INTERTANKO CHARTERING QUESTIONNAIRE 88 – OIL/CHEMICAL

Version 6

1.	**GENERAL INFORMATION**		
1.1	Date updated:	Mar 13, 2025	
1.2	Vessel's name (IMO number):	Winter 89 (9416800)	
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:	WINTER (Jan 20, 2025)	
1.4	Date delivered/Builder (where built):	Mar 31, 2009/21st Century Shipbuilding Co.S.A. / S.Korea	
1.5	Flag/Port of Registry:	Panama/Panama City	
1.6	Call sign/MMSI:	3E7249/352005046	
1.7	Vessel's contact details (satcom/fax/email etc.)	Tel: 437408326/26 & +15053373668 Fax: N/A Email: winter89@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	VIET SING SHIPPING JOINT STOCK COMPANY Plot No. 01 Lot 22A, Nga 5 New Urban Area, Cat Bi Airport, Le Hong Phong Street, Dong Khe Ward, Ngo Quyen District, Hai Phong City Viet Nam Tel: +84 225 8832669 Email: vantaibienvietsing@gmail.com IMO: 5995958	
1.11	Technical operator - Full style:	DOLPHIN MARINE COMPANY LIMITED 2A, 34 Street, Quarter 1, Tan Quy Ward, District 7, Hochiminh city Viet Nam Tel: (+84) 283 775 4163 Email: safety@dpmarine.vn Company IMO#: 6250921	
1.12	Commercial operator - Full style:	DOLPHIN MARINE COMPANY LIMITED 2A, 34 Street, Quarter 1, Tan Quy Ward, District 7, Hochiminh city Viet Nam	
1.13	Disponent owner - Full style:		
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, 2026
1.16	Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)	BAOVIET INSURANCE, HAI PHONG BRANCH 24 Dien Bien Phu Street, May To ward, Ngo Quyen district, Hai phong city Tel: 0225 3836268 Fax: 0225 3859870-3686602	
1.17	Hull & Machinery insured value/expiration date:	14,000,000 US$	Jan 19, 2026
Classification			
1.18	Classification society:	Bureau Veritas	
1.18a	Is Classification Society an IACS member?	Yes	
1.19	Class notation:	I [HULL [MACH Oil tanker Chemical tanker (IMO TYPE 2) ESP Unrestricted navigation [AUT-UMS , INWATERSURVEY , VCS	
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:			American Bureau of Shipping, Jan 24, 2025	
1.22	Does the vessel have ice class? If yes, state what level:			No,	
1.23	Date/place of last dry-dock:			Jun 15, 2024 / YALOVA, TURKEY	
1.24	Date next dry dock due/next annual survey due:			Jun 15, 2029	Jun 15, 2029
1.25	Date of last special survey/next special survey due:			Jun 15, 2024	Jun 15, 2029
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:			Yes, 1	
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:			42.274 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):			60.72 Metres	67.88 Metres
1.34	Parallel body distances		Lightship	Normal Ballast	Summer Dwt
	Forward to mid-point manifold:		20.529 Metres	26.82 Metres	31.368 Metres
	Aft to mid-point manifold:		26.234 Metres	33.878 Metres	39.914 Metres
	Parallel body length:		46.76 Metres	60.968 Metres	71.282 Metres
Tonnages					
1.35	Net Tonnage:				4,117
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):			8,539	
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):			8,986.73	7,201.29
1.38	Is vessel fitted for transit of Panama canal? Panama Canal Net Tonnage (PCNT):				Yes, 7,271
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	2.812 Metres	8.724 Metres	13,026.444 Metric Tonnes	17,472.384 Metric Tonnes
	Winter:	2.993 Metres	8.533 Metres	12,664.76 Metric Tonnes	17,051.445 Metric Tonnes
	Tropical:	2.631 Metres	8.895 Metres	13,506.725 Metric Tonnes	17,893.41 Metric Tonnes
	Normal loaded condition:	2.812 Metres (As Summer Loadline)	8.724 Metres	13,026.444 Metric Tonnes	17,472.384 Metric Tonnes
	Lightship:	9.037 Metres	2.506 Metres	-	4,445.94 Metric Tonnes
	Normal Ballast Condition:	5.785 Metres	5.727 Metres	6.482 Metric Tonnes	10,915.045 Metric Tonnes
	Segregated Ballast Condition:	5.785 Metres	5.727 Metres	6.482 Metric Tonnes	10,915.045 Metric Tonnes
1.40	FWA/TPC at summer draft:			181 Millimetres	23.245 Metric Tonnes
1.41	Have multiple deadweights been assigned? If yes, list all assigned deadweights:			No Assigned DWT 1: Assigned DWT 2: 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:	33.56 Metres	0 Metres
	Normal ballast:	36.573 Metres	
	Lightship:	39.768 Metres	0 Metres

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	Jan 24, 2025	Mar 30, 2024		Jun 23, 2025
2.2	Safety Radio Certificate (SRC):	Jan 24, 2025	Mar 30, 2024		Jun 23, 2025
2.3	Safety Construction Certificate (SCC):	Jan 24, 2025	Mar 30, 2024		Jun 23, 2025
2.4	International Loadline Certificate (ILC):	Jan 24, 2025	Mar 30, 2024		Jun 23, 2025
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Jan 24, 2025	Mar 30, 2024		Jun 23, 2025
2.6	International Ship Security Certificate (ISSC):	Jan 24, 2025			Jul 23, 2025
2.7	Maritime Labour Certificate (MLC):	Jan 24, 2025	N/A		Jul 23, 2025
2.8	Minimum Safe Manning Certificate (MSM)	Dec 24, 2024		N/A	
2.9	ISM Safety Management Certificate (SMC):	Jan 24, 2025			Jul 23, 2025
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:	Feb 05, 2025	N/A	N/A	Feb 20, 2026
2.13	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Feb 05, 2025	N/A	N/A	Feb 20, 2026
2.14	Liability for the Removal of Wrecks Certificate (WRC):	Feb 05, 2025	N/A	N/A	Feb 20, 2026
2.15	U.S. Certificate of Financial Responsibility (COFR):		N/A	N/A	
2.16	Certificate of Class (COC):	Jan 24, 2025			Jul 23, 2025
2.17	Certificate of Registry (COR)	Dec 23, 2024	N/A	N/A	Jun 22, 2025

2.18	International Sewage Pollution Prevention Certificate (ISPPC):	Jan 24, 2025	N/A	N/A	Jun 23, 2025
2.19	Certificate of Fitness (COF):	Jan 24, 2025			Jun 23, 2025
2.20	International Energy Efficiency Certificate (IEEC):	Jan 24, 2025	N/A	N/A	N/A
2.21	International Air Pollution Prevention Certificate (IAPPC):	Jan 24, 2025			Jun 23, 2025
2.22	Ship Sanitation Control (SSCC)/Ship Sanitation Control Exemption (SSCE)		N/A	N/A	
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:	7	Vietnamese
3.3	Number and nationality of Crew:	**Nationality**: Viet Nam	**Count**: 13
3.4	What is the common working language onboard:		Vietnamese & English
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	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	Jun 03, 2024	30 Months
1	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	Jun 03, 2024	30 Months
2	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	Jun 15, 2024	Jun 03, 2024	30 Months
2	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	Jun 15, 2024	Jun 03, 2024	30 Months

3	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	Jun 03, 2024	30 Months
3	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	Jun 03, 2024	30 Months
4	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	Jun 15, 2024	Jun 03, 2024	30 Months
4	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	Jun 15, 2024	Jun 03, 2024	30 Months
5	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	Jun 12, 2024	30 Months
5	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	Jun 03, 2024	30 Months
6	P	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	Jun 03, 2024	30 Months
6	S	Deck Tank	Mild Steel	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	Jun 03, 2024	30 Months

Anodes Fitted : No

Ballast tanks:

ID	Coated?	Type	Extent	Condition	Coating date	Insp date	Insp freq
FPT	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
1P	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
1S	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
2P	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
2S	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
3P	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
3S	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
4P	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
4S	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
5P	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
5S	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
6P	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
6S	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
APT P	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual
APT S	Yes	Epoxy	Full Tank	Good	Mar 31, 2009	May 12, 2024	Annual

Anodes Fitted: Yes

7. BALLAST

7.1 Ballast Handling Data

Number	Type	Prime mover type	Capacity (m3/hr)	Head (bar)
1	CENTRIFUGAL	Hydraulic	350	25
2	CENTRIFUGAL	Hydraulic	350	25

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), Electrolysis + Neutralization
7.5	Name of manufacturer of BWTS:	TECHCROSS Ex-ECS-750B 1.1
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:

Tank Number	Capacity (m3)	P/S
1	929.103	Port
1	929.332	Stbd
2	1100.824	Port
2	1100.738	Stbd
3	1206.653	Port
3	1206.836	Stbd
4	1206.279	Port

4	1206.097	Stbd
5	1207.278	Port
5	1206.732	Stbd
6	1047.974	Port
6	1047.884	Stbd

Total Wing: 13,395.73 Cu. Metres

Deck Tank Capacities at 98% Full:

Deck Tank Number	Port/Centre/Stbd	Capacity @ 98%
RESIDUE TANK	Stbd	10.57

Total Deck: 10.57 Cu. Metres

8.2a	Grand Total Cubic Capacity (98%) (centre + wing tanks)	13,395.73 Cu. Metres
8.2.1	Capacity (98%) of each natural segregation with double valve (specify tanks):	Seg#1: 929.103 m3 (1p) Seg#2: 929.332 m3 (1s) Seg#3: 1100.824 m3 (2p) Seg#4: 1100.738 m3 (2s) Seg#5: 1206.653 m3 (3p) Seg#6: 1206.836 m3 (3s) Seg#7: 1206.279 m3 (4p) Seg#8: 1206.097 m3 (4s) Seg#9: 1207.278 m3 (5p) Seg#10: 1206.732 m3 (5s) Seg#11: 1047.974 m3 (6p) Seg#12: 1047.884 m3 (6s)
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
SLOP	344.237	Port
SLOP	344.409	Stbd

Total: 688.646 Cu. Metres

8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:	Seg#13: 344.237 m3 (slop p) Seg#14: 344.409 m3 (slop s)
8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:	10.36 Cu. Metres

Cargo Handling and Pumping Systems

8.4	How many grades/products can vessel load/discharge with double valve segregation:		14
8.4.1	State type of cargo containment (integral, independent, gravity or pressure tanks):	2G (Integral Gravity)	
8.5	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:	Yes 98% Of tank capacity	
8.6	Max loading rate for homogenous cargo	With VECS	Without VECS
	Loaded per manifold connection:	300 Cu. Metres/Hour	1,500 Cu. Metres/Hour
	Loaded simultaneously through all manifolds:	300 Cu. Metres/Hour	1,500 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, SAAB TANKRADAR
	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:	N/A,
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, BV	
8.12	Number/size of VECS manifolds (per side):	2	200 Millimetres
8.13	Number/size/type of VECS reducers:	8" x 6"	

Venting

8.14	State what type of venting system is fitted:	P/V valves & MAST RISER

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	10	Bar	ANSI
1	S	6	Inches	10	Bar	ANSI
2	P	6	Inches	10	Bar	ANSI
2	S	6	Inches	10	Bar	ANSI
3	P	6	Inches	10	Bar	ANSI
3	S	6	Inches	10	Bar	ANSI
4	P	6	Inches	10	Bar	ANSI
4	S	6	Inches	10	Bar	ANSI
5	P	6	Inches	10	Bar	ANSI
5	S	6	Inches	10	Bar	ANSI
6	P	6	Inches	10	Bar	ANSI
6	S	6	Inches	10	Bar	ANSI
7	P	6	Inches	10	Bar	ANSI
7	S	6	Inches	10	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 / 6” x 14 pcs, 12” x 1 pc/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:	700 Millimetres	
8.19	Distance ships rail to manifold:	3.76 Millimetres	
8.20	Distance manifold to ships side:	3.98 Millimetres	
8.21	Top of rail to center of manifold:	1.20 Millimetres	
8.22	Distance main deck to center of manifold:	2.70 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:	None ANSI	
8.26	Is vessel fitted with a stern manifold? If yes, state size:	Yes, 250 Millimetres	

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	1	13.57	61.20	1	Welded	SS
1	S	No	Internal	No	Yes	1	13.57	61.20	1	Welded	SS
2	P	No	Internal	No	Yes	1	10.91	75.82	1	Welded	SS
2	S	No	Internal	No	Yes	1	10.91	75.82	1	Welded	SS
3	P	No	Internal	No	Yes	1	12.01	83.48	1	Welded	SS
3	S	No	Internal	No	Yes	1	12.01	83.48	1	Welded	SS
4	P	No	Internal	No	Yes	1	10.71	74.44	1	Welded	SS
4	S	No	Internal	No	Yes	1	10.71	74.44	1	Welded	SS
5	P	No	Internal	No	Yes	1	12.36	89.26	1	Welded	SS

5	S	No	Internal	No	Yes	1	12.36	89.26	1	Welded	SS
6	P	Yes	Internal	No	Yes	1	10.06	69.43	1	Welded	SS
6	S	No	Internal	No	Yes	1	10.06	69.43	1	Welded	SS
7	P	No	Internal	No	Yes	1	5.74	18.01	1	Welded	SS
7	S	No	Internal	No	Yes	1	5.74	18.01	1	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	80 °C / 176 °F
8.28.1	Minimum temperature cargo can be loaded/maintained:		
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:	IG Generator	
8.30.1	If nitrogen generator, specify the applicable flow rate for each of the designed purity modes:	N/A	
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?
1P	Cargo Tank	Centrifugal	Hydraulic	300	110
1S	Cargo Tank	Centrifugal	Hydraulic	300	110
2P	Cargo Tank	Centrifugal	Hydraulic	300	110
2S	Cargo Tank	Centrifugal	Hydraulic	300	110
3P	Cargo Tank	Centrifugal	Hydraulic	300	110
3S	Cargo Tank	Centrifugal	Hydraulic	300	110
4P	Cargo Tank	Centrifugal	Hydraulic	300	110
4S	Cargo Tank	Centrifugal	Hydraulic	300	110
5P	Cargo Tank	Centrifugal	Hydraulic	300	110
5S	Cargo Tank	Centrifugal	Hydraulic	300	110
6P	Cargo Tank	Centrifugal	Hydraulic	300	110
6S	Cargo Tank	Centrifugal	Hydraulic	300	110
SLOP P	Cargo Tank	Centrifugal	Hydraulic	90	110
SLOP S	Cargo Tank	Centrifugal	Hydraulic	90	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:	80 Cu. Metres/Hour
8.37	Is a washing water heater fitted? If yes is it operational and state max washing water temperature:	Yes, Yes 80 Degrees Celsius
8.38	What is the maximum number of machines that can be operated at their designed max pressure?	6
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.	
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 PORT INNER DRUM	NIKA STEEL FIBERS AND HIGH TENACITY PE FIBERS	40	220	33	0	33	0	2022/1033-2	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	FWD ST INNER DRUM	NIKA STEEL FIBERS AND HIGH TENACITY PE FIBERS	40	220	33	0	33	0	2022/1033-3	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	FWD STOUTER DRUM	NIKA STEEL FIBERS AND HIGH TENACITY PE FIBERS	40	220	33	0	33	0	5881	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	FWD BREST STBD	NIKA STEEL FIBERS AND HIGH TENACITY PE FIBERS	40	220	33	0	33	0	2022/1033-6	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	FWD PORT OUTER DRUM	NIKA STEEL FIBERS AND HIGH TENACITY PE FIBERS	40	220	33	0	33	0	2022/1033-1	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	FWD BREST STBD	POLYPROPYLENE/POLYESTER 8 STRAND	40	220	33	0	33	0	2019/2773-1	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	AFT SUNKEN DECK STBD	POLYPROPYLENE/POLYESTER 8 STRAND	40	220	33	0	33	0	DJ20B-08-02	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	BREST AFT MAIN DECK ST	POLYPROPYLENE/POLYESTER 8 STRAND	40	220	33	0	33	0	DJ20B-08-04	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	AFT PORT OUTER DRUM	POLYPROPYLENE/POLYESTER 8 STRAND	40	220	33	0	33	0	DJ20B-08-02	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	FWD BREST PORT	POLYPROPYLENE/POLYESTER 8 STRAND	40	220	33	0	33	0	2019/2773-1	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	BREST AFT MAIN DECK PORT	OCEANMOORFLEX HT PP/PE 8 STRAND	40	220	33	0	33	0	GLIS/19/JT/420/1-03	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	AFT PORT INNER DRUM	POLYES & PP MIXED 8 STRAND	40	220	33	0	33	0	EXS/22/29029-2/3	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	AFT ST INNER DRUM	POLYES & PP MIXED 8 STRAND	40	220	33	0	33	0	EXS/22/29029-1/3	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable
Ropes	AFT ST OUTER DRUM	POLYES & PP MIXED 8 STRAND	40	220	33	0	33	0	EXS/22/29029-3/3	Jun 15, 2024	Dec 15, 2025	Jun 15, 2027	In Use	Suitable

9.2 Details of winches and brake testing including rendering loads

Mooring winch Location	Split Drum	Motive Power	Remote Operational controls	Heaving power	Hauling Speed	Type of Brake	Designed Brake Max holding load (ISO) (80% of SDMB	Operational brake holding load (60% of SDMBL)	Date of last brake test	Brake Rendering load	Frequency of testing brakes
1	Yes	Hydraulic	No	15.6	15	Manual	24.6	19.8	Oct 15, 2024	19.8	ANNUAL
2	Yes	Hydraulic	No	15.6	15	Manual	24.6	19.8	Oct 15, 2024	19.8	ANNUAL
3	Yes	Hydraulic	No	15.6	15	Manual	24.6	19.8	Oct 15, 2024	19.8	ANNUAL
4	Yes	Hydraulic	No	15.6	15	Manual	24.6	19.8	Oct 15, 2024	19.8	ANNUAL
5	Yes	Hydraulic	No	15.6	15	Manual	24.6	19.8	Oct 15, 2024	19.8	ANNUAL
6	Yes	Hydraulic	No	15.6	15	Manual	24.6	19.8	Oct 15, 2024	19.8	ANNUAL
7	Yes	Hydraulic	No	15.6	15	Manual	24.6	19.8	Oct 15, 2024	19.8	ANNUAL
8	Yes	Hydraulic	No	15.6	15	Manual	24.6	19.8	Oct 15, 2024	19.8	ANNUAL

9.3 Provide Details of Mooring bollards and bitts

Location	Identity No	Certificate Number	Size (mm)	SWL (tonnes)
Forecastle	1	004669/07	355	33
Forecastle	2	004669/07	355	33
Forecastle	3	004669/07	355	33
Forecastle	4	004669/07	355	33
Forecastle	5	004669/07	355	33
Forecastle	6	004669/07	355	33
Maindeck Forward (Stbd)	7	004669/07	355	33
Maindeck Forward (Port)	8	004669/07	355	33
Maindeck Forward (Stbd)	9	004669/07	355	33
Maindeck Forward (Port)	10	004669/07	355	33
Maindeck Forward (Stbd)	11	004669/07	355	33
Maindeck Forward (Port)	12	004669/07	355	33
Maindeck Forward (Stbd)	13	004669/07	315	25
Maindeck Forward (Port)	14	004669/07	315	25
Maindeck Forward (Stbd)	15	004669/07	355	33
Maindeck Forward (Port)	16	004669/07	355	33
Poop Deck (Stbd)	17	004669/07	355	33
Poop Deck (Port)	18	004669/07	355	33
Poop Deck (Stbd)	19	004669/07	355	33
Poop Deck (Port)	20	004669/07	355	33
Poop Deck (Stbd)	21	004669/07	355	33
Poop Deck (Port)	22	004669/07	355	33
Poop Deck (Stbd)	23	004669/07	355	33
Poop Deck (Port)	24	004669/07	355	33

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

Type	Location	Identity No	Certificate	Size (mm)	SWL (tonnes)	Modifications	If yes, are modifications class approved?
Closed chock	Forecastle	1	004669/07	500	33	No	No
Closed chock	Forecastle	2	004669/07	500	33	No	No
Universal roller fairlead	Forecastle	3	004669/07	350	33	No	No
Universal roller fairlead	Forecastle	4	004669/07	350	33	No	No
Universal roller fairlead	Forecastle	5	004669/07	350	33	No	No
Universal roller fairlead	Forecastle	6	004669/07	350	33	No	No
Universal roller fairlead	Forecastle	7	004669/07	350	33	No	No
Universal roller fairlead	Forecastle	8	004669/07	350	33	No	No
Universal roller fairlead	Forecastle	9	004669/07	250	33	No	No
Universal roller fairlead	Forecastle	10	004669/07	250	33	No	No
Panama type	Maindeck Forward (Stbd)	11	004669/07	360	33	No	No
Panama type	Maindeck Forward (Port)	12	004669/07	360	33	No	No
Panama type	Maindeck Forward (Stbd)	13	004669/07	310	33	No	No
Panama type	Maindeck Forward (Port)	14	004669/07	310	33	No	No
Closed chock	Maindeck Forward (Stbd)	15	004669/07	500	33	No	No
Closed chock	Maindeck Forward (Port)	16	004669/07	500	33	No	No
Closed chock	Maindeck Forward (Stbd)	17	004669/07	400	25	No	No
Closed chock	Maindeck Forward (Port)	18	004669/07	400	25	No	No
Closed chock	Maindeck Forward (Stbd)	19	004669/07	400	25	No	No
Closed chock	Maindeck Forward (Port)	20	004669/07	400	25	No	No
Closed chock	Maindeck Forward (Stbd)	21	004669/07	500	33	No	No
Closed chock	Maindeck Forward (Port)	22	004669/07	500	33	No	No
Panama type	Poop Deck (Stbd)	23	004669/07	360	33	No	No
Panama type	Poop Deck (Port)	24	004669/07	310	33	No	No
Panama type	Poop Deck (Stbd)	25	004669/07	310	33	No	No

Universal roller fairlead	Poop Deck (Stbd)	26	004669/07	350	33	No	No
Universal roller fairlead	Poop Deck (Port)	27	004669/07	350	33	No	No
Universal roller fairlead	Poop Deck (Stbd)	28	004669/07	350	33	No	No
Universal roller fairlead	Poop Deck (Port)	29	004669/07	350	33	No	No
Universal roller fairlead	Poop Deck (Stbd)	30	004669/07	350	33	No	No
Universal roller fairlead	Poop Deck (Port)	31	004669/07	350	33	No	No
Universal roller fairlead	Poop Deck (Stbd)	32	004669/07	250	33	No	No
Universal roller fairlead	Poop Deck (Port)	33	004669/07	250	33	No	No

Anchors/Emergency Towing System			
9.5	Number of shackles on port/starboard cable:	10/10	
9.6	Type/SWL of Emergency Towing system forward:	TONGUE TYPE BOW CHAIN STOPPER	100 Metric Tonnes
9.7	Type/SWL of Emergency Towing system aft:	N/A	
9.8	What is size of closed chock and/or fairleads of enclosed type on stern		N/A
Escort Tug			
9.9	What is SWL of closed chock and/or fairleads of enclosed type on stern:		41.80 Metric Tonnes
9.10	What is SWL of bollard on poop deck suitable for escort tug:		64 Metric Tonnes
Lifting Equipment/Gangway			
9.11	Derrick/Crane description (Number, SWL and location):	Cranes: 2 x 10 Tonnes Center main deck, 1x2.1tonnes, Stb side aft	
9.12	Accommodation ladder direction:		Aft
9.13	Does vessel have a portable gangway? If yes, state length:		Yes, 8 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	100	54	54

9.17	Distance between the bow fairlead and chain stopper/bracket:		2.02 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:		13.50 Knots (WSNP)	12 Knots (WSNP)
	Laden speed:		13 Knots (WSNP)	11.50 Knots (WSNP)
10.2	What type of fuel is used for main propulsion? If other, then specify		Other (specify), MGO (LSFO, LSMGO), LSFO	
	What type of fuel is used for generating plant		LSFO, LSMGO	
10.3	Bunker Tank Capacities: 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	4,400 Kilowatt	STX Engine Co., Ltd. B&W / 6S35MC-MK 7
	Aux engine:	3	480 Kilowatt	YANMAR DIESEL ENGINE / 6N18L-EV
	Power packs:	3	414 Cu. Metres/Hour	Frank Mohn/A4VSO250

	Boilers:	1	12,000 Metric Tonnes/Hour	Mission OL12000, Aalborg Industries
Bow/Stern Thruster				
10.6	What is brake horse power of bow thruster (if fitted):		Yes, 560 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, The ship is exempt under relugation 20.1	
	If No then provide reason:		Not available as per IEEC	
	Is the EEDI rating verified by Class, 3rd Party or Owner?			
10.9	Does the vessel have an EEXI Rating number? If yes then provide EEXI rating		Yes, 10.60	
	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:		No,	
	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)?			
	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:	
11.3	Date/place of last STS operation:	
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):	Lub Oil / MTBE + PALMS / PALMS
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:	Jan 31, 2025,
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.*	HRC
12.6	Date/Place last SIRE inspection:	Mar 04, 2025 / Chattogram, Bangladesh
12.6.1	Date/Place last CDI inspection:	N/A
12.7	Additional information relating to features of the ship or operational characteristics:	