNP)
	Laden speed:	14.50 Knots (WSNP)	12.50 Knots (WSNP)
10.2	What type of fuel is used for main propulsion? If other, then specify	HFO,	
	What type of fuel is used for generating plant	VLSFO	

10.3 Bunker Tank Capacities:

Tank Name	Bunker Type	Tank Type	Capacity	Max Pressure
FO TANK PORT	HFO	Main Bunker Tank	326.7	3
FO TANK STBD	HFO	Main Bunker Tank	512	3
FO TANK CENTER	HFO	Main Bunker Tank	119.1	3
FO SETT PORT 1	HFO	Settling Tank	53.4	3
FO SETT PORT 2	HFO	Settling Tank	56.4	3
FO SERVICE PORT	HFO	Service Tank	28.7	3
MDO TK 1 PORT	MDO	Main Bunker Tank	122.3	3
MDO TK 1 STBD	MDO	Main Bunker Tank	147.1	3
MDO TK 2 PORT	MDO	Main Bunker Tank	50.7	3
MDO SEVICE TK1	MDO	Service Tank	22.8	3
MDO SERVICE TK2	MDO	Service Tank	27.9	3

If other, then specify

10.4	Is vessel fitted with fixed or controllable pitch propeller(s):		Fixed	
10.5	Engines	No	Capacity	Make/Type
	Main engine:	1	7,860 Kilowatt	Yichang Marine Diesel Engine, 6S46MC-C
	Aux engine:	3	978 Kilowatt	Zhenjiang Marine Diesel
	Power packs:	3	130 Cu. Metres/Hour	FRANO
	Boilers:	2	2 Metric Tonnes/Hour	Aalborg, Thermal Fluid Heater
Bow/Stern Thruster				
10.6	What is brake horse power of bow thruster (if fitted):		Yes, 938 bhp	
10.7	What is brake horse power of stern thruster (if fitted):		No,	
Environmental/Emissions				
10.8	Does the vessel have an EEDI Rating number? If yes then provide EEDI rating:		No, N/A	
	If No then provide reason:		The ship is exempt under regulation 21.1	
	Is the EEDI rating verified by Class, 3rd Party or Owner?		Class	
10.9	Does the vessel have an EEXI Rating number? If yes then provide EEXI rating		Yes, 7.64	
	If No then provide reason:			
	Is the EEXI rating verified by Class, 3rd Party or Owner?		Class	
10.10	Does the vessel have a CII Rating number? If yes then provide CII rating:		Yes, B	
	If No then provide reason			
	Is the CII rating verified by Class, 3rd Party or Owner?		Class	
10.11	Does the vessel have an EIV Rating number? If yes then provide EIV rating		No,	
	If No then provide reason			
	Is the EIV rating verified by Class, 3rd Party or Owner?			
10.12	What is the ships NOx control level (Tier I, Tier II, and Tier III)?		Tier I	
	List of equipment fitted for NOx Tier III achievement for all engines (LP Selective catalytic reduction, HP Selective catalytic reduction, Exhaust gas recirculation, Alternative fuel etc...)			
Exhaust Gas Cleaning System/Scrubber				
10.13	Does the vessel use an Exhaust Gas Cleaning System?		No	
10.14	What is the type of scrubber fitted as part of the EGCS onboard?			

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:	6 Metres
11.3	Date/place of last STS operation:	N/A
11.4	Does the vessel have a ship specific STS plan:	Yes

12.	**RECENT OPERATIONAL HISTORY**	
12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):	PX & BENZENE / BENZENE, PX/MEG, MEOH, 2-EH / BENZENE
12.2	Has ship been involved in a pollution, grounding, collision or allision incident during the past 12 months? If yes, provide details: No	
12.3	Date and place of last Port State Control inspection:	Nov 26, 2024, Sai Gon
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:	No,
12.5	Recent Oil company inspections/screenings (To the best of owners knowledge and without guarantee of acceptance for future business)*: ** "Approvals" are not given by Oil Majors and ships are accepted for the voyage on a case by case basis.*	MAXCOM
12.6	Date/Place last SIRE inspection:	Oct 11, 2024 / Karachi - Pakistan
12.6.1	Date/Place last CDI inspection:	Sep 23, 2024 / Jubail, Saudi Arabia
12.7	Additional information relating to features of the ship or operational characteristics:	N/A