INTERTANKO CHARTERING QUESTIONNAIRE 88 – OIL/CHEMICAL

Version 6

1.	**GENERAL INFORMATION**		
1.1	Date updated:	Dec 19, 2024	
1.2	Vessel's name (IMO number):	Dolphin 01 (9337834)	
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:	SICHEM NEW YORK (Aug 27, 2021)	
1.4	Date delivered/Builder (where built):	Apr 04, 2007/Samho Ship Building Co.,Ltd	
1.5	Flag/Port of Registry:	Panama/Panama City	
1.6	Call sign/MMSI:	3E3376/352978276	
1.7	Vessel's contact details (satcom/fax/email etc.)	Tel: +84 287 300 1619 Fax: n/a Email: dolphin01@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 Viet Nam Email: safety@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 Viet Nam Email: safety@dpmarine.vn Company IMO#: 6250921	
1.12	Commercial operator - Full style:	UYENO TRANSTECH LTD. 7FL, KASUMIGASEKI BLDG., 3-2-5 KASUMIGASEKI, CHIYODA KU, TOKYO Japan Tel: +81-3-6747-3181 Email: GLOBAL@UYENO-GROUP.CO.JP	
1.13	Disponent owner - Full style:	UYENO TRANSTECH LTD. 7FL, KASUMIGASEKI BLDG., 3-2-5 KASUMIGASEKI, CHIYODA KU, TOKYO, JAPAN Tel: +81-3-6747-3181 Email: GLOBAL@UYENO-GROUP.CO.JP	
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. Luxembourgurg) 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)	PETROLIMEX INSURANCE CORPORATION Fl 21-22, MIPEC Building, No 229 Tay Son, Dong Da, Ha Noi City, Viet Nam Tel: +84 24 37760867 Fax: +84 24 37760868, 37763283	
1.17	Hull & Machinery insured value/expiration date:	8,400,000 US$	Oct 25, 2025
Classification			
1.18	Classification society:	DNV	
1.18a	Is Classification Society an IACS member?	Yes	
1.19	Class notation:	1A1 tanker for chemical and oil products ESP TMON	

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:			Korean Register, Apr 16, 2007	
1.22	Does the vessel have ice class? If yes, state what level:			No, NA	
1.23	Date/place of last dry-dock:			Nov 22, 2024 / Chengxi shipyard/ China	
1.24	Date next dry dock due/next annual survey due:			Oct 15, 2026	Oct 15, 2025
1.25	Date of last special survey/next special survey due:			Oct 26, 2021	Oct 15, 2026
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:			Yes, 1	
Dimensions					
1.27	Length overall (LOA):				127.20 Metres
1.28	Length between perpendiculars (LBP):				119.45 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:			39 Metres	
1.32	Distance bridge front to center of manifold:				39.40 Metres
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):			60.60 Metres	66.60 Metres
1.34	Parallel body distances		Lightship	Normal Ballast	Summer Dwt
	Forward to mid-point manifold:		19.30 Metres	23.40 Metres	32.60 Metres
	Aft to mid-point manifold:		32.70 Metres	36.60 Metres	39.40 Metres
	Parallel body length:		40 Metres	60 Metres	72 Metres
Tonnages					
1.35	Net Tonnage:				4,031.00
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):			8,455.00	6,950.00
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):			9,117.36	7,171.70
1.38	Is vessel fitted for transit of Panama canal? Panama Canal Net Tonnage (PCNT):				Yes, 7,148.00
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	2.812 Metres	8.714 Metres	12,944.99 Metric Tonnes	17,240.00 Metric Tonnes
	Winter:	2.993 Metres	8.533 Metres	12,530.25 Metric Tonnes	16,825.26 Metric Tonnes
	Tropical:	2.631 Metres	8.895 Metres	13,360.49 Metric Tonnes	17,655.50 Metric Tonnes
	Normal loaded condition:				
	Lightship:	9.05 Metres	2.476 Metres	-	4,295.01 Metric Tonnes
	Normal Ballast Condition:	5.881 Metres	5.645 Metres	6,371.20 Metric Tonnes	10,666.21 Metric Tonnes
	Segregated Ballast Condition:	5.881 Metres	5.645 Metres	6,371.20 Metric Tonnes	10,666.21 Metric Tonnes
1.40	FWA/TPC at summer draft:			188.00 Millimetres	22.94 Metric Tonnes
1.41	Have multiple deadweights been assigned? If yes, list all assigned deadweights:			Yes Assigned DWT 1: 11,920 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:	30.286 Metres	0 Metres
	Normal ballast:	33.361 Metres	0 Metres
	Lightship:	36.524 Metres	0 Metres

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	Nov 22, 2024	Nov 22, 2024	Nov 22, 2024	Oct 15, 2026
2.2	Safety Radio Certificate (SRC):	Nov 22, 2024	Nov 22, 2024	Nov 22, 2024	Oct 15, 2026
2.3	Safety Construction Certificate (SCC):	Nov 22, 2024	Nov 22, 2024	Nov 22, 2024	Oct 15, 2026
2.4	International Loadline Certificate (ILC):	Nov 22, 2024	Nov 22, 2024	Nov 22, 2024	Oct 15, 2026
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Jan 07, 2024	Nov 22, 2024	Nov 22, 2024	Oct 15, 2026
2.6	International Ship Security Certificate (ISSC):	Apr 22, 2022			Apr 15, 2027
2.7	Maritime Labour Certificate (MLC):	Jul 19, 2022	N/A		Apr 15, 2027
2.8	Minimum Safe Manning Certificate (MSM)	Sep 15, 2021		N/A	Not Applicable
2.9	ISM Safety Management Certificate (SMC):	Jul 19, 2022			Apr 15, 2027
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:	Jan 19, 2024	N/A	N/A	Feb 20, 2025
2.13	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Jan 22, 2024	N/A	N/A	Feb 20, 2025
2.14	Liability for the Removal of Wrecks Certificate (WRC):	Jan 22, 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):	Nov 22, 2024	Oct 21, 2023	Nov 22, 2024	Oct 15, 2026
2.17	Certificate of Registry (COR)	Mar 20, 2024	N/A	N/A	Mar 19, 2029

2.18	International Sewage Pollution Prevention Certificate (ISPPC):	Oct 26, 2021	N/A	N/A	Oct 15, 2026
2.19	Certificate of Fitness (COF):	Oct 26, 2021	Nov 22, 2024	Nov 22, 2024	Oct 15, 2026
2.20	International Energy Efficiency Certificate (IEEC):	Jan 17, 2024	N/A	N/A	N/A
2.21	International Air Pollution Prevention Certificate (IAPPC):	Jan 17, 2024	Nov 22, 2024	Nov 22, 2024	Oct 15, 2026
2.22	Ship Sanitation Control (SSCC)/Ship Sanitation Control Exemption (SSCE)	Jul 25, 2024	N/A	N/A	Jan 24, 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**: 12
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:	Not Applicable
4.3	Oil Spill Response Organization (OSRO) - Full style:	Not Applicable
4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	N/A

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	2	Mild Steel	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 15, 2024	30 Months
1	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 15, 2024	30 Months
2	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 15, 2024	30 Months
2	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 15, 2024	30 Months

3	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 15, 2024	30 Months
3	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 15, 2024	30 Months
4	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 15, 2024	30 Months
4	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 15, 2024	30 Months
5	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 15, 2024	30 Months
5	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 15, 2024	30 Months
6	P	2	Mild Steel	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 15, 2024	30 Months
6	S	2	Mild Steel	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 15, 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	Nov 08, 2024	Nov 13, 2024	Annual
1P	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 13, 2024	Annual
1S	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 13, 2024	Annual
2P	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 13, 2024	Annual
2S	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 13, 2024	Annual
3P	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 13, 2024	Annual
3S	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 13, 2024	Annual
4P	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 14, 2024	Annual
4S	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 14, 2024	Annual
5P	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 14, 2024	Annual
5S	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 14, 2024	Annual
6P	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 14, 2024	Annual
6S	Yes	Epoxy	Full Tank	Good	Nov 08, 2024	Nov 14, 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

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:	Shanghai Lee's FUDA Electromechanical Technology Co.
7.6	Does the BWTS have IMO type approval?	Yes
7.7	Is the BWTS of a USCG approved type?	No

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: 13,083.01 Cu. Metres

Cargo Tank Capacities at 98% Full - Wing:

Tank Number	Capacity (m3)	P/S
COT 1	927.86	Port
COT 1	927.41	Stbd
COT 2	958.86	Port
COT 2	962.3	Stbd
COT 3	1205.75	Port
COT 3	1205.75	Stbd
COT 4	1205.66	Port
COT 4	1205.66	Stbd

COT 5	1204.84	Port
COT 5	1204.84	Stbd
COT 6	1037.03	Port
COT 6	1037.03	Stbd

Total Wing: 13,083.10 Cu. Metres

Deck Tank Capacities at 98% Full:

Total Deck:

8.2a	Grand Total Cubic Capacity (98%) (centre + wing tanks)	
8.2.1	Capacity (98%) of each natural segregation with double valve (specify tanks):	Seg#1: 927.864 m3 (1P) Seg#2: 927.406 m3 (1S) Seg#3: 958.864 m3 (2P) Seg#4: 962.296 m3 (2S) Seg#5: 1205.751 m3 (3P) Seg#6: 1205.751 m3 (3S) Seg#7: 1205.664 m3 (4P) Seg#8: 1205.664 m3 (4S) Seg#9: 1204.842 m3 (5P) Seg#10: 1204.842 m3 (5S) Seg#11: 1037.031 m3 (6P) Seg#12: 1037.031 m3 (6S) Seg#13: 697.629 m3 (349.043 m3 Slop-P + 348.586 m3 Slop
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	349.04	Port
SLOP	348.59	Stbd

Total: 697.63 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:	

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.:	Yes FOR ALL CARGO AND SLOP TANKS 1.45 t/cbm @ 98%, and 1.8 t/cbm @ for partial filling	
8.6	Max loading rate for homogenous cargo	With VECS	Without VECS
	Loaded per manifold connection:	450 Cu. Metres/Hour	
	Loaded simultaneously through all manifolds:	1,800.00 Cu. Metres/Hour	1,800.00 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)?	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, KOREA REGISTER

8.12	Number/size of VECS manifolds (per side):	2	200 Millimetres
8.13	Number/size/type of VECS reducers:	2: 8x12	

Venting

8.14	State what type of venting system is fitted:	Vapour return line with Pressure/Vacuum valves HS ISO Type

Cargo Manifolds and Reducers

8.15 Total number/size of cargo manifold connections on each side:
No.: 14

Size:

Manifold	PCS	Size	Unit	Pressure Rating	Unit PR	Standard
1	P	150	mm	11	Bar	ANSI
1	S	150	mm	11	Bar	ANSI
2	P	150	mm	11	Bar	ANSI
2	S	150	mm	11	Bar	ANSI
3	P	150	mm	11	Bar	ANSI
3	S	150	mm	11	Bar	ANSI
4	P	150	mm	11	Bar	ANSI
4	S	150	mm	11	Bar	ANSI
5	P	150	mm	11	Bar	ANSI
5	S	150	mm	11	Bar	ANSI
6	P	150	mm	11	Bar	ANSI
6	S	150	mm	11	Bar	ANSI
7	P	150	mm	11	Bar	ANSI
7	S	150	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 SUS304/ANSI B16.5	
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:	815.00 Millimetres	
8.19	Distance ships rail to manifold:	3,740.00 Millimetres	
8.20	Distance manifold to ships side:	3,755.00 Millimetres	
8.21	Top of rail to center of manifold:	900.00 Millimetres	
8.22	Distance main deck to center of manifold:	2,480.00 Millimetres	
8.23	Spill tank grating to center of manifold:	920.00 Millimetres	
8.24	Manifold height above the waterline in normal ballast/at SDWT condition:	8.50 Metres	5.29 Metres
8.25	Number/size/type of reducers:	2 x 300/250mm (12/10") 2 x 300/200mm (12/8") 2 x 300/150mm (12/6") 2 x 150/200mm (6/8") 1 x 150/100mm (6/4") ANSI	
8.26	Is vessel fitted with a stern manifold? If yes, state size:	Yes, 300.00 Millimetres	

Heating

8.27	Provide details of Heating Coils/Heat Exchangers		
8.27.1	Is a Thermal Oil Heating system fitted? If yes, identify tanks?	N/A,	
8.28	Maximum temperature cargo can be loaded/maintained:	80.0 °C / 176.0 °F	70 °C / 158 °F
8.28.1	Minimum temperature cargo can be loaded/maintained:		

Inert Gas

8.29	Is an Inert Gas System (IGS) fitted/operational?	No/N/A
8.30	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:	
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?
1	Cargo Tank	Centrifugal	Hydraulic	300	25
2	Cargo Tank	Centrifugal	Hydraulic	100	25

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:	100.00 Cu. Metres/Hour
8.37	Is a washing water heater fitted? If yes is it operational and state max washing water temperature:	Yes, Yes 80.00 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, No
8.42	Is vessel fitted with a cargo cooling system. If yes is it operational and state tanks applicable:	No, No
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	FS	PP&PE	44	220	35	36.75	35	17.5	2312/21-1-0079	May 10, 2024	None	None	In Use	Suitable
Ropes	FS	PP&PE	44	220	35.9	37.67	35.9	18	2306/24-2-7943	Jan 12, 2024	None	None	In Use	Suitable
Ropes	FS	PP&PE	44	220	35.7	37.46	35.7	17.9	325/23-07-4163	Jan 12, 2024	None	None	In Use	Suitable
Ropes	FS	PP&PE	44	220	35.5	37.30	35.5	17.8	425/23-09-7495	May 10, 2024	None	None	In Use	Suitable
Ropes	FS	PP&PE	44	220	35.8	37.61	35.8	17.9	SCR/8654-2413	Jan 12, 2024	None	None	In Use	Suitable
Ropes	FS	PP&PE	44	220	35.6	37.39	35.6	17.8	SCR/4577-4459	Jan 12, 2024	None	None	In Use	Suitable
Ropes	AFT	PP&PE	44	220	35.8	37.61	35.8	17.9	SCR/8926-1758	Jan 12, 2024	None	None	In Use	Suitable
Ropes	AFT	PP&PE	44	220	35.6	37.39	35.6	17.8	SCR/7994-4588	May 12, 2024	None	None	In Use	Suitable
Ropes	AFT	PP&PE	44	220	35.5	37.28	35.5	17.8	SCR/8658-1445	Jan 12, 2024	None	None	In Use	Suitable
Ropes	AFT	PP&PE	44	220	35.6	37.51	35.6	17.8	GLK/5769-4553	May 10, 2024	None	None	In Use	Suitable
Ropes	AFT	PP&PE	44	220	35.8	37.63	35.8	19.7	GLK/4540-7556	Jan 12, 2024	None	None	In Use	Suitable
Ropes	AFT	PP&PE	44	220	35.6	37.40	35.6	19.6	GLK/4441-3444	Jan 12, 2024	None	None	In Use	Suitable
Ropes	BOSUN STORE	PP&PE	44	220	35.7	37.45	35.7	18.7	GLK/5996-7122	None	None	None	Spare	To be renewed
Ropes	BOSUN STORE	PP&PE	44	220	35.8	37.63	35.8	17.9	SCR/7672-1733	None	None	None	Spare	To be renewed
Ropes	BOSUN STORE	PP&PE	44	220	35.6	37.42	35.6	17.8	SCR/7912-1766	None	None	None	Spare	To be renewed
Ropes	BOSUN STORE	PP&PE	44	220	35.6	37.43	35.6	17.8	SCR/3311-1221	None	None	None	Spare	To be renewed

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	16	9	Manual	28.72	21.54	Oct 07, 2023	20.4	1
2	Yes	Hydraulic	No	16	9	Manual	28.72	21.54	Oct 07, 2023	20.3	1
3	Yes	Hydraulic	No	16	9	Manual	28.72	21.54	Oct 07, 2023	20.3	1
4	Yes	Hydraulic	No	16	9	Manual	28.72	21.54	Oct 07, 2023	20.4	1
5	Yes	Hydraulic	No	15	12	Manual	28.72	21.54	Oct 07, 2023	20.4	1
6	Yes	Hydraulic	No	15	12	Manual	28.72	21.54	Oct 07, 2023	20.3	1
7	Yes	Hydraulic	No	15	12	Manual	28.72	21.54	Oct 07, 2023	20.3	1
8	Yes	Hydraulic	No	15	12	Manual	28.72	21.54	Oct 07, 2023	20.4	1

9.3	Provide Details of Mooring bollards and bitts	
9.4	**Provide details of Mooring Fairleads/Chocks**	
Anchors/Emergency Towing System		
9.5	Number of shackles on port/starboard cable:	10/10
9.6	Type/SWL of Emergency Towing system forward:	N/A
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	
Escort Tug		
9.9	What is SWL of closed chock and/or fairleads of enclosed type on stern:	64.10 Metric Tonnes
9.10	What is SWL of bollard on poop deck suitable for escort tug:	36.40 Metric Tonnes
Lifting Equipment/Gangway		
9.11	Derrick/Crane description (Number, SWL and location):	Cranes: 1 x 10 Tonnes CRANES/CENTER
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)':?	No
9.15	If fitted, how many chain stoppers:	
9.16	Details of Bow chain stoppers:	
9.17	Distance between the bow fairlead and chain stopper/bracket:	
9.18	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:	

10.	**PROPULSION**		
10.1	Speed	Maximum	Economical
	Ballast speed:	13.40 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), LSFO	

	What type of fuel is used for generating plant	LSFO

10.3 Bunker Tank Capacities:

Tank Name	Bunker Type	Tank Type	Capacity	Max Pressure
1 FO (P)	HFO	Main Bunker Tank	266.339	5
1 FO (STBD)	HFO	Main Bunker Tank	266.339	5
2 FO (P)	HFO	Main Bunker Tank	54.897	5
2 FO (STBD)	HFO	Main Bunker Tank	53.414	5
SERV. (P)	HFO	Service Tank	18.098	5
SETT (P)	HFO	Settling Tank	18.060	5
DO TK (P)	MDO	Main Bunker Tank	16.891	5
DO TK (STBD)	MDO	Main Bunker Tank	26.452	5
DO SERV (P)	MDO	Service Tank	20.622	5
DO SETT (P)	MDO	Settling Tank	10.823	5

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	4,440 Kilowatt	STX-MAN B&W 6S35MC-MK7
	Aux engine:	3	480 Kilowatt	YANMAR Co ltd/ 6N18L-EV
	Power packs:	3	1,200 Cu. Metres/Hour	FRAMO
	Boilers:	1	12 Metric Tonnes/Hour	MUIRA PROTEC Co/HB12
Bow/Stern Thruster				
10.6	What is brake horse power of bow thruster (if fitted):		Yes, 536 bhp	
10.7	What is brake horse power of stern thruster (if fitted):		N/A,	
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 build date is prior to 1 January 2013 (2005) and the EEXI is applied to ship (The ship is exempt under regulation 20.1 as it is not a new ship as defined in regulation 2.23)	
	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, 10.53	
	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, C	
	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		The build date is prior to 1 January 2013 (2005) and the EEXI is applied to ship (The ship is exempt under regulation 20.1 as it is not a new ship as defined in regulation 2.23)	
	Is the EIV rating verified by Class, 3rd Party or Owner?		Class	
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:	2.27 Metres
11.3	Date/place of last STS operation:	Chittagong, Bangladesh / Nov 16, 2023
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):	XHVI3, XHVI 4, XHVI 8/MX & PX / XHVI3, XHVI 4, XHVI 8
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:	Jul 24, 2024, Dalian
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.*	International Energy Co. Ltd
12.6	Date/Place last SIRE inspection:	Dec 05, 2024 / Yokohama-Japan
12.6.1	Date/Place last CDI inspection:	/
12.7	Additional information relating to features of the ship or operational characteristics:	