| | Lightship: | | | 31.805 Metres | 25.225 Metr |
|------|---|------------------------------|--------------------------------|--------------------------------|-------------------------|
| | Normal ballast: | | | 29.719 Metres | 23.139 Metr |
| | Summer deadweight: | | | 27.27 Metres | 20.69 Metr |
| 1.44 | What is the max height of mast above waterline (air draft) | Full Mast | Collapsed Mast | | |
| 1.43 | What is the company guidelines for Under Keel Clearance | <u>'</u> | 20%; 10% and 0.3 mi | | |
| 1.42 | Constant (excluding fresh water): | | 200/ 100/ | | |
| 1.41 | Does vessel have multiple SDWT? If yes, please provide all assigned loadlines: | | | No N/A | |
| 1.40 | FWA/TPC at summer draft: | Landan ed Lee III | | | 14.60 Metric Tonr |
| | | 4.127 Wetles | 4.131 Metres | Tonnes | Toni |
| | Segregated Ballast Condition: | 4.127 Metres 4.127 Metres | 4.131 Metres 4.131 Metres | Tonnes | 5,031.30 Me |
| | Normal Ballast Condition: | 4.127 Metres | 4.131 Metres | | 5,031.30 Me |
| | Lightship: | 6.216 Metres | 2.045 Metres | Tonnes - | Ton 2,349.90 Me |
| | Tropical: | 1.544 Metres | 6.717 Metres | Tonnes 6,291.795 Metric | Ton 8,641.715 Me |
| | Winter: | 1.818 Metres | 6.443 Metres | Tonnes 5,889.795 Metric | Ton 8,239.715 Me |
| | Summer: | 1.681 Metres | 6.58 Metres | 6,089.55 Metric | 8,439.47 Me |
| 1.39 | Loadline | Freeboard | Draft | Deadweight | Displacement |
| | ine Information | | | | |
| 1.38 | Panama Canal Net Tonnage (PCNT): | | | | |
| 1.37 | Suez Canal Tonnage - Gross (SCGT)/Net (SCNT): | 3,333 | 3,5 | | |
| 1.36 | Gross Tonnage/Reduced Gross Tonnage (if applicable): | | | 3,999 | 3,3 |
| L.35 | Net Tonnage: | | | | 1,8 |
| onna | , , | | 40.303 Metres | 55.251 Wetles | 37.23 Met |
| | Aft to mid-point manifold: Parallel body length: | | 28.125 Metres 46.563 Metres | 28.438 Metres 53.251 Metres | 30.875 Met 57.25 Met |
| | Forward to mid-point manifold: | | 18.438 Metres | 24.813 Metres | 26.875 Met |
| L.34 | Parallel body distances | | Lightship | Normal Ballast | Summer Dwt |
| 1.33 | Bow to center manifold (BCM)/Stern to center manifold (S | | 53.60 Metres | 53.74 Met | |
| 1.32 | Distance bridge front to center of manifold: | | 31.50 Met | | |
| 1.31 | Keel to masthead (KTM)/ Keel to masthead (KTM) in collap | olicable: | 33.85 Metres | 27.27 Met | |
| L.30 | Moulded depth: | | | | 8.25 Met |
| L.29 | Extreme breadth (Beam): | | | | 15.80 Met |
| L.28 | Length between perpendiculars (LBP): | | | | 101.92 Met |
| 1.27 | Length overall (LOA): | | | | 107.34 Met |
| Dime | nsions | | | | |
| L.26 | If ship has Condition Assessment Program (CAP), what is the | he latest overall ratir | ng: | No, | |
| 1.25 | Date of last special survey/next special survey due: | | | Nov 15, 2018 | Nov 14, 2023 |
| L.24 | Date next dry dock due/next annual survey due: | | | Nov 14, 2023 | Feb 14, 2022 |
| L.23 | Date/place of last dry-dock: | | | Nov 15, 2018/Yalova, Turkey | |
| 22 | Does the vessel have ice class? If yes, state what level: | te of change. | | Yes, ID | |
| .21 | class recommendations? If yes, give details: If classification society changed, name of previous and dat | | n/a , Not Applicable | | |

| | | | T | 1 | |
|-----|---|--------------|----------------|-------------------|--------------|
| 2. | CERTIFICATES | Issued | Last Annual | Last Intermediate | Expires |
| 2.1 | Safety Equipment Certificate (SEC): | Jun 28, 2021 | Feb 09, 2021 | | Nov 14, 2023 |
| 2.2 | Safety Radio Certificate (SRC): | Jun 28, 2021 | Nov 26, 2020 | | Nov 14, 2023 |
| 2.3 | Safety Construction Certificate (SCC): | Jun 28, 2021 | Nov 26, 2020 | | Nov 14, 2023 |
| 2.4 | International Loadline Certificate (ILC): | Jun 28, 2021 | Nov 26, 2020 | | Nov 14, 2023 |
| 2.5 | International Oil Pollution Prevention Certificate (IOPPC): | Jun 28, 2021 | Nov 26, 2020 | | Nov 14, 2023 |
| 2.6 | International Ship Security Certificate (ISSC): | Jun 28, 2021 | Not Applicable | Not Applicable | Dec 27, 2021 |
| 2.7 | Maritime Labour Certificate (MLC): | Jun 28, 2021 | N/A | Not Applicable | Dec 27, 2021 |
| 2.8 | ISM Safety Management Certificate (SMC): | Jun 28, 2021 | Not Applicable | Not Applicable | Dec 27, 2021 |

| 2.9 | Document of Compliance (DOC): | Apr 13, 2021 | | | Nov 29, 2022 |
|-------|--|-----------------------|--------------------|----------------|----------------|
| 2.10 | USCG Certificate of Compliance(USCGCOC): | | Not Applicable | Not Applicable | |
| 2.11 | Civil Liability Convention (CLC) 1992 Certificate: | Jun 28, 2021 | N/A | N/A | Feb 20, 2022 |
| 2.12 | Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate: | Jun 28, 2021 | N/A | N/A | Feb 20, 2022 |
| 2.13 | Liability for the Removal of Wrecks Certificate (WRC): | Jun 28, 2021 | N/A | N/A | Feb 20, 2022 |
| 2.14 | U.S. Certificate of Financial Responsibility (COFR): | Not Applicable | N/A | N/A | Not Applicable |
| 2.15 | Certificate of Class (COC): | Jun 28, 2021 | Nov 26, 2020 | | Nov 14, 2023 |
| 2.16 | International Sewage Pollution Prevention Certificate (ISPPC): | Jun 28, 2021 | N/A | N/A | Nov 14, 2023 |
| 2.17 | Certificate of Fitness (COF): | Jun 28, 2021 | Nov 26, 2020 | Not Applicable | Nov 14, 2023 |
| 2.18 | International Energy Efficiency Certificate (IEEC): | Jun 28, 2021 | N/A | N/A | N/A |
| 2.19 | International Air Pollution Prevention Certificate (IAPPC): | Jun 28, 2021 | Nov 26, 2020 | Not Applicable | Nov 14, 2023 |
| Docur | nentation | | | | |
| 2.20 | Owner warrant that vessel is member of ITOPF and will revoyage/contract: | main so for the entir | e duration of this | Υ | es |
| 2.21 | Does vessel have in place a Drug and Alcohol Policy complying with OCIMF guidelines for Control of Drugs and Alcohol Onboard Ship? | | | Y | es |
| 2.22 | 2 Is the ITF Special Agreement on board (if applicable)? | | | Υ | es |
| 2.23 | ITF Blue Card expiry date (if applicable): | | | Sep 09, 2022 | |

| 3. | CREW | | | |
|-----|--|--|---|---|
| 3.1 | Nationality of Master: | | | Polish |
| 3.2 | Number and nationality of Officers: 6 | | 6 | Polish, Ukrainian, Estonian, Filipino |
| 3.3 | Number and nationality of Crew: 6 | | 6 | Ukrainian |
| 3.4 | What is the common working language onboard: | | | English |
| 3.5 | Do officers speak and understand English? | | | Yes |
| 3.6 | If Officers/ratings employed by a manning agency - Full style: | Officers: Marlow Navigation Co. Ltd. 13 Alexandrias Street 3013 Limassol Cyprus Tel: +357 25 882588 Fax: +357 25 882598 Telex: +605-2019 Email: marlow@marlow.com.cy | | Ratings: Marlow Navigation Co. Ltd. 13 Alexandrias Street 3013 Limassol Cyprus Tel: Tel: +357 25 882588 Fax: Fax: +357 25 882598 Telex: Telex: +605-2019 Email: Email: marlow@marlow.com.cy |

| 4. | FOR USA CALLS | | | | | |
|-----|---|----------------------------|--|--|--|--|
| 1 | Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coast Guard which has been approved by official USCG letter? | | | | | |
| 4.2 | Qualified individual (QI) - Full style: | Not Applicable | | | | |
| 4.3 | Oil Spill Response Organization (OSRO) - Full style: | Not Applicable Tel: n/a | | | | |
| 4.4 | Salvage and Marine Firefighting Services (SMFF) - Full Style: | n/a | | | | |

| 5. | SAFETY/HELICOPTER | |
|-------|--|---------------------------------|
| 1 | Is the vessel operated under a Quality Management System? If Yes, what type of system? (ISO9001 or IMO Resolution A.741(18) as amended): | Yes IMO Resolution A.741(18) |
| 5.2 | Can the ship comply with the ICS Helicopter Guidelines? | No |
| 5.2.1 | If Yes, state whether winching or landing area provided: | |
| 5.2.2 | If Yes, what is the diameter of the circle provided: | |

| 6. | COATING/ANODES | | | | |
|-----|----------------|--------|-------------|----------------|--------|
| 6.1 | Tank Coating | Coated | Туре | To What Extent | Anodes |
| | Cargo tanks: | Yes | Marine line | Whole Tank | No |
| | Ballast tanks: | Yes | Ероху | Whole Tank | Yes |

| | Stop taliks: | T | res | iviarine line | whole rank | INO | |
|-------|---|-----------------|--------------|----------------------|--|--------------------------|--|
| 7. | BALLAST | | | | | | |
| 7.1 | Pumps | | No. | Туре | Capacity | At What Head (sg=1.0) | |
| | Ballast Pumps: | | 2 | Centrifugal | 250 Cu. Metres/Hour | 100 Metre | |
| | Ballast Eductors: | | 0 | Other | 0 Cu. Metres/Hour | 0 Metre | |
| 8. | CARGO | | | | | | |
| Doubl | e Hull Vessels | | | | | | |
| 8.1 | Is vessel fitted with centerline bulkhead in all cargo tanks? If | f Yes. so | olid or perf | forated: | Yes, Solid | | |
| | Tank Capacities | | | | | | |
| 8.2 | Number of cargo tanks and total cubic capacity (max% per c 95%) excluding slops tanks: | 8%, 97%, 96% or | 12 | 6,577.06 Cu. Metre | | | |
| 8.2.1 | + | | | | 1 | l | |
| 8.2.2 | IMO class (Oil/Chemical Ship Type 1, 2 or 3): | | | | 2 | | |
| 8.3 | Number of slop tanks and total cubic capacity (max% per company policy: 98%, 97%, 96% or 95%): | | | | 2 | 137.488 Cu. Metre | |
| 8.3.1 | | | | | 1P/S 1015.57 2P/S 1158.00 3P/S 960.978 4P/S 1168.237 5P/S 1027.930 6P/S 1246.344 | | |
| 8.3.2 | Residual/retention oil tank(s) capacity (98%), if applicable: | | | | | 29.20 Cu. Metre | |
| SBT V | essels | | | | | | |
| 8.3.3 | What is total SBT capacity and percentage of SDWT vessel ca | an main | ntain? | | 2,425.83 Cu. Metres | 44 % | |
| 8.3.4 | Does vessel meet the requirements of MARPOL Annex I Reg | ; 18.2: | | | Yes | | |
| Cargo | Handling and Pumping Systems | | | | 1 | | |
| 8.4 | How many grades/products can vessel load/discharge with o | double | valve segr | egation: | | (| |
| 8.4.1 | State type of cargo containment (integral, independent, grav | vity or p | oressure ta | anks): | | | |
| 8.5 | Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrict | tions etc | c.: | | Yes Max filling 300 mc/hours for all cargo tanks / 80mc/hour for slop tank / max filling capacity 98 % of cargo tankslop tanks / max number of tank to be loaded/discharged in the same time 4 | | |
| 8.6 | Max loading rate for homogenous cargo | | | | With VECS | Without VECS | |
| | Loaded per manifold connection: | | | | | 300 Cu Metres/Hou | |
| | Loaded simultaneously through all manifolds: | | | | | 1,200 Cu Metres/Hou | |
| 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? | | | | Y | es | |
| Gaugi | ng and Sampling | | | | | | |
| 8.9 | Is gauging system certified and calibrated? If no, specify whi | ich ones | are not c | alibrated: | Yes, n/a | | |
| | What type of gauging system as per IBC 13.1 is fitted (Open/ | /Restric | ted/Close | d)? | | | |
| | What type of fixed closed tank gauging system is fitted: | | | | Radar | | |
| | Is a tank overflow control system fitted? If yes, then state if valves? | f system | includes | automatic closing of | Yes, | | |
| | Are high level alarms fitted to the cargo tanks? If Yes, indica | ate whe | ther to all | tanks or partial: | Yes, All | | |
| 8.9.1 | Can cargo be transferred under closed loading conditions in | accorda | ance with | ISGOTT 11.1.6.6? | Y | es | |
| 8.9.2 | Are cargo tanks fitted with multipoint gauging? If yes, specif | fy type a | and location | ons: | Yes, Radar and vapo | ur lock | |
| 8.10 | Number of portable gauging units (example- MMC) on board | | | | | | |
| Vapor | Emission Control System (VECS) | | | | 1 | | |
| 8.11 | Is a vapour return system (VRS) fitted? | | | | Yes | | |
| | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | L | | |

Yes

Marine line

Slop tanks:

Whole Tank

No

| Number/size/type of VECS reducers: Ny | 0 1 2 | Number/cize of VECS manifolds (per cide): | | | 1 | 200 Millimetres | |
|--|--------|---|---|----------------------------------|----------------------|------------------|--|
| New Section Section Independent In | | Number/size of VECS manifolds (per side): | | | 1 - /- | 200 Millimetres | |
| According to the what type of venting system is fitted: | | | | | n/a | | |
| Cargo Manifolds and Reducers | | | | | <u> </u> | | |
| Total number/size of cargo manifold connections on each side: 7/152.40 Millimetres 7/ | | | | | Independent | | |
| 8.15. Does the vessel have a Common Line Manifold connection? If yes, describe: 9x5 What type of valves are fitted at manifold: 8.17 Mats is the material/rating of the manifold: 8.17 Mats is the material/rating of the manifold: 8.18.17 South is the material/rating of the manifold: 8.19 Distance ships rail to manifold: 8.19 Distance ships rail to manifold: 8.20 Distance manifold to ships side: 8.21 Top of rail to center of manifold: 8.22 Distance manifold to center of manifold: 8.23 Spill tank grain to center of manifold: 8.24 Manifold height above the waterline in normal ballast/at SDWT condition: 8.25 Spill tank grain to center of manifold: 8.26 Manifold height above the waterline in normal ballast/at SDWT condition: 8.26 See See See See See See See See See S | | | | | | | |
| ### What type of valves are fitted at manifold: ### What is the material/atlang of the manifold: ### What is the manifold to pull in the provided of the provided of the manifold: ### What is the material/atlang of the manifold: ### What is the manifold to this side: ### What is the manifold to the manifold: ### What is the manifold: # | 8.15 | Total number/size of cargo manifold connections on each | side: | | 7/152.40 Millimetres | 5 | |
| Start Star | 8.15.1 | Does the vessel have a Common Line Manifold connection | ? If yes, describe: | | yes 10'' | | |
| 8.17.1 Dose vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment'? 8.18.10 Distance between cargo manifold centers: 8.19 Distance ships rail to manifold: 8.20 Distance shaips rail to manifold: 8.21 Top of rail to center of manifold: 8.22 Distance shain of the top of rail to center of manifold: 8.23 Distance shain of the top of rail to center of manifold: 8.24 Manifold height above the waterline in normal ballast/at SDWT condition: 8.25 Distance shain of the top of reducers: 8.26 Manifold height above the waterline in normal ballast/at SDWT condition: 8.27 Number/size/type of reducers: 8.28 Maximum (8/6") 8.29 Salve of the steep of reducers: 8.20 Salve of the steep of reducers: 8.20 Salve of the steep of reducers: 8.21 Salve of the steep of reducers: 8.22 Salve of the steep of reducers: 8.23 Salve of the steep of reducers: 8.24 Salve of the steep of reducers: 8.25 Salve of reducers: 8.26 Salve of reducers: 8.27 Salve of reducers: 8.27 Salve of reducers: 8.28 Salve of reducers: 8.28 Salve of reducers: 8.29 Salve of reducers: 8.20 Salve of re | 8.16 | What type of valves are fitted at manifold: | | Butterfly | | | |
| Marifolds and Associated Equipment? | 8.17 | What is the material/rating of the manifold: | | | stainless steel/ | | |
| Stance between cargo manifold centers: 870.00 Millimetre 3,400.00 Millimetre 3,400.00 Millimetre 3,400.00 Millimetre 3,450.00 Millimetre 3,250.00 Millimetre 3,2 | | · · | ecommendations fo | or Oil Tanker | Y | es | |
| Status S | | | | | | | |
| 8.20 Distance manifold to ships side: 3,450.00 Millimetre 3,200.00 Millimetre | | | | | | | |
| 1,320.00 Millimetre | | • | | | | | |
| Stance main deck to center of manifold: | | · | | | | | |
| Spill tank grating to center of manifold: | 8.21 | <u> </u> | | | | | |
| Manifold height above the waterline in normal ballast/at SDWT condition: | | | | | | • | |
| Number/size/type of reducers: 2 x 150/75mm (6/3") 2 x 150/100mm (6/4") 1 x 150/100mm (6/4") 1 x 150/100mm (6/4") 1 x 150/100mm (8/4") 1 x 150/100mm (8/4") 1 x 150/125mm (6/5") 3 x 200/150mm (8/6") (1 x 200/125 (8/5"), 1 x 150/150 (6/6"), 1 x 250/150 (10/6"), 1 x 250/150 (10 | | | | | | | |
| 2 x 150/100mm (8/4") 1 x 200/100mm (8/4") 1 x 150/125mm (6/5") 3 x 200/150mm (8/4") 1 x 150/125mm (6/5") 3 x 200/150mm (8/6") 1 x 250/150 (10/6"), | | , | DWT condition: | | | 4.03 Metres | |
| Heating 8.27 Cargo/slop tanks fitted with a cargo heating system? Type Coiled Material Cargo Tanks: Steam Yes SS Slop Tanks: Steam Yes SS Slop Tanks: Steam Yes SS Slop Tanks: Steam Yes SS S.27.1 Is a Thermal Oil Heating system fitted? If yes, identify tanks? , 8.28.1 Maximum temperature cargo can be loaded/maintained: 80.0 °C / 176.0 °F 80 °C / 176 ° 8.28.1 Minimum temperature cargo can be loaded/maintained: 80.0 °C / 32.0 °F 0.0 °C / 32.0 °F 1 Intert Gas and Crude Oil Washing 8.29 Is an Inert Gas System (IGS) fitted/operational? Yes/Yes 8.29.1 Is a Crude Oil Washing (COW) installation fitted/operational? No/N/A 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: 8.30 Important of the designed purity modes: 8.31 How many cargo pumps can be run simultaneously at full capacity: 8.32 Pumps No. Type Capacity At What Head (sg=1.0) 8.33 Cargo Pumps: 12 Centrifugal 250 M3/HR 125 Meter 8.34 Cargo Eductors: Stripping: | | | 2 x 150/100mm (6/4 1 x 200/100mm (8/4 1 x 150/125mm (6/5 3 x 200/150mm (8/6 (8/5"), 1 x 150/150 (6/6"), 1 x 250/150 (10/6"), 2 x 200/200 (8/8"), 3 x 250/200 (10/8"), 1 x 300/200 (12/8"), 1 x 300/250 (12/10") | ") ") ") ") (1x 200/125 | | | |
| Heating 8.27 Cargo/slop tanks fitted with a cargo heating system? Type Coiled Material Cargo Tanks: Steam Yes SS Slop Tanks: Steam Yes SS Slop Tanks: Steam Yes SS Slop Tanks: Steam Yes SS S.27.1 Is a Thermal Oil Heating system fitted? If yes, identify tanks? , 8.28.1 Maximum temperature cargo can be loaded/maintained: 80.0 °C / 176.0 °F 80 °C / 176 ° 8.28.1 Minimum temperature cargo can be loaded/maintained: 80.0 °C / 32.0 °F 0.0 °C / 32.0 °F 1 Intert Gas and Crude Oil Washing 8.29 Is an Inert Gas System (IGS) fitted/operational? Yes/Yes 8.29.1 Is a Crude Oil Washing (COW) installation fitted/operational? No/N/A 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: 8.30 Important of the designed purity modes: 8.31 How many cargo pumps can be run simultaneously at full capacity: 8.32 Pumps No. Type Capacity At What Head (sg=1.0) 8.33 Cargo Pumps: 12 Centrifugal 250 M3/HR 125 Meter 8.34 Cargo Eductors: Stripping: | 8.26 | Is vessel fitted with a stern manifold? If ves. state size: | | | | | |
| Cargo Tanks: Slop | | , : | | | ,,, | | |
| Cargo Tanks: Slop | 8.27 | Cargo/slop tanks fitted with a cargo heating system? | | Type | Coiled | Material | |
| 8.27.1 Is a Thermal Oil Heating system fitted? If yes, identify tanks? 8.28 Maximum temperature cargo can be loaded/maintained: 8.28.1 Minimum temperature cargo can be loaded/maintained: 8.28.2 Minimum temperature cargo can be loaded/maintained: 8.29 Is an Inert Gas System (IGS) fitted/operational? 8.29 Is an Inert Gas System (IGS) fitted/operational? 8.20 Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen: 8.30 If fritrogen 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: 8.32 Pumps 8.33 Cargo Pumps: 8.34 Cargo Pumps: Cargo Pumps: Cargo Eductors: Stripping: 8.35 Is at least one emergency portable cargo pump provided? 8.36 Tank washing pump capacity: | | Cargo Tanks: | | | Yes | SS | |
| Maximum temperature cargo can be loaded/maintained: 8.28.1 Minimum temperature cargo can be loaded/maintained: 8.28.1 Minimum temperature cargo can be loaded/maintained: 8.28.1 Minimum temperature cargo can be loaded/maintained: 8.29 Is an Inert Gas System (IGS) fitted/operational? 8.29 Is an Inert Gas System (IGS) fitted/operational? 8.20 Is a Crude Oil Washing (COW) installation fitted/operational? 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: 8.32 Pumps 8.33 No. Type Capacity At What Head (sg=1.0) Cargo Pumps: Cargo Pumps: 12 Centrifugal 70 M3/HR Cargo Eductors: Stripping: 8.33 Is at least one emergency portable cargo pump provided? 70 M3/HR Tank Cleaning Systems 8.34 Is portable tank cleaning equipment fixed in cargo tanks? 8.35 Is portable tank cleaning equipment provided? 70 May washing pump capacity: | | Slop Tanks: | | steam | Yes | SS | |
| 8.28.1 Minimum temperature cargo can be loaded/maintained: 8.28.1 Minimum temperature cargo can be loaded/maintained: 8.29 Is an Inert Gas System (IGS) fitted/operational? 8.29 Is a Crude Oil Washing (COW) installation fitted/operational? 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: 8.32 Pumps No. Type Capacity At What Head (sg=1.0) Cargo Pumps: 12 Centrifugal Cargo Eductors: Stripping: 8.33 Is at least one emergency portable cargo pump provided? Tank Cleaning Systems 8.34 Is tank cleaning equipment fixed in cargo tanks? 8.35 Is portable tank cleaning equipment provided? Tank washing pump capacity: | 8.27.1 | Is a Thermal Oil Heating system fitted? If yes, identify tank | s? | ı | , | | |
| Inert Gas and Crude Oil Washing 8.29 Is an Inert Gas System (IGS) fitted/operational? 8.29.1 Is a Crude Oil Washing (COW) installation fitted/operational? 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: 8.32 Pumps No. Type Capacity At What Head (sg=1.0) Cargo Pumps: Cargo Pumps: 12 Centrifugal 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Cargo Eductors: Stripping: 8.33 Is at least one emergency portable cargo pump provided? Tank Cleaning Systems 8.34 Is tank cleaning equipment fixed in cargo tanks? 8.35 Is portable tank cleaning equipment provided? 8.36 Tank washing pump capacity: | 8.28 | Maximum temperature cargo can be loaded/maintained: | | | 80.0 °C / 176.0 °F | 80 °C / 176 °F | |
| Inert Gas and Crude Oil Washing 8.29 Is an Inert Gas System (IGS) fitted/operational? 8.29.1 Is a Crude Oil Washing (COW) installation fitted/operational? 8.30 Is IGS supplied by filue 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: 8.32 Pumps No. Type Capacity At What Head (sg=1.0) Cargo Pumps: Cargo Pumps: 12 Centrifugal 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Cargo Eductors: Stripping: 8.33 Is at least one emergency portable cargo pump provided? 70 M3/HR 125 Meter 3 Centrifugal 70 M3/HR 125 M25 Centrifu | 8.28.1 | Minimum temperature cargo can be loaded/maintained: | | | 0.0 °C / 32.0 °F | 0.0 °C / 32.0 °F | |
| 8.29.1 Is a Crude Oil Washing (COW) installation fitted/operational? 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: 8.32 Pumps No. Type Capacity At What Head (sg=1.0) Cargo Pumps: Cargo Pumps: 12 Centrifugal 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Cargo Eductors: Stripping: 8.33 Is at least one emergency portable cargo pump provided? Tank Cleaning Systems 8.34 Is tank cleaning equipment fixed in cargo tanks? 8.35 Is portable tank cleaning equipment provided? Tank washing pump capacity: | | | | | | · | |
| 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: 8.32 Pumps No. Type Capacity At What Head (sg=1.0) Cargo Pumps: 12 Centrifugal 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Cargo Eductors: Stripping: 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Cargo Eductors: Stripping: 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Stripping: 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Stripping: 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Cargo Eductors: 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Stripping: 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Cargo Eductors: 250 M3/HR 125 Mete | 8.29 | Is an Inert Gas System (IGS) fitted/operational? | | | Yes | /Yes | |
| 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: 8.32 Pumps No. Type Capacity At What Head (sg=1.0) Cargo Pumps: 12 Centrifugal 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Cargo Eductors: Stripping: Yes Tank Cleaning Systems 8.34 Is tank cleaning equipment fixed in cargo tanks? 8.35 Is portable tank cleaning equipment provided? Tank washing pump capacity: | 8.29.1 | Is a Crude Oil Washing (COW) installation fitted/operation | al? | | No/ | N/A | |
| Cargo Pumps 8.31 How many cargo pumps can be run simultaneously at full capacity: 8.32 Pumps No. Type Capacity At What Head (sg=1.0) Cargo Pumps: 12 Centrifugal 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Cargo Eductors: Stripping: | 8.30 | Is IGS supplied by flue gas, inert gas (IG) generator and/or | nitrogen: | | IG Generator | | |
| How many cargo pumps can be run simultaneously at full capacity: Radian How many cargo pumps can be run simultaneously at full capacity: Radian Rad | 8.30.1 | If nitrogen generator, specify the applicable flow rate for e | purity modes: | | | | |
| Pumps No. Type Capacity At What Head (sg=1.0) Cargo Pumps: 12 Centrifugal 250 M3/HR 70 M3/HR Cargo Eductors: 3 Centrifugal 70 M3/HR Stripping: Yes Tank Cleaning Systems 8.34 Is tank cleaning equipment fixed in cargo tanks? 8.35 Is portable tank cleaning equipment provided? 8.36 Tank washing pump capacity: | | | - | | • | | |
| Cargo Pumps: 12 Centrifugal 250 M3/HR 125 Meter 3 Centrifugal 70 M3/HR Cargo Eductors: Stripping: 8.33 Is at least one emergency portable cargo pump provided? Tank Cleaning Systems 8.34 Is tank cleaning equipment fixed in cargo tanks? 8.35 Is portable tank cleaning equipment provided? 8.36 Tank washing pump capacity: | 8.31 | How many cargo pumps can be run simultaneously at full | capacity: | | | 4 | |
| Cargo Eductors: Stripping: 8.33 Is at least one emergency portable cargo pump provided? Tank Cleaning Systems 8.34 Is tank cleaning equipment fixed in cargo tanks? 8.35 Is portable tank cleaning equipment provided? 8.36 Tank washing pump capacity: | 8.32 | Pumps | No. | Туре | Capacity | | |
| Stripping: 8.33 Is at least one emergency portable cargo pump provided? Tank Cleaning Systems 8.34 Is tank cleaning equipment fixed in cargo tanks? 8.35 Is portable tank cleaning equipment provided? 8.36 Tank washing pump capacity: | | Cargo Pumps: | | | | 125 Meters | |
| 8.33 Is at least one emergency portable cargo pump provided? Tank Cleaning Systems 8.34 Is tank cleaning equipment fixed in cargo tanks? 8.35 Is portable tank cleaning equipment provided? 8.36 Tank washing pump capacity: | | Cargo Eductors: | | | | | |
| Tank Cleaning Systems 8.34 Is tank cleaning equipment fixed in cargo tanks? 8.35 Is portable tank cleaning equipment provided? 8.36 Tank washing pump capacity: | | Stripping: | | | | | |
| 8.34 Is tank cleaning equipment fixed in cargo tanks? 8.35 Is portable tank cleaning equipment provided? 8.36 Tank washing pump capacity: | 8.33 | | | • | Y | es | |
| 8.35 Is portable tank cleaning equipment provided? 8.36 Tank washing pump capacity: | Tank C | leaning Systems | | | | | |
| 8.36 Tank washing pump capacity: | 8.34 | Is tank cleaning equipment fixed in cargo tanks? | | | | | |
| | 8.35 | Is portable tank cleaning equipment provided? | | | | | |
| 8.37 Is a washing water heater fitted? If yes is it operational and state max washing water , | 8.36 | Tank washing pump capacity: | | | | | |
| | 8.37 | Is a washing water heater fitted? If yes is it operational an | d state max washin | g water | , | | |

| | temperature: | |
|-------|---|------|
| 8.38 | What is the maximum number of machines that can be operated at their designed max pressure? | |
| Other | Deck Equipment | |
| 8.39 | Is vessel fitted with a remote cargo tank temperature monitoring system. If yes, is it operational? | Yes, |
| 8.40 | Is vessel fitted with a remote cargo tank pressure monitoring system. If yes, is it operational? | Yes, |
| 8.41 | Is vessel fitted with a cargo tank drier. If yes is it operational and state capacity: | , |
| 8.42 | Is vessel fitted with a cargo cooling system. If yes is it operational and state tanks applicable: | , |
| 8.43 | Is steam available on deck? | |

| 9. | MOORING | | | | | |
|--------|--|---------------------------------|------------------|---------------------------------|------------------------|-----------------------------------|
| 9.1 | Wires (on drums) | No. | Diameter | Material | Length | Breaking Strength |
| | Forecastle: | 0 | 0 Millimetres | N/A | 0 Metres | 0 Metric Tonnes |
| | Main deck fwd: | 0 | 0 Millimetres | N/A | 0 Metres | 0 Metric Tonnes |
| | Main deck aft: | 0 | 0 Millimetres | N/A | 0 Metres | 0 Metric Tonnes |
| | Poop deck: | 0 | 0 Millimetres | N/A | 0 Metres | 0 Metric Tonnes |
| 9.2 | Wire tails | No. | Diameter | Material | Length | Breaking Strength |
| | Forecastle: | 0 | 0 Millimetres | N/A | 0 Metres | 0 Metric Tonnes |
| | Main deck fwd: | 0 | 0 Millimetres | N/A | 0 Metres | 0 Metric Tonnes |
| | Main deck aft: | 0 | 0 Millimetres | N/A | 0 Metres | 0 Metric Tonnes |
| | Poop deck: | 0 | 0 Millimetres | N/A | 0 Metres | 0 Metric Tonnes |
| 9.3 | Ropes (on drums) | No. | Diameter | Material | Length | Breaking Strength |
| | Forecastle: | 2 | 40 Millimetres | Polyester/Polyprop ylene | 220 Metres | 32 Metric Tonnes |
| | Main deck fwd: | 0 | 0 Millimetres | n/a | 0 Metres | 0 Metric Tonnes |
| | Main deck aft: | 2 | 40 Millimetres | Polyester/Polyprop ylene | 220 Metres | 32 Metric Tonnes |
| | Poop deck: | 0 | 0 Millimetres | n/a | 0 Metres | 0 Metric Tonnes |
| 9.4 | Other lines | No. | Diameter | Material | Length | Breaking Strength |
| | Forecastle: | 5 | 40 Millimetres | Polyester/Polyprop ylene | 220 Metres | 32 Metric Tonnes |
| | Main deck fwd: | 3 | 40 Millimetres | Polyester/Polyprop ylene | 220 Metres | 32 Metric Tonnes |
| | Main deck aft: | 0 | 0 Millimetres | n/a | 0 Metres | 0 Metric Tonnes |
| | Poop deck: | 4 | 40 Millimetres | Polyester/Polyprop ylene | 220 Metres | 32 Metric Tonnes |
| 9.5 | Winches | No. | No. Drums | Motive Power | Brake Capacity | Type of Brake |
| | Forecastle: | 2 | Single Drum | Hydraulic | 18.60 Metric Tonnes | Hand operated/Friction band |
| | Main deck fwd: | 0 | | | 0 Metric Tonnes | n/a |
| | Main deck aft: | 2 | Single Drum | Hydraulic | 18.60 Metric Tonnes | Hand operated/Friction band |
| | Poop deck: | 0 | | | 0 Metric Tonnes | n/a |
| 9.6 | Bitts, closed chocks/fairleads | | No. Bitts | SWL Bitts | No. Closed Chocks | SWL Closed Chocks |
| | Forecastle: | | 7 | 50 Metric Tonnes | 4 | 50 Metric Tonnes |
| | Main deck fwd: | | 4 | 50 Metric Tonnes | 4 | 50 Metric Tonnes |
| | Main deck aft: | | 4 | 50 Metric Tonnes | 4 | 50 Metric Tonnes |
| | Poop deck: | | 5 | 50 Metric Tonnes | 4 | 50 Metric Tonnes |
| Ancho | ors/Emergency Towing System | | | | | |
| 9.7 | Number of shackles on port/starboard cabl | e: | | | 9 | /9 |
| 9.8 | Type/SWL of Emergency Towing system forward: | | | Panama lead + double bollard | 80 Metric Tonnes | |
| 9.9 | Type/SWL of Emergency Towing system aft | Panama lead + double bollard | 80 Metric Tonnes | | | |
| 9.10.1 | What is size of closed chock and/or fairlead | | | n/a | | |
| Escort | Tug | | | | | |

| 0 10 2 | What is SWL of closed chock and/or fairleads of enclosed type on stern: | | 80 Metric Tonnes | | |
|--------------|--|--|--|---|--|
| 9.10.2 | What is SWL of closed chock and/or fairleads of enclosed type on stern: What is SWL of bollard on poop deck suitable for escort tug: | | 80 Metric Tonnes | | |
| | | | | 80 Metric Torries | |
| 9.12 | Derrick/Crane description (Number, SWL and location): | Derricks: 1 x 5 Tonnes, Cranes: 1 x 2 Tonnes Centre/Aft SB | | | |
| 9.13 | Accommodation ladder direction: | | - | | |
| | Does vessel have a portable gangway? If yes, state length: | | | Yes, 8 Metres | |
| Single | Point Mooring (SPM) Equipment | | 1 | | |
| 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)':? | | | lo | |
| 9.15 | If fitted, how many chain stoppers: | | 1 | | |
| 9.16 | State type/SWL of chain stopper(s): | | n/a | 200 Metric Tonnes | |
| 9.17 | What is the maximum size chain diameter the bow stopper(s) can handle: | | | 0 Millimetres | |
| 9.18 | Distance between the bow fairlead and chain stopper/bracket: | | | 0 Metres | |
| 9.19 | 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: | | 12.50 Knots (WSNP) | 11.50 Knots (WSNP) | |
| | Laden speed: | | 12 Knots (WSNP) | 11 Knots (WSNP) | |
| 10.2 | What type of fuel is used for main propulsion/generating plant: | | IFO 180/380 cst | Diesel oil | |
| 10.3 | Type/Capacity of bunker tanks: | | Fuel Oil: 277.44 Cu. Metres Diesel Oil: 79.53 Cu. Metres Gas Oil: 0 Cu. Metres | | |
| 10.4 | Is vessel fitted with fixed or controllable pitch propeller(s): | | Controllable | | |
| 10.5 | Engines | No | Capacity | Make/Type | |
| | Main engine: | 1 | 2,610 Kilowatt | Hyundai Heavy Industries Co. Ltd. / Himsen 9H25/33 | |
| | Aux engine: | 3 | 390 Kilowatt | MAN Nutzfahrzeuge AG/ D2876LE301 | |
| | Power packs: | 2 | | Framo / OCE180-3 | |
| | Boilers: | 2 | 2.50 Metric Tonnes/Hour | Main S MAN NG/C 2500; exhaust : S MAN NG/EG 665 | |
| Bow/S | Stern Thruster | | | | |
| 10.6 | What is brake horse power of bow thruster (if fitted): | | Yes, 402.14 bhp | | |
| 10.7 | What is brake horse power of stern thruster (if fitted): | | No, 0 bhp | | |
| Emissi | ions | | | | |
| 10.8 | Main engine IMO NOx emission standard: | | Tier I | | |
| 10.9 | Energy Efficiency Design Index (EEDI) rating number: | | N/A | | |
| 11. | SHIP TO SHIP TRANSFER | | I | | |
| 11.1 | Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship To (Petroleum, Chemicals or Liquified Gas, as applicable)? | Y | es | | |
| 11.2 11.3 | What is maximum outreach of cranes/derricks outboard of the ship's side: Date/place of last STS operation: | | N/A | 2 Metres | |
| | | | 1.77 | | |
| 12. | RECENT OPERATIONAL HISTORY | | ı | | |
| 12.1 | Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last): | | N/A | | |
| 12.2 | Has vessel been involved in a pollution, grounding, serious casualty, unscheduled r | enair or | Pollution: No, N/A Grounding: No, N/A | | |

| | | Casualty: No, N/A Repair: No, N/A Collision: No, N/A |
|--------|---|--|
| 12.3 | Date and place of last Port State Control inspection: | Sep 22, 2021 / Bordeaux |
| 12.4 | Any outstanding deficiencies as reported by any Port State Control? If yes, provide details: | N/A N/A |
| | 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. | LUKOIL |
| 12.6 | Date/Place of last SIRE inspection: | Sep 22, 2021 / Bordeaux |
| 12.6.1 | Date/Place of last CDI inspection: | Sep 13, 2021 / Bordeaux |
| 12.7 | Additional information relating to features of the ship or operational characteristics: | N/A |

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