

	O.B	Location
Magnetic Compass Jupiter	2 pcs	Bridge
Gyro Compass Standart 22	3 pcs	Bridge
Gyro Compass Control Station Anschultz	2 pcs	Bridge
Gyro Compass Digital repeater Anschultz	2 pcs	Bridge
Gyro Compass repeater Anschultz	2 pcs	Bridge
Compass Monitor Sperry Marine NAVITWIN IV	1 pc	Bridge
Compass Monitor Repeater Sperry Marine	1 pc	Bridge
Autopilot Operator Unit Anschultz Pilotstar D	1 pc	Bridge
Echo-sounder Furuno FE-800	1 pc	Bridge
Echo-sounder digital Furuno RD-20	2 pcs	Bridge
Doppler Speed log Furuno DS-80	1 pc	Bridge
Doppler Log Digital Indicator RD-20	1 pc	Bridge
Radar 3cm Furuno (x-band)	1 pc	Bridge
Radar 10cm Furuno (s-band)	1 pc	Bridge
Daylight Signaling Light HLS with battery	1 pc	Bridge
AIS SAILOR 6004	1 pc	Bridge
Tron AIS-SART Jotron 20	2 pcs	Bridge
DGPS Furuno GP-170	1 pc	Bridge
GPS Furuno RD-33	1 pc	Bridge
BNWAS Furuno BR-510	1 pc	Bridge
GNSS Receiver Fugro Seastar AS	2 pcs	Bridge
GNSS Control Unit Fugro 9200-IPDU	2 pcs	Bridge
Facsimile Weather Receiver Furuno FAX-408	1 pc	Bridge
Inmarsat Fleet Broadband (FBB) Furuno FELCOM 500	1 pc	Bridge
VHF Radiotelephone station Furuno FM-8900S	2 pcs	Bridge
VHF Radiotelephone hand Furuno	1 pc	Bridge
VHF Radiotelephone Icom IC-M304	2 pcs	Bridge
MF/HF Radio station Furuno FS-2575 C	1 pc	Bridge
Navtex Receiver Furuno NX-700	1 pc	Bridge
EPIRB NEB-2000	1 pc	Bridge deck
EPIRB Jotron , Tron 40VDR	1 pc	Bridge deck
VDR Furuno VR-7000	1 pc	Bridge deck
VDR Remote Alarm panel VR-7017	1 pc	Bridge
Inmarsat-C Furuno FELCOM 18 (LRIT)	1 pc	Bridge
Inmarsat-C Furuno FELCOM 18 (SSAS)	1 pc	Bridge
Printer Inmarsat-C Furuno FELCOM 18	2 pcs	Bridge
MF/HF Radiotelephone Furuno FS-2575	1 pc	Bridge

Portable Survival craft VHF Radiotelephone Mcmurdo R5 Gmdss	3 pcs	Bridge
Battery for VHF GMDSS McMurdo	3 pcs	Bridge
Public address system IMCOS 2101A	2 pcs	Bridge
Printer Epson L360	1 pc	Bridge
Printer HP Laser Jet Pro 200 color M251 nw (DP)	1 pc	Bridge
Printer HP Color LaserJet Pro MFP M479DW	3 pcs	Bridge
Portable UHF MOTOROLA	3 pcs	Bridge
Laminator Deli	2 pcs	Bridge
Chronometer (quartz) BAOXING CLOCK-WATCH	1 pc	Bridge
Barometer DYM3	1 pc	Bridge
Thermometer	1 pc	Bridge
Sextant	1 pc	Bridge
Inclinometer	1 pc	Bridge
Binocular	2 pcs	Bridge
Stop watch	3 pcs	Bridge
Big signal Bell	1 pc	Bridge
Black ball shape	2 pcs	Bridge
Cylindrical shape	1 pc	Bridge
ALDIS Lamp	1 pc	Bridge
DP2 system ICON Rolls-Royce	1 set	Bridge
Rolls-Royce Poscon Joystic System	1 pc	Bridge
Portable UHF Entel	6 set	Bridge
Triple-C gas detector	2 set	Bridge
GCT external pump	1 set	Bridge
V-SAT phone GRANDSTREAM	1 pc	Bridge
Mobile telephone Panasonic	1 pc	Bridge
Dymo printer	1 set	Bridge
Emergency Laptop	1 pc	Bridge
EEBD	1 set	Bridge
Powder extinguisher	1 pc	Bridge
CO2 extinguisher	2 pcs	Bridge
ECDIS	2 set	Bridge
PC	3 set	Bridge
Rolls-Royce thruster	2 set	Bridge
Rolls-Royce propulsion gear	2 set	Bridge
Rolls-Royce steering gear	2 set	Bridge
Normal clock	1 pc	Bridge
Marine clock	2 pcs	Bridge

Date: 04.10.2025

Incoming Master:

Outgoing Master:

Fire fighting system panel	1 set	Bridge
Watertight doors	1 set	Bridge
Medical box	1 set	Bridge
Fireman equipment	2 set	Bridge
Line throwing apparatus projectiles	4 pcs	Bridge
Fire door alarm panel	1 pc	Bridge
Inmarsat distress panel	2 pcs	Bridge
Inmarsat alarm receiver panel	2 pcs	Bridge
Window wiper panel	2 pcs	Bridge
Ear protection	1 box	Bridge
Gloves	35 set	Bridge
Telescoping mirror inspection	2 set	Bridge
Scanner metal detector	2 set	Bridge
Night vision	1 set	Bridge
Camera recorder	1 set	Bridge
Propulsion emergency stop control panel	2 set	Bridge
Thruster pms buttons	1 pc	Bridge
Main engine operate panel on BCCF	1 pc	Bridge
Main engine operate panel on BCCA	1 pc	Bridge
Emergency telegram panel	2 pcs	Bridge
Propulsion control panel	2 pcs	Bridge
Steering gear alarm panel	2 pcs	Bridge
IAS alarm panel	2 pcs	Bridge
IAB indicator panel	1 pc	Bridge
MF/HF handset	1 pc	Bridge
Wheelhouse push button panel for emergency stop	1 pc	Bridge
Light panel	2 pcs	Bridge
Refrigerator call alarm	1 pc	Bridge
Hospital call	1 pc	Bridge
GA control panel	1 pc	Bridge
Flush telephone	2 pcs	Bridge
Fog horn panel	1 pc	Bridge
Horn panel	1 pc	Bridge
Fire alarm panel	1 pc	Bridge
Search light panel	2 pcs	Bridge
Local water mist alarm indication panel	1 pc	Bridge
Power fail alarm panel	2 pcs	Bridge
Telephone	1 pc	Bridge
Portable joystick	1 pc	Bridge
DP mode selector panel	1 pc	Bridge

Date: 04.10.2025

Incoming Master:

Outgoing Master:

Fire & bilge pump button	1 pc	Bridge
Shark jaw & tow pin remote control panel	1 pc	Bridge
Winch control emergency release button	1 set	Bridge
Winch bridge control panel	1 pc	Bridge
IAS operator station	2 pcs	Bridge
Winch control system monitor	1 pc	Bridge
Dry bulk touch screen	1 pc	Bridge
Emergency stop panel of cargo system	1 pc	Bridge
Hand tools	2 pcs	Bridge
Coffee machine	1 pc	Bridge
Boiling machine	1 pc	Bridge
File destroyer	1 pc	Bridge
Flags	80 pcs	Bridge
Imo signs	744 pcs	Bridge
Imo posters	38 pcs	Bridge
Life saving equipment	2 set	Bridge
Bulbs	4 set	Bridge
Heavy tools	4 set	Bridge
Navigation light panel	1 pc	Bridge
Vacuum cleaner	1 pc	Bridge
Line throwing apparatus	1 pc	Bridge
Fire fighting UHF Entel	1 set	Bridge
Entel HT644 Submersible Marine VHF Transceiver with Display and CMP750 Submersible Heavy Duty Speaker Microphone	1 set	Bridge

For detailed information per each category open "P:\Bridge\8. Inventories\1. General Index.xlsx" &
"P:\Spec Nicole O&MM SP Catalogues for IT Department\Bridge"

Last update: 13.08.2025

Intermediate stbd shaft bearing No3	Wartella Seals & Bearings Product Company, Spain	CEDN290/300	
Intermediate stbd shaft bearing No4	Wartella Seals & Bearings Product Company, Spain	CEDN290/300	
Simplex Compact aft seal, port	Blohm + Voss Industries GmbH, Hamburg, Germany	SC2 S / Y	
Simplex Compact aft seal, stbd	Blohm + Voss Industries GmbH, Hamburg, Germany	SC2 S / Y	
Simplex Compact fwd seal, port	Blohm + Voss Industries GmbH, Hamburg, Germany	SC2 Z	
Simplex Compact fwd seal, stbd	Blohm + Voss Industries GmbH, Hamburg, Germany	SC2 Z	
Simplex Compact bulkhead seal, port	SKF Blohm + Voss Industries GmbH, Hamburg, Germany	CENTRAX	
Simplex Compact bulkhead seal, port	SKF Blohm + Voss Industries GmbH, Hamburg, Germany	CENTRAX	
Auxiliary engine, port	Shanghai Kontune Power Co., Ltd., Shanghai, China	QSK19-D(M)	
Auxiliary engine, stbd	Shanghai Kontune Power Co., Ltd., Shanghai, China	QSK19-D(M)	
Auxiliary generator, port	STAMFORD, Cummins Generator Technologies (China) Co., Ltd. Xiangliang Road, Wuxi High-tech Industrial Dev. Zone, China	HC.M534F1	
Auxiliary generator, stbd	STAMFORD, Cummins Generator Technologies (China) Co., Ltd. Xiangliang Road, Wuxi High-tech Industrial Dev. Zone, China	HC.M534F1	
Emergency generator engine	Shanghai Kontune Power Co., Ltd., Shanghai, China	6BT5.9-D(M)	
Emergency generator	STAMFORD, Cummins Generator Technologies (China) Co., Ltd. Xiangliang Road, Wuxi High-tech Industrial Dev. Zone, China	UC.M274E13	
No.1 bow thruster	Rolls-Royce Marine AS- dep. Propulsion - Ulsteinvik, Ulsteinvik, Norway	TT 1650 DPN CP	
No.1 bow thruster el.motor	ABB	M3LP 400LB 6 IMV1/IM3011	
No.1 bow thruster servo pump	Rolls-Royce Marine AS- dep. Propulsion - Ulsteinvik, Ulsteinvik, Norway	TT1650CPRRM300029017	
No.1 bow thruster servo pump el.motor	BEVI, Sweden, Denmark, Norway, Finland	4A2 132M1-6	
No.2 bow thruster	Rolls-Royce Marine AS- dep. Propulsion - Ulsteinvik, Ulsteinvik, Norway	TT 1650 DPN CP	
No.2 bow thruster el.motor	ABB	M3LP 400LB 6 IMV1/IM3011	
No.2 bow thruster servo pump	Rolls-Royce Marine AS- dep. Propulsion - Ulsteinvik, Ulsteinvik, Norway	TT1650CPRRM300029019	
No.2 bow thruster servo pump el.motor	BEVI, Sweden, Denmark, Norway, Finland	4A2n 132M1-6	
Stern thruster	Rolls-Royce Marine AS- dep. Propulsion - Ulsteinvik, Ulsteinvik, Norway	TT 1650 DPN CP	
Stern thruster el.motor	ABB	M3LP 400LB 6 IMV1/IM3011	
Stern thruster servo pump	Rolls-Royce Marine AS- dep. Propulsion - Ulsteinvik, Ulsteinvik, Norway	TT1650CPRRV300029021	
Stern thruster servo pump el.motor	BEVI, Sweden, Denmark, Norway, Finland	4A2 132M1-6	
CO2 cylinders	Beijing Tianhai Industry Co., Ltd., Beijing, China		
CO2 manifold	Shanghai Pudong Zhuyuan Pressure Vessel Manufacture Co., Ltd., Shanghai, China		
Sewage treatment plant	JOWA AB, Goteborg, Sweden	JOWA STP 2010-40	
Diesel oil purifier	GEA Mechanical Equipment (Tianjin) Co., Ltd., Tianjin, China	OSE5-91-037/5	
Lubricating oil purifier 1	GEA Mechanical Equipment (Tianjin) Co., Ltd., Tianjin, China	OSE5-91-037/5	
Lubricating oil purifier 2	GEA Mechanical Equipment (Tianjin) Co., Ltd., Tianjin, China	OSE5-91-037/5	
Flow electric heater 1	ELWA-Elektro-Warme Munchen-A.Hilpoltsteiner GmbH&Co.KG, Maisach, Germany	4710-evo	
Flow electric heater 2	ELWA-Elektro-Warme Munchen-A.Hilpoltsteiner GmbH&Co.KG, Maisach, Germany	4710-evo	
ME plate cooler sea water pump 1	BOMBAS AZCUE S.A., ARRONA(Guipuzcoa), Spain	LN-100-250	
motor	WEG	180M-04	
ME plate cooler sea water pump 2	BOMBAS AZCUE S.A., ARRONA(Guipuzcoa), Spain	LN-100-250	
motor	WEG	180M-04	
HPU SW pump	BOMBAS AZCUE S.A., ARRONA(Guipuzcoa), Spain	LN-100-250	
motor	WEG	180M-04	
Miscellaneous plate cooler SW pump 1	BOMBAS AZCUE S.A., ARRONA(Guipuzcoa), Spain	LN-40-125	
motor	WEG	AL132S-02	
Miscellaneous plate cooler SW pump 2	BOMBAS AZCUE S.A., ARRONA(Guipuzcoa), Spain	LN-40-125	
motor	WEG	AL132S-02	
SW backup pump	BOMBAS AZCUE S.A., ARRONA(Guipuzcoa), Spain	LN-VP-100-250	
motor	WEG	180M-04	
ME LT water pump 1	BOMBAS AZCUE S.A., ARRONA(Guipuzcoa), Spain	LN-80-250	
motor	WEG	160 L-04	
ME LT water pump 2	BOMBAS AZCUE S.A., ARRONA(Guipuzcoa), Spain	LN-80-250	
motor	WEG	160L-04	
ME HT water backup pump 1	BOMBAS AZCUE S.A., ARRONA(Guipuzcoa), Spain	LN-50-160	
motor	WEG	160 M-02	
ME HT water backup pump 2	BOMBAS AZCUE S.A., ARRONA(Guipuzcoa), Spain	LN-50-160	
motor	WEG	160 M-02	
Miscellaneous FW cooling pump 1	BOMBAS AZCUE S.A., ARRONA(Guipuzcoa), Spain	LN-40-125	
motor	WEG	AL132S-02	
Miscellaneous FW cooling pump 2	BOMBAS AZCUE S.A., ARRONA(Guipuzcoa), Spain	LN-40-125	
motor	WEG	AL132S-02	
Miscellaneous FW cooling backup pump		LN-40-125	

Marine watertight door, deck store	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1650x700	A007
Marine watertight door, hyd room	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1400x750	A008
Marine watertight door, charger room	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1400x750	A009
Marine watertight door, FE storage	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1400x700	A010
Marine watertight door, paint room	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1400x700	A011
Marine watertight door, FWD deck store	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1750x700	A012
Marine watertight door, 2P	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1650x750	A013
Marine watertight door, 2S	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1650x750	A014
Marine watertight door, 1P	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1720x750	A015
Marine watertight door, 1S	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1720x750	A016
Marine watertight door, sick bay	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1720x850	A017
Marine watertight door, forecandle	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1400x750	A018
Marine watertight door, Laundry	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1530x750	A019
Marine watertight door, Messroom	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1530x750	A020
Marine watertight door, tunnel	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1800x750	
ECR packaged A/C plant, stbd	Heinen & Hopman (Changshu) Co., Ltd.	CS10	
ECR packaged A/C plant, port	Heinen & Hopman (Changshu) Co., Ltd.	CS10	
Bridge packaged A/C plant, stbd	Heinen & Hopman (Changshu) Co., Ltd.	CST05	
Bridge packaged A/C plant condenser, stbd	Heinen & Hopman (Changshu) Co., Ltd.	CSA20	
Bridge packaged A/C plant, port	Heinen & Hopman (Changshu) Co., Ltd.	CST05	
Bridge packaged A/C plant condenser, port	Heinen & Hopman (Changshu) Co., Ltd.	CSA20	
A/C unit, compressor part	Heinen & Hopman (Changshu) Co., Ltd.	06E3585/CK1973T4	
A/C unit, evaporator part	Heinen & Hopman (Changshu) Co., Ltd.		
Provision plant unit	Heinen & Hopman (Changshu) Co., Ltd.	2CES-3Y-40S/CK203H4	
Shark Jaw & Towing Pin (Angular) unit	MacGregor (Tianjin) Co., Ltd., Tianjin, China	MG-STA-400-S	P5202
Anchor Handling & Towing winch	I.P.Huse A/S, Harøy, Norway	NPO13/0069: SL300W / BSL300W	
Bow single-roller fairlead, port	Ningbo Spin Machinery Co., Ltd., Ningbo, China	B300	140.41.16
Bow single-roller fairlead, stbd	Ningbo Spin Machinery Co., Ltd., Ningbo, China	B300	140.41.17
Single-roller fairlead, port	Ningbo Spin Machinery Co., Ltd., Ningbo, China	B250	140.0.06
Single-roller fairlead, port	Ningbo Spin Machinery Co., Ltd., Ningbo, China	B250	140.0.03
Single-roller fairlead, stbd	Ningbo Spin Machinery Co., Ltd., Ningbo, China	B250	140.0.02
Single-roller fairlead, stbd	Ningbo Spin Machinery Co., Ltd., Ningbo, China	B250	140.0.01
Stern single-roller fairlead, port	Ningbo Spin Machinery Co., Ltd., Ningbo, China	150	140.21
Stern single-roller fairlead, stbd	Ningbo Spin Machinery Co., Ltd., Ningbo, China	150	140.17
Mooring bitt, main deck, port	Ningbo Spin Machinery Co., Ltd., Ningbo, China	A355	140.30.36
Mooring bitt, main deck, stbd	Ningbo Spin Machinery Co., Ltd., Ningbo, China	A355	140.30.35
Mooring bitt, forecandle, port	Ningbo Spin Machinery Co., Ltd., Ningbo, China	A355	140.30.34
Mooring bitt, forecandle, stbd	Ningbo Spin Machinery Co., Ltd., Ningbo, China	A355	140.30.37
Mooring bitt, deck 2, port	Ningbo Spin Machinery Co., Ltd., Ningbo, China	A355	140.30.39
Mooring bitt, deck 2, stbd	Ningbo Spin Machinery Co., Ltd., Ningbo, China	A355	140.30.38
Bow mooring bitt	Ningbo Spin Machinery Co., Ltd., Ningbo, China	A400	140.30.40
Stern mooring bitt, port	Ningbo Spin Machinery Co., Ltd., Ningbo, China	A400	140.30.41
Stern mooring bitt, stbd	Ningbo Spin Machinery Co., Ltd., Ningbo, China	A400	140.30.42
Stern roller grease pump		DDb63	140606A
Rudderstocks grease pump		P203-8XLBO	644-40615-3
Main gear oil cooler, port		20026251 GCM	
Main gear oil cooler, stbd		20026251 GCM	2013303028
Jacket water pre-heater unit, port		CMM31804-X01	29613
Jacket water pre-heater unit, stbd		CMM31804-X01	29607
HPU plate cooler		Q030	521376
Instrument air dryer		HPR35	
Engine room fan, port		MPV 1250 A1K	
Engine room fan, stbd		MPV 1250 A1K	
Drilling machine		LZ-25	1409025
Grinding machine		M-250	1409026
Breathing air compressor 1		LW100E	
Breathing air compressor 2		LW100E	
Cement compressor, port		SSR ML 75	UCV1002445
Cement compressor, stbd		SSR ML 75	UCV1002448

motor	WEG	AL132S-02	
EMCY Fire pump	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	LN-EP-40-180	
motor	WEG	180M-02	
Fire/bilge pump	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	LN-VP-40-200	
motor	WEG	180M-02	
Bilge pump	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	LN-VP-40-125	
motor	WEG	AL132S-02	
Fuel oil feeder pump 1	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	BT-HM25D4	
motor	WEG	AL80-02	
Fuel oil feeder pump 2	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	BT-HM25D4	
motor	WEG	AL80-02	
Fuel oil booster pump 1	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	BT-HM32D4	
motor	WEG	AL100L-02	
Fuel oil booster pump 2	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	BT-HM32D4	
motor	WEG	AL100L-02	
Fuel oil transfer pump 1	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	BT-IL45D4-F	
motor	WEG	AL112M-02	
Fuel oil transfer pump 2	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	BT-IL45D4-F	
motor	WEG	AL112M-02	
Lub oil transfer pump	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	BT-HM32D4	
motor	WEG	AL90S/L-02	
Dirty oil pump	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	KB20S30	
motor	WEG	AL90S/L-04	
Sewage transfer pump	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	CA-40-1	
motor	WEG	AL90S/L-02	
Potable fresh water pump 1	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	CP-40-180	
motor	WEG	AL100L-02	
Potable fresh water pump 2	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	CP-40-180	
motor	WEG	AL100L-02	
Hot water circulation pump 1	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	CP-25-130	
motor	WEG	AL80-02	
Hot water circulation pump 2	BOMBAS AZCUE S.A., ARRONA(Gulpuzcoa), Spain	CP-25-130	
motor	WEG	AL80-02	
Bilge eductor	Taizhou Hualong Pump Industry Co., Ltd	CP30-0.3T	
UV sterilizer	JOWA AB, Goteborg, Sweden	UV4	
Water mist pump	Grundfos A/S, Bjerringbro, Denmark	CR3-12 E-FGJA-E-HQOE	1
motor	Grundfos A/S; made in Hungary	MG90LC2 - 24FT115 - H3	
Starting air compressor 1	J.P.SAUER & SOHN MASCHINENBAU GmbH, Kiel, Germany	WP 45L	
motor	Rotor n1®	5RN180M08	
Starting air compressor 2	J.P.SAUER & SOHN MASCHINENBAU GmbH, Kiel, Germany	WP 45L	
motor	Rotor n1®	5RN180M08	
Hydraulic remote valve control unit	Beel Marine Systems GmbH & Co., KG, Bremen, Germany		
Fresh water cargo flowmeter	Golden Promise Equipment Inc.	PP-150-R2-P5001-1502DP14P	
Main engine#1 fuel oil flow meter	Golden Promise Equipment Inc.	FF-15-G3-F2001-15JN11CSNXD1FG3	140051S
Main engine#2 fuel oil flow meter	Golden Promise Equipment Inc.	FF-15-G3-F2001-15JN11CSNXD1FG3	140052S
Fuel oil cargo flowmeter	Golden Promise Equipment Inc.	FH-150-F3-F2001-150JN11CSNXM1FG3	140548S
Miscellaneous FW temp control valve, port	Nanjing TP Thermal Engineering Co., Ltd., Nanjing, China	DZF100	
Miscellaneous FW temp control valve, stbd	Nanjing TP Thermal Engineering Co., Ltd., Nanjing, China	DZF100	
Air receiver for quick-closing valves	Nantong Wanzhou Ship Machinery Co., Ltd, Nantong, China	RHJ-ECVT-a-9	
CO2 monitor, port	FFS Sweden AB, Amal, Sweden	FFS 1200/300LB	
CO2 monitor, stbd	FFS Sweden AB, Amal, Sweden	FFS 1200/300LB	
CO2 alarm box, port	FFS Sweden AB, Amal, Sweden	SFP 250x350XP	
CO2 alarm box, stbd	FFS Sweden AB, Amal, Sweden	SFP 250x350XP	
CO2 pump, port	Sulzer Pumps Sweden AB, Vadstena, Sweden	SFP 250x350HD CCW	
CO2 pump, stbd	Sulzer Pumps Sweden AB, Vadstena, Sweden	SFP 250x350HD CW	
Fresh water cargo pump	Altweiler A.S., Hvalstad, Norway	NAM 080-200/02/197	
Water pump	Hoyer motors Co.	HMC2 225M-2	
Water pump	Altweiler A.S., Hvalstad, Norway	NAM 080-200/02/197	
Water pump	Hoyer motors Co.	HMC2 225M-2	

Fuel oil cargo pump 1	Altweiler A.S., Hvalstad, Norway	NAM 80-200/03/U34SW134	
motor	Hoyer motors Co.	HMC2 225M-2	
Fuel oil cargo pump 2	Altweiler A.S., Hvalstad, Norway	NAM 80-200/03/U34SW134	
motor	Hoyer motors Co.	HMC2 225M-2	
Liquid mud discharge pump 1	Altweiler A.S., Hvalstad, Norway	AEB 2 N 1450	
motor	ABB	M3AA 225SMB 4	
Liquid mud discharge pump 2	Altweiler A.S., Hvalstad, Norway	AEB 2 N 1450	
motor	ABB	M3AA 225SMB 4	
Liquid mud agitator 1P	Sulzer Pump Solutions, Germany	RW 5531 A120/12 CR-MUD N	
Liquid mud agitator 1SB	Sulzer Pump Solutions, Germany	RW 5531 A120/12 CR-MUD N	
Liquid mud agitator 2P	Sulzer Pump Solutions, Germany	RW 5531 A120/12 CR-MUD N	
Liquid mud agitator 2SB	Sulzer Pump Solutions, Germany	RW 5531 A120/12 CR-MUD N	
Tank washing machine, chain locker 1P	Alfa Laval	T-82 tank	2013 - 21619
Tank washing machine, chain locker 1S	Alfa Laval	T-82 tank	2013 - 21620
Tank washing machine, mud tank 1P	Alfa Laval	T-82 tank	2013 - 21621
Tank washing machine, mud tank 1S	Alfa Laval	T-82 tank	2013 - 21622
Tank washing machine, mud tank 2P	Alfa Laval	T-82 tank	2013 - 21623
Tank washing machine, mud tank 2S	Alfa Laval	T-82 tank	2013 - 21624
Tank stripping/washing pump	Altweiler A.S., Hvalstad, Norway	AEB 1 E 0380	
motor	NORD drivesystems	SK 160M/4	
Starting air receiver 2	Nantong Fengshun Shipping Machinery Co., Ltd., Nantong, China	FSKOP-1.0/3.0-00	
Starting air receiver 1	Nantong Fengshun Shipping Machinery Co., Ltd., Nantong, China	FSKOP-1.0/3.0-00	
Working air receiver	Nantong Fengshun Shipping Machinery Co., Ltd., Nantong, China	FSKOP-0.76-00	
Fresh water hydrophore tank	Nantong Fengshun Shipping Machinery Co., Ltd., Nantong, China	FSDSG-0.65-00	
Fresh water heater	Nantong Fengshun Shipping Machinery Co., Ltd., Nantong, China	FSRSG-0.35-00	
Main engine plate cooler 1	LHE Co., Ltd., Gimhae, Korea	HT151HM-1P-97	
Main engine plate cooler 2	LHE Co., Ltd., Gimhae, Korea	HT151HM-1P-97	
Miscellaneous equipment plate cooler 2	LHE Co., Ltd., Gimhae, Korea	HT064M-1P-61	
Miscellaneous equipment plate cooler 1	LHE Co., Ltd., Gimhae, Korea	HT064M-1P-61	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Emergency switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Emergency switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Emergency switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Emergency switchboard	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Main Control Cabinet	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Main Control Cabinet	ABB Xiamen low voltage equipment Co., Ltd., Xiamen, China	MNS *	
Port navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal Sbb 70M	
Starboard navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal SSb 70M	
Red starboard navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal HW 70M	
Red starboard navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal H 70M	
Starboard navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal 70M	
Starboard navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal 70M	

Masthead navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal T 70M	
Masthead navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal T 70M	
Signal White navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal SW 70M	
Signal White navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal SW 70M	
Signal White navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal SW 70M	
Stern Yellow navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal HG 70M	
Signal White navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal SW 70M	
Signal White navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal SW 70M	
Signal Red navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal SR 70	
Signal Red navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal SR 70	
Signal Red navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal SR 70	
Signal Red navlight	AQUA SIGNAL, Bremen, Germany	Agua Signal SR 70	
Manoeuvre navlight	Zoltnar Signal Sygnal System Technologies GmbH, Kiel, Germany	Amo 760 / TS1a	
Whistle	Zoltnar Signal GmbH, Kiel, Germany	Malroton M75F/280	
POSCON joystick-remote control system	Rolls-Royce Marine AS - dept. Automation - Longva, Alesund, Norway	POSCON - Joystick Control System	111257
Dynamic position system class 2	Rolls-Royce Marine AS - dept. Automation - Longva, Alesund, Norway	ROLLS-ROYCE ICON - DP2 System	111258
Thrusters remote control system HELICON X3	Rolls-Royce Marine AS - dept. Automation - Longva, Alesund, Norway	HELICON X3 - Thrusters Remote Control System	139000591
PMS & ACON	Rolls-Royce Marine AS - dept. Automation - Longva, Alesund, Norway	ROLLS-ROYCE ACON & PMS	139000276
A/E silencer	Shanghai K4 Innovation Co., Ltd., Shanghai, China	1035-1501-AA	S140239-S140250
Dry bulk tank 1	Wuhu Diving Equipment Factory of Shanghai Rescue&Salvage Bureau, Shanghai, China		
Dry bulk tank 2	Wuhu Diving Equipment Factory of Shanghai Rescue&Salvage Bureau, Shanghai, China		
Dry bulk tank 3	Wuhu Diving Equipment Factory of Shanghai Rescue&Salvage Bureau, Shanghai, China		
Dry bulk tank 4	Wuhu Diving Equipment Factory of Shanghai Rescue&Salvage Bureau, Shanghai, China		
Air receiver for dampers	Jingjiang Hai Long Marine Equipment Manufacture Co., Ltd., Jingjiang, China P SAUER & SOHN MASCHINENBAU GmbH, Kiel, Germany	AO.1-9	JB12861
Windlass	Rolls-Royce Marine Poland Sp.z o.o., Gniez, Poland	MEGX41AAS21F48F92BF224	RRM000213202
Windlass hydraulic motor	Rolls-Royce Marine AS, dep.: Deck Machinery - Brattvaag, Brattvaag, Norway	GX41SAA	
Rope reel hydraulic motor	Rolls-Royce Marine AS, dep.: Deck Machinery - Brattvaag, Brattvaag, Norway	MX063009BR	
Tugger winch hydraulic motor, port	Rolls-Royce Marine AS, dep.: Deck Machinery - Brattvaag, Brattvaag, Norway	MX2202SAL	
Tugger winch hydraulic motor, stbd	Rolls-Royce Marine AS, dep.: Deck Machinery - Brattvaag, Brattvaag, Norway	MX2202SAR	
Capstan hydraulic motor, port	Rolls-Royce Marine AS, dep.: Deck Machinery - Brattvaag, Brattvaag, Norway	CX22SBL	
Capstan hydraulic motor, stbd	Rolls-Royce Marine AS, dep.: Deck Machinery - Brattvaag, Brattvaag, Norway	CX22SBR	
Provision crane	Ningbo Kairong Ship Machinery Co., Ltd., Ningbo, China		1403311B
No.1 battery charger	Changshu Ruite Electric Co., Ltd., Changshu, China	CDP-M2BD	1412263
No.2 battery charger	Changshu Ruite Electric Co., Ltd., Changshu, China	CDP-M2BD	1412264
No.3 battery charger	Changshu Ruite Electric Co., Ltd., Changshu, China	CDP-M2BD	1412265
No.4 battery charger	Changshu Ruite Electric Co., Ltd., Changshu, China	CDP-M2BD	1412266
E/G main start battery charger	Changshu Ruite Electric Co., Ltd., Changshu, China	CDP-M2BD	1412267
E/G main start battery charger	Changshu Ruite Electric Co., Ltd., Changshu, China	CDP-M2BD	1412268
Anti-fouling system (M.G.P.S.)	K.C.Ltd.	KCAF2100RE	KM 52288/A
Ex-proof incandescent lamp	Haibing Maritime Electric Group, Wenzhou, China	CFD3-I	052014060167
Ex-proof incandescent lamp	Haibing Maritime Electric Group, Wenzhou, China	CFD3-I	052014060167
Ex-proof incandescent lamp	Haibing Maritime Electric Group, Wenzhou, China	CFD3-I	052014060167
Watertight sliding door, BTR	IMS Group AS, Aklund, Norway	N280	34506
Watertight sliding door, shaft tunnel	IMS Group AS, Aklund, Norway	N280	34507
Watertight sliding door, STR	IMS Group AS, Aklund, Norway	N280	34505
2T manual trolley, port	Safety Sea Marine Equipment Co., Ltd., Jiangyin, China	AHSB2-4	1403008
2T manual trolley, stbd	Safety Sea Marine Equipment Co., Ltd., Jiangyin, China	AHSB2-4	1403007
Anchor, port	Jiangsu Yangyuan Marine Equipment Casting Co., Ltd., Jiangyan, China	95 Spec Anchor	140942
Anchor, stbd	Jiangsu Yangyuan Marine Equipment Casting Co., Ltd., Jiangyan, China	95 Spec Anchor	140943
Pilot ladder 1	Jiangyan City Marine Outfitting Co., Ltd., Jiangyan, China	CB/T3142-94	201501
Pilot ladder 2	Jiangyan City Marine Outfitting Co., Ltd., Jiangyan, China	CB/T3142-94	201502
Gangway	Jiangyan City Marine Outfitting Co., Ltd., Jiangsu, China		151503
Marine watertight door, bridge, P	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1850x750	A001
Marine watertight door, bridge, S	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1850x750	A002
Marine watertight door, HVAC	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1850x750	A003
Marine watertight door, E/G	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1850x700	A004
Marine watertight door, CO2	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1850x700	A005
Marine watertight door, FCC	Wuxi Hailian Accomodation Co., Ltd., Xishan(Jiangsu province), China	1850x700	A006

Name	Manufacturer	Type	Serial No.
Steering gear, port	Rolls-Royce Marine AS, Deck Machinery & Steering Gear-Braatvaag, Alesund, Norway	SV650-3FCP-360	
Steering gear, stbd	Rolls-Royce Marine AS, Deck Machinery & Steering Gear-Braatvaag, Alesund, Norway	SV650-3FCP-360	
Steering gear pump electric motor №1	ABB	M3AA 180MLB 4 (MGAA162032-HDG)	
Steering gear pump electric motor №2	ABB	M3AA 180MLB 4 (MGAA162032-HDG)	
Steering gear pump electric motor №3	ABB	M3AA 180MLB 4 (MGAA162032-HDG)	
Steering gear pump electric motor №4	ABB	M3AA 180MLB 4 (MGAA162032-HDG)	
Chain stopper, port	NANTONG HONGBO MACHINERY FACTORY, Tongzhou, China	NP-3	RRSCS14001
Chain stopper, stbd	NANTONG HONGBO MACHINERY FACTORY, Tongzhou, China	NP-3	RRSCS14005
Rudder blade, port	NANTONG HONGBO MACHINERY FACTORY, Tongzhou, China	(FB)2330	RRSRB14005
Rudder blade, stbd	NANTONG HONGBO MACHINERY FACTORY, Tongzhou, China	(FB)2330	RRSRB14006
Rudder flap, port	NANTONG HONGBO MACHINERY FACTORY, Tongzhou, China	HLR2330*4110	RRSRF14009
Rudder flap, stbd	NANTONG HONGBO MACHINERY FACTORY, Tongzhou, China	HLR2330*4110	RRSRF14010
Rudder trunk, port	NANTONG HONGBO MACHINERY FACTORY, Tongzhou, China	RRM000218111	RRSRT14001
Rudder trunk, stbd	NANTONG HONGBO MACHINERY FACTORY, Tongzhou, China	RRM000218111	RRSRT14002
Rudder stock, port	T-Marine (Nantong) Mechanical Manufacturing Co., Ltd., Nantong, China	RRM000219188	118-64002-1
Rudder stock, stbd	T-Marine (Nantong) Mechanical Manufacturing Co., Ltd., Nantong, China	RRM000219188	118-64002-2
Tugger winches hydraulic pump	Ing. Per Gerdum AB, Lunds, Sweden	PV-CGV 275/PTM-225 9MB-2	140087
Tugger winches hydraulic pump el.motor	ABB	M3AA 225SMB 2	
Windlass/rope reel hydraulic pump	Ing. Per Gerdum AB, Lunds, Sweden	PV-CGV 275/PTM-225 9MB-2	140088
Windlass/rope reel hydraulic pump el.motor	ABB	M3AA 225SMB 2	
Main engine, port	Bergen Engines AS, Bergen, Norway	B32-40-L9P-CD	
Main engine, stbd	Bergen Engines AS, Bergen, Norway	B32-40-L9P-CD	
Main flexible coupling, port	CENTA ANTRIEBE Kirschev GmbH, Haan, Germany	CX-82-LFS2-200-50-62633(CW)	
Main flexible coupling, stbd	CENTA ANTRIEBE Kirschev GmbH, Haan, Germany	CX-82-LFS2-200-50-62633(CCW)	
Aux.flexible coupling, port	CENTA ANTRIEBE Kirschev GmbH, Haan, Germany	CX-70-50-62639	
Aux.flexible coupling, stbd	CENTA ANTRIEBE Kirschev GmbH, Haan, Germany	CX-70-50-62640	
Shaft generator flexible coupling, port	VULKAN Kupplungs- und Getriebebau B.Hackforth GmbH & Co. KG, Heme, Germany	VULKARDAN E 5714	
Shaft generator flexible coupling, stbd	VULKAN Kupplungs- und Getriebebau B.Hackforth GmbH & Co. KG, Heme, Germany	VULKARDAN E 5714	
Diesel oil heat exchanger, port	SPX Flow Technology Danmark, Kolding, Denmark	TR1 MV-14	
Diesel oil heat exchanger, stbd	SPX Flow Technology Danmark, Kolding, Denmark	TR1 MV-14	
Oil cooler, port	Alfa Laval Lund AB, Lund, Sweden	M10-BFM	
Oil cooler, stbd	Alfa Laval Lund AB, Lund, Sweden	M10-BFM	
Turbocharger, port	ABB Turbo Systems Ltd	TPL67-C33	
Turbocharger, stbd	ABB Turbo Systems Ltd	TPL67-C33	
Main gear box, port	Rolls-Royce Marine AS- dep. Propulsion - Ulsteinvik, Ulsteinvik, Norway	850 AGHC 13S00053912	
Main gear box, stbd	Rolls-Royce Marine AS- dep. Propulsion - Ulsteinvik, Ulsteinvik, Norway	850 AGHC 13S00053912	
Shaft generator, port	MARELLI MOTORI Sp.A.- ARZIGNANO (VI), Italy	MJBM 500 SC4 B3	
Shaft generator, stbd	MARELLI MOTORI Sp.A.- ARZIGNANO (VI), Italy	MJBM 500 SC4 B3	
Propeller hub body, port	Rolls-Royce AB, Kristinehamn, Sweden	RRM200041938	
Propeller hub body, stbd	Rolls-Royce AB, Kristinehamn, Sweden	RRM200041939	
SKF shaft coupling, port	SKF Coupling Systems AB, Hofors, Sweden	OKCAX 300	
SKF shaft coupling, stbd	SKF Coupling Systems AB, Hofors, Sweden	OKCAX 300	
Propeller shaft, port	Scana Machining AB, Kristinehamn, Sweden	NPO11/1008	
Propeller shaft, stbd	Scana Machining AB, Kristinehamn, Sweden	NPO11/1008	
Propeller blades - 8 pcs	FUNDIVISA SA, Vilagarcia de Arousa, Spain	RRS00123, RRS00124	
Intermediate shaft, port	Scana Machining AB, Kristinehamn, Sweden	NPO 13/0968	
Intermediate shaft, stbd	Scana Machining AB, Kristinehamn, Sweden	NPO 13/0968	
Stern tube aft bearing, port	Svenska Bearing, S/L	RRM200039833A/101-0410B	
Stern tube aft bearing, stbd	Svenska Bearing, S/L	RRM200039833A/101-0410B	
Stern tube fwd bearing, port	Svenska Bearing, S/L	RRM200039833A/101-0410B	
Stern tube fwd bearing, stbd	Svenska Bearing, S/L	RRM200039833A/101-0410B	
Intermediate port shaft bearing №1	Wartsila Seals & Bearings Product Company, Spain	CEDN290/300	
Intermediate port shaft bearing №2	Wartsila Seals & Bearings Product Company, Spain	CEDN290/300	
Intermediate port shaft bearing №3	Wartsila Seals & Bearings Product Company, Spain	CEDN290/300	
Intermediate port shaft bearing №4	Wartsila Seals & Bearings Product Company, Spain	CEDN290/300	
Intermediate stbd shaft bearing №1	Wartsila Seals & Bearings Product Company, Spain	CEDN290/300	
Intermediate stbd shaft bearing №2	Wartsila Seals & Bearings Product Company, Spain	CEDN290/300	

Vessel Name
Company
Unit Name
Unit ID
Description
Make
Model

SPEC NICHOLE
ABC MARITIME
STERN TUBE PS
LM03223781
STERN TUBE

Oil Type
Sample No
Analysis No
Reported
Affiliate
Lab

OMALA S2 G 100
11725310
8857086
29-APR-25
LUBMARINE-IT-INT
Singapore

Symptoms	Lubricant condition is Normal.
Comments	Retain this report for Insurance or Classification Society inspection. Guidance limits (ppm) for metals / contaminants reflect IACS recommendation (10:Cr/Pb/Ni/Sn 30:Fe 40:Si 50:Cu 70:Mg 80:Na). Note that Na, Si, Mg are sometimes present as additive in an engine oil. Guidance limits (Abs/cm) for the oxidation of mineral oil only: 30. Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate s

DATA

	NORMAL	NORMAL	NORMAL	NORMAL
Sample No	10009116	10030913	11725305	11725310
Date Sampled	22/09/2024	22/01/2025	02/04/2025	15/04/2025
Date Received	11/10/2024	06/02/2025	05/04/2025	22/04/2025
Port Landed		BATAM	INDONESIA	
Oil on Label	OMALA S2 G	OMALA S2 G	OMALA S2 G	OMALA S2 G
Purifier/Filter	100	100	100	100
Equipment Life	N.A.	N.A.	N.A.	N.A.
Oil Life	22000	25082		
Top up Volume			100 Litres	950 Litres

ANALYSIS

Visco @40°C	mm2/s	96.17	96.95	97.23	93.08
Water Content	%mass	0.00	0.00	0.79	0.00
PQ-Index		6	9	2	8
Oxidation by FTIR	abs/cm	0.0	0.0	22.6	21.8

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron	(Fe)	12	9	17	5
Chromium	(Cr)	0	0	0	0
Molybdenum	(Mo)	0	0	0	0
Copper	(Cu)	0	0	9	0
Lead	(Pb)	1	0	0	0
Silver	(Ag)	0	0	0	0
Tin	(Sn)	0	0	0	0
Aluminium	(Al)	0	0	0	0

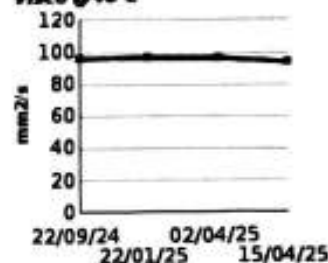
CONTAMINANTS

Nickel	(Ni)	0	0	0	0
Vanadium	(V)	0	0	0	0
Silicon	(Si-T)	0	0	0	0
Boron	(B)	0	8	11	0
Sodium	(Na)	0	22	40	8
Magnesium	(Mg)	0	4	0	0

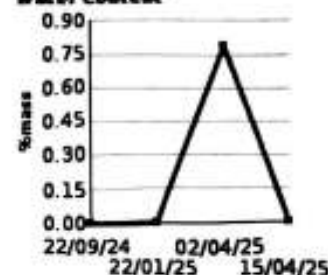
OTHER METALS

Phosphorus	(P)	288	288	288	297
Zinc	(Zn)	29	5	54	7
Barium	(Ba)	0	0	0	0
Calcium	(Ca)	6	16	48	94

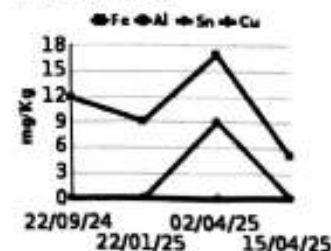
Visco @40°C



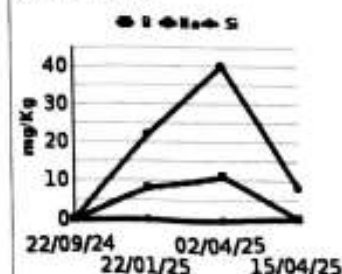
Water Content



Wear Elements



Contaminants



Values with * Red and Bold = URGENT / blue and italic = CAUTION

The validity of symptoms and comments is depending on the representativity of the sample. Comments are advisory only.

Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name STEERING GEAR STB
Unit ID LM03223722
Description HYDRAULIC
Make
Model

Oil Type TELLUS S2 V 32
Sample No 10030909
Analysis No 8767053
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

		NORMAL	NORMAL	NORMAL
Sample No	-	10039617	10009113	10030909
Date Sampled	-	26/01/2024	22/09/2024	22/01/2025
Date Received	-	21/02/2024	11/10/2024	06/02/2025
Port Landed	-	ZAUSUAN		BATAM
Oil on Label	-	TELLUS S2 V 32	TELLUS S2 V 32	TELLUS S2 V 32
Purifier/Filter	-	N.A.	N.A.	N.A.
Equipment Life	Hrs	6893		
Oil Life	Hrs			
Top up Volume	-			

ANALYSIS

Visco @40°C	mm2/s	-	32.05	33.27	33.83
Visco @100°C	mm2/s	-	6.61	6.02	5.91
Viscosity Index	-	-	168	128	120
Acid Number	mg KOH/g	-	0.36	0.95	0.36
Water Content	%mass	-	0.00	0.00	0.00
PQ-Index	-	-	7	7	14

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron (Fe)	-	2	1	0
Chromium (Cr)	-	0	0	0
Molybdenum (Mo)	-	0	0	0
Copper (Cu)	-	18	18	19
Lead (Pb)	-	4	0	0
Silver (Ag)	-	0	0	0
Tin (Sn)	-	0	0	0
Aluminium (Al)	-	2	0	0

CONTAMINANTS

Nickel (Ni)	-	0	0	0
Vanadium (V)	-	0	0	0
Silicon (Si-T)	-	5	0	0
Boron (B)	-	0	0	0
Sodium (Na)	-	7	0	3
Magnesium (Mg)	-	5	0	5

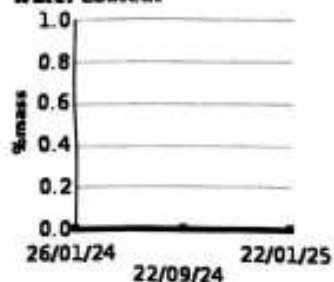
OTHER METALS

Phosphorus (P)	-	254	280	294
Zinc (Zn)	-	276	294	308
Barium (Ba)	-	0	0	0
Calcium (Ca)	-	36	44	48

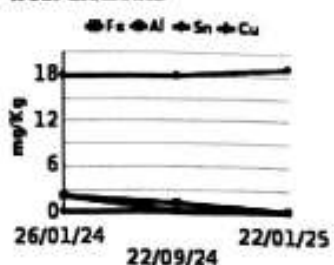
Visco @ 40°C



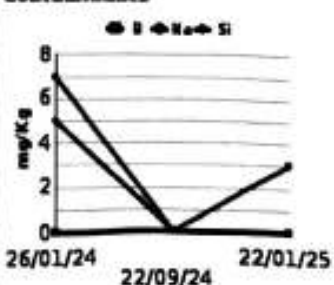
Water Content



Wear Elements



Contaminants



Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name TOWING WINCH, ANCHORE HANDLING
Unit ID LM03223729
Description HYDRAULIC
Make
Model

Oil Type TELLUS S2 V 100
Sample No 10030911
Analysis No 8767058
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Low viscosity.
Comments	Possible mixture with another grade . Please confirm oil type/grade on the label. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

			URGENT	URGENT
Sample No	-	-	10009114	10030911
Date Sampled	-	-	23/09/2024	22/01/2025
Date Received	-	-	11/10/2024	08/02/2025
Port Landed	-	-		BATAM
Oil on Label	-	-	TELLUS S2 V 100	TELLUS S2 V 100
Purifier/Filter	-	-	N.A.	N.A.
Equipment Life	Hrs	-	1238	1256
Oil Life	Hrs	-		
Top up Volume	-	-		

ANALYSIS

Visco @40°C	mm2/s	-	76.22*	78.47*
Visco @100°C	mm2/s	-	11.52	11.51
Viscosity Index		-	144	139
Acid Number	mg KOH/g	-	0.42	0.35
Water Content	%mass	-	0.00	0.00
PQ-index		-	6	7

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron	(Fe)	-	8	9
Chromium	(Cr)	-	0	0
Molybdenum	(Mo)	-	0	0
Copper	(Cu)	-	2	0
Lead	(Pb)	-	0	0
Silver	(Ag)	-	0	0
Tin	(Sn)	-	0	0
Aluminium	(Al)	-	0	0

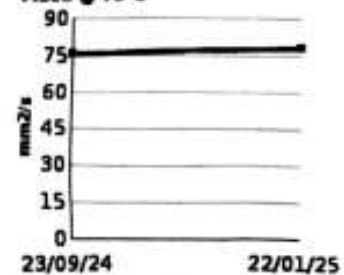
CONTAMINANTS

Nickel	(Ni)	-	0	0
Vanadium	(V)	-	0	0
Silicon	(Si-T)	-	7	0
Boron	(B)	-	0	0
Sodium	(Na)	-	2	4
Magnesium	(Mg)	-	14	16

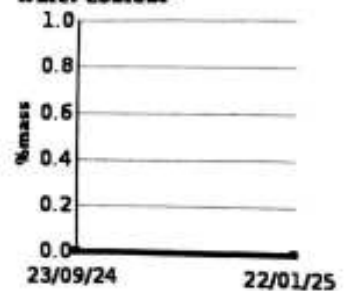
OTHER METALS

Phosphorus	(P)	-	255	249
Zinc	(Zn)	-	282	274
Barium	(Ba)	-	0	0
Calcium	(Ca)	-	28	27

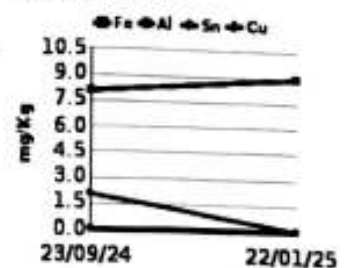
Visco @ 40°C



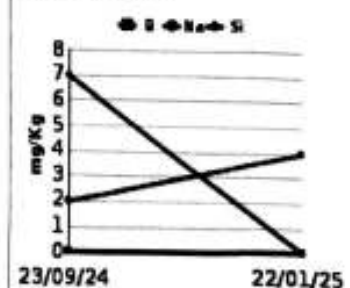
Water Content



Wear Elements



Contaminants



Values with *: Red and Bold = URGENT / blue and Italic = CAUTION

The validity of symptoms and comments is depending on the representativity of the sample. Comments are advisory only.

Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name SHARK JAW
Unit ID LM03223734
Description HYDRAULIC
Make
Model

Oil Type TELLUS S2 V 32
Sample No 10030910
Analysis No 8767059
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

			NORMAL	NORMAL
Sample No	-	-	10039407	10030910
Date Sampled	-	-	05/03/2024	22/01/2025
Date Received	-	-	05/03/2024	06/02/2025
Port Landed	-	-		BATAM
Oil on Label	-	-	TELLUS S2 V 32	TELLUS S2 V 32
Purifier/Filter	-	-	N.A.	N.A.
Equipment Life	Hrs	-		95
Oil Life	Hrs	-		
Top up Volume	-	-		

ANALYSIS

Visco @40°C	mm2/s	-	32.48	36.13
Visco @100°C	mm2/s	-	6.48	7.03
Viscosity Index	-	-	156	142
Acid Number	mg KOH/g	-	0.44	0.47
Water Content	%mass	-	0.00	0.00
PQ-index	-	-	7	22

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron	(Fe)	-	5	4
Chromium	(Cr)	-	1	0
Molybdenum	(Mo)	-	2	0
Copper	(Cu)	-	7	0
Lead	(Pb)	-	0	0
Silver	(Ag)	-	0	0
Tin	(Sn)	-	4	0
Aluminium	(Al)	-	4	0

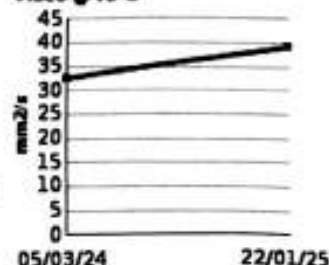
CONTAMINANTS

Nickel	(Ni)	-	2	0
Vanadium	(V)	-	0	0
Silicon	(Si-T)	-	6	0
Boron	(B)	-	2	0
Sodium	(Na)	-	14	5
Magnesium	(Mg)	-	11	12

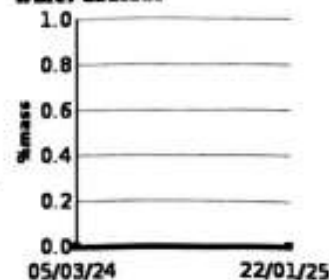
OTHER METALS

Phosphorus	(P)	-	284	312
Zinc	(Zn)	-	291	303
Barium	(Ba)	-	1	0
Calcium	(Ca)	-	24	35

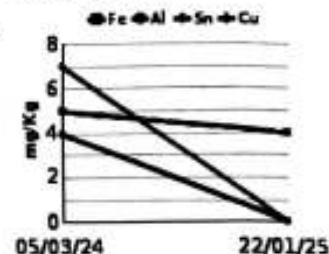
Visco @40°C



Water Content



Wear Elements



Contaminants



Values with *; Red and Bold = URGENT / blue and italic = CAUTION

The validity of symptoms and comments is depending on the representativity of the sample. Comments are advisory only.

Vessel Name
Company
Unit Name
Unit ID
Description
Make
Model

SPEC NICHOLE
ABC MARITIME
STERN TUBE PS
LM03223781
STERN TUBE

Oil Type

OMALA S2 G 100

Sample No
Analysis No
Reported

10030913
8767063
12-FEB-25

Affiliate
Lab

LUBMARINE-JT-INT
Singapore

Symptoms	Lubricant condition is Normal.
Comments	Retain this report for Insurance or Classification Society inspection. Guidance limits (ppm) for metals / contaminants reflect IACS recommendation (10 Cr/Pb/Ni/Sn 30-Fe 40-Si 50-Cu 70-Mg 80-Na). Note that Na, Si, Mg are sometimes present as additive in an engine oil. Guidance limits (Abs/cm) for the oxidation of mineral oil only: 30. Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate s

DATA

	NORMAL	NORMAL	NORMAL	NORMAL
Sample No	10030914	10040005	10009116	10030913
Date Sampled	17/05/2024	23/06/2024	22/08/2024	22/01/2025
Date Received	20/05/2024	27/06/2024	11/10/2024	06/02/2025
Port Landed				BATAM
Oil on Label	OMALA S2 G 100	OMALA S2 G 100	OMALA S2 G 100	OMALA S2 G 100
Purifier/Filter	N.A.	N.A.	N.A.	N.A.
Equipment Life	Hrs		22000	25082
Oil Life	Hrs			
Top up Volume				

ANALYSIS

Visco @40°C	mm2/s	96.21	94.28	96.17	96.95
Water Content	%mass	0.00	0.00	0.00	0.00
PQ-Index		4	2	6	9
Oxidation by FTIR	abs/cm	0.0	0.0	0.0	0.0

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron (Fe)	3	5	12	9
Chromium (Cr)	0	0	0	0
Molybdenum (Mo)	0	0	0	0
Copper (Cu)	0	0	0	0
Lead (Pb)	1	2	1	0
Silver (Ag)	0	0	0	0
Tin (Sn)	0	0	0	0
Aluminium (Al)	0	0	0	0

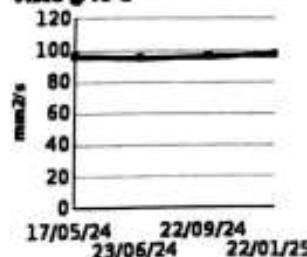
CONTAMINANTS

Nickel (Ni)	0	1	0	0
Vanadium (V)	0	0	0	0
Silicon (Si-T)	0	0	0	0
Boron (B)	10	6	0	8
Sodium (Na)	0	0	0	22
Magnesium (Mg)	0	8	0	4

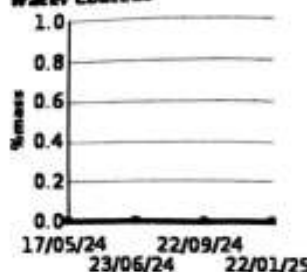
OTHER METALS

Phosphorus (P)	313	290	288	288
Zinc (Zn)	10	13	29	5
Barium (Ba)	0	0	0	0
Calcium (Ca)	45	5	6	16

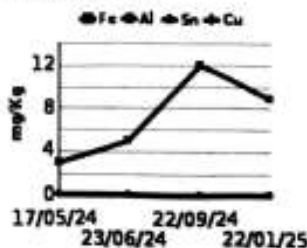
Visco @ 40°C



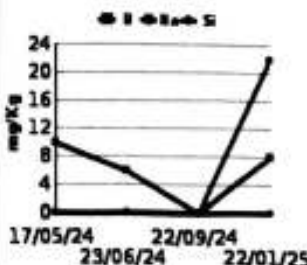
Water Content



Wear Elements



Contaminants



Values with *: Red and Bold = URGENT / blue and italic = CAUTION

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Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name STERN TUBE STB
Unit ID LM03223782
Description STERN TUBE
Make
Model

Oil Type OMALA S2 G 100
Sample No 10030916
Analysis No 8767064
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Lubricant condition is Normal.
Comments	Retain this report for Insurance or Classification Society inspection. Guidance limits (ppm) for metals / contaminants reflect IACS recommendation (10:Cr:Pb:Ni:Sn 30:Fe 40:Si 50:Cu 70:Mg 80:Na). Note that Na, Si, Mg are sometimes present as additive in an engine oil. Guidance limits (Abs/cm) for the oxidation of mineral oil only: 30. Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate s

DATA

	NORMAL	NORMAL	NORMAL	NORMAL
Sample No	10030906	10040006	10009107	10030916
Date Sampled	17/05/2024	23/06/2024	22/09/2024	22/01/2025
Date Received	20/05/2024	27/06/2024	11/10/2024	06/02/2025
Port Landed				BATAM
Oil on Label	OMALA S2 G 100	OMALA S2 G 100	OMALA S2 G 100	OMALA S2 G 100
Purifier/Filter	N.A.	N.A.	N.A.	N.A.
Equipment Life	Hrs		22000	25189
Oil Life	Hrs			
Top up Volume				

ANALYSIS

Visco @40°C	mm2/s	95.73	98.38	98.37	96.29
Water Content	%mass	0.00	0.00	0.00	0.00
PQ-index		4	3	5	14
Oxidation by FTIR	abs/cm	0.0	0.0	0.0	0.0

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron	(Fe)	2	13	15	5
Chromium	(Cr)	0	2	0	0
Molybdenum	(Mo)	0	0	0	0
Copper	(Cu)	0	0	0	0
Lead	(Pb)	0	2	0	0
Silver	(Ag)	0	0	0	0
Tin	(Sn)	0	0	0	0
Aluminium	(Al)	0	0	0	0

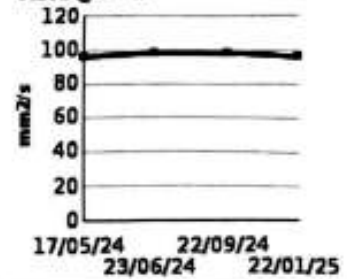
CONTAMINANTS

Nickel	(Ni)	0	1	0	0
Vanadium	(V)	0	0	0	0
Silicon	(Si-T)	0	2	0	0
Boron	(B)	13	1	0	7
Sodium	(Na)	0	0	0	7
Magnesium	(Mg)	0	8	0	4

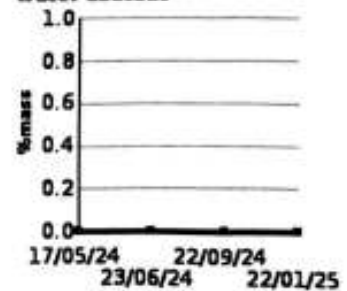
OTHER METALS

Phosphorus	(P)	323	238	188	304
Zinc	(Zn)	9	13	6	10
Barium	(Ba)	0	0	0	0
Calcium	(Ca)	40	3	4	7

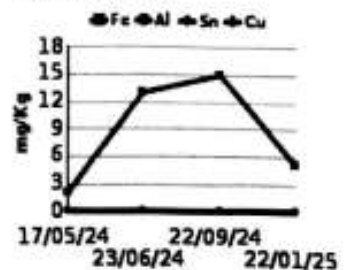
Visco @40°C



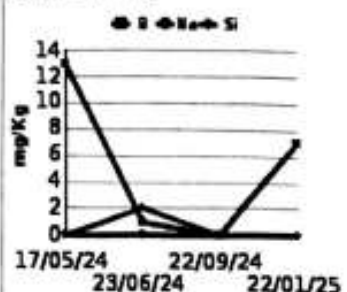
Water Content



Wear Elements



Contaminants



Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name BOW THRUSTER NO2
Unit ID LM03223724
Description HYDRAULIC
Make
Model

Oil Type OMA LA S2 G 68
Sample No 10030917
Analysis No 8767055
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

		NORMAL	NORMAL	NORMAL	NORMAL
Sample No		10039608	10039409	10009104	10030917
Date Sampled		26/01/2024	06/04/2024	22/09/2024	22/01/2025
Date Received		21/02/2024	12/04/2024	11/10/2024	09/02/2025
Port Landed		ZAUSUAN	ZHOUSHAN		BATAM
Oil on Label		OMALA S2 G 68	OMALA S2 G 68	OMALA S2 G 68	OMALA S2 G 68
Purified/Filter		N.A.	N.A.	N.A.	N.A.
Equipment Life	Hrs	9643		10036	10278
Oil Life	Hrs				
Top up Volume					

ANALYSIS

Visco @40°C	mm2/s	89.24	66.33	88.58	81.73
Visco @100°C	mm2/s	11.76	9.76	10.35	9.89
Viscosity Index		124	129	98	99
Acid Number	mg KOH/g	0.63	0.64	0.63	0.53
Water Content	%mass	0.00	0.00	0.00	0.00
PQ-index		9	5	8	8

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron	(Fe)	1	40	0	0
Chromium	(Cr)	0	0	0	0
Molybdenum	(Mo)	0	2	0	0
Copper	(Cu)	0	3	0	0
Lead	(Pb)	5	0	0	0
Silver	(Ag)	0	0	0	0
Tin	(Sn)	0	0	0	0
Aluminium	(Al)	2	3	0	0

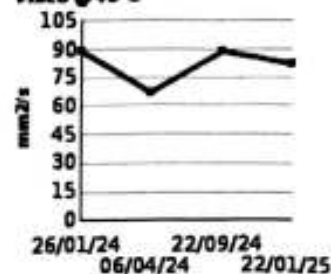
CONTAMINANTS

Nickel	(Ni)	1	0	0	0
Vanadium	(V)	0	0	0	0
Silicon	(Si-T)	5	8	0	0
Boron	(B)	1	0	5	0
Sodium	(Na)	5	3	0	0
Magnesium	(Mg)	1	0	1	0

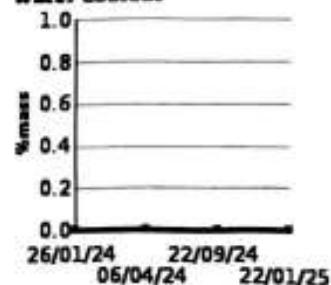
OTHER METALS

Phosphorus	(P)	211	163	279	256
Zinc	(Zn)	5	56	18	7
Barium	(Ba)	0	0	0	0
Calcium	(Ca)	18	0	30	20

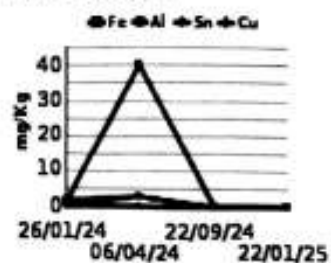
Visco @40°C



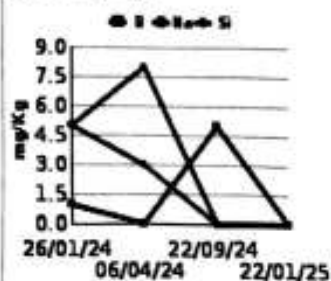
Water Content



Wear Elements



Contaminants



Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name GEAR BOX PS
Unit ID LM03223725
Description TURBINE
Make
Model

Oil Type OMALA S2 G 150
Sample No 10030918
Analysis No 8767056
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

			NORMAL	NORMAL	NORMAL
Sample No	-		10039604	10009111	10030918
Date Sampled	-		26/01/2024	23/09/2024	22/01/2025
Date Received	-		21/02/2024	11/10/2024	06/02/2025
Port Landed	-		ZAUSUAN		BATAM
Oil on Label	-		OMALA S2 G 150	OMALA S2 G 150	OMALA S2 G 150
Purifier/Filter	-		N.A.	N.A.	N.A.
Equipment Life	Hrs	-	1524	22000	25082
Oil Life	Hrs	-		2000	3000
Top up Volume	-				

ANALYSIS

Visco @40°C	mm2/s	-	147.80	143.10	146.20
Visco @100°C	mm2/s	-	14.39	14.73	14.63
Viscosity Index	-	-	95	102	99
Acid Number	mg KOH/g	-	0.29	0.47	0.82
Water Content	%mass	-	0.00	0.00	0.00
PQ-index	-	-	8	4	9

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron	(Fe)	-	0	10	11
Chromium	(Cr)	-	0	0	0
Molybdenum	(Mo)	-	0	0	0
Copper	(Cu)	-	0	2	0
Lead	(Pb)	-	0	0	0
Silver	(Ag)	-	0	0	0
Tin	(Sn)	-	0	0	0
Aluminium	(Al)	-	1	1	0

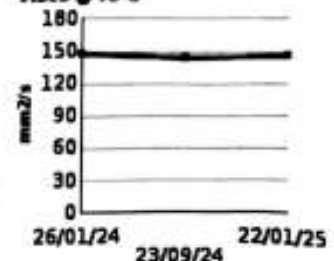
CONTAMINANTS

Nickel	(Ni)	-	1	0	0
Vanadium	(V)	-	0	0	0
Silicon	(Si-T)	-	11	0	0
Boron	(B)	-	0	0	0
Sodium	(Na)	-	3	0	0
Magnesium	(Mg)	-	0	0	0

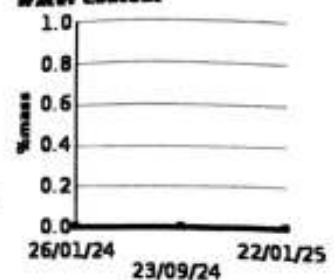
OTHER METALS

Phosphorus	(P)	-	339	275	237
Zinc	(Zn)	-	115	117	57
Barium	(Ba)	-	0	0	0
Calcium	(Ca)	-	69	113	32

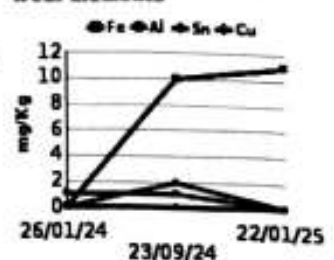
Visco @ 40°C



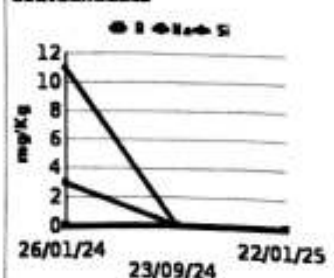
Water Content



Wear Elements



Contaminants



Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name STEERING GEAR PS
Unit ID LM03223721
Description HYDRAULIC
Make
Model

Oil Type TELLUS S2 V 32
Sample No 10040315
Analysis No 8767052
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

Sample No	-	NORMAL	NORMAL	NORMAL
Date Sampled	-	10039609	10009101	10040315
Date Received	-	26/01/2024	22/09/2024	22/01/2025
Port Landed	-	21/02/2024	11/10/2024	06/02/2025
Oil on Label	-	ZAUSUAN		BATAM
Purifier/Filter	-	TELLUS S2 V 32	TELLUS S2 V 32	TELLUS S2 V 32
Equipment Life	Hrs	N.A.	N.A.	N.A.
Oil Life	Hrs	6805		
Top up Volume	-			

ANALYSIS

Visco @40°C	mm2/s	-	31.85	33.39	33.54
Visco @100°C	mm2/s	-	6.43	6.10	6.04
Viscosity Index	-	-	159	132	127
Acid Number	mg KOH/g	-	0.34	0.42	0.40
Water Content	%mass	-	0.00	0.00	0.00
PQ-index	-	-	5	11	9

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron	(Fe)	-	3	3	0
Chromium	(Cr)	-	0	0	0
Molybdenum	(Mo)	-	0	0	0
Copper	(Cu)	-	22	23	24
Lead	(Pb)	-	0	0	0
Silver	(Ag)	-	0	0	0
Tin	(Sn)	-	0	0	0
Aluminium	(Al)	-	2	0	0

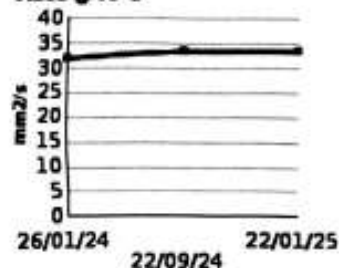
CONTAMINANTS

Nickel	(Ni)	-	1	0	0
Vanadium	(V)	-	0	0	0
Silicon	(Si-T)	-	4	0	0
Boron	(B)	-	0	0	0
Sodium	(Na)	-	7	0	0
Magnesium	(Mg)	-	3	0	4

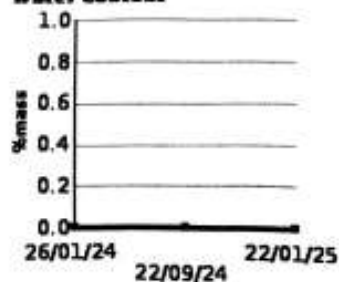
OTHER METALS

Phosphorus	(P)	-	253	278	285
Zinc	(Zn)	-	279	298	295
Barium	(Ba)	-	0	0	0
Calcium	(Ca)	-	32	36	40

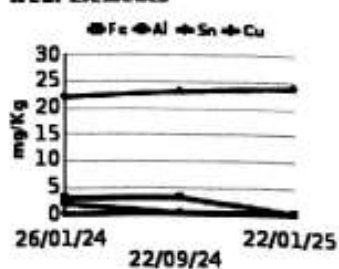
Visco @40°C



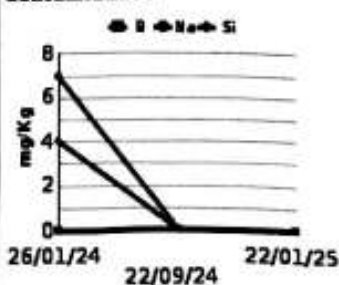
Water Content



Wear Elements



Contaminants



Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name DECK CRANE
Unit ID LM03223738
Description HYDRAULIC
Make
Model

Oil Type TELLUS S2 V 68
Sample No 10030901
Analysis No 8767060
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

					NORMAL
Sample No	-	-	-	-	10030901
Date Sampled	-	-	-	-	22/01/2025
Date Received	-	-	-	-	09/02/2025
Port Landed	-	-	-	-	BATAM
Oil on Label	-	-	-	-	TELLUS S2 V 68
Purifier/Filter	-	-	-	-	N.A.
Equipment Life	Hrs	-	-	-	507
Oil Life	Hrs	-	-	-	507
Top up Volume	-	-	-	-	

ANALYSIS

Visco @40°C	mm2/s	-	-	-	63.15
Visco @100°C	mm2/s	-	-	-	9.61
Viscosity Index		-	-	-	134
Acid Number	mg KOH/g	-	-	-	0.44
Water Content	%mass	-	-	-	0.00
PQ-index		-	-	-	16

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron	(Fe)	-	-	-	3
Chromium	(Cr)	-	-	-	0
Molybdenum	(Mo)	-	-	-	0
Copper	(Cu)	-	-	-	0
Lead	(Pb)	-	-	-	0
Silver	(Ag)	-	-	-	0
Tin	(Sn)	-	-	-	0
Aluminium	(Al)	-	-	-	0

CONTAMINANTS

Nickel	(Ni)	-	-	-	0
Vanadium	(V)	-	-	-	0
Silicon	(Si-T)	-	-	-	0
Boron	(B)	-	-	-	0
Sodium	(Na)	-	-	-	0
Magnesium	(Mg)	-	-	-	7

OTHER METALS

Phosphorus	(P)	-	-	-	275
Zinc	(Zn)	-	-	-	300
Barium	(Ba)	-	-	-	0
Calcium	(Ca)	-	-	-	32

Values with *; Red and Bold = URGENT / blue and Italic = CAUTION

The validity of symptoms and comments is depending on the representativity of the sample. Comments are advisory only.

Vessel Name	SPEC NICHOLE	Oil Type	OMALA S2 G 68
Company	ABC MARITIME	Sample No	10030903
Unit Name	BOW THRUSTER NO1	Analysis No	8767054
Unit ID	LM03223723	Reported	12-FEB-25
Description	HYDRAULIC	Affiliate	LUBMARINE-IT-INT
Make		Lab	Singapore
Model	*****		

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

	NORMAL	NORMAL	NORMAL	NORMAL
Sample No	10039616	10039406	10009105	10030903
Date Sampled	26/01/2024	06/04/2024	22/09/2024	22/01/2025
Date Received	21/02/2024	12/04/2024	11/10/2024	09/02/2025
Port Landed	ZAUSUAN	ZHOUSHAN		BATAM
Oil on Label	OMALA S2 G 68	OMALA S2 G 68	OMALA S2 G 68	OMALA S2 G 68
Purifier/Filter	N.A.	N.A.	N.A.	N.A.
Equipment Life	Hrs			
Oil Life	Hrs			
Top up Volume				

ANALYSIS

Visco @40°C	mm2/s	85.75	66.32	87.90	76.72
Visco @100°C	mm2/s	10.83	9.81	10.25	9.47
Viscosity Index		111	130	97	99
Acid Number	mg KOH/g	0.63	0.73	0.67	0.49
Water Content	%mass	0.00	0.00	0.00	0.00
PQ-index		8	6	7	8

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron (Fe)	0	64	0	0
Chromium (Cr)	0	0	0	0
Molybdenum (Mo)	0	4	0	0
Copper (Cu)	0	4	0	0
Lead (Pb)	0	5	0	0
Silver (Ag)	0	0	0	0
Tin (Sn)	0	0	0	0
Aluminium (Al)	2	3	0	0

CONTAMINANTS

Nickel (Ni)	2	0	0	0
Vanadium (V)	0	0	0	0
Silicon (Si-T)	3	10	0	0
Boron (B)	0	0	5	0
Sodium (Na)	6	2	0	4
Magnesium (Mg)	3	0	2	0

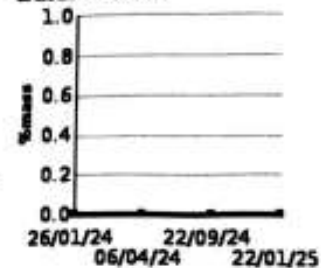
OTHER METALS

Phosphorus (P)	300	171	224	290
Zinc (Zn)	40	71	18	9
Barium (Ba)	0	0	0	0
Calcium (Ca)	92	0	32	13

Visco @40°C



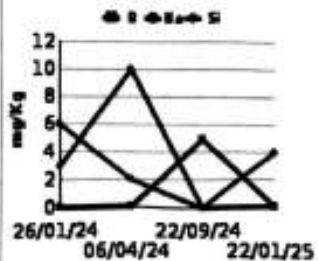
Water Content



Wear Elements



Contaminants



Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name GEAR BOX STB
Unit ID LM03223726
Description TURBINE
Make
Model

Oil Type OMALA S2 G 150
Sample No 10030907
Analysis No 8767057
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

			NORMAL	NORMAL	NORMAL
Sample No	-		10039603	10009115	10030907
Date Sampled	-		26/01/2024	23/09/2024	22/01/2025
Date Received	-		21/02/2024	11/10/2024	06/02/2025
Port Landed	-		ZAUSUAN		BATAM
Oil on Label	-		OMALA S2 G 150	OMALA S2 G 150	OMALA S2 G 150
Purifier/Filter	-		N.A.	N.A.	N.A.
Equipment Life	Hrs	-	1531	22000	25189
Oil Life	Hrs	-		2000	3000
Top up Volume	-				

ANALYSIS

Visco @40°C	mm2/s	-	150.40	136.10	144.40
Visco @100°C	mm2/s	-	15.18	14.24	14.39
Viscosity Index		-	101	102	97
Acid Number	mg KOH/g	-	0.28	0.58	0.81
Water Content	%mass	-	0.00	0.00	0.00
PQ-index		-	5	5	10

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron (Fe)	-	0	9	11
Chromium (Cr)	-	0	0	0
Molybdenum (Mo)	-	0	0	0
Copper (Cu)	-	0	1	0
Lead (Pb)	-	0	0	0
Silver (Ag)	-	0	0	0
Tin (Sn)	-	0	0	0
Aluminium (Al)	-	0	3	3

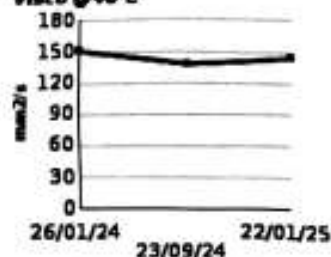
CONTAMINANTS

Nickel (Ni)	-	1	0	0
Vanadium (V)	-	0	0	0
Silicon (Si-T)	-	7	0	0
Boron (B)	-	0	0	0
Sodium (Na)	-	0	0	0
Magnesium (Mg)	-	0	0	0

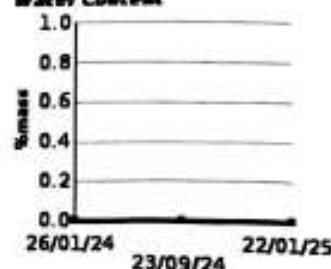
OTHER METALS

Phosphorus (P)	-	325	224	209
Zinc (Zn)	-	114	72	72
Barium (Ba)	-	0	0	0
Calcium (Ca)	-	65	33	28

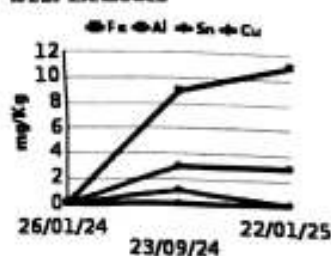
Visco @ 40°C



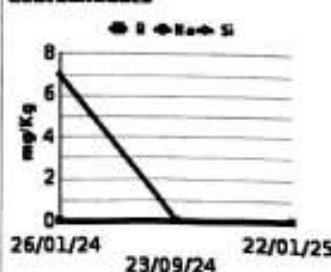
Water Content



Wear Elements



Contaminants



Values with *: Red and Bold = URGENT / blue and italic = CAUTION

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Vessel Name
Company
Unit Name
Unit ID
Description
Make
Model

SPEC NICHOLE
ABC MARITIME
STERN THRUSTER
LM03223720
HYDRAULIC
.....

Oil Type
Sample No
Analysis No
Reported
Affiliate
Lab

OMALA S2 G 68
10030908
8767051
12-FEB-25
LUBMARINE-IT-INT
Singapore

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

		NORMAL	NORMAL	NORMAL	NORMAL
Sample No		10039402	10039416	10009108	10030908
Date Sampled		05/03/2024	06/04/2024	22/09/2024	22/01/2025
Date Received		05/03/2024	12/04/2024	11/10/2024	06/02/2025
Port Landed			ZHOUSHAN		BATAM
Oil on Label		OMALA S2 G 68	OMALA S2 G 68	OMALA S2 G 68	OMALA S2 G 68
Purifier/Filter		N.A.	N.A.	N.A.	N.A.
Equipment Life	Hrs			9371	5687
Oil Life	Hrs				
Top up Volume					

ANALYSIS

Visco @40°C	mm2/s	66.00	66.18	68.77	65.75
Visco @100°C	mm2/s	9.96	9.74	9.25	9.07
Viscosity Index		134	129	111	113
Acid Number	mg KOH/g	0.54	0.62	0.55	0.59
Water Content	%mass	0.00	0.00	0.00	0.00
PQ-Index		6	5	7	23

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron	(Fe)	43	42	42	69
Chromium	(Cr)	0	0	0	0
Molybdenum	(Mo)	0	0	0	0
Copper	(Cu)	3	3	0	6
Lead	(Pb)	0	0	0	0
Silver	(Ag)	0	0	0	0
Tin	(Sn)	4	0	0	0
Aluminium	(Al)	8	2	0	0

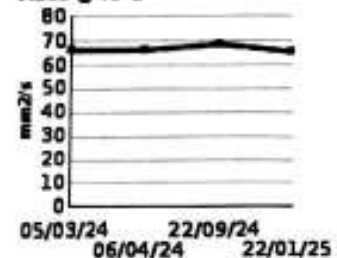
CONTAMINANTS

Nickel	(Ni)	2	0	0	0
Vanadium	(V)	0	0	0	0
Silicon	(Si-T)	7	8	0	0
Boron	(B)	0	1	0	0
Sodium	(Na)	9	5	0	0
Magnesium	(Mg)	0	0	0	0

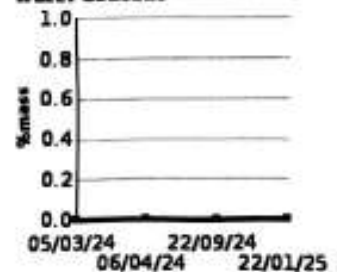
OTHER METALS

Phosphorus	(P)	169	171	210	206
Zinc	(Zn)	64	58	65	78
Barium	(Ba)	0	0	0	0
Calcium	(Ca)	0	0	2	21

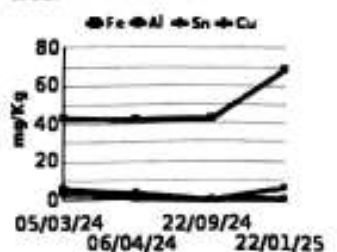
Visco @40°C



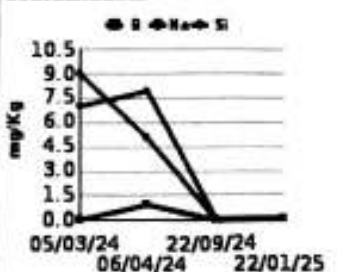
Water Content



Wear Elements



Contaminants



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Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name MAIN ENGINE 1
Unit ID LM03223701
Description DIESEL 4-STROKE
Make BERGEN
Model B32-40L9P

Oil Type GADINIA 40 40
Sample No 10009103
Analysis No 8767049
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data. Label Remarks: PS

DATA

		NORMAL	NORMAL	NORMAL	NORMAL
Sample No		10004901	10009110	10009102	10009103
Date Sampled		06/04/2024	22/09/2024	22/09/2024	22/01/2025
Date Received		12/04/2024	11/10/2024	11/10/2024	06/02/2025
Port Landed		ZHOUSHAN			BATAM
Oil on Label		DELO 3000 MARINE 40	GADINIA AL 40	GADINIA AL 40	GADINIA 40 40
Purifier/Filter		N.A.	N.A.	N.A.	N.A.
Equipment Life	Hrs		23329	23610	25082
Oil Life	Hrs		15000	15000	25082
Top up Volume					

ANALYSIS

Visco @40°C	mm2/s	134.40	124.80	122.40	119.40
Visco @100°C	mm2/s	14.53	13.42	13.16	12.77
Viscosity Index		107	102	101	99
Insolubles	%	0.0	0.1	0.1	0.3
Flashpoint 180°C		PASS	PASS	PASS	PASS
Water Content	%mass	0.00	0.00	0.00	0.00
BN D2896	mg KOH/g	15.5	12.3	13.6	13.2
PQ-Index		11	8	8	9

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron	(Fe)	2	6	3	4
Chromium	(Cr)	0	0	0	0
Molybdenum	(Mo)	3	0	0	0
Copper	(Cu)	0	0	0	0
Lead	(Pb)	0	0	0	0
Silver	(Ag)	0	0	0	0
Tin	(Sn)	2	0	0	0
Aluminium	(Al)	2	0	0	0

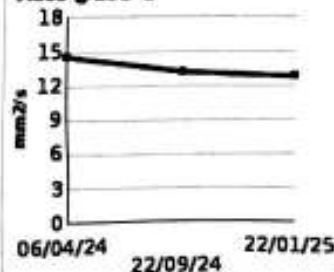
CONTAMINANTS

Nickel	(Ni)	1	0	0	0
Vanadium	(V)	0	0	0	0
Silicon	(Si-T)	13	2	2	3
Boron	(B)	62	50	54	70
Sodium	(Na)	1	0	4	8
Magnesium	(Mg)	21	19	15	20

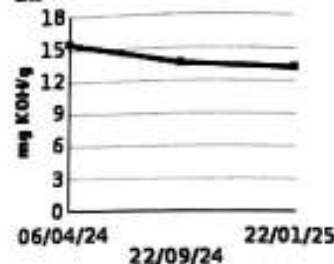
OTHER METALS

Phosphorus	(P)	366	376	393	405
Zinc	(Zn)	462	423	432	467
Barium	(Ba)	0	0	0	0
Calcium	(Ca)	5220	4351	4710	4804

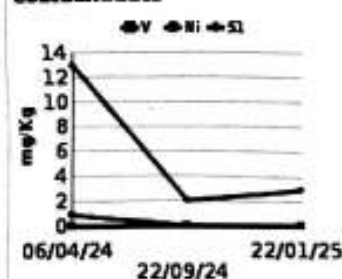
Visco @ 100°C



BN



Contaminants



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Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name MAIN ENGINE 2
Unit ID LM03223702
Description DIESEL 4-STROKE
Make BERGEN
Model B32:40L9P

Oil Type GADINIA 40 40
Sample No 10009106
Analysis No 8767050
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

		NORMAL	NORMAL	NORMAL
Sample No	-	10039610	10040310	10009106
Date Sampled	-	26/01/2024	07/05/2024	22/01/2025
Date Received	-	21/02/2024	08/05/2024	06/02/2025
Port Landed	-	ZAUSUAN		BATAM
Oil on Label	-	GADINIA AL 40	GADINIA AL 40	GADINIA 40 40
Purifier/Filter	-	N.A.	N.A.	N.A.
Equipment Life	Hrs	22568	22644	25189
Oil Life	Hrs			25189
Top up Volume	-			

ANALYSIS

Visco @40°C	mm2/s	116.40	109.60	122.60
Visco @100°C	mm2/s	13.06	12.99	13.10
Viscosity Index	-	106	113	100
Insolubles	%	0.1	0.2	0.2
Flashpoint 180°C	-	PASS	PASS	PASS
Water Content	%mass	0.00	0.00	0.00
BN D2896	mg KOH/g	12.5	13.6	12.9
PQ-index	-	9	11	6

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron (Fe)	-	4	5	3
Chromium (Cr)	-	0	0	0
Molybdenum (Mo)	-	8	5	0
Copper (Cu)	-	0	0	0
Lead (Pb)	-	0	11	0
Silver (Ag)	-	0	0	0
Tin (Sn)	-	0	8	0
Aluminium (Al)	-	5	3	0

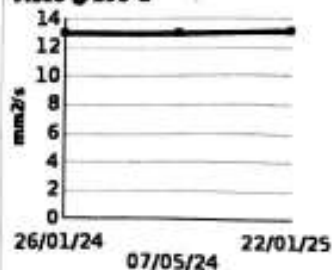
CONTAMINANTS

Nickel (Ni)	-	4	0	0
Vanadium (V)	-	0	0	0
Silicon (Si-T)	-	20	18	3
Boron (B)	-	66	54	69
Sodium (Na)	-	12	1	10
Magnesium (Mg)	-	20	20	20

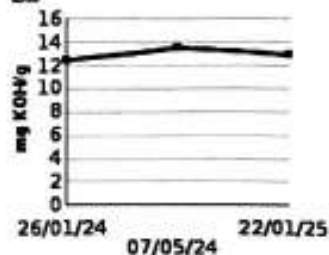
OTHER METALS

Phosphorus (P)	-	417	359	414
Zinc (Zn)	-	490	461	488
Barium (Ba)	-	0	0	0
Calcium (Ca)	-	5043	5182	4956

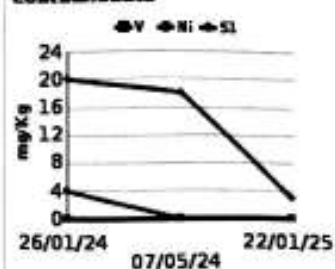
Visco @ 100°C



BN



Contaminants



Values with *: Red and Bold = URGENT / blue and italic = CAUTION

The validity of symptoms and comments is depending on the representativity of the sample. Comments are advisory only.

Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name AUX ENGINE STB
Unit ID LM03223754
Description DIESEL 4-STROKE
Make
Model

Oil Type RIMULA 15W40
Sample No 10009109
Analysis No 8767062
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

			NORMAL	NORMAL
Sample No	-	-	10009112	10009109
Date Sampled	-	-	23/09/2024	22/01/2025
Date Received	-	-	11/10/2024	06/02/2025
Port Landed	-	-		BATAM
Oil on Label	-	-	RIMULA R3 TURBO 15W40	RIMULA 15W40
Purifier/Filter	-	-	N.A.	N.A.
Equipment Life	Hrs	-	22000	23892
Oil Life	Hrs	-	120	189
Top up Volume	-	-		

ANALYSIS

Visco @40°C	mm2/s	-	87.47	101.20
Visco @100°C	mm2/s	-	12.52	13.96
Viscosity Index	-	-	139	140
Insolubles	%	-	0.1	0.1
Flashpoint 180°C	-	-	PASS	PASS
Water Content	%mass	-	0.00	0.00
BN D2896	mg KOH/g	-	9.8	9.5
PQ-index	-	-	5	9

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron	(Fe)	-	3	0
Chromium	(Cr)	-	0	0
Molybdenum	(Mo)	-	0	22
Copper	(Cu)	-	0	0
Lead	(Pb)	-	0	0
Silver	(Ag)	-	0	0
Tin	(Sn)	-	0	0
Aluminium	(Al)	-	0	0

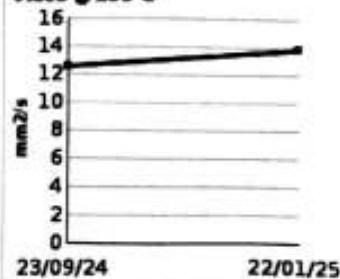
CONTAMINANTS

Nickel	(Ni)	-	0	0
Vanadium	(V)	-	0	0
Silicon	(Si-T)	-	0	7
Boron	(B)	-	91	307
Sodium	(Na)	-	0	0
Magnesium	(Mg)	-	775	404

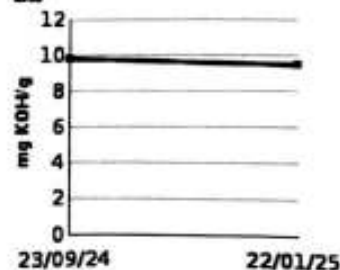
OTHER METALS

Phosphorus	(P)	-	1144	1038
Zinc	(Zn)	-	1287	1154
Barium	(Ba)	-	0	0
Calcium	(Ca)	-	1918	2834

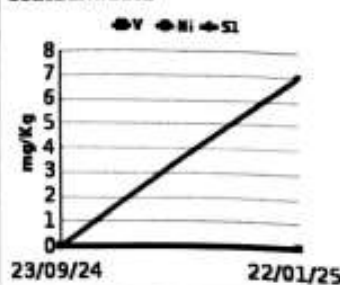
Visco @ 100°C



BN



Contaminants



Vessel Name SPEC NICHOLE
Company ABC MARITIME
Unit Name AUX ENGINE PS
Unit ID LM03223753
Description DIESEL 4-STROKE
Make
Model

Oil Type RIMULA 15W40
Sample No 10009117
Analysis No 8767061
Reported 12-FEB-25
Affiliate LUBMARINE-IT-INT
Lab Singapore

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval. The oil stated is not a Lubmarine manufactured product. Our observations are based on the similar application. The application of the used oil limit conditions complies with the TotalEnergies product range. Oil types from other manufacturers are therefore based on limit conditions equivalent to TotalEnergies' references and may deviate slightly from original manufacturers data.

DATA

			NORMAL	NORMAL
Sample No	-	-	10009118	10009117
Date Sampled	-	-	23/09/2024	22/01/2025
Date Received	-	-	11/10/2024	06/02/2025
Port Landed	-	-		BATAM
Oil on Label	-	-	RIMULA R3 TURBO 15W40	RIMULA 15W40
Purifier/Filter	-	-	N.A.	N.A.
Equipment Life	Hrs	-	22000	23918
Oil Life	Hrs	-	150	200
Top up Volume	-	-		

ANALYSIS

Visco @40°C	mm2/s	-	87.58	101.00
Visco @100°C	mm2/s	-	12.97	13.66
Viscosity Index	-	-	147	135
Insolubles	%	-	0.1	0.1
Flashpoint 180°C	-	-	PASS	PASS
Water Content	%mass	-	0.00	0.00
BN D2898	mg KOH/g	-	10.5	10.3
PQ-index	-	-	8	10

SPECTRO ANALYSIS

WEAR ELEMENTS

Iron (Fe)	-	-	2	0
Chromium (Cr)	-	-	0	0
Molybdenum (Mo)	-	-	0	20
Copper (Cu)	-	-	0	0
Lead (Pb)	-	-	0	0
Silver (Ag)	-	-	0	0
Tin (Sn)	-	-	0	0
Aluminium (Al)	-	-	0	0

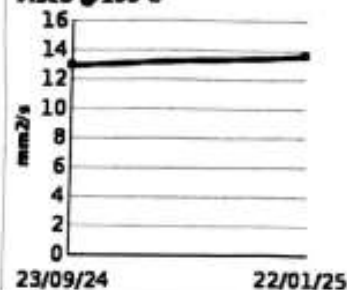
CONTAMINANTS

Nickel (Ni)	-	-	0	0
Vanadium (V)	-	-	0	0
Silicon (Si-T)	-	-	0	6
Boron (B)	-	-	112	298
Sodium (Na)	-	-	0	3
Magnesium (Mg)	-	-	765	395

OTHER METALS

Phosphorus (P)	-	-	1130	1020
Zinc (Zn)	-	-	1277	1141
Barium (Ba)	-	-	0	0
Calcium (Ca)	-	-	1904	2595

Visco @ 100°C



BN



Contaminants



	Kind of oil	Machinery	System capacity	Total	Tank
Circulation oils	Shevron DELO 1000 Marine 40	Lub.oil purifier	2 x 2,5	7,5	—
		Fuel oil purifier	2,5		
	S.GADINIA 40/Shevron Delo1000 Marine40	Main engine	2 x 2500	5000	IS
	S.RIMULA 15W40/G-Profi MSI Plus 15W-40	Auxiliary generator engine	2 x 79,5	188,3	LO_AU
		Emergency generator engine	16,3		
		Fast rescue craft engine	13		
Gear oils	S.OMALA S2 G 68	Thrusters	3 x 1000	3080	LO_BT
		FI-FI pump gear box	2 x 40		
	S.OMALA S2 G 100	Stern tube	2 x (15 + 55 + 30)	291	—
		Intermediate shaft bearing	8 x 11		
		Provision crane gear	3		
	S.OMALA S2 G 150	Main gear box	2 x 520	1040	LO_G/B
	S.OMALA S2 G 320	Main engine turning gear	2 x 40	80	—
Hydraulic oils	S.OMALA S4 GX 220	Anchor handling/towing winch reduction gear	16	16	—
	S.TELLUS S2 V 15	Anchor handling/towing winch servo system	1000	1000	—
	S.TELLUS S2 V 32	Steering gear	2 x (60+120)	1020	HO_2P
		Watertight sliding door	3 x 20		
		Shark jaw and tow pin hyd.unit	600		
	S.TELLUS S2 V 46	Rescue boat davit	500	500	—
	S.TELLUS S2 V 68	Provision crane hyd.system	300	300	—
	S.TELLUS S2 V 100	Capstan	2 x 100 + 75	350	HO_1P
		Deck machinery hyd.system	75		
	S.CORENA S4 R 68	Bulk system air compressor	2 x 50	100	—
Compressor	S.CORENA S2 P 100	Main air compressor	2 x 5,2	10,4	—
	S.REF.OIL S4 FR-F 68	Air conditioner compressor (R-407C)	2 x 9	18	—
	S.REF.OIL S4 FR-F 32	Provision plant compressor (R-417A)	2 x 1,5	3	—
Greases	S.GADUS S2 V 220 2	Shaft generator bearings	20	215	—
		Auxiliary generator bearings	10		
		Emergency generator bearings	5		
		Thruster bearings	10		
		Rope reel bearings	10		
		AHTW bearings, brake screws, gears, towing grease lubrication system	50		
		Steering gear bearings, outside surface for tapered sleeve, rotor bore, rudder stock sleeve	50		
		Capstan bearings	10		
		Engine pump bearings	20		
		Stern roller grease lubrication system	30		
	S.GADUS S2 A 320 2	Tugger winch bearings, brake screws, gears	10	40	—
		Windlass/bearings,brake,claw coupling,drum	10		
		Rescue boat davit movement elements, wire	10		
		Provision crane pin shaft, bearings, wire	10		
	S.GADUS S3 HIGH SPEED COUPLING GREASE	Coupling for thruster shaft	10	10	—
	S.GADUS S3 V220C 2	Shark jaws and tow pin bearings, pins	10	10	—
	WIRE ROPE GREASE, GADUS S1 OG 200	WIRE			

	Kind of oil	Machinery	System capacity	Total	Tank
Circulation oils	Shevron DELO 1000 Marine 40	Lub.oil purifier	2 x 2,5	7,5	—
		Fuel oil purifier	2,5		
	S.GADINIA 40/Shevron Delo1000 Marine40	Main engine	2 x 2500	5000	1S
	S.RIMULA15W40/G-Profi MSI Plus15W-40	Auxiliary generator engine	2 x 79,5	188,3	LO_AU
		Emergency generator engine	16,3		
		Fast rescue craft engine	13		
Gear oils	S.OMALA S2 G 68	Thrusters	3 x 1000	3080	LO_BT
		FI-FI pump gear box	2 x 40		
	S.OMALA S2 G 100	Stern tube	2 x (15 + 55 + 30)	291	—
		Intermediate shaft bearing	8 x 11		
		Provision crane gear	3		
	S.OMALA S2 G 150	Main gear box	2 x 520	1040	LO_G/B
	S.OMALA S2 G 320	Main engine turning gear	2 x 40	80	—
	S.OMALA S4 GX 220	Anchor handling/towing winch reduction gear	16	16	—
	S.TELLUS S2 V 15	Anchor handling/towing winch servo system	1000	1000	—
		Steering gear	2 x (60+120)	1020	HO_2P
Hydraulic oils	S.TELLUS S2 V 32	Watertight sliding door	3 x 20		
		Shark jaw and tow pin hyd.unit	600		
	S.TELLUS S2 V 46	Rescue boat davit	500	500	—
	S.TELLUS S2 V 68	Provision crane hyd.system	300	300	—
		Capstan	2 x 100 + 75	350	HO_1P
	S.TELLUS S2 V 100	Deck machinery hyd.system	75		
	S.CORENA S4 R 68	Bulk system air compressor	2 x 50	100	—
	S.CORENA S2 P 100	Main air compressor	2 x 5,2	10,4	—
Compressor	S.REF.OIL S4 FR-F 68	Air conditioner compressor (R-407C)	2 x 9	18	—
	S.REF.OIL S4 FR-F 32	Provision plant compressor (R-417A)	2 x 1,5	3	—
Greases	S.GADUS S2 V 220 2	Shaft generator bearings	20	215	—
		Auxiliary generator bearings	10		
		Emergency generator bearings	5		
		Thruster bearings	10		
		Rope reel bearings	10		
		AHTW bearings, brake screws, gears, towing grease lubrication system	50		
		Steering gear bearings, outside surface for tapered sleeve, rotor bore, rudder stock sleeve	50		
		Capstan bearings	10		
		Engine pump bearings	20		
		Stern roller grease lubrication system	30		
	S.GADUS S2 A 320 2	Tugger winch bearings, brake screws, gears	10	40	—
		Windlass/bearings,brake,claw coupling,drum	10		
		Rescue boat davit movement elements, wire	10		
		Provision crane pin shaft, bearings, wire	10		
	S.GADUS S3 HIGH SPEED COUPLING GREASE	Coupling for thruster shaft	10	10	—
	S.GADUS S3 V220C 2	Shark jaws and tow pin bearings, pins	10	10	—
	WIRE ROPE GREASE, GADUS S1 OG 200	WIRE			

Technical data: B32:40 L9P 2.
Fuel type: MDO
Application: Marine Propulsion

Drawing No.: L1089/98
Project No.: 313180
Engine No.: 15319 - 15320
Yard/Power plant: Sinopacific Shipbuilding DY2003



Rolls-Royce

Engine data:

Number of cylinders	-	9
Cylinder bore	mm	320
Piston stroke	mm	400
Rated power (MCR), engine	kW	4500
Mean effective pressure	bar	24,9
Rated speed	RPM	750
Mean piston speed	m/s	10
Displacement	l	289

Fuel oil data:

Specific fuel consumption	g/kWh	184
Fuel consumption at MCR	l/h	1000
Fuel feed pump capacity	l/h	4200
Daytank, 24hrs operation	m³	24

Nozzle oil data:

Nozzle oil	-	SAE 40
Pressure normal (+ 0,2)	barg	2.0
Alarm, pressure low	barg	1.0
Temp, normal (+ 5)	°C	90

Start air data:

Start air pressure, max./min.	barg	30/20
Air consumption per. start	m³/h	1,25
No of starts, 500l receiver	-	7
No of starts, 250l receiver	-	4

Lubrication data:

Lubrication oil	-	SAE 40
Main pump capacity	m³/h	68
Priming pump capacity	m³/h	13
Lub. oil pressure	-	SAE 40
-normal	barg	4-5
-alarm, pressure low	barg	2,5
-start, stand-by pump	barg	0
-shut-down, pressure low	barg	1,7
Lub. oil temp engine inlet	°C	60
-normal	°C	70
-alarm, temp high	°C	0,8
Spec. lub. oil consumption	g/kWh	3,6
Lub. oil consumption	kg/h	3,6
Crankcase, lub. oil volume	l	1950
-high level	l	1450
-low level	l	5400
-dry sump, system tank	l	5400

Jacket water waste heat recovery:

Waste heat, 100% load	MJ/h	4910
Waste heat, 80% load	MJ/h	3555
Waste heat, 50% load	MJ/h	1880

Cooling water data:

Two-stage charge air cooler:		
-Low temp. stage:		
-temp. at inlet, max	°C	37
-water flowrate, normal	m³/h	50
-water flowrate, max	m³/h	58
-High temp. stage:		
-water flowrate, normal	m³/h	36
Jacket water system:		
-pump capacity	m³/h	81
-normal stop/shut-down	barg	1.0
-water quantity, engine block	l	370
-Temp. at engine outlet		
-normal	°C	90
-alarm, temp. high	°C	95
-shut-down, temp. high	°C	98
-temp. rise in engine, max	°C	7,4
-incl. high temp. ca-cooler	°C	14,5
-Expansion tank:		
-volum, single-engined	l	300
-volum, multi-engined	l	500
-height above engine	m	3-10

Air data:

Turbocharger type	ABB	TPL-67C33
Charge air cooler type	-	RR9L3240B
Air consumption	m³/h	23600
Air consumption	kg/h	30500
Charge air pressure	barg	3,2
Charge air temperature:		
-normal	°C	55-60
-alarm, temp high	°C	65
Turbocharger speed alarm	rpm	29216

Exhaust data:

Mass flow	kg/h	31300
Volume flow, after turbin	m³/h	53700
Temp, after cylinder	°C	375
Temp, after turbine	°C	325
Back pressure, max	mmWG	300
Part load data:		
-Mass flow, 90% load	kg/h	28900
-Temp, after turbine	°C	320
-Mass flow, 80% load	kg/h	26200
-Temp, after turbine	°C	320
-Mass flow 50% load	kg/h	16800
-Temp, after turbine	°C	355

Heat dissipation:

Lubrication data:		
Lub. oil cooler	MJ/h	1945
Cooling water data:		
Low temp. stage	MJ/h	3025
High temp. stage	MJ/h	2405
Jacket water cooler:		
-Heat dissipation, engine	MJ/h	2505
-incl. high temp. ca-cooler	MJ/h	4910
Ventilation data:		
Radiation engine	MJ/h	550

Engine power definition is according to ISO 3046-1

However the engine ratings are valid for the following reference conditions:

Air inlet temperature max. 45 °C
 Air inlet temperature min. 10 °C
 Charge air low temp. fresh water inlet temp.
 Relative humidity

Specific fuel oil consumption is measured on testbed according to ISO 3046-1, using diesel-oil with a net heating value of 42.7 MJ/kg and no engine-driven pumps. With engine-driven pumps, add 1g/kWh for each pump. Spec. lub. oil consumption is for guidance only.

NOTE! Due to continuous development, some data may change.

Ex according to Tier 2 of Annex VI of MARPOL 73/78

AEO - 23.05.2013

Lashing equipment Inventory (SPEC NICHOLE)

09.05.2024

No.	Description Item	Qty	Location
1	FOR PROGECT		(BOUSON STORE AND SAFETY LOCKER) FOR PROGECT
2	80 mm x 80 mm x 8000 mm – 20 pcs	20 pcs	(BOUSON STORE AND SAFETY LOCKER) FOR PROGECT
3	80 mm x 80 mm x 1500 mm – 28 pcs	28 pcs	(BOUSON STORE AND SAFETY LOCKER) FOR PROGECT
4	50 mm x 200 mm x 2000 mm	30 pcs	(BOUSON STORE AND SAFETY LOCKER) FOR PROGECT
5	Standard wire clips	60 PCS	(BOUSON STORE AND SAFETY LOCKER) FOR PROGECT
6	Turnbuckles Jaw and Jaw Breaking Load 160 kN Thread Diam 7/8 Inch	12 pcs	(BOUSON STORE AND SAFETY LOCKER) FOR PROGECT
7	Shackles 12 Tonn	24pcs	(BOUSON STORE AND SAFETY LOCKER) FOR PROGECT
8			
9	Belt Type Car Claspers breaking Load minimum 2 Tons 10 Mtrs	24 pcs	(BOUSON STORE AND SAFETY LOCKER) FOR PROGECT
10	Belt Type Car Claspers breaking Load minimum 2 Tons 8 Mtrs	10 pcs	(BOUSON STORE AND SAFETY LOCKER) FOR PROGECT
11	Belt Type Car Claspers breaking Load minimum 2 Tons 6 Mtrs	14 pc	(BOUSON STORE AND SAFETY LOCKER) FOR PROGECT
12	Chain Type Load Binders with Hooks SWL minimum 2 Tons, Max	14 pcs	(BOUSON STORE AND SAFETY LOCKER) FOR PROGECT
13	Still wire rope 18 mm	120 Mtrs	AH from the bottom FOR PROGECT
14	FOR VSL.		FOR VSL.
15	SPARE WIRE FOR TUGER	100 MTRS.	AH from the bottom
16	SHACKELS 9.5 T.	8 PCS.	ON THE MAINE Deck
17	SHACKEL 55 T.	5 PCS.	ON THE MAINE Deck
18	SHACKEL 13.5 T.	10 PCS.	ON THE MAINE Deck
19	SHACKEL 35 T.	6 PCS.	ON THE MAINE Deck
20	SHACKEL 120 T.	4 PCS.	ON THE MAINE Deck
21	SHACKEL 150 T.	4 PCS.	ON THE MAINE Deck

22	SHACKEL 85 T.	4 PCS.	ON THE MAINE Deck
23	SHACKEL 25 T.	3 PCS.	ON THE MAINE Deck
24	SHACKEL 4.75 T.	8 PCS.	BOUSON STORE
25	SHACKEL 12T.	4 PCS.	BOUSON STORE
26	SHACKEL 17T.	4 PCS.	BOUSON STORE
27	WILLIAM HACKET 10 MM GRADE 10 CHANE	10 PCS	ON THE MAINE Deck
28	TRIANGE PLATE 55 TON	1 PCS	ON THE MAINE Deck
29	MOORING SOCKET 76- 88MM	2 PCS	ON THE MAINE Deck
30			
31			
32			
33			
34			
35			

		INSPECTION	IN CHARGE
1	FIRE PLAN	MONTHLY	20 1
	FIRE FIGHTING EQUIPMENTS		
2	PORTABLE EXTINGUISHERS	MONTHLY	20 1
3	CABINS PLAN	MONTHLY	
4	SCBA	WEEKLY	20 1
	LIFE SAVING APPLIANCES		
5	E.E.B.D.	MONTHLY	20 1
6	LIFE BUOYS	WEEKLY	20 1
7	LIFE JACKETS	MONTHLY	20 1
8	IMMERSION SUITS	MONTHLY	20 1
9	RESCUE BOAT	WEEKLY	20 1
10	LIFE RAFTS	WEEKLY	20 1
11	E.P.I.R.B.	MONTHLY	20 1
12	BRIDGE SAFETY EQUIPMENT	MONTHLY	20 1
13	S.A.R.T.	MONTHLY	20 1
14	RADIOS	MONTHLY	20 2
15	SOPEP	WEEKLY	CO
16	FIRE DETECTORS	WEEKLY	ETO
17	FLAGS	MONTHLY	20 2
18	LOG BOOKS	MONTHLY	20 2
19	BRIDGE EQUIPMENT	MONTHLY	20 2
20	GAS DETECTOR	MONTHLY	20 2

M/V SPEC NICHOLE



1. FIRE PLAN

N°	LOCATION	NUMBERS	CONDITION	REMARK
1	Bridge	1	Good	NOT APPROVED
2	02 DECK	2	Good	NOT APPROVED
3	01 DECK	2	Good	NOT APPROVED
4	MAIN DECK	1	Good	NOT APPROVED

The safety plan must be update for flag chagement and approved by class BV.

Date: 04.10.2025

Incoming Master:

Outgoing Master:

SPEC NICOLE

2. Fire Extinguisher



FIRE EXTINGUISHERS (IN USED)

	30
	1
	6
FOAM (9.0 L)	2
FOAM (5.0 L)	2
FOAM (45.0 L)	1
FOAM APP (20.0 L)	1
TOTAL	43

4kg 6.8kg = 11.8kg; 4kg 3.6kg = 7.6kg; 4kg = 11.8kg; 4kg 4kg = 8.8kg; 7kg = 11.8kg; 11.8kg = 23.6kg

Spare

3
1
6

New Spare

Located in Singapore
21-02-2025
1pc Powder 8kg Boat Deck Store
1pc Powder 2kg Boat Deck Store
1pc Powder 8kg Boat Deck Store

DRY POWDER											
NO.	MARCONI NO.	LOCATION	TYPE	CAPACITY	MAKER	SERIAL NUMBER	LAST ANNUAL SERVICE	NEXT ANNUAL SERVICE	LAST HYDRO TEST	NEXT HYDRO TEST	REMARKS
1	DP 1	Wheelhouse (Star)	DP	6.0 kg	Hydrapha	009009	Feb-25	Feb-26	Mar-20	Apr-30	
2	DP 2	Deck #2 - Alleyway (Mid-Port)	DP	6.0 kg	Hydrapha	001881	Feb-25	Feb-26	Mar-20	Apr-30	
3	DP 3	Deck #2 - Instrument Room/ETO Office	DP	6.0 kg	Hydrapha	009000	Feb-25	Feb-26	Mar-20	Apr-30	
4	DP 4	Deck #2 - Outside centre A.H.U. Room	DP	6.0 kg	Hydrapha	063649	Feb-25	Feb-26	Mar-20	Apr-30	
5	DP 5	Deck #1 - Alleyway (Mid-Star)	DP	6.0 kg	Hydrapha	003231	Feb-25	Feb-26	Mar-20	Apr-30	
6	DP 6	Deck #1 - Alleyway (Port)	DP	6.0 kg	Hydrapha	063256	Feb-25	Feb-26	Mar-20	Apr-30	
7	DP 7	Deck #1 - Hospital	DP	6.0 kg	Hydrapha	009203	Feb-25	Feb-26	Mar-20	Apr-30	
8	DP 8	Deck #1 - Outside Emer Generator Rm (Port)	DP	6.0 kg	Hydrapha	Y519623	Feb-25	Feb-26	Mar-20	Apr-30	New installed 25.02.2025
9	DP 9	Deck #1 - Outside Fire Control Station (Star)	DP	6.0 kg	Hydrapha	Y511332	Feb-25	Feb-26	Mar-20	Apr-30	New installed 25.02.2025
10	DP 10	Main Deck - Outside Laundry Room (Port)	DP	6.0 kg	Hydrapha	009119	Feb-25	Feb-26	Mar-20	Apr-30	
11	DP 11	Main Deck - Mess Room	DP	6.0 kg	Hydrapha	009169	Feb-25	Feb-26	Mar-20	Apr-30	
12	DP 12	Main Deck - Gallery Entrance	DP	6.0 kg	Hydrapha	009187	Feb-25	Feb-26	Mar-20	Apr-30	
13	DP 13	Main Deck - Dry Store	DP	6.0 kg	Hydrapha	009275	Feb-25	Feb-26	Mar-20	Apr-30	
14	DP 14	Main Deck - Inside Hyd Pack Room (Port)	DP	6.0 kg	Hydrapha	009067	Feb-25	Feb-26	Mar-20	Apr-30	
15	DP 15	Main Deck - Deck Store	DP	6.0 kg	Hydrapha	001174	Feb-25	Feb-26	Mar-20	Apr-30	
16	DP 16	Main Deck - Deck Store	DP	6.0 kg	Hydrapha	008943	Feb-25	Feb-26	Mar-20	Apr-30	
17	DP 17	Main Deck - Inside Forward Store	DP	6.0 kg	Hydrapha	009255	Feb-25	Feb-26	Mar-20	Apr-30	
18	DP 18	E/R Mezz Deck - E/R Entrance Stair (opposite of workshop-1)	DP	6.0 kg	Hydrapha	009275	Feb-25	Feb-26	Mar-20	Apr-30	569886
19	DP 19	E/R Mezz Deck - Engine Store (Star) (Junk-1)	DP	6.0 kg	Hydrapha	009175	Feb-25	Feb-26	Mar-20	Apr-30	1 - 60873
20	DP 20	E/R Mezz Deck - Sewage Treatment (Port)	DP	6.0 kg	Hydrapha	063467	Feb-25	Feb-26	Mar-20	Apr-30	
21	DP 21	E/R Mezz Deck - Stowing Gear Rm (Star) (Junk-rooms)	DP	6.0 kg	Eversafe	582466	Feb-25	Feb-26	Mar-20	Apr-30	
22	DP 22	E/R Mezz Deck - Stowing Gear Rm (Port)	DP	6.0 kg	EAC	N/A	Feb-25	Feb-26	Mar-20	Apr-30	

Date: 04.10.2025

Incoming Master:

Outgoing Master:

24	DP 24	ER Tank Top Deck - Bow Thruster Rm (bottom)	DP	6.0 kg	Hygrapha	001855	Feb-25	Feb-26	Mar-25	Apr-30	
25	DP 25	ER Tank Top Deck - ME #1 (Port-Mid) (Jelly-Largo pump)	DP	6.0 kg	Hygrapha	001851	Feb-25	Feb-26	Mar-25	Apr-30	
26	DP 26	ER Tank Top Deck - ME #2 (Star-Mid)	DP	6.0 kg	Hygrapha	002773	Feb-25	Feb-26	Mar-25	Apr-30	9282
27	DP 27	ER Tank Top Deck - ME #2 (Star-Mid) (Jelly)	DP	6.0 kg	Hygrapha	006186	Feb-25	Feb-26	Mar-25	Apr-30	
28	DP 28	ER Tank Top Deck - Passage Way (Port) (Jelly-way)	DP	6.0 kg	Hygrapha	001830	Feb-25	Feb-26	Mar-25	Apr-30	
29	DP 29	ER Tank Top Deck - Passage Way (Star)	DP	6.0 kg	Hygrapha	000958	Feb-25	Feb-26	Mar-25	Apr-30	
30	DP 30	ER Tank Top Deck - Stern	DP	6.0 kg	Hygrapha	008963	Feb-25	Feb-26	Mar-25	Apr-30	
31	DP 31	Main Deck - Deck Store (Spent) (Passage way)	DP	6.0 kg	BAC	N/A	Feb-25	Feb-26	Mar-25	Apr-30	387M
32	DP 32	Main Deck - Deck Store (Spent) (RD deck 4x7)	DP	3.0 kg (25)	Longhai	369885 (1491242)	Feb-25	Feb-26	Mar-25	Apr-30	
33	DP 33	Main Deck - Deck Store (Spent)	DP	1.3 kg (35-40)	N/A	005738	Feb-25	Feb-26	Mar-25	Apr-30	
CO2											
NO.	MARKING NO.	LOCATION	TYPE	CAPACITY	MAKER	SERIAL NUMBER	LAST ANNUAL SERVICE	NEXT ANNUAL SERVICE	LAST HYDRO TEST	NEXT HYDRO TEST	
1	C1	Machinery deck	CO2	5.0 kg	Hygrapha	005809	Feb-25	Feb-26	Mar-25	Apr-30	
2	C2	Wheelhouse (Port)	CO2	5.0 kg	Hygrapha	00611	Feb-25	Feb-26	Mar-25	Apr-30	
3	C3	Wheelhouse (Mid)	CO2	5.0 kg	Hygrapha	005077	Feb-25	Feb-26	Mar-25	Apr-30	
4	C4	Main Deck - Paint Store	CO2	5.0 kg	Hygrapha	005183	Feb-25	Feb-26	Mar-25	Apr-30	
5	C5	Main Deck - Inside ECR (Port Entrance)	CO2	5.0 kg	Hygrapha	005841	Feb-25	Feb-26	Mar-25	Apr-30	
6	C6	Main Deck - Inside ECR (Mid Fuel)	CO2	5.0 kg	Hygrapha	004170	Feb-25	Feb-26	Mar-25	Apr-30	
		Main Deck - Near Stairway	CO2	5.0 kg					Dec-24	Dec-24	
7	C7	Main Deck - Deck Store (Spent)	CO2	5.0 kg	Hygrapha	006816	Feb-25	Feb-26	Mar-25	Apr-30	
8	C8	Main Deck - Deck Store (Spent)	CO2	5.0 kg	Hygrapha	004558	Feb-25	Feb-26	Mar-25	Apr-30	
9	C9	Main Deck - Deck Store (Spent)	CO2	5.0 kg	Hygrapha	004575	Feb-25	Feb-26	Mar-25	Apr-30	
10	C10	Main Deck - Deck Store (Spent) (Deck store 2)	CO2	5.0 kg	Hygrapha	005175	Feb-25	Feb-26	Mar-25	Apr-30	
11	C11	Main Deck - Deck Store (Spent)	CO2	5.0 kg (25)	Hygrapha	004329	Feb-25	Feb-26	Mar-25	Apr-30	
12	C12	Main Deck - Deck Store (Spent)	CO2	5.0 kg (25)	Hygrapha	006123	Feb-25	Feb-26	Mar-25	Apr-30	
		Main Deck - Deck Store (Spent)	CO2	5.0 kg (25)					Dec-24	Dec-24	
FOAM											
NO.	MARKING NO.	LOCATION	TYPE	CAPACITY	MAKER	SERIAL NUMBER	LAST ANNUAL SERVICE	NEXT ANNUAL SERVICE	LAST HYDRO TEST	NEXT HYDRO TEST	
1	F1	ER Tank Top Deck - ME #1 (Port-Fuel)	Foam	9.0 L	Hygrapha	018191	Feb-25	Feb-26	Mar-25	Apr-30	
2	F2	ER Tank Top Deck - ME #1 (Port-Air)	Foam	9.0 L	Hygrapha	019056	Feb-25	Feb-26	Mar-25	Apr-30	
3	F3	ER Tank Top Deck - Near Stairway (Jelly dock)	Foam	45.0 L	A.B.S	054102	Feb-25	Feb-26	Mar-25	Apr-30	
4	HV225S	Portable foam applicator 1.6% x1 SET - ER Tank Top Deck Near stairway	Foam	20.0 L	SALES	2G22PWA0004	Feb-25	Feb-26			MFG: 2014 Expires 01/2026
1	W1	Main Deck - Deck Store (Spent)	Water Chemical	6.0 L	Fangshan	0026	Feb-25	Feb-26	Mar-25	Apr-30	
1	W5A3M	Main Deck - Galley (Star)	Water Chemical	6.0 L	Total	18806	Feb-25	Feb-26	Mar-25	Apr-30	

Remarks:

As per SOLAS requirement Part C: Suppression of fire, Regulation 10

All Foam Extinguisher kept under pressure subject to 5 Yearly Hydrostatically test As-Per MSN 11/2006

Date: 04.10.2025

Incoming Master:

Outgoing Master:



3. CABIN PLAN + LIFEJACKETS & IMMERSION SUITS LOCATION PLAN

Total cabins o/b - 19 | Maximum POB - 36

3/O - Visitor (№ 214)		DECK 02		VISITOR - EMPTY (№ 201)		
LifeJackets = 2 Imm. suits = 2		passage way		LifeJackets = 2 Imm. suits = 2		
2/O (№ 213)		passage way SB	Up stair on the bridge	passage way PS	3/ENG (№ 202)	
LifeJackets = 2 Imm. suits = 2			Office		Instrument room	LifeJackets = 2 Imm. suits = 2
VISITOR (№ 212)			№ 208		№ 206	2/ENG (№ 203)
LifeJacket = 1 Imm. suit = 1			C/O (№ 209) LifeJacket = 1 Imm. suits = 1		ETO (№ 207) LifeJacket = 1 Imm. suit = 1	LifeJacket = 1 Imm. suit = 1
Master (№ 211)					C/ENG (№ 204)	
LifeJacket = 1 Imm. suit = 1					LifeJacket = 1 Imm. suit = 1	
Total: LifeJackets = 14 pcs			Total: Immersion Suits = 14 pcs			

Sick bay (№ 112)	DECK 01		Pax # 1 (№ 101) LifeJackets = 4 Imm. suits = 4	
AB2 (№ 111) LifeJackets = 2 Imm. suits = 2	passage way		Pax # 2 (№ 102) LifeJackets = 4 Imm. suits = 4	
COOK # 1 (№ 110) LifeJackets = 2 Imm. suits = 2	passage way SB	Stairs	passage way PS	
MOTORM/OILER # 1 (№ 109) LifeJackets = 2 Imm. suits = 2		Day room (№ 107)		OS (№ 105) LifeJackets = 2 Imm. suits = 2 PASSANGER (№ 106) LifeJackets = 2 Imm. suits = 2
Total: LifeJackets = 22 pcs		Total: Immersion Suits = 22 pcs		

For Watch on Wheelhouse:	LifeJackets = 2 / Imm. Suits = 2
For Watch in Engine Room:	LifeJackets = 2 / Imm. Suits = 2
Muster station:	Imm. Suits = 3
For children in Deck store:	LifeJackets = 4
Total: LIFEJACKETS = 44	Total: IMMERSION SUITS = 43



4. Breathing apparatus device and bottles inventory

LOCATION BA set		Cylinder	SERIAL No	MAKER	VOLUME	WORKING PRESSURE	LAST HYDRO TEST	NEXT HYDRO TEST
1st set	Wheelhouse, port side, red box	2pcs	11KTL125 21KTK008	SPASCIANI	6 LTR	300 BAR	01/02/2024	01/02/2029
2nd set	Wheelhouse, stdb side, red box	2pcs	31KTL160 41KTL138	SPASCIANI	6 LTR	300 BAR	01/02/2024	01/02/2029
3rd set	Deck 02, mid, muster station	2pcs	81KTL169 91KTL112	SPASCIANI	6 LTR	300 BAR	01/02/2024	01/02/2029
4th set	Main deck, stdb side, bosun store	2pcs	21KTL142 81KTL091	SPASCIANI	6 LTR	300 BAR	01/02/2024	01/02/2029
5th set	Mezz deck, ER, near ECR	2pcs	91KTK024 101KTL155	SPASCIANI	6 LTR	300 BAR	01/02/2024	01/02/2029
6th set	Mezz deck, ER, near turner room	2pcs	111KTL138 121KTL161	SPASCIANI	6 LTR	300 BAR	01/02/2024	01/02/2029
SPARE CYLINDERS MAIN DECK BOSUN STORE		4pcs	131KTL112 141KTK026 151KTL144 161KTL091	SPASCIANI	6 LTR	300 BAR	01/02/2024	01/02/2029

TOTAL = 16 pcs

No	Content	Qty
*	FIREMAN'S OUTFIT (parka, pants)	7 SETS
1	Breathing air apparatus device	1 pc
2	Air cylinder	2 pcs
3	Dielectric boots	1 pair
4	Dielectric gloves	1 pair
5	Helmet with visor	1 set
6	Fireman's axe	1 pc
7	Belt	1 pc
8	Torch	1 pc
9	Lifeline	1 (30m)

Date: 04.10.2025

Incoming Master:

Outgoing Master:

M/V SPEC NICHOLE



5. EEBD

No	LOCATION	S/N	Manuf. date	Date of replacement
*	WHEELHOUSE, STBD SIDE (for training)	N/A		Dec-29
1	WHEELHOUSE, STBD SIDE	H673992		Dec-29
2	DECK 02, STB SIDE	H673958		Dec-29
3	DECK 01, STB SIDE	H674546		Dec-29
4	MAIN DECK, STB SIDE	H673564		Dec-29
5	MAIN DECK, STB BOSUN STORE	H674679		Dec-29
6	MEZZ DECK, STAIR	H673595		Dec-29
7	MEZZ DECK, ECR	H674113		Dec-29
8	MEZZ DECK, WORKSHOP	H673563		Dec-29
9	LOWER SPACE STAIR, ER	H674705		Dec-29

Date: 04.10.2025

Incoming Master:

Outgoing Master:

MV SPEC NICHOLE



6. LIFEBOUYS inventory

	LOCATION	Serial No.	DESCRIPTION	REMARKS
1	NAVIGATION BRIDGE DECK STARBOARD		With Smoke Signal & Self Igniting Light (MOB)	MOB 04-2027 exp.
2	NAVIGATION BRIDGE DECK PORT		With Smoke Signal & Self Igniting Light (MOB)	MOB 04-2027 exp.
3	02 DECK STARBOARD		with line 30 mtr	RENEWED & TAPE 02-02-2024
4	02 DECK PORT		with line 30 mtr	RENEWED & TAPE 02-02-2024
5	01 DECK PORT SIDE (bow)			RENEWED & TAPE 02-02-2024
6	MAIN DECK PORT		with light	RENEWED & TAPE 02-02-2024 & NEW BATT.
7	MAIN DECK STARBOARD		with light	expire light buoy LIGHT 01/2027
8	MAIN DECK PORT			GOOD CONDITION
9	01 DECK FORWARD STORE	2400842	2.5 kg	Rcvd 25-April-2024; Certificate issue 10-Jan-2024
10	01 DECK FORWARD STORE	2400843	2.5 kg	Rcvd 25-April-2024; Certificate issue 10-Jan-2024
11	01 DECK FORWARD STORE	2400844	2.5 kg	Rcvd 25-April-2024; Certificate issue 10-Jan-2024
12	01 DECK FORWARD STORE	2400845	2.5 kg	Rcvd 25-April-2024; Certificate issue 10-Jan-2024

Date: 04.10.2025

Incoming Master:

Outgoing Master:



Number	Type	Size	Serial No.	Manufacture	Next Annual Inspection	Float test	Expire certificate	Location	Lights	Serial No.	Exp. Date
1	"VIKING" PV9520 (43kg or more)	ADULT	7001238805	03.2015		03.2020		Wheelhouse	PH27038	GA603548	04.2029
2	"VIKING" PV9520 (43kg or more)	ADULT	7001238863	03.2015		03.2020			PH27038	GA603545	04.2029
3	"VIKING" PV9520 (43kg or more)	ADULT	7001238806	03.2015		03.2020			PH27038	GA603588	04.2029
4	"VIKING" PV9520 (43kg or more)	ADULT	7001238864	03.2015		03.2020		ECR	PH27038	GA603584	04.2029
5	"VIKING" PV9520 (43kg or more)	ADULT	7001238519	03.2015		03.2020			PH27038	GA603513	04.2029
6	"VIKING" PV9520 (43kg or more)	ADULT	7001238556	03.2015		03.2020			PH27038	GA600154	04.2029
7	"VIKING" PV9520 (43kg or more)	ADULT	7001238650	03.2015		03.2020		MASTER cabin (211)	PH27038	GA600141	04.2029
8	"VIKING" PV9520 (43kg or more)	ADULT	7001238538	03.2015		03.2020		REPRESENTATIVE cabin (212)	PH27038	GA603497	04.2029
9	"VIKING" PV9520 (43kg or more)	ADULT	7001238515	03.2015		03.2020		CHOFF cabin (209)	PH27038	GA603355	04.2029
10	"VIKING" PV9520 (43kg or more)	ADULT	7001238629	03.2015		03.2020		2/OFF cabin (213)	PH27038	GA603486	04.2029
11	"VIKING" PV9520 (43kg or more)	ADULT	7001238682	03.2015		03.2020		3/OFF cabin (214)	PH27038	GA603111	04.2029
12	"VIKING" PV9520 (43kg or more)	ADULT	7001238697	03.2015		03.2020		CHENG cabin (204)	PH27038	GA603283	04.2029
13	"VIKING" PV9520 (43kg or more)	ADULT	7001238648	03.2015		03.2020		2/ENG cabin (203)	PH27038	GA603586	04.2029
14	"VIKING" PV9520 (43kg or more)	ADULT	7001238572	03.2015		03.2020		3/ENG cabin (202)	PH27038	GA600186	04.2029
15	"VIKING" PV9520 (43kg or more)	ADULT	7001238418	03.2015		03.2020		4/ENG cabin (201)	PH27038	GA600026	04.2029
16	"VIKING" PV9520 (43kg or more)	ADULT	7001238521	03.2015		03.2020			PH27038	GA604992	04.2029
17	"VIKING" PV9520 (43kg or more)	ADULT	7001238524	03.2015		03.2020			PH27038	GA604811	04.2029
18	"VIKING" PV9520 (43kg or more)	ADULT	7001238522	03.2015		03.2020		EL/ENG cabin (207)	PH27038		04.2029
19	"VIKING" PV9520 (43kg or more)	ADULT	7001238526	03.2015		03.2020		Bossun cabin (104)	PH27038	GA604783	04.2029
20	"VIKING" PV9520 (43kg or more)	ADULT	7001238533	03.2015		03.2020			PH27038	GA600034	04.2029
21	"VIKING" PV9520 (43kg or more)	ADULT	7001238516	03.2015		03.2020			PH27038	GA603170	04.2029
22	"VIKING" PV9520 (43kg or more)	ADULT	7001238537	03.2015		03.2020		AB#1 cabin (106)	PH27038	GA603367	04.2029
23	"VIKING" PV9520 (43kg or more)	ADULT	7001238511	03.2015		03.2020		AB#2 cabin (109)	PH27038	GA604706	04.2029
24	"VIKING" PV9520 (43kg or more)	ADULT	7001238649	03.2015		03.2020			PH27038	GA600197	04.2029
25	"VIKING" PV9520 (43kg or more)	ADULT	7001238544	03.2015		03.2020			PH27038	GA604874	04.2029
26	"VIKING" PV9520 (43kg or more)	ADULT	7001238423	03.2015		03.2020		AB#3 cabin (110)	PH27038	GA603477	04.2029
27	"VIKING" PV9520 (43kg or more)	ADULT	7001238653	03.2015		03.2020		Motorman #1 cabin (103)	PH27038	GA603303	04.2029
28	"VIKING" PV9520 (43kg or more)	ADULT	7001238604	03.2015		03.2020			PH27038	GA604922	04.2029
29	"VIKING" PV9520 (43kg or more)	ADULT	7001238568	03.2015		03.2020			PH27038	GA603113	04.2029
30	"VIKING" PV9520 (43kg or more)	ADULT	7001238532	03.2015		03.2020		Passenger's cabin #1 (101)	PH27038	GA600011	04.2029
31	"VIKING" PV9520 (43kg or more)	ADULT	7001238422	03.2015		03.2020			PH27038	GA603570	04.2029
32	"VIKING" PV9520 (43kg or more)	ADULT	7001238568	03.2015		03.2020			PH27038	GA603483	04.2029
33	"VIKING" PV9520 (43kg or more)	ADULT	7001238498	03.2015		03.2020		Deckman's cabin #3 (105)	PH27038	GA603197	04.2029
34	"VIKING" PV9520 (43kg or more)	ADULT	7001238603	03.2015		03.2020			PH27038	GA603316	04.2029

Date: 04.10.2025

Incoming Master:

Outgoing Master:

85	"VIRING" P45520 (43kg or more)	ADULT	7001238665	03.2015		03.2020		PH27008	GA603581	04.2029
30	"VIRING" P45520 (43kg or more)	ADULT	7001238535	03.2015		03.2020		PH27038	GA603721	04.2029

Date: 04.10.2025

Incoming Master:

Outgoing Master:

37	"VIKING" PV9520 (43kg or more)	ADULT	7001236666	03.2015		03.2020		Cook cabin (111)	PH2703B	GA803052	04.2029
38	"VIKING" PV9520 (43kg or more)	ADULT	7001236659	03.2015		03.2020			PH2703B	GA803988	04.2029
39	"VIKING" PV9520 (43kg or more)	ADULT	7001236546	03.2015		03.2020		Steward cabin (105)	PH2703B	GA803540	04.2029
40	"VIKING" PV9520 (43kg or more)	ADULT	7001238960	03.2015		03.2020			PH2703B	GA804886	04.2029
41	"VIKING" PV9508 (15-43kg)	CHILD	7001254894	03.2015		03.2020			PH2703B	GA803141	04.2029
42	"VIKING" PV9508 (15-43kg)	CHILD	7001254896	03.2015		03.2020		Main deck, stn, deck more	PH2703B	GA803489	04.2029
43	"VIKING" PV9508 (15-43kg)	CHILD	7001254895	03.2015		03.2020			PH2703B	GA803228	04.2029
44	"VIKING" PV9508 (15-43kg)	CHILD	7001254897	03.2015		03.2020			PH2703B	GA803117	04.2029

1	Life vest 11 pcs			Main Deck		
2	Inflatable Life Jackets 3pcs			Deck No 2 red box		Manufacture date of expired 12.2027
3	Inflatable Life Jackets 4pcs			Bridge P/S		Received 17.04.2024
4	Life Jacket rescue-dan wr2 with large clip (AS WORKING JACKET) 2pcs			Bridge P/S		

Date: 04.10.2025

Incoming Master:

Outgoing Master:

Date: 04.10.2025

Incoming Master:

Outgoing Master:

Number	Model/Type	Manufacture	Next air pressure test	Location	S/N:
1	VIKING "UNIVERSAL"	05.2015	04.02.2029	Wheelhouse	11895469
2	VIKING "UNIVERSAL"	05.2015	04.02.2029		11895523
3	VIKING "UNIVERSAL"	05.2015	04.02.2029		11895468
4	VIKING "PS2014"	11.2014	04.02.2029	ECR	11841750
5	VIKING "PS2014"	12.2014	04.02.2029		11848646
6	VIKING "PS2014"	12.2014	04.02.2029		11848581
7	VIKING "UNIVERSAL"	05.2015	04.02.2029	Muster station	11848646
8	VIKING "PS2014"	11.2014	04.02.2029		11841842
9	VIKING "PS2014"	12.2014	04.02.2029		11848526
10	VIKING "PS2014"	11.2014	04.02.2029	CH/OFF cabin	11841800
11	VIKING "PS2014"	12.2014	04.02.2029	2/OFF cabin	11848629
12	VIKING "PS2014"	12.2014	04.02.2029		11848563
13	VIKING "UNIVERSAL"	05.2015	04.02.2029		11895501
14	VIKING "PS2014"	12.2014	04.02.2029	3/OFF cabin	11848516
15	VIKING "PS2014"	12.2014	04.02.2029		11848554
16	VIKING "PS2014"	11.2014	04.02.2029		11841762
17	VIKING "PS2014"	12.2014	04.02.2029	2/ENG cabin	11848538
18	VIKING "PS2014"	12.2014	04.02.2029	3/ENG cabin	11848566
19	VIKING "PS2014"	12.2014	04.02.2029		11848584
20	VIKING "PS2014"	12.2014	04.02.2029		11848511
21	RONGSHENG	12.2014	04.02.2029	EL/ENG cabin	2401376
22	VIKING "PS2014"	11.2014	04.02.2029	Bosun cabin (104)	11841806
23	VIKING "PS2014"	11.2014	04.02.2029		11841801
24	VIKING "UNIVERSAL"	05.2015	04.02.2029		11895520
25	VIKING "PS2014"	11.2014	04.02.2029	AB #1 cabin (103)	11841824
26	VIKING "PS2014"	12.2014	04.02.2029		11848585
27	VIKING "PS2014"	12.2014	04.02.2029		11848573
28	VIKING "UNIVERSAL"	05.2015	04.02.2029	AB #2 or Pax cabin #2 (102)	11895498
29	VIKING "UNIVERSAL"	05.2015	04.02.2029		11895480
30	VIKING "PS2014"	11.2014	04.02.2029		11841170
31	VIKING "UNIVERSAL"	05.2015	04.02.2029		11895495
32	VIKING "PS2014"	12.2014	04.02.2029		11848663
33	VIKING "UNIVERSAL"	05.2015	04.02.2029	Motorman #1 cabin (109)	11895472
34	VIKING "PS2014"	12.2014	04.02.2029		11848653
35	VIKING "UNIVERSAL"	05.2015	04.02.2029		11895534
36	VIKING "UNIVERSAL"	05.2015	04.02.2029	Pax cabin #1 (101)	11895492
37	VIKING "UNIVERSAL"	05.2015	04.02.2029		11895451
38	VIKING "PS2014"	11.2014	04.02.2029		11841803
39	VIKING "UNIVERSAL"	05.2015	04.02.2029		11895481
40	VIKING "UNIVERSAL"	05.2015	04.02.2029	AB #4 or Pax cabin #2 (105)	11895452
41	VIKING "PS2014"	11.2014	04.02.2029		11841813
42	VIKING "PS2014"	11.2014	04.02.2029		11841820
43	VIKING "UNIVERSAL"	05.2015	04.02.2029	Steward cabin (111)	11895546



9. RESCUE BOAT

RESCUE BOAT CHARACTERISTICS

Type	JYB55KR
Date of construction	Aug-15
Serial Number	JYB55KR15005
Capacity	6 persons
Dimensions	Length = 5.30m - Width = 1.86m - Depth = 0.90m
Weight	2190 Kg
Towing force	5400kN-550 KG

PROPULSION CHARACTERISTICS

Maker	YANMAR
Type	4LHA-HTP
Date of manuf.	Aug-15
Serial Number	3436
HP	40
KW	118KW
Weight	365KG
Reservoir Gasoline	150LTR

Outboard engine test : Satisfactory tested on weekly basis

Rescue boat davit Wire

Length = 32m

Diameter = 18mm

Next replacement wire 26/03/2026

	Item	No	Remarks
1	Dry powder extinguisher 2 KGS ABC	1	good condition
2	Spanch	1	good condition
3	Recovery line with buoy	2	good condition
4	Embarkment ladder with 3 steps	1	good condition
5	Mirror		
6	Safety knife	1	good condition
7	Radar reflector	1	good condition
8	Thermal protective aid	2	good condition
9	Torch with 2 batteries LR 20+ spare batteries	2	good condition
10	First aid kit "Rongsheng"	1	01-Apr-2026 exp. date
11	Magnetic compass	1	good condition
12	Axe	1	good condition

13	Whistle	1	good condition
14	Battery, 12V	2	good condition
15	Charge cable	1	good condition
16	Search light	1	good condition
17	Manual water pump	1	good condition
18	Rope	1	good condition
19	Forward painter with 1 thimble eye and schakle	1	good condition
20	Sea anchor with rope	1	good condition
21	Hook	1	good condition
22	Bucket 10L (green)	1	good condition
23	Navigation light housing	1	good condition
24	VHF	1	good condition



10. LIFE RAFTS

HYDROSTATIC RELEASE UNIT										
No	Location	Type	Capacity	Serial No	Manufacture date	Next inspection	Model	Date Manufac.	Serial Number	Exp Date
2		20 DK+	20	11541721	Oct-19	Nov-25	HRU-1R	Apr-23	230047	Nov-25
4		20 DK+	20	12468398	Oct-19	Nov-25	HRU-1R	Apr-23	230048	Nov-25
6		20 DK+	20	12468400	Oct-19	Nov-25	HRU-1R	Apr-23	230062	Nov-25
1		20 DK+	20	12468402	Oct-19	Nov-25	HRU-1R	Apr-23	230044	Nov-25
3		20 DK+	20	12468401	Oct-19	Nov-25	HRU-1R	Apr-23	230052	Nov-25
5		20 DK+	20	12468397	Oct-19	Nov-25	HRU-1R	Apr-23	230050	Nov-25

CHARACTERISTICS OF LIFERAFTS :

Maximum Height of stowage - 25 m
Length of Painter - 30 m
Manufacturer - Viking

CHARACTERISTICS OF HYDROSTATIC RELEASE UNITS :

Release Depth : 1.5-6 m
Manufacturer : NINGBO CHANG ELECTRONIC

Remark	Last Servicing done on 07.11.2024 at Latsum by Ship Marine
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Note: Received 25.02.2025 @ Singapore 6 New Hydrostatic release unit + A bundle of wire with 6 stainless steel clips Located in safety store Stbd Side Deck level 1

Date: 04.10.2025

Incoming Master:

Outgoing Master:

M/V SPEC NICHOLE



IDENTIFICATION CODE 4F84083560FFBFF

MODEL NEB-2000

SERIAL NUMBER EB242252

MAKER NSR marine

HYDROSTATIC RELEASE UNIT 01/01/2026

BATTERY 01/01/2032

LOCATION ON BOARD:

Navigation Bridge Deck outside
PORT Side

NUMBER

1

MONTHLY CHECK : Recorded on GMDSS Logbook

Note: Received 25.02.2025 @ Singapore 1 New Hydrostatic release unit Located in safety store Stbd Side Deck level 1

Date: 04.10.2025

Incoming Master:

Outgoing Master:



12. Bridge safety material inventory

	LOCATION	No.	Serial No.	info
1	FIRE EXTINGUISHER CO2 (5 KG)	2 pcs		
2	FIRE EXTINGUISHER DP (6 KG)	1 pc		
3	SCBA + spare cylinders - PS & STBD red boxes	2 pcs		
4	EEBD - STBD	1 pcs	H873992	
5	EEBD for training - STBD	1 pcs		
6	INFLATABLE LIFEJACKET "RSY-150TS-2" (43kg or more) - PS MIDDLE BOTTOM SHELF RIGHT	4 pcs		
7	LIFEJACKET "VIKING" PV9520 (43kg or more) - PS	2 pcs		
8	Immersion suit VIKING "UNIVERSAL" - PS MIDDLE BOTTOM SHELF RIGHT	2 pcs		
9	SART - PS & STBD	2 pcs		
10	EPIRB - OUTSIDE, DECK 03 PS	1 pc		
11	FIRE FIGHTER UHF PORTABLE RADIO - PS MIDDLE DESK	1 pc		
12	ALDIS LAMP - MIDDLE BOTTOM LEFT SHELF	1 pc		
14	LINE-THROWING APPARATUS - STBD BOTTOM SHELF	1 pc		No expiry
15	LINE-THROWING APPARATUS PROJECTILES - STBD BOTTOM SHELF	4 pcs		No expiry
PYROTECHNICS				

LINE-THROWING APPARATUS Certificate is valid till 10/08/2028

M/V SPEC NICHOLE



	S.A.R.T. No 1	S.A.R.T. No 2
LOCATION	WHEELHOUSE STARBOARD SIDE	WHEELHOUSE PORT SIDE
MARK	JOTRON/TRON AIS-SART	JOTRON/TRON AIS-SART
SERIAL NUMBER	970028892	970028776
MANUFACTURER	JOTRON	JOTRON
BATTERY EXP.	Feb-30	Feb-30

NEW UNIT

Date: 04.10.2025

Incoming Master:

Outgoing Master:



14. RADIOS

VHF GMDSS	MAKER	Serial Number	OBSERVATIONS
1	McMurdo	S/N 0512120097	GOOD CONDITION
2	McMurdo	S/N 0496830203	GOOD CONDITION
3	McMurdo	S/N 0533210029	GOOD CONDITION
		S/N 0548910213	BATTERY CHARGER PINS NEEDS TO BE REPOSITIONED

Spare battery

1	EXP 01/02/2029
2	EXP 01/02/2029
3	EXP 01/02/2029

UHF	MAKER	No	OBSERVATIONS	LOCATION	BATTERY No	Charger SN
1	ADOFENG	S/N 22DM170206368	GOOD CONDITION	ENGINE		
2	ADOFENG	S/N 22DM170206408	GOOD CONDITION	DECK		
3	ADOFENG	S/N 18DM170204145	GOOD CONDITION	BRIDGE		
4	ADOFENG	S/N 22DM170206376	GOOD CONDITION	BOSUN		
5	MOTOROLA	S/N 446TZHB260	GOOD CONDITION	BRIDGE	500003622BC9	23384047
6	MOTOROLA	S/N 446TZK0258	GOOD CONDITION	BRIDGE	500003629E62	22573856
7	MOTOROLA	S/N 672TRCD018	GOOD CONDITION	BRIDGE	HNN9009A	HTN900D

VHF	MAKER	No	OBSERVATIONS	LOCATION	BATTERY No
1	ENTEL HT644	S/N JRO04367	GOOD CONDITION (& ch. 16)	BRIDGE	JRO04494B1

No.	SERIAL NUMBER UHF	SERIAL NUMBER BATTERY	SERIAL NUMBER SPARE BATTERY	LOCATION
1	DPFI01515	DPFI01515B1	JKL52490	BRIDGE
2	DPFI01514	DPFI01514B1	JKL52418	ECR
3	DPFI01513	DPFI01513B1	JKL52486	Main deck, sb/s, deck store
4	DPFI01524	DPFI01524B1	JKL52437	Main deck, sb/s, deck store

No.	SERIAL NUMBER UHF	SERIAL NUMBER BATTERY	SERIAL NUMBER SPARE BATTERY	LOCATION
1	DPAP08313	DPAP08315B1	KKI25050	BOSUN WORKSHOP
2	DPAP08306	DPAP08306B1	KKI25049	BOSUN WORKSHOP
3	DPAP08304	DPAP08304B1	KKI25052	BOSUN WORKSHOP
4	DPAP08310	DPAP08310B1		BOSUN WORKSHOP
5	DPAT09587B1	DPAP08313B1		BRIDGE
6	DPAT09592B1	KKI25051		BRIDGE
7	DPAP08303	KKI25083		BRIDGE
8	DPAT09590	DPAT09590B1		BRIDGE
9	DPAT09588	DPAT09588B1		BRIDGE
10	DPAP08315	DPAP08303B1		BRIDGE



No.	Company	SERIAL NUMBER	LOCATION
1	HuntKey	Y06B2J236T004201	BRIDGE
2		Y06B2J236T006433	BRIDGE
3		Y06B2J236T005046	BRIDGE
4		U12G2J2473001439	BRIDGE
5		U12G2J2473004963	BRIDGE
6		U12G2J2473001820	BRIDGE
7		Y06B2J23310082B1	BRIDGE
8		HKA01212010-3Y	BRIDGE
9	ORIENTAL HERO ELE. FTY	88-125538-B	BRIDGE
10	Power Adapter	BF-1001000	BRIDGE
11		BF-1001000	BRIDGE

2ND DECK

N°	Name	Quantity	
1	Safety goggles	PCS	6
2	Rubber boots long	PAIRS	7
3	Rubber gloves	PAIRS	7
4	Raincoat with hood	PCS	4
5	Sprayer (hand pump) shoulder type 10ltrs	SET	1
6	Cotton rags sterilized	KGS	30
7	Oil absorbent pads	PCS	200
8	Absorbent pellet igneous, rock #1	KGS	50
9	Oil dispersant seacare OSD-2	LTRS	20
10	Shovels	PCS	3
11	Plastic bucket	PC	1
12	Bailer/Scoop	PCS	2
13	Deck brush 300mm w/long handle	PCS	4
14	Rubber squeegee 400mm w/long handle	PCS	4
15	Scupper plugs	PCS	14
16	Organic respirators (with spare cartridges)	PCS	4
17	Absorbent snakes 1-15m	MTRS	30
18	Garbage bags 120ltrs	PCS	20
19	Absorbent boom 3mtrs	PCS	12
20	Chemical protective suits	PCS	4
21	Absorbent spun bound roll	PC	1
22	Absorbent pillows	PCS	20
23	Wilden pump	PCS	1

Last update: 22.08.2025

M/V SPEC NICHOLE



BIN MAIN DECK

N°	Name	Quantity	
1	Oil absorbent pellets	KGS	18
2	Shower plastic	PCS	2
3	Rubber gloves	PCS	5
4	Rubber boots	PAIR	1
5	AB sorbent pad	PCK	1
6	Garbage bag	PCS	50
7	Bailer/Scoop	PC	1
8	Scupper plugs 110mm	PCS	5
9	Scupper plugs 90mm	PCS	6

Last update: 22.08.2025

Date: 04.10.2025

Incoming Master:

Outgoing Master:

16. FIRE GAS DETECTOR

Location		Location of detector	Type	Number
Bridge deck	1	Weelhouse Top Elect.store (MONKEY DECK)	SMOKE	1.-1
		Bridge PS	PUSH BOTTOM	1.-2
	3	Bridge FWD PS	SMOKE	1.-3
	4	Bridge FWD SB	SMOKE	1.-4
		Bridge FWD STBD	PUSH BOTTOM	1.-5
	6	Bridge AFT	SMOKE	1.-6
03 Deck	7	03 Deck , AFT	SMOKE	1.-7
	8	03 Deck, STBD	SMOKE	1.-8
	9	Ladder, bridge-02 deck	SMOKE	1.-9
	10	03 deck, PS	SMOKE	1.-10
		Bridge, centre	PUSH BOTTOM	1.-11
	12	Ladder, 02 deck-01 deck	SMOKE	1.-12
	13	Ladder, 01 deck-main deck	SMOKE	1.-13
		Exitway STBD, Alleyway 02 deck	PUSH BOTTOM	1.-14
	15	Exitway STBD, Alleyway 02 deck	SMOKE	1.-15
02 DECK		Alleyway 02 deck, STBD	PUSH BOTTOM	1.-16
	17	Alleyway 02 deck, STBD	SMOKE	1.-17
	18	Ship office	SMOKE	1.-18
	19	Instrument Room	SMOKE	1.-19
	20	Alleyway 02 deck, PS	SMOKE	1.-20
		Exitway PS, Alleyway 02 deck	PUSH BOTTOM	1.-21
	22	Exitway PS, Alleyway 02 deck	SMOKE	1.-22
	23	Cross-alleyway 02 deck	SMOKE	1.-23
	24	HVAC room (AC room)	SMOKE	1.-24
		HVAC room (AC room)	PUSH BOTTOM	1.-25
		Em.Gen.Room	PUSH BOTTOM	1.-26
	27	Em.Gen.Room	SMOKE	1.-27
	28	Fire Cont.Station Room	SMOKE	1.-28
		Fire Cont.Station Room	PUSH BOTTOM	1.-29
		Hospital (sickbay)	PUSH BOTTOM	1.-30
	31	Hospital (sickbay)	SMOKE	1.-31
	32	Exitway STBD, Alleyway 01 deck	SMOKE	1.-32
		Exitway STBD, Alleyway 01 deck	PUSH BOTTOM	1.-33

		Alleyway 01 deck, STBD	PUSH BOTTOM	1.-34
	35	Alleyway 01 deck, STBD	SMOKE	1.-35
	36	Day room	Thermo 54C	1.-36
	37	Cross-alleyway 01 deck	SMOKE	1.-37
	38	Exitway PS, Alleyway 01 deck	SMOKE	1.-38
		Exitway PS, Alleyway 01 deck	PUSH BOTTOM	1.-39
	40	Alleyway PS, 01 deck	SMOKE	1.-40
		Alleyway PS, 01 deck, FWD	PUSH BOTTOM	1.-41
		Em.exit form Bow thruster room,main deck	PUSH BOTTOM	1.-42
	43	Rope Store	SMOKE	1.-43
	44	Galley	Thermo 84 C	1.-44
	45	Provizion room	SMOKE	1.-45
	46	Laundry room	SMOKE	1.-46
	47	Change room	SMOKE	1.-47
	48	Exitway PS, Alleyway main deck	SMOKE	1.-48
		Exitway PS, Alleyway main deck	PUSH BOTTOM	1.-49
	50	Alleyway main deck, PS	SMOKE	1.-50
		Cross-alleyway main deck	PUSH BOTTOM	1.-51
	52	Alleyway main deck, STBD	SMOKE	1.-52
		Alleyway main deck, STBD	PUSH BOTTOM	1.-53
	54	Mess room FWD	Thermo 54C	1.-54
	55	Mess room AFT	Thermo 54C	1.-55
		Mess room AFT	PUSH BOTTOM	1.-56
	57	Deck store	SMOKE	1.-57
	58	Paint store	SMOKE explode	1.-58
	59	Hyd.Pack.Room	SMOKE	1.-59
	60	Bow thruster room Mezz Deck	SMOKE	2.-1
	61	Bow thruster room bottom	SMOKE	2.-2
		Bow thruster room bottom	PUSH BOTTOM	2.-3
	63	Shaft E.R 01 deck	SMOKE	2.-4
	64	ME#1 ER,above airway	SMOKE	2.-5
	65	Air copmartment 1, 2	SMOKE	2.-6
	66	Eng.Room, Mezz Deck, VRU sensors	SMOKE	2.-7
		E.R, Mezz DECK, PS, near transf.	PUSH BOTTOM	2.-8
	68	ER Workshop	SMOKE	2.-9
	69	ER Workshop	TIMER	2.-10
	70	ME# 2 ER,above airway	SMOKE	2.-11

Date: 04.10.2025

Incoming Master:

Outgoing Master:

74	ER, AHU compressors	SMOKE	2.-12
72	ECR	SMOKE	2.-13
	ECR	PUSH BOTTOM	2.-14
74	ER, Tank top deck, FWD, centre	SMOKE	2.-15
75	Shaft generator № 1	SMOKE	2.-16
	ER, Tank top deck, near ladder	PUSH BOTTOM	2.-17
77	ER, Lub Oil separator	SMOKE	2.-18
78	Shaft generator № 2	SMOKE	2.-19
	Passageway, SB, FWD	PUSH BOTTOM	2.-20
80	Passageway, SB, FWD	SMOKE	2.-21
81	Passageway, SB, AFT	SMOKE	2.-22
82	Cargo oil pump space, SB	SMOKE	2.-23
	Cargo oil pump space, SB	PUSH BOTTOM	2.-24
84	Above Bulk № 2, FWD, SB	SMOKE	2.-25
85	Between Bulk № 3-4, Above	SMOKE	2.-26
86	Stern thruster room, top	SMOKE	2.-27
	Steering Gear RM, SB, Emerg exit	PUSH BOTTOM	2.-28
88	Steering Gear RM, SB St.gear	SMOKE	2.-29
89	Steering Gear RM, SB St.gear	SMOKE	2.-30
	Steering Gear RM, PS, Emerg exit	PUSH BOTTOM	2.-31
91	Stern thruster room, bottom	SMOKE	2.-32
	Steering Gear RM, FWD	PUSH BOTTOM	2.-33
93	Above Bulk № 1, FWD, PS	SMOKE	2.-34
	Cargo oil pump space, PS	PUSH BOTTOM	2.-35
95	Cargo oil pump space, PS	SMOKE	2.-36
96	Passageway, PS, AFT	SMOKE	2.-37
97	Passageway, PS, FWD	SMOKE	2.-38
	Passageway, PS, FWD	PUSH BOTTOM	2.-39
	ME № 1, Upper Space	FLAME SENSOR	3.-1
100	ME № 1, Upper Space	SMOKE	3.-2
101	ME № 2, Upper Space	SMOKE	3.-3
	ME № 2, Upper Space	FLAME SENSOR	3.-4
103	AG № 2, (HAJ AJ)	SMOKE	3.-5
	AG № 2, (HAJ AJ)	FLAME SENSOR	3.-6
	AG № 1, (HAJ AJ)	FLAME SENSOR	3.-7
106	AG № 1, (HAJ AJ)	SMOKE	3.-8
	Fuel Oil separator	FLAME SENSOR	3.-9
	Fuel Oil separator	SMOKE	3.-10

M/V SPEC NICHOLE**17. FLAGS**

Country	Quantity
ANGOLA	1 pc
BENIN	2 pcs
CAMEROON	1 pc
GABON	1 pc
REP. OF GUINEA	1 pc
INDONESIA	1 pc
LIBERIA	4 pcs
MADAGASCAR	1 pc
MALAYSIA	1 pc
NAMIBIA	2 pcs
NIGERIA	1 pc
REP. OF CONGO	2 pcs
SOUTH AFRICA	1 pc
SOUTH KOREA	2 pcs
VIETNAM	1 pc
CHINA	1 pc
GHANA	3 pcs
TOGO	1 pc
THAILAND	1 pc
SPAIN	1 pc

A	1 pc
B	4 pcs
C	1 pc
D	1 pc
E	1 pc
F	1 pc
G	2 pcs
H	2 pcs
I	1 pc
J	1 pc
K	1 pc
L	1 pc
M	1 pc
N	1 pc
O	1 pc
P	2 pcs
Q	3 pcs
R	1 pc
S	1 pc
T	1 pc
U	1 pc
V	1 pc
W	1 pc
Y	1 pc
Z	1 pc

1	1 pc
2	1 pc
3	1 pc
4	1 pc
5	1 pc
6	1 pc
7	1 pc
8	1 pc
9	1 pc
1st SUB	1 pc
2nd SUB	1 pc
3rd SUB	1 pc

Last update: 09.09.2025

Date: 04.10.2025

Incoming Master:

Outgoing Master:



18. LIST OF LOG BOOKS ON BOARD

BALLAST WATER RECORD BOOK	~8 months	3	Liberian
COMPASS OBSERVATION BOOK	~6 years	1	
GMDSS RADIO LOG BOOK	~9 months	6	
OPERATIONAL/SAFETY CHECK LIST	1 year	2	Liberian
GARBAGE RECORD BOOK	~1 year	4	Liberian
SHIPPING ARTICLE OF AGREEMENT	~6 months	3	Liberian
OIL RECORD BOOK	~6 months	5	Liberian
RADAR LOG BOOK	~2 years	8	
BRIDGE NIGHT ORDER BOOK	1 month and 6 days	5	
LOG BOOK DECK	3 months	1	
CHIEF ENGINEER LOG BOOK	~6 months	3	
MEDICAL LOG BOOK	~9 months	2	
CHRONOMETR RATE BOOK	3 years	1	
OFFICIAL GMDSS LOG BOOK	~7 months	3	Liberian
OFFICIAL LOG BOOK	1 year	1	Liberian

Last update: 19/09/2025

Date: 04.10.2025

Incoming Master:

Outgoing Master: