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Report No. : 507/6038439
Client's Reference : Admiralty In Rem No. : HC/ADM 33/2025
Warrant of Arrest No. : HC/WA 5/2025
Instructions : 7th October 2025
Date of Report : 17th October 2025

SPEC NICHOLE

GENERAL CONDITION REPORT



Prepared for:

**Sheriff's Office
Supreme Court
1 Supreme Court Lane
Singapore 178879**

Attention: Mr. Michael Koh



This is to certify that at the request of the Sheriff Office, Supreme Court of Singapore, we have attended on board the steel-built, twin screw, offshore tug/ supply vessel

SPEC NICHOLE

IMO No. 9701126 of LIBERIA

whilst the vessel lay afloat in a ballast condition at Western Anchorage (AWW), Singapore on 8th October 2025 for the purpose of conducting a General Condition and Appraisal of the vessel and have to report as follows:

1. GENERAL PARTICULARS

Name of vessel	: SPEC NICHOLE ex KATUN
Call Sign	: D5HX8
Flag/ Port of Registry	: Liberia/ Monrovia
Owners	: SPEC 3 Ltd
Managers	: ABC Maritime AG
Type	: Offshore tug/ Supply Vessel (AHTS) DP2
Built	: 2016
Builder	: Zhejiang Ship building, China (Sinopacific Shipbuilding Group)
Class	: Bureau Veritas BV
Service Speed	: 9.0 knots
Bollard Pull	: 150 MT

Dimensions:

Length Overall	: 72.00 m
Length BP	: 65.72 m
Breadth moulded	: 17.20 m



Depth moulded : 7.80 m

Draught : 6.30 m

Tonnages:

GT : 2,721

NT : 1,010

DWT : 2,881

Capacity:

Dry bulk (Cement) : 175 m³

ORO : 1,077 m³

Foam : 22 m³

Diesel Oil (MGO) : 942 m³

Ballast : 1,188 m³

Fresh Water : 597 m³

Main Engine(s) specifications:

2 x Rolls Royce Bergen model B32 40L9PCD, inline 9-unit, turbocharged, 4 stroke, medium speed diesel engine with a maximum power output of 4,500 kW @ 750 rpm each coupled to a ROLLS ROYCE Marine AS reduction gear model 850 AGHC13S00059311.

The above is coupled to 2 nos. ROLLS ROYCE Bergen shaft generator type MJBM 500 SC4 B3 with a output of 1,875 kVA, 440V, 2,460 A, 60 Hz, PF-0.8 and 1800 rpm.

2. SURVEYOR'S NOTE

In this report the following nomenclature is used to describe the condition of items and components:

Good: Condition superior in all respects or better than average, a condition unimpaired original strength and/or efficiency, no maintenance and/ or repair is required.



Satisfactory: Condition average, deficiencies of a minor nature not requiring correction: a condition of wear and tear of such an extent as not to affect original strength and/or efficiency.

Serviceable: Condition below average, condition of wear and tear found to be of such an extent as to reduce strength and/or efficiency to a degree which does not require immediate corrective measures.

Unsatisfactory: Condition below average, condition of wear and tear found to be of such an extent as to reduce strength and/or efficiency to a degree which requires immediate corrective measures, or those carrying a period of grace as granted by regulatory bodies.

Poor: Condition deteriorated in all respects, beyond economical repair, requiring renewal or replacement.

3. SURVEY

The vessel was surveyed on 8th October 2025 whilst she lay afloat to starboard anchor at Western Anchorage (AWW), Singapore. At the time of our attendance, she was in a ballast condition, secured to her portside anchor and floating with even keel drafts of 4.6 m forward and aft. The vessel was manned by court appointed crew (5 persons) from Sri Lanka.

4. HULL EXTERNAL PLATING

Port and starboard shell plating from sheer strake to light waterline level were noted in good condition and free of contact damage. The bulbous bow, the transom plating and stern ramp/door were all found in good condition. The rudder and the propeller were submerged and could not be seen.

Hull plating paintwork on port and starboard sides was in general good condition and all symbols, plimsoll and draft marks were well visible.



5. FORE DECK

The main deck (forward) deck bulwark plating with connecting stays, air pipes, forward mooring bits, roller/universal fairleads etc. were all noted intact, in good condition and well coated. 1 no. double sprocket electro-hydraulic anchor windlasses with warping drums were intact and in good condition. The forward deck consists of fairlead rollers, double bitts, ventilation heads and Panama chocks which were in good condition and labelled for their individual SWL. The forward deck plating was good and also well painted.

The forward deck is accessed via the accommodation structure, through a weathertight door.

6. DECK STORE

The forward bosun store space was in good condition.

7. MAIN DECK (AFT) PLATING

Main deck (aft) plating was in satisfactory condition and well coated with signs minimal rusting. Shipside handrails and fittings were found in good condition and well painted.

The aft deck fittings consist mooring bitts, roller/universal fairleads, air and sounding pipes etc. were found intact and in good condition.

8. CARGO GEAR

The vessel is fitted with the following:

CRANE	1x 2.0 mT @ 3-16 m outreach, Palfinger telescopic
CAPSTANS	2 x 8 t hydraulic, vertical
TOWING/AH WINCH	I.P.Huse A/S Water fall type - Line Pull 250 Tons@ 7m/mn— Brake Holding 450 Tons
TOWING/AH WINCH CAP	Tow wire L = 1200 m diam 76 mm // AH wire L=1180 m diam 76mm
SPARE REEL	Spare Tow wire L= 1000m diam 76mm
CHAIN STOPPER	1 x 220 m, 1 x 247,5 m
TOWING PINS	1 set x 400 Tons
SHARK SHAWS	1 set x 400 Tons
TUGGER WINCHES	2 x 10 mT Mentrade hydraulic
STERN ROLLER	MWL-400t, L -4.0m x D 2,5m
CHAIN LOCKERS	192 m³
REEFER PLUG ON DECK	TBC

All the above were found in good condition.



9. ACCOMMODATION SPACES

The forward steel accommodation casing, including all surrounding external decks, walkways and fittings, was intact and good and well painted condition. The accommodation structure houses 4 floors (Main Deck, Deck 1, Deck 2 and Wheelhouse Deck).

The vessel has a total carrying capacity of 36 people and been fitted with the following living quarters:

- 6 x 1-man cabins
- 11 x 2-man cabins
- 2 x 4-man cabins
- 1 x hospital (sick bay)

Other spaces within the accommodation superstructure include the following:

02 DECK	CHIEF 1M INSTRUMENT RM HAVC RM	CAPTAIN 2 M OFFICE STORE
01 DECK	2 M DAY RM PUBLIC TOILET SAFTY LOCKER FIRE CON. STATION	PAX-4P SICK BAY EM. GEN. RM CO2 RM
MAIN DECK	CHANGE RM LAUNDRY MESS FREEZER C2H2 PAINT ROPE STORE	LINEN GALLEY DRY STORE REEFER O2 DECK STORE HYD PACK. RM

The accommodation interior flooring, wall paneling, ceiling, lighting, fire-fighting and detection fittings were found in good condition. Officers and crew cabins, and other common areas were very clean and fully air-conditioned and in good condition.



10. LSA & FFA

The vessel is equipped/ fitted with the following:

FIFI 1 SYSTEM	2 x Pumps 1500 m ³ /hr 2 x Fire Monitors Water /-Foam -1200 m ³ / hr + deluge system
LIFE RAFTS	6 x 20 men SOLAS approved type
RESCUE BOAT/DAVIT	1 x 6 men rigid Fast Rescue Craft (Water Jet) / A-frame davit
LIFEJACKETS	44 pcs
LIFEBUOYS	8 pcs
IMMERSION SUITS	43 pcs

- 1) 6 nos. life rafts (20-person capacity) last serviced in November 2024.
- 2) 1 no. rescue boats (6-person capacity) were noted tested (outboard engine) on a weekly basis. Its launch davit on the starboard side of Deck 2 will be required to replace its wire rope on 26th March 2026.
- 3) A total of 43 nos. fire extinguishers ranging from dry powder, CO2, foam and wet chemical were last annually tested in Feb 2025.



4) 44 nos. of lifejackets and 43 nos. of immersion suits. Please see the illustration below:

3. CABIN PLAN + LIFEJACKETS & IMMERSION SUITS LOCATION PLAN			
Total cabins o/b - 19 Maximum POB - 36			
3/O - Visitor (№ 214) LifeJackets = 2 Imm. suits = 2 2/O (№ 213) LifeJackets = 2 Imm. suits = 2 VISITOR (№ 212) LifeJacket = 1 Imm. suit = 1 Master (№ 211) LifeJacket = 1 Imm. suit = 1 Total: LifeJackets = 14 pcs	DECK 02 passage way passage way SB Up stair on the bridge Office № 208 C/O (№ 209) LifeJacket = 1 Imm. suits = 1 Instrument room № 206 ETO (№ 207) LifeJacket = 1 Imm. suit = 1 passage way PS	VISITOR - EMPTY (№ 201) LifeJackets = 2 Imm. suits = 2 3/ENG (№ 202) LifeJackets = 2 Imm. suits = 2 2/ENG (№ 203) LifeJacket = 1 Imm. suit = 1 C/ENG (№ 204) LifeJacket = 1 Imm. suit = 1 Total: Immersion Suits = 14 pcs	
Sick bay (№ 112) AB2 (№ 111) LifeJackets = 2 Imm. suits = 2 COOK # 1 (№ 110) LifeJackets = 2 Imm. suits = 2 MOTORM/OILER # 1 (№ 109) LifeJackets = 2 Imm. suits = 2 Total: LifeJackets = 22 pcs	DECK 01 passage way passage way SB Stairs Day room (№ 107) OS (№ 105) LifeJackets = 2 Imm. suits = 2 PASSANGER (№ 106) LifeJackets = 2 Imm. suits = 2 passage way PS	Pax # 1 (№ 101) LifeJackets = 4 Imm. suits = 4 Pax # 2 (№ 102) LifeJackets = 4 Imm. suits = 4 AB1 (№ 103) LifeJackets = 2 Imm. suits = 2 Bosun (№ 104) LifeJackets = 2 Imm. suits = 2 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	

5) 9 nos. Emergency Escape Breathing Devices will expire by Dec 2029.

The above equipment have been found in good condition and valid for use. Servicing records have been sighted and found to be in order.

11. GALLEY

The galley has been fitted with double-door refrigerator, 1 no. 4-way electric cooking range with exhaust, bread mixer, one rice cooker, one coffer maker, sufficient stainless steel counters tops and cabinets, and two double-sinks.

Galley equipment and space was clean and in good condition.



12. WHEELHOUSE EQUIPMENT

The navigation bridge/wheelhouse was surrounded with a 360 ° window panels which came with pull-down sunshades. The layout consists of forward and aft halves. The forward-facing half houses the vessel's navigation and communications console while the aft half houses the DP operations console. In addition to the above, the wheelhouse office space and pantry were located in the middle of the space.

The wheelhouse was equipped with the following:

	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

Note: All of the above navigation and communications equipment were found in good working condition.



13. MACHINERY SPACE

Propulsion Engines:

2 nos. x 4500 KW Rolls Royce Bergen model B32 40L9PCD, inline 9-unit, turbocharged, 4 stroke, medium speed diesel engine with a maximum power output of 4,500 kW at 750 rpm coupled to a ROLLS ROYCE Marine AS reduction gear model 850 AGHC13S00059311.

The above is coupled to 2 nos. x ROLLS ROYCE Bergen shaft generator type MJBM 500 SC4 B3 with an output of 1,875 kVA, 440V, 2,460 A, 60 Hz, PF-0.8 and 1800 rpm.

The vessel is fitted with 2 nos. x ROLLS ROYCE CPP propellers and 2 nos. ROLLS ROYCE high lift rudders.

Both engines are also coupled to FIFI monitor pumps.

At the time of our survey, Port and Starboard engine running hours and planned maintenance schedule were not available. However, the engines appeared to be fully intact and in good condition. The last documented use of the engines were in May 2025 when the vessel arrived into inner anchorage, Singapore from Batu Ampar Anchorage, Batam.

Power Plant:

2 nos. x CUMMINS Model QSK19-DM turbocharged, 4-stroke diesel engines with a maximum output of 563 kW at 850 rpm directly coupled to STAMFORD model HCM534F1 synchronous generators rated at 644 kVA, 440V, 60Hz, 3-phase, PF-0.8, 1,800 rpm.

At the time of our survey, the Port and Starboard auxiliary engines had been operating for a total of

- 1) 28,532 hours
- 2) 24,635 hours

There were no records of major overhauls or routine maintenance available for our review on board.



During our survey, the Port auxiliary engine was operating at 110 kW load. The starboard engine was noted to be out of order due to her LO cooler being removed from the engine by previous crew. It was noted that the previous crew had ordered spares for the foregoing maintenance which was yet to be received.

At present the vessel is operating with only the port auxiliary engine.

Emergency Generator:

The vessel is equipped with 1 nos. x CUMMINS model 6BT5.9-D(M) high speed diesel engine with a maximum load of 112 kW at 1,800 rpm coupled to a model SHANGHAI KONTUNE model 6BT5.9-D(M) synchronous generator rated at 440V, 3-phase, pf-0.8 162.4 A, 60 Hz at 1,800 rpm. The emergency generator was housed in a separate room on the main deck together with its diesel oil tank and were found in good condition. It has about 88 running hours.

Bow & Stern Thrusters:

The vessel is equipped with:

- 2 nos. ROLLS ROYCE Marine AS bow thrusters.
- 1 nos. ROLLS ROYCE Marine AS stern thrusters.

Above motors and servo units were housed on the mezz deck (aft) steering gear room and tank top deck (fwd) bow thruster room.

Oily Water Separator:

1 nos. x JOWA model 3SEP 15 ppm oily water separator is fitted. The unit was in good condition.

Oil Purifiers:

1 nos. GEA diesel oil purifier and 2 nos. GEA lubricating oil purifiers are fitted. All three oil purifiers were in good condition.

Air Compressors:

Two units electric air compressor were fitted and found in good condition.



Sewage Plant:

1 nos. JOWA sewage treatment plant with a capacity of 40 persons is in good condition.

Main & Auxiliary Cooling Pumps:

Main and auxiliary engines cooling pumps were all noted in good condition with no signs of leakages from mechanical seals.

Switchboard Room:

Main engine control room has the following fittings:

- Central console incorporating propulsion engines starting and pitch control system
- Main engine and auxiliary machinery equipment monitoring system and displays
- Main switchboards and distribution boards.
- Air conditioning unit

All of the above equipment were found in good working condition.

Machinery Space

The machinery space cleanliness is good.

14. SPEED AND CONSUMPTION

Vessel's speed and fuel oil consumption data was not available onboard for our review.

However, based on the ship's particulars, we note the following:

- Max speed @ sea trials- 100%: 16 knots @ 32 m³/ day MGO
- Service & Economical speed- 60%: 9 knots @ 16 m³/ day MGO

15. SURVEY STATUS AND NOTATIONS

The vessel is classed with **BV** rules with the following notation:

BV 1 * HULL *MACH

Unrestricted navigation



**Tug/ Supply vessel oil product FP>60°C and LHNS/ fire-fighting ship 1- water spraying/
special service- anchor handling**

***AUT-UMS/ *DYNAPOS AM/ AT R/ CLEANSHIP/ PROTECTED FO TANK**

- Certificate of Class valid till 29th April 2029
- Class renewal Hull & Machinery valid till 30th April 2024
- Bottom Survey due on 29th April 2024

16. TRADING CERTIFICATES

All trading certificates were sighted with expiry dates as follows:

- Load Line Certificate 29th April 2029
- Safety Construction Certificate 29th April 2029
- Safety Equipment Certificate 29th April 2029
- Safety Radio Certificate 29th April 2029
- Radio Station License 19th March 2028
- IOPP Certificate 29th April 2029
- ISPS Certificate 29th April 2029
- IAPP Certificate 29th April 2029
- Ballast Water Management Certificate 29th April 2029
- MLC certificate 2nd October 2029
- Ship Security Certificate 2nd October 2029
- Safety Management Certificate 2nd October 2029



17. GENERAL COMMENTS

The vessel was found in good condition except for the following:

1. Auxiliary engine no. 2 LO plate-type cooler stack was found dismantled from the engine.
2. Auxiliary engine no. 1 was observed operating with strong blow-by from sump oil dipstick.

18. PHOTOGRAPHS

Photographs taken in the form of digital images, recorded during our attendance, are attached to and form part of this report. The undersigned confirms that the images reproduced here are a fair and reasonable representation of our findings at the time of our attendance.

MALIM ARAFFIZ

Divisional Director

19. ENCLOSURES

Ship Particulars	X
Capacity Plan	X
GA Plan	X
Vessel Certificates	X
Wheelhouse Equipment List	X
Engine Room Equipment List	X
Lub Oil Analysis	X
lub oil and hyd Oil List	X
Lashing Equipment Inventory	X



LSA and FFA Inventory Lists	X
Pilot Card	X
Wheelhouse Poster	X
Rigging Towing Lifting Equipment Inventory	X
Photographs	X
SEAWISE terms and conditions	X

SPEC NICHOLE

AHTS—Anchor Handling - Tug Supply vessel -
DP2/ FIFI 1

BP 150 mt /2881 mt deadweight



NAME : SPEC NICHOLE

TYPE : Anchor Handling Tug Supply (AHTS) DP2

FLAG : LIBERIA

PORT OF REGISTRY : MONROVIA

OFFICIAL NO : 16811

BUILDER'S YARD : Zhejiang Shipbuilding (Sinopacific Shipbuilding Group)

DELIVERED : 2016 HULL n° DY-2003

CALL SIGN : D5HX8

MMSI : 636016811

IMO NO. : 9701126

CLASS SOCIETY : BUREAU VERITAS

CLASS ID NUMBER : TBC

CLASS NOTATION : Tug/Supply vessel FP>60°C and LHNS/ FIFI 1/
Special Service Anchor Handling /✕AUT-UMS/ ✕ DYNAPOS AM-AT
r / CLEANSHIP / PROTECTED FO TANK/ Oil Recovery Ship

DIMENSIONS

LOA	72.00 m
LBP	65.72 m
MOULDED BREADTH	17.20 m
MOULDED DEPTH	7.80 m
DRAUGHT MAX.	6.30 m
DECK AREA	516 m ²

TONNAGE

GT	2721
NT	1010
DECK CARGO	1100 mT
DECK STRENGTH	10 mT/m ²
DEADWEIGHT	2881 mT

MACHINERY / PERFORMANCE

MAXIMUM SPEED @ SEA TRIALS - 100%	16.0 kn— 32 m ³ /day
SERVICE & ECONOMICAL SPEED - 60%	9.0 kn — 16 m ³ /day
BOLLARD PULL CONT.	150 mT
POWER NOMINAL	2 x 4500 kW
MAIN ENGINES	2 x 4500 kW Rolls Royce Bergen B 32: 40L9PCD
ELECTTICAL POWER	440 VAC—60 Hz /230 VAC—60 Hz
	2 x 500 kW Cummins inc., QSK 19
GENERATORS	2 x Shaft Gen. 1.8 MW- MJBM500 SC4
	1x Em. Gen. 99 kW @ 1800 RPM
SIDE BOW THRUSTER	2 x 690 kW Rolls Royce CPP
SIDE STERN THRUSTER	1 x 690 kW Rolls Royce CPP
PROPULSION	2 x CPP, 4500 kW Rolls Royce
RUDDERS	2 x High Lift Rudders Rolls Royce

	VOLUME 100%	DISCHARGE RATE	ACCOMMODATION	
FUEL OIL (MGO)	942 m ³	150 m ³ /hrs@7 bars	6 x 1 MAN CABINS	6
BALLAST WATER	1188 m ³	150 m ³ /hrs@7 bars	11 x 2 MEN CABINS	22
FRESH / POTABLE WATER	597 m ³	150 m ³ /hrs@7 bars	2 x 4 MEN CABINS	8
LIQUID MUD	602 m ³	2 x 100m ³ /hrs@15 bars	1 x 1 Hospital	
DRY BULK (Cement)	175 m ³	2 x 780 m ³ /hrs@6 bars	PEOPLE CAPACITY INCL CREW	Total 36
ORO TANK	1077 m ³			
FOAM TANK	22 m ³			
METHANOL	N/A			

DECK EQUIPMENT

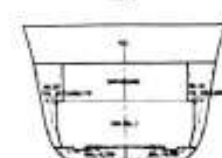
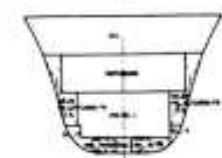
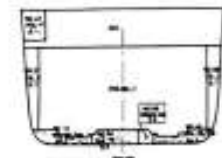
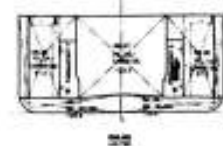
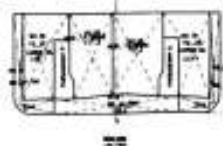
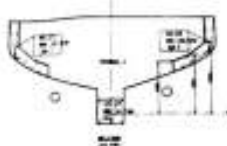
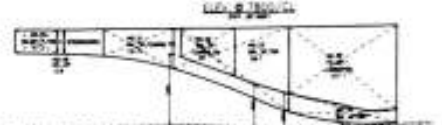
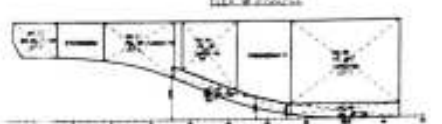
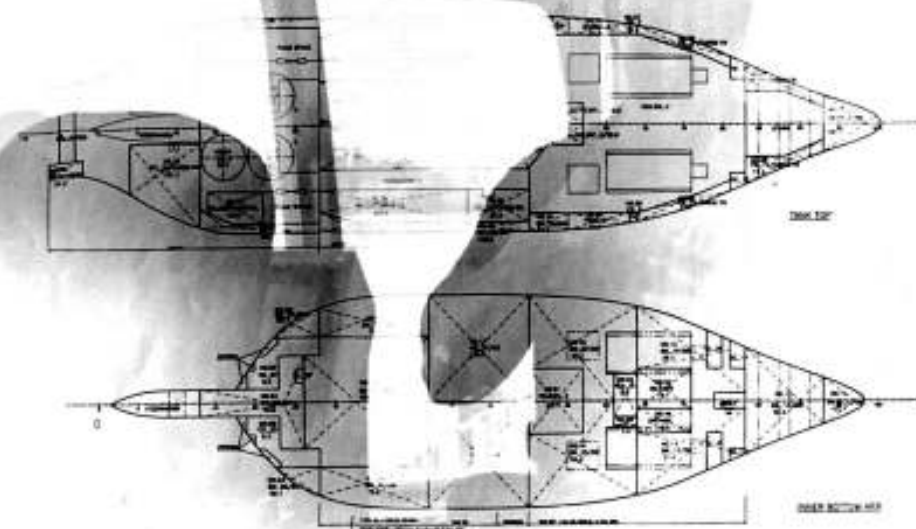
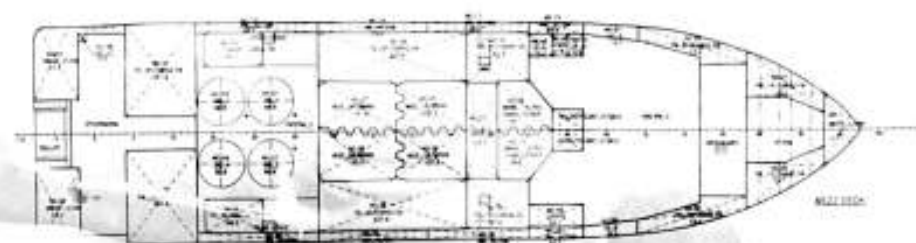
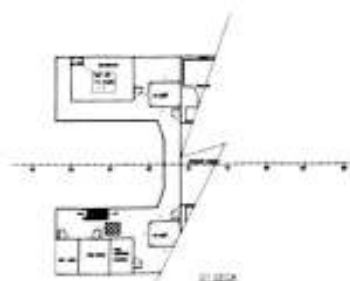
CRANE	1x 2.0 mT @ 3-16 m outreach, Palfinger telescopic
CAPSTANS	2 x 8 t hydraulic, vertical
TOWING/AH WINCH	I.P.Huse A/S Water fall type - Line Pull 250 Tons@ 7m/mn— Brake Holding 450 Tons
TOWING/AH WINCH CAP	Tow wire L = 1200 m diam 76 mm // AH wire L=1180 m diam 76mm
SPARE REEL	Spare Tow wire L= 1000m diam 76mm
CHAIN STOPPER	1 x 220 m, 1 x 247,5 m
TOWING PINS	1 set x 400 Tons
SHARK SHAWS	1 set x 400 Tons
TUGGER WINCHES	2 x 10 mT Mentrade hydraulic
STERN ROLLER	MWL-400t, L -4.0m x D 2,5m
CHAIN LOCKERS	192 m ³
REEFER PLUG ON DECK	TBC

DYNAMIC POSITIONNING

DYNAMIC POSITIONING (DP)	DP 2, Rolls Royce ICON + IJS Joystick
POSITION REFERENCE	2 x DGPS Fugro Seastar/ 1 x Cyscan / 1 x Mini Rada Scan

SAFETY

FIFI 1 SYSTEM	2 x Pumps 1500 m ³ /hr
	2 x Fire Monitors Water /-Foam -1200 m ³ / hr + deluge system
LIFE RAFTS	6 x 20 men SOLAS approved type
RESCUE BOAT/DAVIT	1 x 6 men rigid Fast Rescue Craft (Water jet) / A-frame davit
LIFEJACKETS	44 pcs
LIFEBUOYS	8 pcs
IMMERSION SUITS	43 pcs

[illegible]

MAIN PARAMETER

LENGTH OVERALL	40' 11 3/4"
BREADTH BEHIND	17' 0 1/2"
DEPTH BEHIND	7' 0 1/2"
SCANTLING DRAFT	6' 3 1/2"
BECKING DRAFT	5' 0 1/2"

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
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1		
NO.	DWG No.	TITLE
REFERENCES		
CLIENT:  FEMCO 38 Kuril'skaya St., Yuzhno-Sakhalinsk, 693000, Russia Tel: +7(4242)31-20-60 +7(4242)31-20-61 Fax: +7(4242)31-20-62		APPROVED BY OWNER: FEMCO CLASS: BV PROJECT: SPA150 ANCHOR HANDLING/TUG,SUPPLY VESSEL
DWN: FANG Jing CKD: CHEN Huidi COS: — ACPD: — APVD: — DATE: Feb. 06 2015		DATE — — PHASE: DETAIL DESIGN HULL No.: DY2001/03 TITLE: CAPACITY PLAN 艙容圖 DWG No. SDA806-103-101 SHEET 1 / 1 WEIGHT — SCALE 1/150 DESIGNER:  SHANGHAI DESIGN ASSOCIATES 3F, Oriental Business Building, No.588 Panyu Road, Changning District, Shanghai, China 200052 Email: SDA@shinopacific.com.cn Tel: +86-21-61576388 Fax: +86-21-61576388

 FORMAT: A0-841x1189 AREA: 1.00m²

BUREAU VERITAS Register : 24997X,25166G

FOR REFERENCE

See report no. CPO/15136/STA

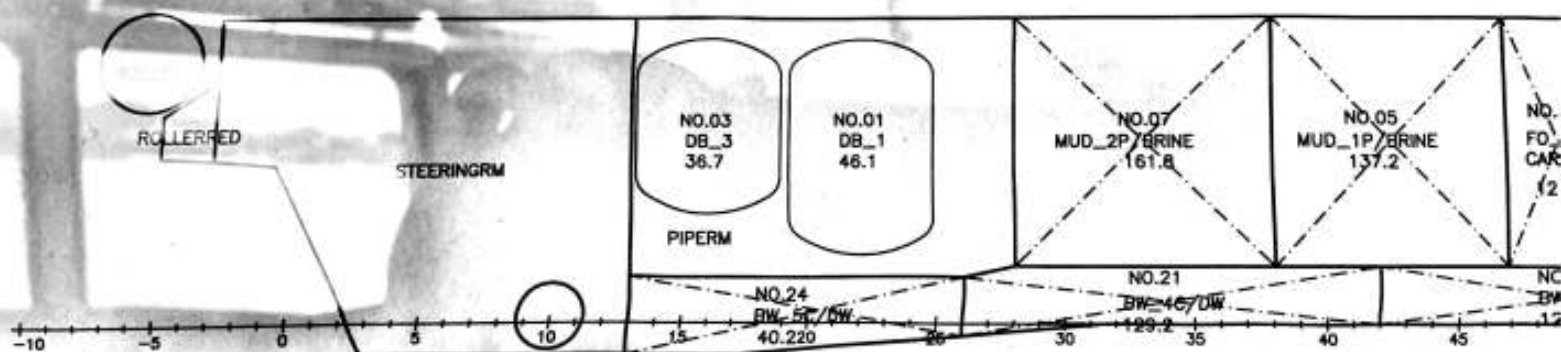
Shanghai, 28-Apr-2015

(Electronic document)

Accepted on behalf of the Flag of LIBERIA at the
time of change Flag based on the approval from (or
behalf of former Flag) RUSSIAN FEDERATION



2015-4/2015



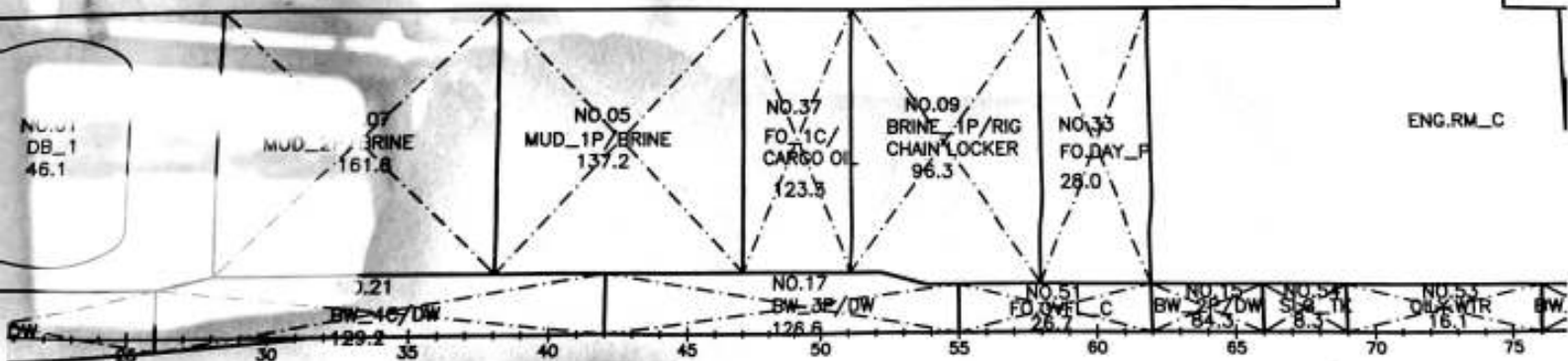
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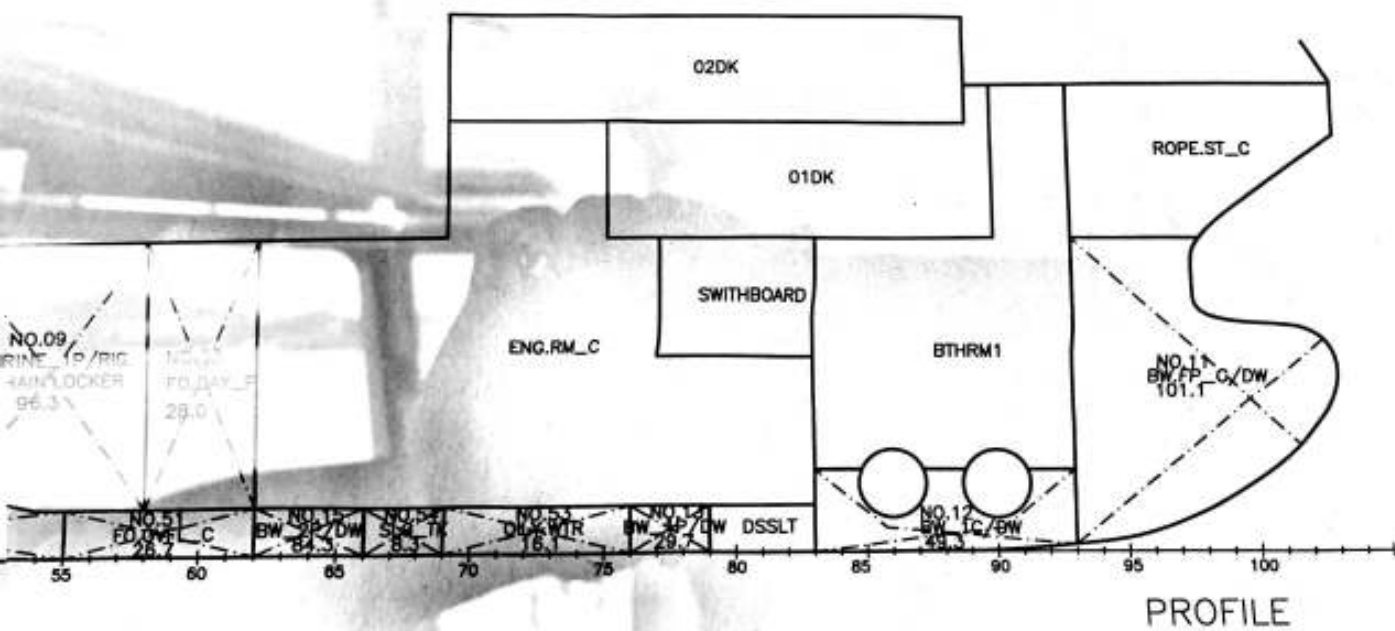
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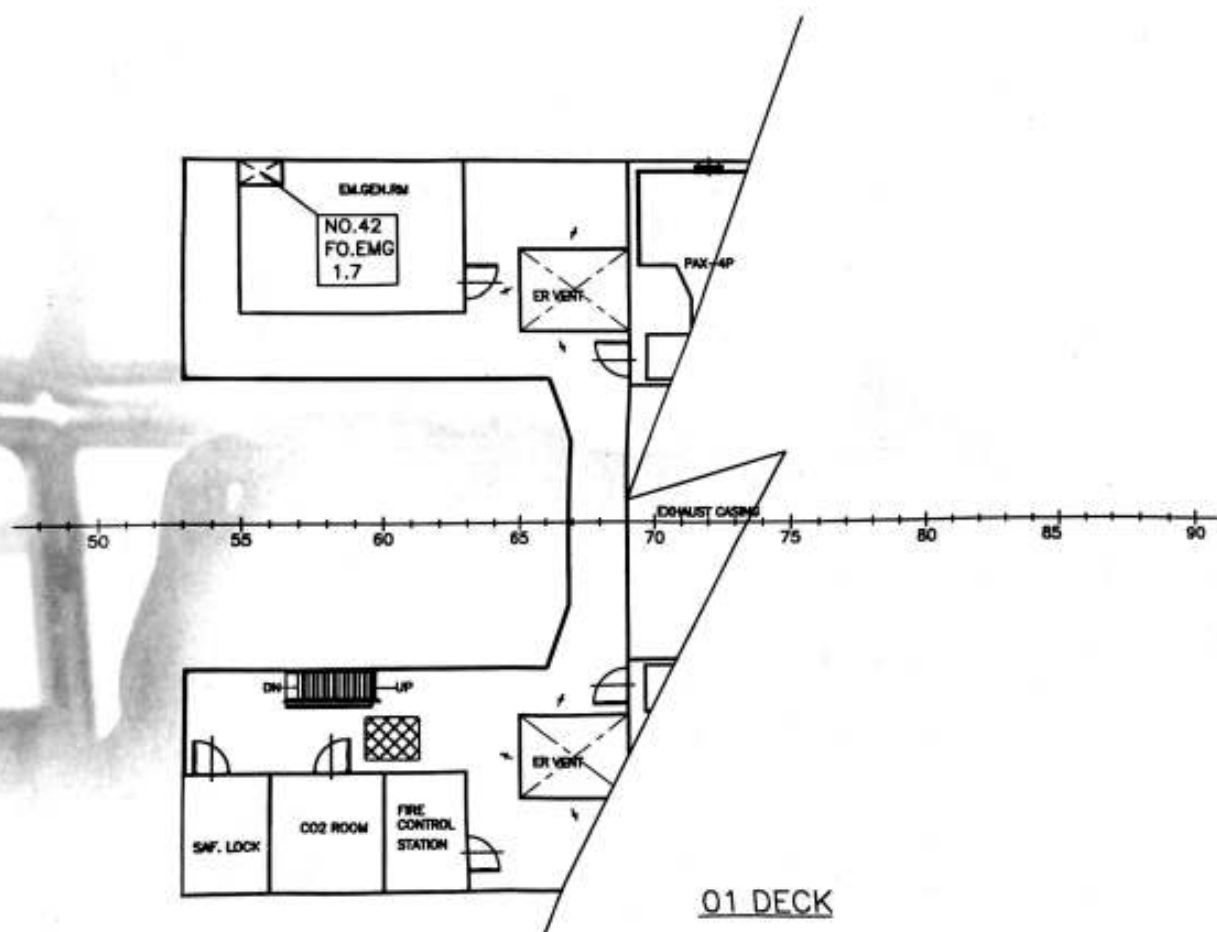
Accepted on behalf of the Flag of **LIBERIA** at the
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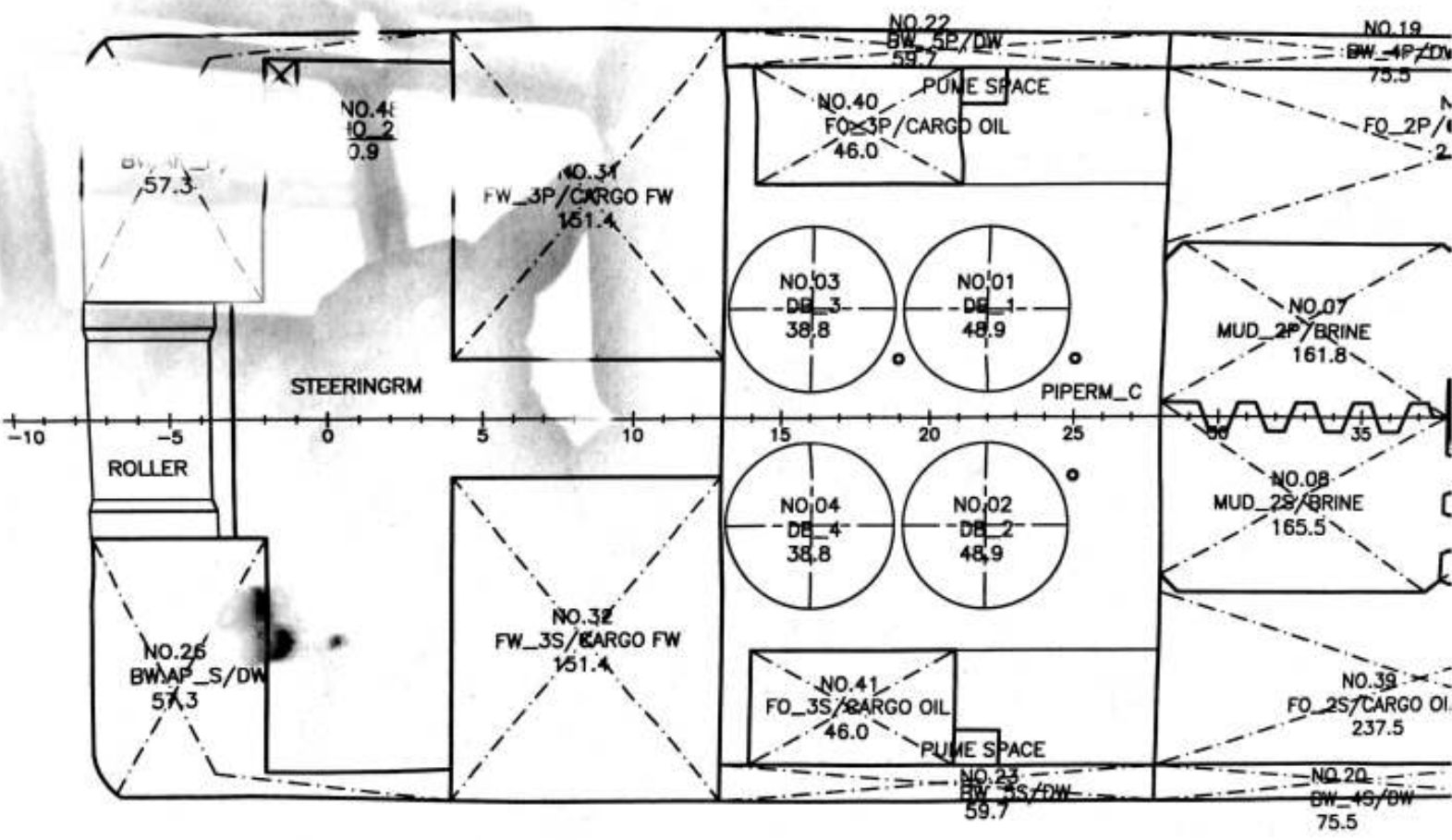


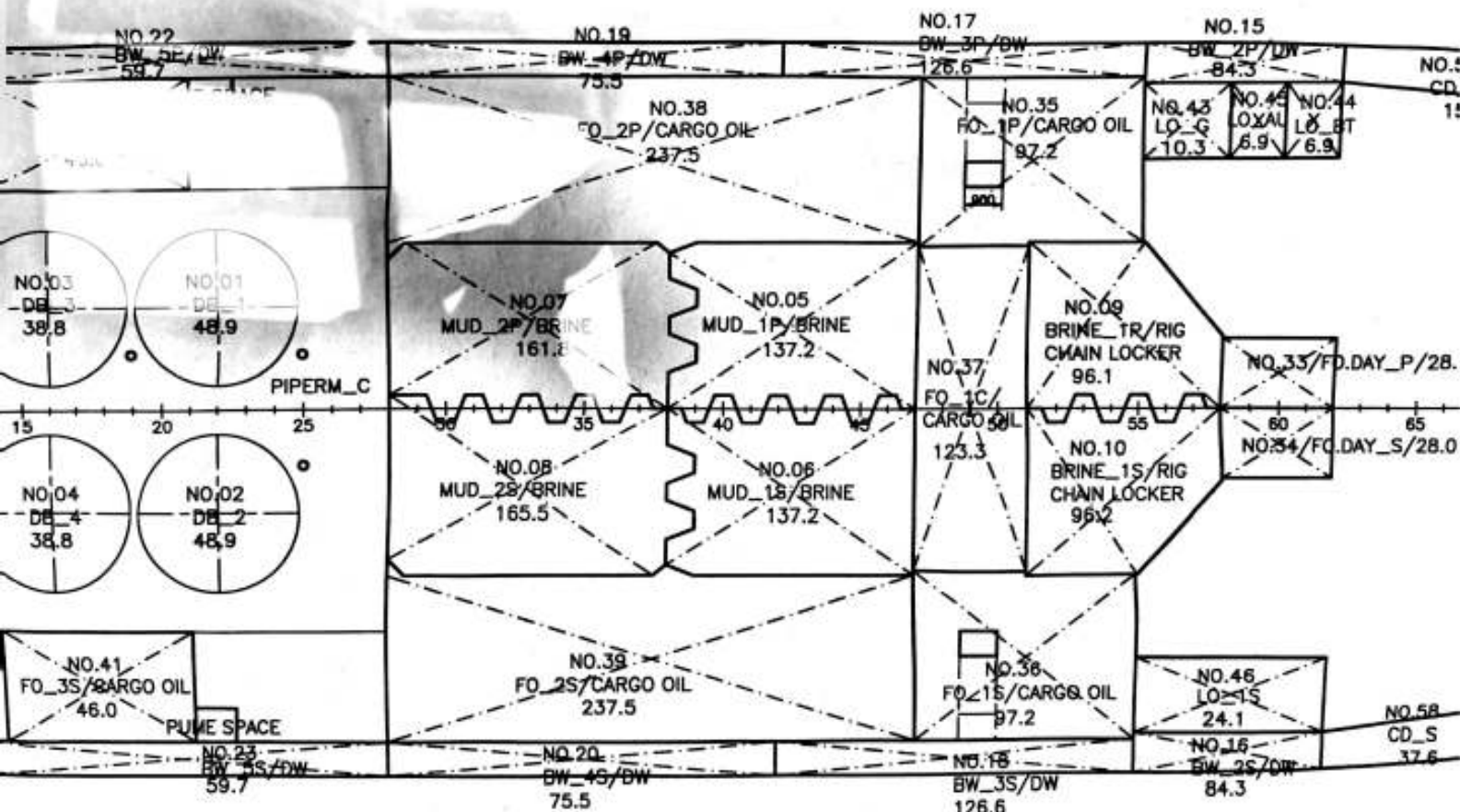
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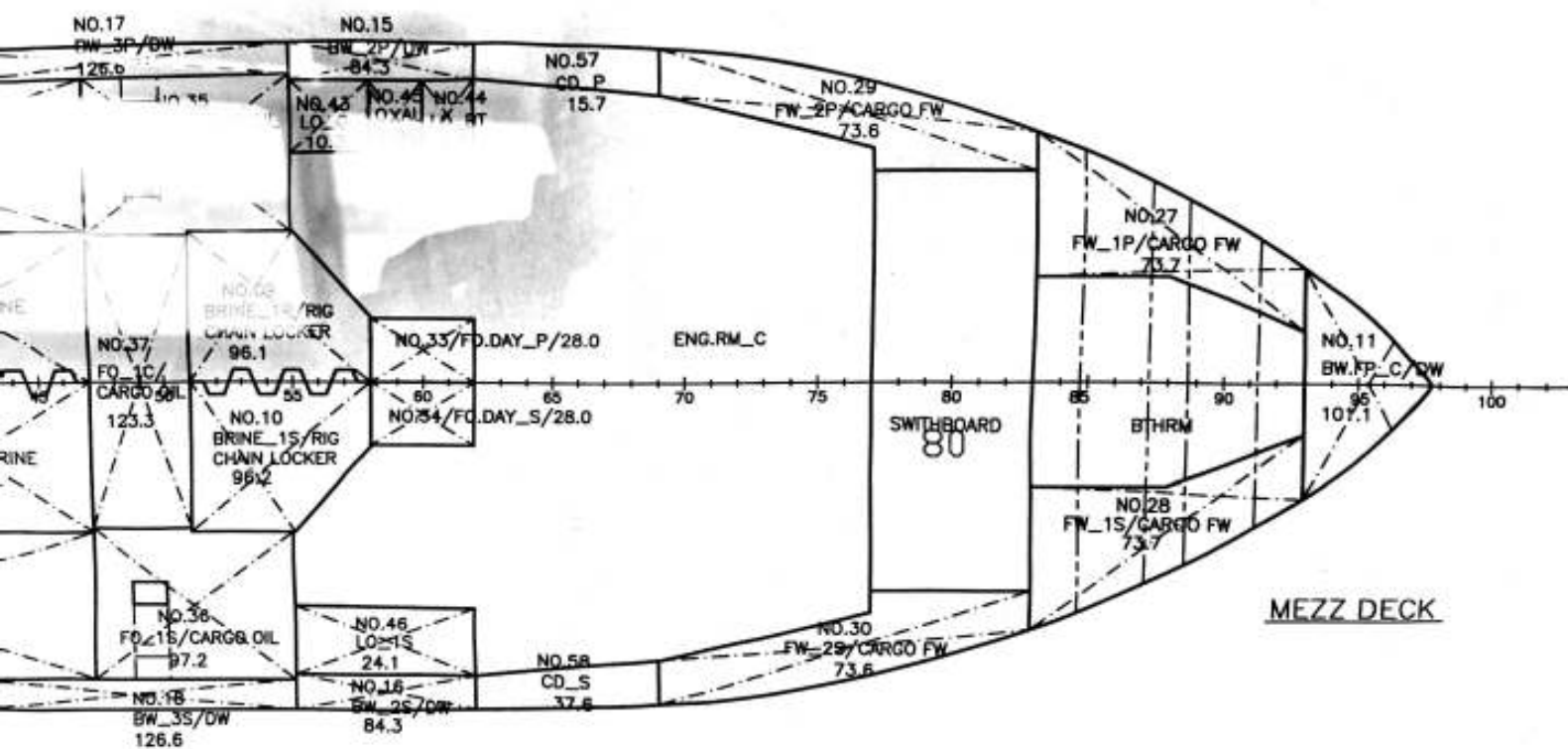


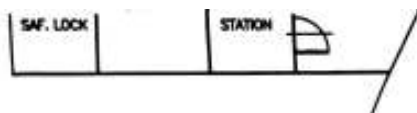




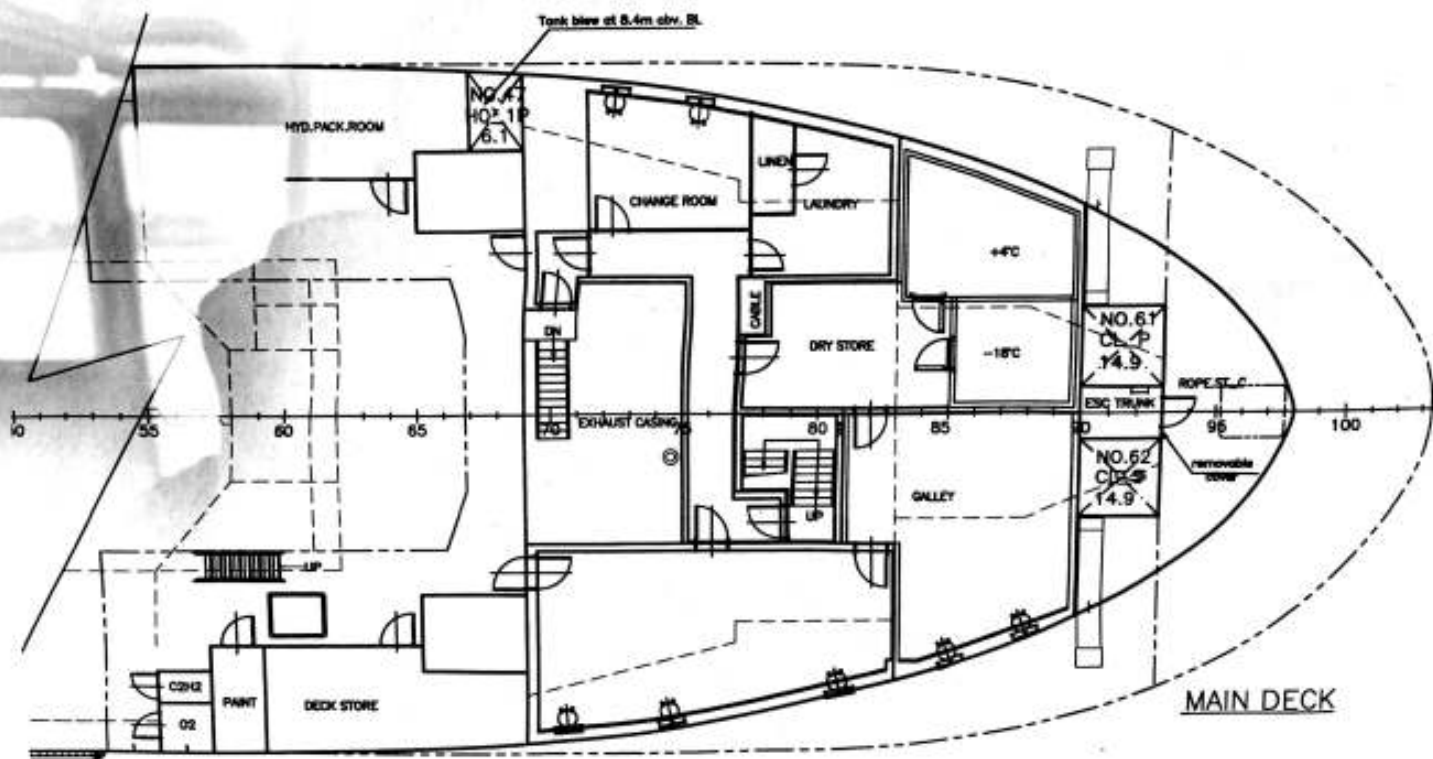




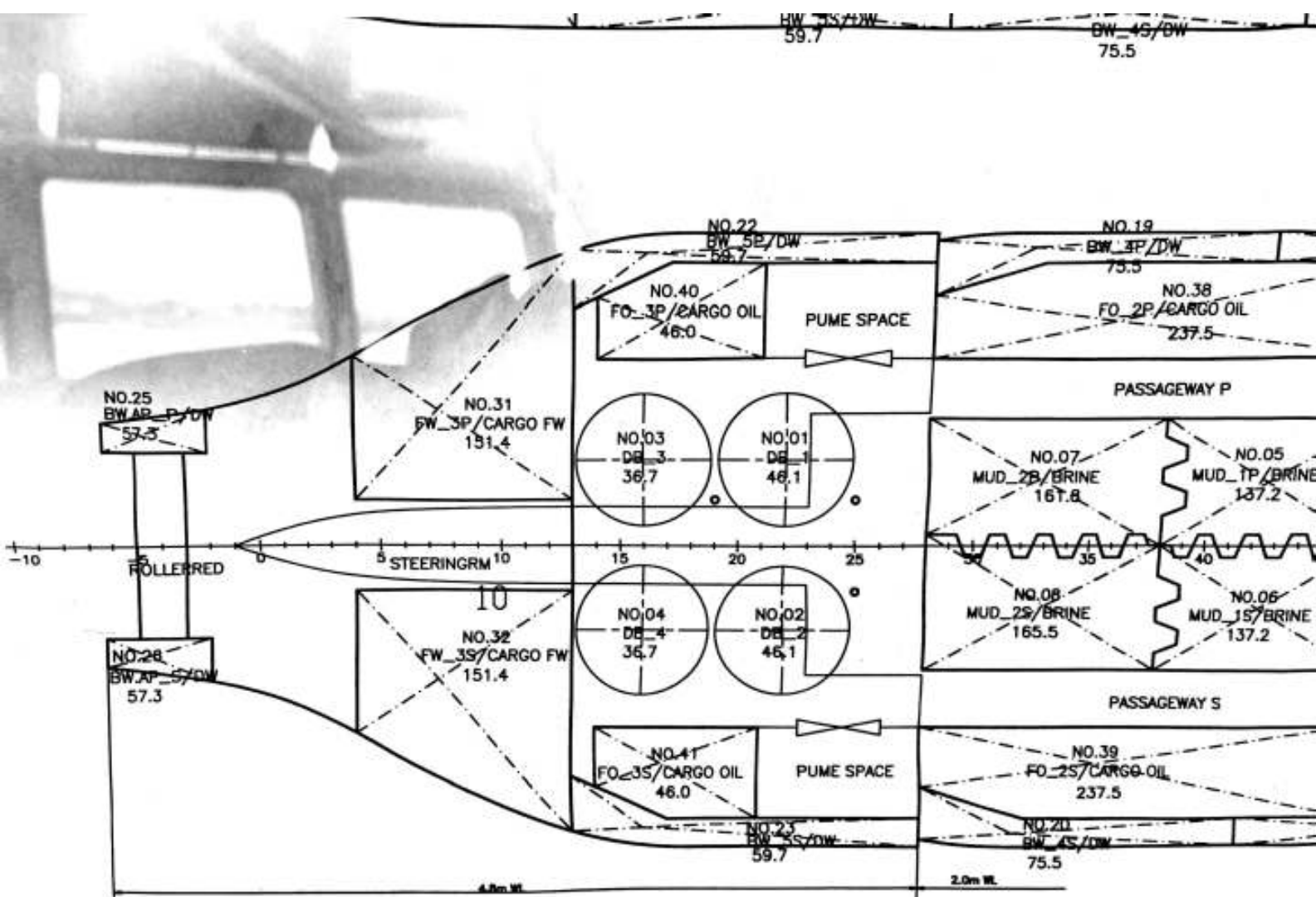


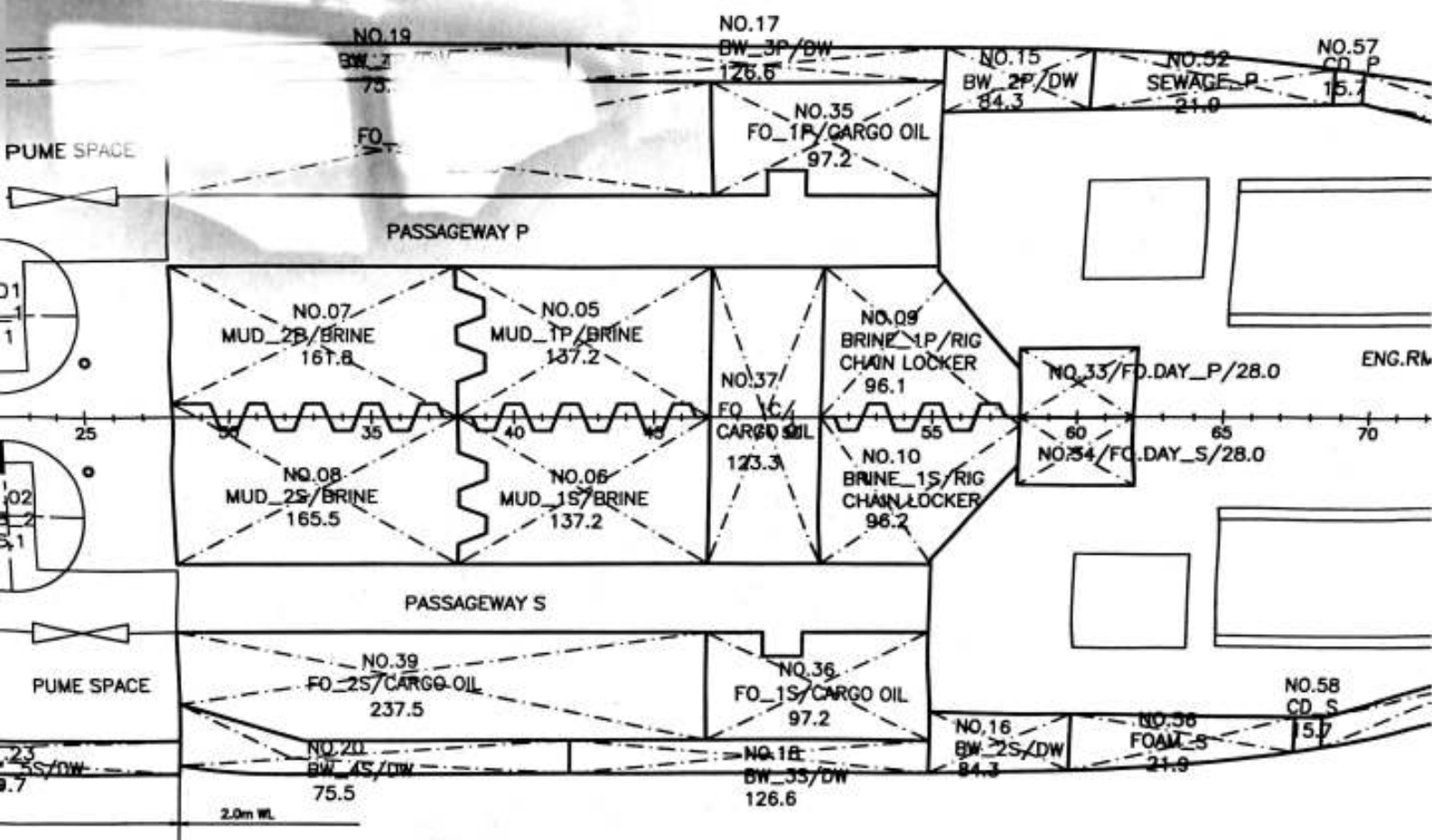


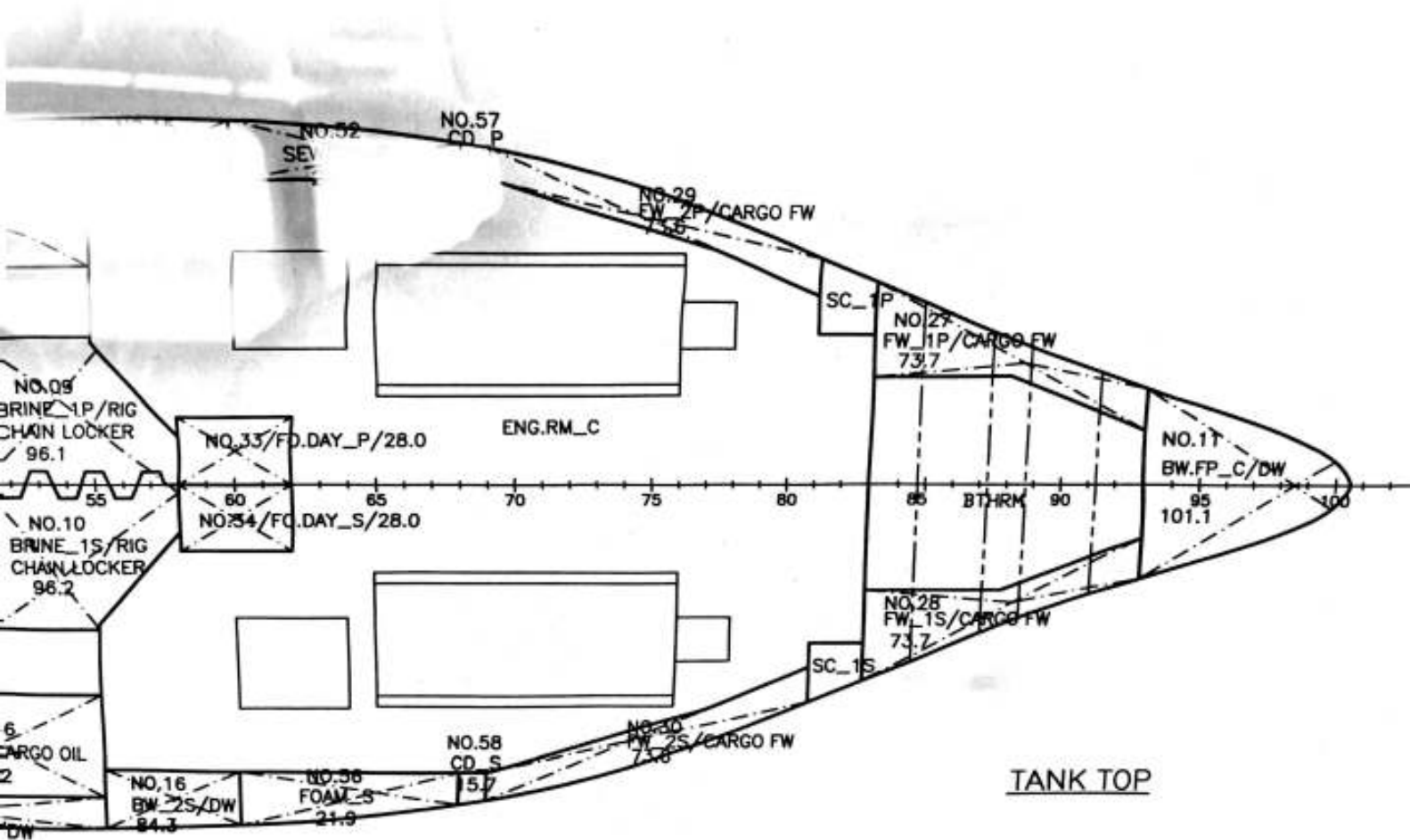
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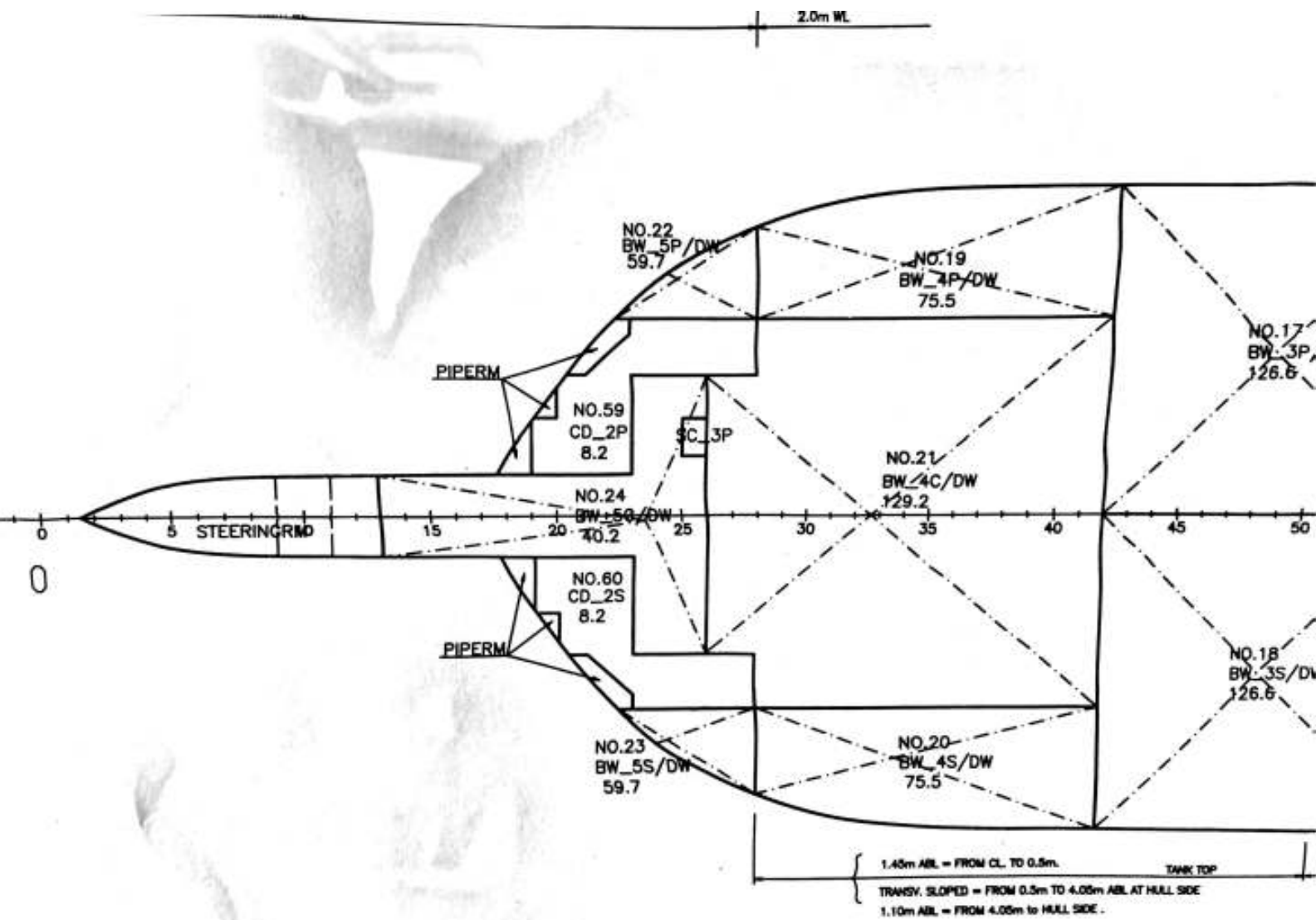


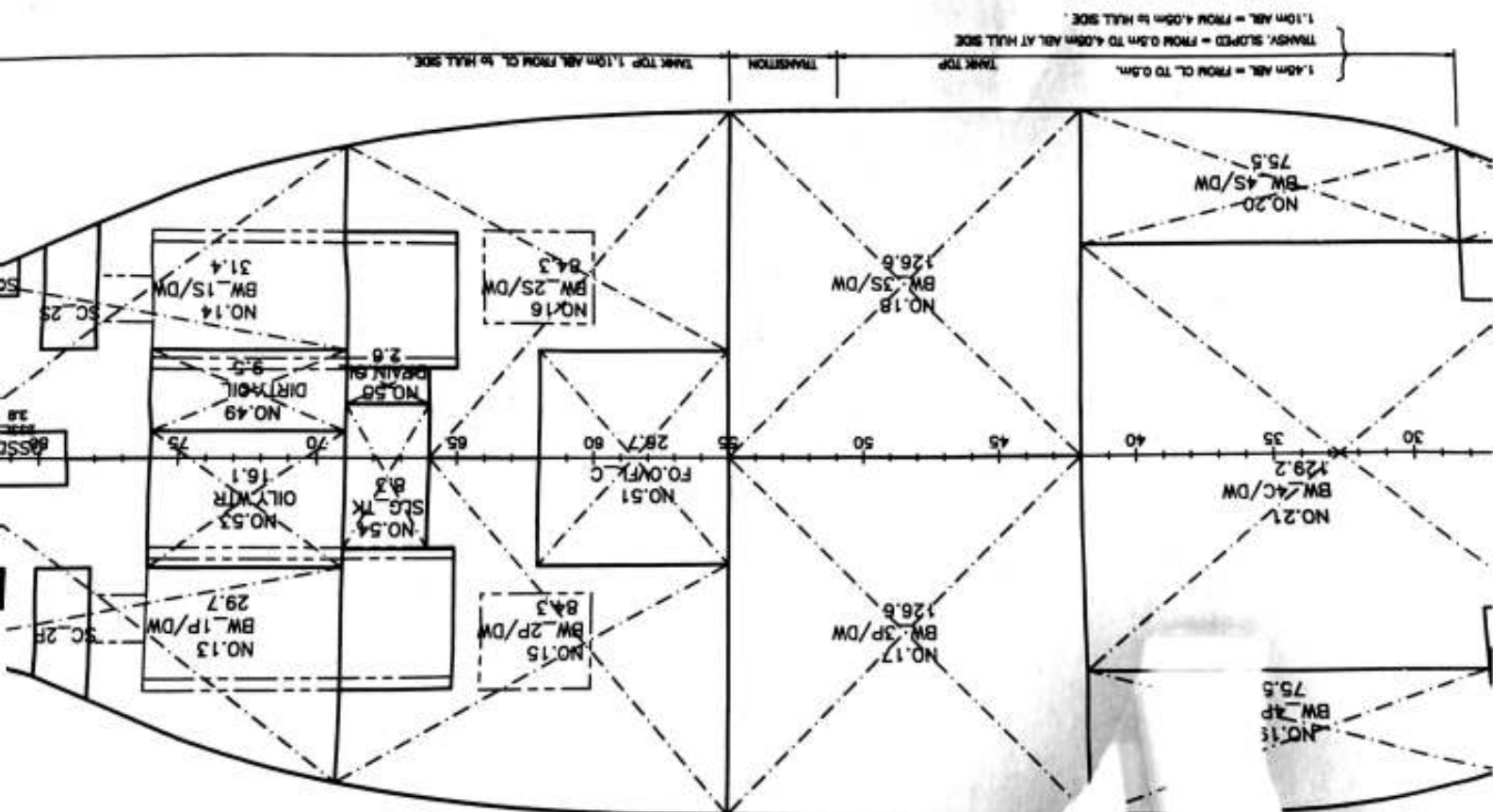
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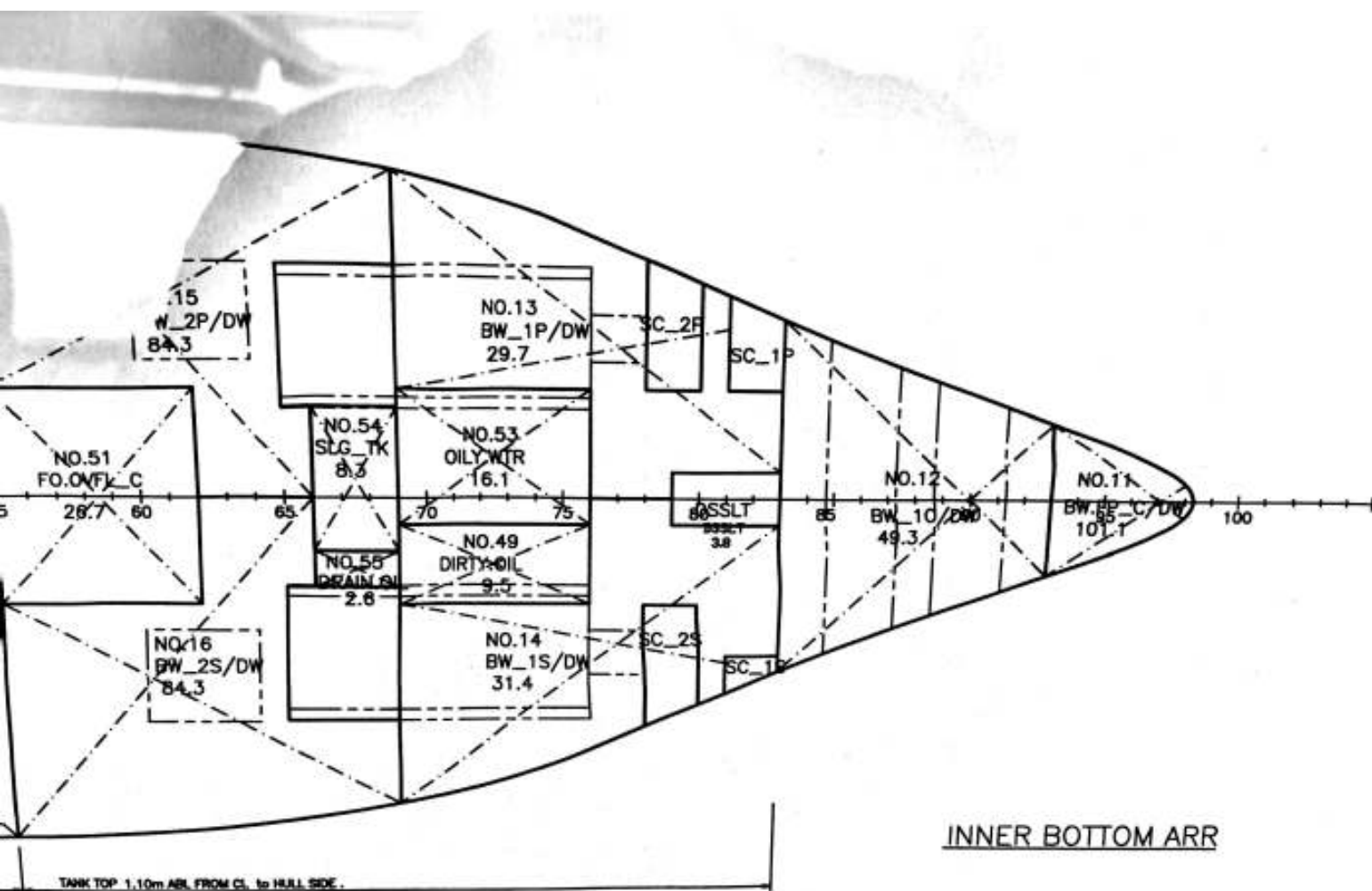




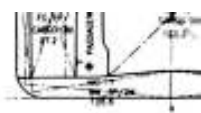
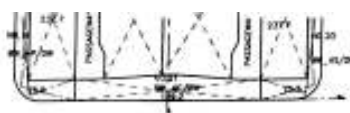
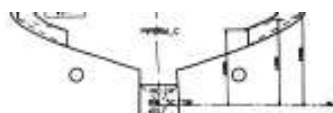








INNER BOTTOM ARR



No.	NAME	DESCRIPTION	From	To	PUMP	PHD	MAN/PHD	DB	MLD	BR	SW	PA	PD	LD	MS	FOR	MSD	CDA	WET	LOS	TGS	MS	FIN/MS	RES
#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
NO 01	DB 1	DRY BULK TANK 1F	152	24.8	DB	2000	2000	87.537											48.804	18.300	2.415	4.481	78.390	10.0%
NO 02	DB 2	DRY BULK TANK 2F	152	24.8	DB	2000	2000	87.537											48.804	18.300	2.415	4.481	78.390	10.0%
NO 03	DB 3	DRY BULK TANK 3F	152	24.8	DB	2000	2000	87.537											38.756	18.400	2.415	4.987	78.390	10.0%
NO 04	DB 4	DRY BULK TANK 4F	152	24.8	DB	2000	2000	87.537											38.756	18.400	2.415	4.987	78.390	10.0%
NO 05	WUC 1F	LIQUID WUC TK 1F	36.8	49.1					268.91										137.325	27.113	1.567	4.024	58.761	1.0%
NO 06	WUC 1S	LIQUID WUC TK 1S	36.8	49.1					268.91										137.325	27.113	1.567	4.024	58.761	1.0%
NO 07	WUC 2F	LIQUID WUC TK 2F	28	38.8					311.11										161.814	31.564	1.626	4.213	64.090	1.0%
NO 08	WUC 2S	LIQUID WUC TK 2S	28	38.8					311.11										161.814	31.564	1.626	4.213	64.090	1.0%
NO 09	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 10	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 11	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 12	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 13	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 14	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 15	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 16	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 17	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 18	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 19	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 20	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 21	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 22	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 23	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 24	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 25	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 26	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 27	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 28	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 29	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 30	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 31	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 32	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 33	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 34	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 35	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 36	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 37	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 38	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 39	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 40	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 41	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 42	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 43	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 44	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 45	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 46	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 47	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 48	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 49	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 50	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 51	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 52	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 53	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 54	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 55	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 56	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 57	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 58	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 59	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 60	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 61	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 62	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 63	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 64	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 65	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 66	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 67	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 68	BRNCH LNDR S	BRANCH LOCKER S	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO 69	BRNCH LNDR F	BRANCH LOCKER F	2	38.8					324.41										165.543	37.592	1.886	4.919	68.904	1.0%
NO																								

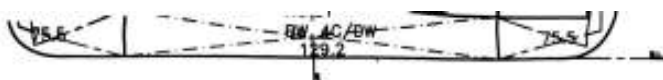


FR13 VIEW
LKG FWD



FR28 VIEW
LKG FWD

No.	NAME	DESCRIPTION	From	To	PURP	RHO	MAX.RHO	DB	MUD
			m	#		t/m3	t/m3	t	t
NO.01	DB_1	DRY BULK T	24.8	24.8	DB	2.000	2.000	97.727	
NO.02	DB_2	DRY BULK T	24.8	24.8	DB	2.000	2.000	97.727	
NO.03	DB_3	DRY BULK TANK 3	18.8	18.8	DB	2.000	2.000	77.512	
NO.04	DB_4	DRY BULK TANK 4 S	13.2	13.8	DB	2.000	2.000	77.512	
NO.05	MUD_1P	LIQUID MUD TK 1P	38.0	47.0	MUD	2.000	2.000		268.953
NO.06	MUD_1S	LIQUID MUD TK 1S	38.0	47.0	MUD	2.000	2.000		268.953
NO.07	MUD_2P	LIQUID MUD TK 2P	28.0	39.0	MUD	2.000	2.000		317.156
NO.08	MUD_2S	LIQUID MUD TK 2S	28.0	39.0	MUD	2.000	2.000		324.464
NO.09	BRINE_1P	BRINE/CHAIN LOKER P	51.0	58.0	BR	1.000	1.000		94.0
NO.10	BRINE_1S	BRINE/CHAIN LOKER S	51.0	58.0	BR	1.000	1.000		94.0
NO.11	BW_FP_C	DRILL/BALLAST WATER FPT	93.0	103.1	BW	1.025	1.025		
NO.12	BW_1C	DRILL/BALLAST WATER 1C	83.0	93.0	BW	1.025	1.025		
NO.13	BW_1P	DRILL/BALLAST WATER 1P	69.0	83.0	BW	1.025	1.025		
NO.14	BW_1S	DRILL/BALLAST WATER 1S	69.0	83.0	BW	1.025	1.025		
NO.15	BW_2P	DRILL/BALLAST WATER 2P	55.0	69.0	BW	1.025	1.025		
NO.16	BW_2S	DRILL/BALLAST WATER 2S	55.0	69.0	BW	1.025	1.025		
NO.17	BW_3P	DRILL/BALLAST WATER 3P	42.0	55.0	BW	1.025	1.025		
NO.18	BW_3S	DRILL/BALLAST WATER 3S	42.0	55.0	BW	1.025	1.025		
NO.19	BW_4P	DRILL/BALLAST WATER 4P	28.0	42.0	BW	1.025	1.025		
NO.20	BW_4S	DRILL/BALLAST WATER 4S	28.0	42.0	BW	1.025	1.025		
NO.21	BW_4C	DRILL/BALLAST WATER 4C	26.0	42.0	BW	1.025	1.025		
NO.22	BW_5P	DRILL/BALLAST WATER 5P	13.0	28.0	BW	1.025	1.025		
NO.23	BW_5S	DRILL/BALLAST WATER 5S	13.0	28.0	BW	1.025	1.025		
NO.24	BW_5C	DRILL/BALLAST WATER 5C	13.0	26.0	BW	1.025	1.025		
NO.25	BW.AP_P	DRILL/BALLAST WATER AP P	-7.7	4.0	BW	1.025	1.025		
NO.26	BW.AP_S	DRILL/BALLAST WATER AP S	-7.7	4.0	BW	1.025	1.025		
NO.27	FW_1P	PORTABLE WATER 1P	83.0	93.0	FW	1.000	1.000		



FR40 VIEW
LKG FWD



FR42 VIEW
LKG FWD

LO	MIS	FOA	VOID	CHA	VNET	LCG	TCG	VCG	FSMMAX	RED
t			t	t	m3	m	m	m	tm	%
					48.864	14.300	2.416	4.461	16.390	10.0%
					48.864	14.300	-2.416	4.461	16.390	10.0%
					38.756	10.400	2.416	4.967	16.390	10.0%
					38.756	10.400	-2.416	4.967	16.390	10.0%
					137.221	27.713	1.907	4.624	58.293	1.0%
					137.221	27.753	-1.907	4.624	58.293	1.0%
					161.814	21.584	1.929	4.619	64.080	1.0%
					165.543	21.552	-1.886	4.619	68.504	1.0%
					96.119	35.154	1.721	4.604	18.793	1.0%
					96.169	35.198	-1.720	4.602	18.793	1.0%
18					101.091	62.419	0.000	4.211	51.207	2.0%
99					49.267	56.581	0.000	0.973	114.701	2.0%
56					29.723	49.306	3.403	0.540	110.244	2.0%
43					31.359	49.513	-3.393	0.545	110.676	2.0%
21					84.313	39.266	5.886	1.885	219.228	2.0%
21					84.313	39.266	-5.886	1.885	219.228	2.0%
736					126.571	31.497	5.414	1.965	441.842	2.0%
736					126.571	31.497	-5.414	1.965	441.842	2.0%
166					75.479	22.838	7.613	3.086	24.886	2.0%
366					75.479	22.838	-7.613	3.086	24.886	2.0%
419					129.189	22.319	-0.005	0.647	902.111	2.0%
172					59.680	13.718	7.467	4.253	10.671	2.0%
172					59.680	13.718	-7.467	4.253	10.671	2.0%
189					40.184	13.121	-0.031	0.342	70.668	2.0%
752					57.319	-2.717	5.534	6.560	82.739	2.0%
752					57.319	-2.717	-5.534	6.560	82.739	2.0%
73.669					73.669	56.735	3.523	5.400	27.241	2.0%
73.669					73.669	56.735	-3.523	5.400	27.241	2.0%
73.620					73.620	49.503	6.458	4.975	10.677	2.0%
73.630					73.630	49.504	-6.458	4.974	10.678	2.0%
					151.227	5.715	4.519	5.890	185.856	2.0%

NO.14	BW_1S	DRILL/BALLAST WATER 1S	69.0	83.0	BW	1.025	1.025		
NO.15	BW_2P	DRILL/BALLAST WATER 2P	55.0	69.0	BW	1.025	1.025		
NO.16	BW_2S	DRILL/BALLAST WATER 2S	55.0	69.0	BW	1.025	1.025		
NO.17	BW_3P	DRILL/BALLAST WATER 3P	42.0	55.0	BW	1.025	1.025		
NO.18	BW_3S	DRILL/BALLAST WATER 3S	42.0	55.0	BW	1.025	1.025		
NO.19	BW_4P	DRILL/BALLAST WATER 4P	28.0	42.0	BW	1.025	1.025		
NO.20	BW_4S	DRILL/BALLAST WATER 4S	28.0	42.0	BW	1.025	1.025		
NO.21	BW_4C	DRILL/BALLAST WATER 4C	26.0	42.0	BW	1.025	1.025		
NO.22	BW_5P	DRILL/BALLAST WATER 5P	13.0	28.0	BW	1.025	1.025		
NO.23	BW_5S	DRILL/BALLAST WATER 5S	13.0	28.0	BW	1.025	1.025		
NO.24	BW_5C	DRILL/BALLAST WATER 5C	3.0	26.0	BW	1.025	1.025		
NO.25	BWAP_P	DRILL/BALLAST WATER AP P	-7.7	4.0	BW	1.025	1.025		
NO.26	BWAP_S	DRILL/BALLAST WATER AP S	-7.7	4.0	BW	1.025	1.025		
NO.27	FW_1P	PORTABLE WATER 1P	83.0	93.0	FW	1.000	1.000		
NO.28	FW_1S	PORTABLE WATER 1S	83.0	93.0	FW	1.000	1.000		
NO.29	FW_2P	PORTABLE WATER 2P	69.0	83.0	FW	1.000	1.000		
NO.30	FW_2S	PORTABLE WATER 2S	69.0	83.0	FW	1.000	1.000		
NO.31	FW_3P	PORTABLE WATER 3P	4.0	13.0	FW	1.000	1.000		
NO.32	FW_3S	PORTABLE WATER 3S	4.0	13.0	FW	1.000	1.000		
NO.33	FO.DAY_P	FUEL OIL DAY P	58.0	62.0	FO	0.870	0.870		
NO.34	FO.DAY_S	FUEL OIL DAY S	58.0	62.0	FO	0.870	0.870		
NO.35	FO_1P	FUEL OIL TK 1P	47.0	55.0	FO	0.870	0.870		
NO.36	FO_1S	FUEL OIL TK 1S	47.0	55.0	FO	0.870	0.870		
NO.37	FO_1C	FUEL OIL TK 1C	47.0	51.0	FO	0.870	0.870		
NO.38	FO_2P	FUEL OIL TK 2P	28.0	47.0	FO	0.870	0.870		
NO.39	FO_2S	FUEL OIL TK 2S	28.0	47.0	FO	0.870	0.870		
NO.40	FO_3P	FUEL OIL TK 3P	14.0	21.0	FO	0.870	0.870		
NO.41	FO_3S	FUEL OIL TK 3S	14.0	21.0	FO	0.870	0.870		
NO.42	FO.EMG	FUEL OIL EMG TK	55.0	56.5	FO	0.870	0.870		
NO.43	LO_G	LO FOR GEARBOX/SG	55.0	58.0	LO	0.900	0.900		
NO.44	LO_BT	LO FOR B.T.	60.0	62.0	LO	0.900	0.900		
NO.45	LO_AU	LO FOR AUX. GEN.	58.0	60.0	LO	0.900	0.900		
NO.46	LO_1S	LO FOR MAIN ENGINE	55.0	62.0	LO	0.900	0.900		
NO.47	HO_1P	LO FOR HYD.PACK	67.0	69.0	LO	0.900	0.900		
NO.48	HO_2P	LO FOR STEERING	-2.0	-1.0	LO	0.900	0.900		
NO.49	DIRTY.OIL	DIRTY OIL TK S	69.0	76.0	MIS	1.000	1.000		
NO.51	FO.OVFL_C	FUEL OIL OVERFLOW C	55.0	62.0	MIS	1.000	1.000		
NO.52	SEWAGE_P	SEWAGE TK P	60.0	68.0	MIS	1.000	1.000		
NO.53	OILY.WTR	OILY WATER TK P	60.0	68.0	MIS	1.000	1.000		

NO.36	FO_1S	FUEL OIL TK 1S	47.0	55.0	FO	0.870	0.870		
NO.37	FO_1C	FUEL OIL TK 1C	47.0	51.0	FO	0.870	0.870		
NO.38	FO_2P	FUEL OIL TK 2P	28.0	47.0	FO	0.870	0.870		
NO.39	FO_2S	TK 2S	28.0	47.0	FO	0.870	0.870		
NO.40	FO_3P	TK 3P	14.0	21.0	FO	0.870	0.870		
NO.41	FO_3S	TK 3S	14.0	21.0	FO	0.870	0.870		
NO.42	FO.EMG	TK	55.0	56.5	FO	0.870	0.870		
NO.43	LO_G	ARBOX/SG	55.0	58.0	LO	0.900	0.900		
NO.44	LO_BT	B.T.	60.0	62.0	LO	0.900	0.900		
NO.45	LO_AU	LO+ JEN.	58.0	60.0	LO	0.900	0.900		
NO.46	LO_1S	LO FOR MAIN ENGINE	55.0	62.0	LO	0.900	0.900		
NO.47	HO_1P	LO FOR HYD.PACK	67.0	69.0	LO	0.900	0.900		
NO.48	HO_2P	LO FOR STEERING	-2.0	-1.0	LO	0.900	0.900		
NO.49	DIRTY.OIL	DIRTY OIL TK S	69.0	76.0	MIS	1.000	1.000		
NO.51	FO.OVFL_C	FUEL OIL OVERFLOW C	55.0	62.0	MIS	1.000	1.000		
NO.52	SEWAGE_P	SEWAGE TK P	60.0	68.0	MIS	1.000	1.000		
NO.53	OILY.WTR	OILY WATER TK P	69.0	76.0	MIS	1.000	1.000		
NO.54	SLG_TK	SLUDGE TK	66.0	69.0	MIS	1.000	1.000		
NO.55	DRAIN.OIL	DRAIN OIL TK	66.0	69.0	MIS	1.000	1.000		
NO.56	FOAM_S	FOAM TANK S	60.0	68.0	FOA	1.040	1.040		
NO.57	CD_P	VOID P	62.0	69.0	VOID	1.025	1.025		
NO.58	CD_S	VOID S	60.0	69.0	VOID	1.025	1.025		
NO.59	CD_2P	VOID SPACE 2P	19.0	28.0	VOID	1.025	1.025		
NO.60	CD_2S	VOID SPACE 2S	19.0	28.0	VOID	1.025	1.025		
NO.61	CL_P	CHAIN LOCKER P	90.0	93.0	CHA	1.025	1.025		
NO.62	CL_S	CHAIN LOCKER S	90.0	93.0	CHA	1.025	1.025		
	TOTAL WEIGHT							350.479	1179.526
	TOTAL VOLUME							175.239	601.799
No.	NAME	DESCRIPTION	From	To	PURP	RHO	MAX.RHO	DB	MUD
			#	#		l/m3	l/m3	t	t

FILE:

[illegible]

NO.11	BW.FP_C	DRILL/BALLAST WATER FPT	93.0	103.1	BW	
NO.12	BW_1C	DRILL/BALLAST WATER 1C	83.0	93.0	BW	
NO.13	BW_1P	DRILL/BALLAST WATER 1P	69.0	83.0	BW	
NO.14	BW_1S	DRILL/BALLAST WATER 1S	69.0	83.0	BW	
NO.15	BW_2P	DRILL/BALLAST WATER 2P	55.0	69.0	BW	
NO.16	BW_2'	L/BALLAST WATER 2S	55.0	69.0	BW	
NO.17	BW_'	L/BALLAST WATER 3P	42.0	55.0	BW	
NO.18	BW	ILL/BALLAST WATER 3S	42.0	55.0	BW	
NO.19	BV	ILL/BALLAST WATER 4P	28.0	42.0	BW	
NO.20	Bv_4.	ILL/BAL I AST WATER 4S	28.0	42.0	BW	
NO.21	BW_4C	R_ L/BALLAST WATER 4C	26.0	42.0	BW	
NO.22	BW_5P	L/BALLAST WATER 5P	13.0	28.0	BW	
NO.23	BW_5S	DRILL/BALLAST WATER 5S	13.0	28.0	BW	
NO.24	BW_5C	DRILL/BALLAST WATER 5C	13.0	26.0	BW	
NO.25	BW.AP_P	DRILL/BALLAST WATER AP P	-7.7	4.0	BW	
NO.26	BW.AP_S	DRILL/BALLAST WATER AP S	-7.7	4.0	BW	
NO.27	FW_1P	PORTABLE WATER 1P	83.0	93.0	FW	
NO.28	FW_1S	PORTABLE WATER 1S	83.0	93.0	FW	
NO.29	FW_2P	PORTABLE WATER 2P	69.0	83.0	FW	
NO.30	FW_2S	PORTABLE WATER 2S	69.0	83.0	FW	
NO.31	FW_3P	PORTABLE WATER 3P	4.0	13.0	FW	
NO.32	FW_3S	PORTABLE WATER 3S	4.0	13.0	FW	
NO.33	FO.DAY_P	FUEL OIL DAY P	58.0	62.0	FO	
NO.34	FO.DAY_S	FUEL OIL DAYS	58.0	62.0	FO	
NO.35	FO_1P	FUEL OIL TK 1P	47.0	55.0	FO	
NO.36	FO_1S	FUEL OIL TK 1S	47.0	55.0	FO	
NO.37	FO_1C	FUEL OIL TK 1C	47.0	51.0	FO	
NO.38	FO_2P	FUEL OIL TK 2P	28.0	47.0	FO	
NO.39	FO_2S	FUEL OIL TK 2S	28.0	47.0	FO	
NO.40	FO_3P	FUEL OIL TK 3P	14.0	21.0	FO	
NO.41	FO_3S	FUEL OIL TK 3S	14.0	21.0	FO	
NO.42	FO.EMG	FO.EMG TK	55.0	56.5	FO	
NO.43	LO_G	LO FOR GEARBOX/SG	55.0	58.0	LO	
NO.44	LO_BT	LO FOR B.T.	60.0	62.0	LO	
NO.45	LO_AU	LO FOR AUX. GEN.	58.0	60.0	LO	
NO.46	LO_1S	LO FOR MAIN ENGINE	55.0	62.0	LO	
NO.47	HO_1P	LO FOR HYD.PACK	67.0	69.0	LO	
NO.48	HO_2P	LO FOR STEERING	-2.0	-1.0	LO	
NO.49	DIRTY.OIL	DIRTY OIL TK S	69.0	76.0	MIS	
NO.51	FO.OVFL_C	FUEL OIL OVERFLOW C	55.0	62.0	MIS	
NO.52	SEWAGE_P	SEWAGE TK P	60.0	68.0	MIS	
NO.53	OILY.WTR	OILY WATER TK P	69.0	76.0	MIS	
NO.54	SLG_TK	SLUDGE TK	66.0	69.0	MIS	
NO.55	DRAIN.OIL	DRAIN OIL TK	66.0	69.0	MIS	
NO.56	FOAM_S	FOAM TANK S	60.0	68.0	FOA	
NO.57	CD_P	VOID P	62.0	69.0	VOID	
NO.58	CD_S	VOID S	60.0	69.0	VOID	
NO.59	CD_2P	VOID SPACE 2P	19.0	28.0	VOID	
NO.60	CD_2S	VOID SPACE 2S	19.0	28.0	VOID	
NO.61	CL_P	CHAIN LOCKER P	90.0	93.0	CHA	
NO.62	CL_S	CHAIN LOCKER S	90.0	93.0	CHA	
	TOTAL WEIGHT					
	TOTAL VOLUME					
No.	NAME	DESCRIPTION	From	To	PURP	RHO
			#	#		Wm3

		49.267	56.581	0.000	0.973	114.701	2.0%
		29.723	49.306	3.403	0.540	110.244	2.0%
		31.359	49.513	-3.393	0.545	110.676	2.0%
		84.313	39.266	5.886	1.885	219.228	2.0%
		84.313	39.266	-5.886	1.885	219.228	2.0%
		126.571	31.497	5.414	1.965	441.842	2.0%
		126.571	31.497	-5.414	1.965	441.842	2.0%
		75.479	22.838	7.613	3.086	24.886	2.0%
		75.479	22.838	-7.613	3.086	24.886	2.0%
		129.189	22.319	-0.005	0.647	902.111	2.0%
		59.680	13.718	7.467	4.253	10.671	2.0%
		59.680	13.718	-7.467	4.253	10.671	2.0%
		40.184	13.121	-0.031	0.342	70.668	2.0%
		57.319	-2.717	5.534	6.560	82.739	2.0%
		57.319	-2.717	-5.534	6.560	82.739	2.0%
		73.669	56.735	3.523	5.400	27.241	2.0%
		73.669	56.735	-3.523	5.400	27.241	2.0%
		73.620	49.503	6.458	4.975	10.677	2.0%
		73.630	49.504	-6.458	4.974	10.678	2.0%
		151.387	5.715	4.519	5.890	185.856	2.0%
		151.387	5.715	-4.519	5.890	185.856	2.0%
		27.958	39.000	0.825	4.475	0.830	2.0%
		27.958	39.000	-0.825	4.475	0.830	2.0%
		96.850	33.184	6.254	4.770	22.728	2.0%
		96.850	33.184	-6.254	4.770	22.728	2.0%
		123.272	31.850	0.000	4.606	81.092	2.0%
		237.540	21.660	6.218	4.866	28.765	2.0%
		237.540	21.660	-6.218	4.866	28.765	2.0%
		46.016	11.530	6.418	5.763	5.682	2.0%
		46.016	11.530	-6.418	5.763	5.682	2.0%
		1.646	36.250	8.300	12.200	0.015	2.0%
		10.319	36.725	6.750	6.300	0.836	2.0%
		6.880	39.650	6.750	6.300	0.557	2.0%
		6.880	38.350	6.750	6.300	0.557	2.0%
		24.079	38.025	-6.750	6.300	1.950	2.0%
		6.101	44.198	7.498	9.617	0.863	2.0%
		0.891	-0.974	7.466	6.721	0.013	2.0%
		9.476	47.125	-1.581	0.552	2.755	2.0%
		26.665	38.025	0.000	0.575	52.248	2.0%
		21.948	41.428	7.701	3.041	0.939	2.0%
		16.142	47.125	0.928	0.561	12.756	2.0%
		8.347	43.875	0.602	0.564	9.447	2.0%
		2.633	43.875	-1.910	0.539	0.350	2.0%
2.370		21.948	41.428	-7.701	3.041	0.939	2.0%
	15.273	15.684	42.911	7.835	5.925	0.559	2.0%
	15.273	15.684	42.911	-7.835	5.925	0.559	2.0%
	7.996	8.211	14.928	3.143	1.007	17.063	2.0%
	7.996	8.211	14.928	-3.143	1.007	17.063	2.0%
	15.278	14.906	59.475	1.625	9.800	1.210	2.0%
	15.278	14.906	59.475	-1.625	9.800	1.210	2.0%
2.370	46.536	30.557					
948	47.791	29.812					
FOA	VOID	CHA	VNET	LCG	TCG	VCG	FSM/MAX
		t	m3	m	m	m	tm

REFERENCES

NO.	DWG No.	TITLE	
1			
2			
3			

CLIENT:  FEMCO 38 Kuril'skaya St., Yuzhno-Sakhalinsk, 693000, Russia Tel: +7(4242)31-20-60 +7(4242)31-20-61 Fax: +7(4242)31-20-62		APPROVED BY OWNER:	DATE -	FILE NO. -	
		CLASS: BV	-	-	
		PROJECT: SPA150 ANCHOR HANDLING/TUG,SUPPLY VESSEL		PHASE: DETAIL DESIGN HULL No.: DY2003	
DWN:	FANG Jing	TITLE: GENERAL ARRANGEMENT 总布置图		DWG No. SDA806-101-101	
CKD:	CHEN Huidi			REV. 0	
COS:	-			SHEET 1 / 1	WEIGHT -
ACPD:	WENG Huigan			SCALE 1/150	
APVD:	-				
DATE:		BUILDER: SINOPACIFIC SHIPBUILDING GROUP Co.LTD.		DESIGNER:  SHANGHAI DESIGN ASSOCIATES 3F, Oriental Business Building, No.588 Panyu Road, Changning District, Shanghai, China 200052 Email: SDA@sino-pacific.com.cn Tel: +86-21-61976358 Fax: +86-21-61976358	

FORMAT: A0-B41x1189 AREA: 1.00m²

MAIN PARAMETERS

APPROXIMATE

TANK CAPACITIES

APPROXIMATE

LENGTH OVERALL
BREADTH MOULDED
DEPTH MOULDED
SCANTLING DRAFT
DESIGN DRAFT
BOLLARD PULL
CARGO DECK AREA
DECK STRENGTH
DECK CARGO CAPACITY
ACCOMMODATIONS
AIR DRAFT
C/P
MAIN ENGINE
AUX. ENGINE
BOW THRUSTERS
STERN THRUSTERS
CLASS

BV 1 HULL MACH

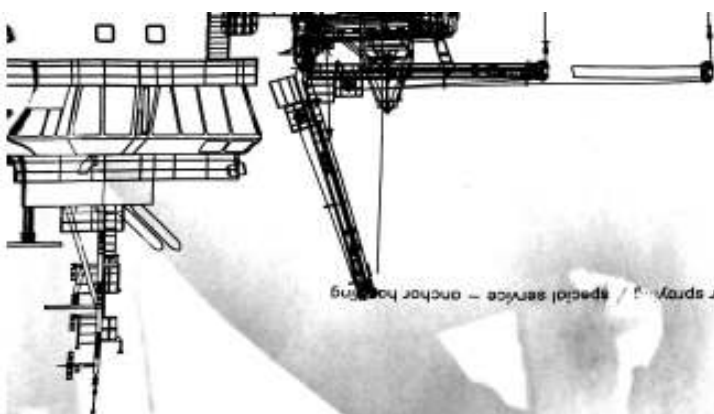
Unrestricted navigation
Tug / Supply vessel oil product FP>60°C and LHNS / fire-fighting ship 1—water spray—2 / special service — anchor handling

29.34m ABOVE BASELINE (OR 24.34m ABV 5.0m WL)
(2) RATED 4,500kW EA.
(2) RATED 4,500kW EA.
(2) RATED 500kW EA. (2) RATED 1,500kW EA FOR PTO EA.
(2) RATED 690kW EA.
(1) RATED 690kW.

APL 72.0m
17.20m
7.80m
6.30m
5.00m
APL 150.0 M
516.0 m²
10.00 MT/m²
APL 1,100 MT @ 1m ABV MDK
36 BERTH

FUEL OIL — PERMANENT (98% FULL)
FRESH WATER (100% FULL)
DRILL/BALLAST WATER (100% FULL)
DRY BULK (NET VOLUME)
LIQUID MUD (100% FULL)
RIG CHAIN

875m³
600 m³
1,190 m³
175 m³
600m³
175m³



MAIN PARAMETERS

APPROXIMATE

LENGTH OVERALL	Abt. 72.0m
BREADTH MOULDED	17.20m
DEPTH MOULDED	7.80m
SCANTLING DRAFT	6.30m
DESIGN DRAFT	5.00m
BOLLARD PULL	Abt. 150.0 MT
CARGO DECK AREA	516.0 m ²
DECK STRENGTH	10.00 MT/m ²
DECK CARGO CAPACITY	Abt. 1,100 MT @ 1m ABV MDK
ACCOMMODATIONS	36 BERTH
AIR DRAFT	29.34m ABOVE BASELINE (OR 24.34m ABV 5.0m WL)
CPP	(2) RATED 4,500kW EA.
MAIN ENGINE	(2) RATED 4,500kW EA.
AUX. ENGINE	(2) RATED 500kW EA, (2) RATED 1,500kW EA FOR PTO EA.
BOW THRUSTERS	(2) RATED @ 690kW EA.
STERN THRUSTERS	(1) RATED @ 690kW.

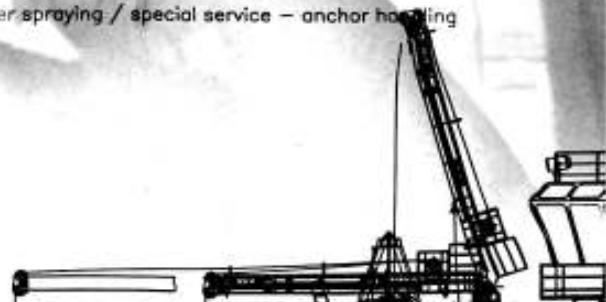
CLASS BV I •HULL •MACH
Unrestricted navigation

Tug / Supply vessel oil product FP>60°C and LHNS / fire-fighting ship 1-water spraying / special service - anchor handling
•AUT-UMS / •DYNAPOS AM/AT R / CLEANSHIP / PROTECTED FO TANK

TANK CAPACITIES

APPROXIMATE

FUEL OIL - PERMANENT (• 98% FULL)
FRESH WATER (• 100% FULL)
DRILL / BALLAST WATER (• 100% FULL)
DRY BULK (NET VOLUME)
LIQUID MUD (• 100% FULL)
RIG CHAIN



MAIN PARAMETERS

APPROXIMATE

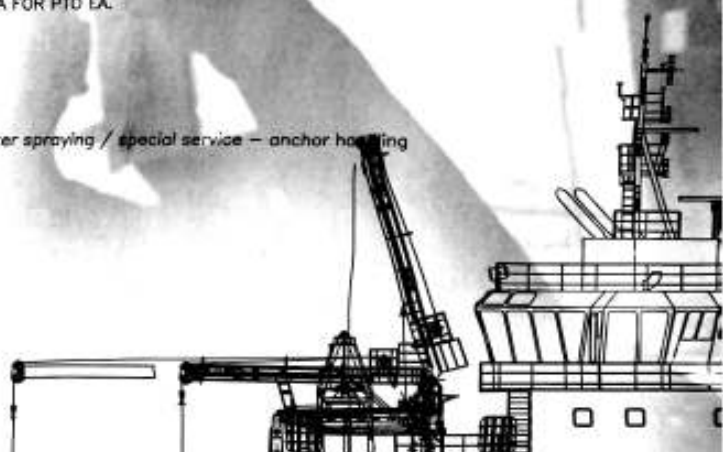
LENGTH OVERALL	Abl. 72.0m
BREADTH MOULDED	17.20m
DEPTH MOULDED	7.80m
SCANTLING DRAFT	6.30m
DESIGN DRAFT	5.00m
BOLLARD PULL	Abl. 150.0 MT
CARGO DECK AREA	516.0 m ²
DECK STRENGTH	10.00 MT/m ²
DECK CARGO CAPACITY	Abl. 1,100 MT @ 1m ABV MDK
ACCOMMODATIONS	36 BERTH
AIR DRAFT	29.34m ABOVE BASELINE (OR 24.34m ABV 5.0m WL)
CPP	(2) RATED 4,500kW EA.
MAIN ENGINE	(2) RATED 4,500kW EA.
AUX. ENGINE	(2) RATED 500kW EA, (2) RATED 1,500kW EA FOR PTO EA.
BOW THRUSTERS	(2) RATED @ 690kW EA.
STERN THRUSTERS	(1) RATED @ 690kW.

CLASS BV / *HULL *MACH
 Unrestricted navigation
 Tug / Supply vessel oil product FP>60°C and LHNS / fire-fighting ship 1-water spraying / special service - anchor handling
 *AUT-UMS / *DYNAPDS AM/AT R / CLEANSHIP / PROTECTED FO TANK

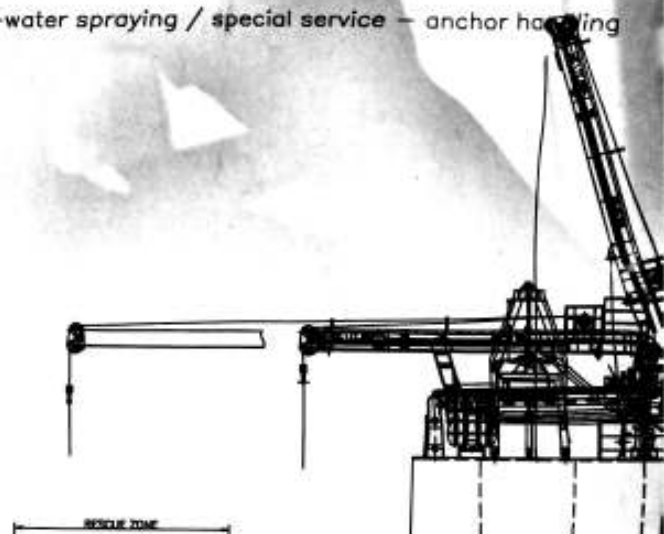
TANK CAPACITIES

APPROXIMATE

FUEL OIL - PERMANENT (● 98% FULL)	875m ³
FRESH WATER (● 100% FULL)	600 m ³
DRILL/BALLAST WATER (● 100% FULL)	1,190 m ³
DRY BULK (NET VOLUME)	175 m ³
LIQUID MUD (● 100% FULL)	600m ³
RIG CHAIN	175 m ³



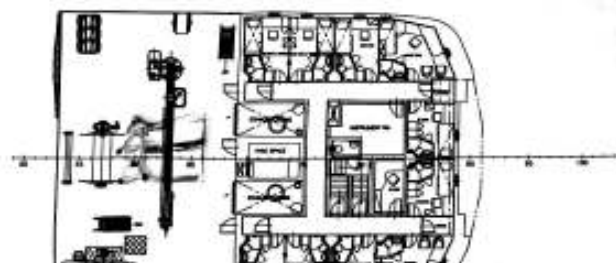
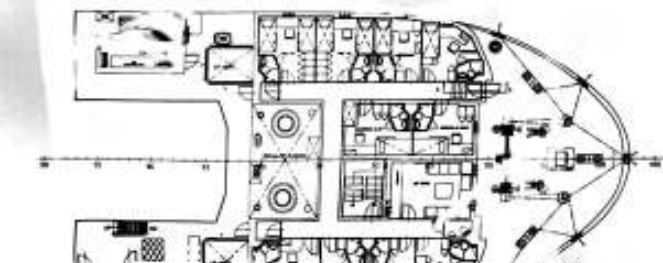
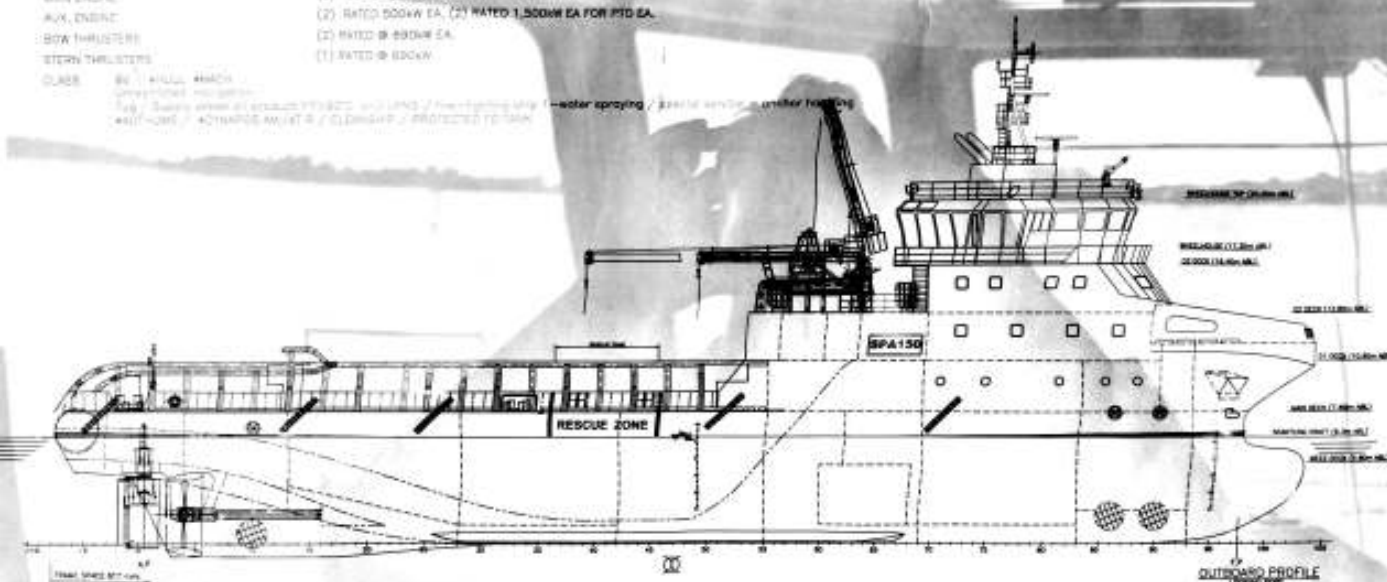
MOULDED	7.80m	FRESH WATER (● 100% FULL)
ING DRAFT	6.30m	DRILL/BALLAST WATER (● 100% FULL)
DRAFT	5.00m	DRY BULK (NET VOLUME)
ED PULL	Abt. 150.0 MT	LIQUID MUD (● 100% FULL)
DECK AREA	516.0 m ²	RIG CHAIN
TRENGTH	10.00 MT/m ²	
ARGO CAPACITY	Abt. 1,100 MT ● 1m ABV MDK	
MODATIONS	36 BERTH	
AFT	29.34m ABOVE BASELINE (OR 24.34m ABV 5.0m WL)	
ENGINE	(2) RATED 4,500kW EA.	
ENGINE	(2) RATED 4,500kW EA.	
THRUSTERS	(2) RATED 500kW EA, (2) RATED 1,500kW EA FOR P/O EA.	
THRUSTERS	(2) RATED ● 690kW EA.	
	(1) RATED ● 690kW.	
BV 1 ● HULL ● MACH		
Unrestricted navigation		
Tug / Supply vessel oil product FP>60°C and LHNS / fire-fighting ship 1-water spraying / special service — anchor handling		
●AUT-UMS / ●DYNAPOS AM/AT R / CLEANSHIP / PROTECTED FO TANK		

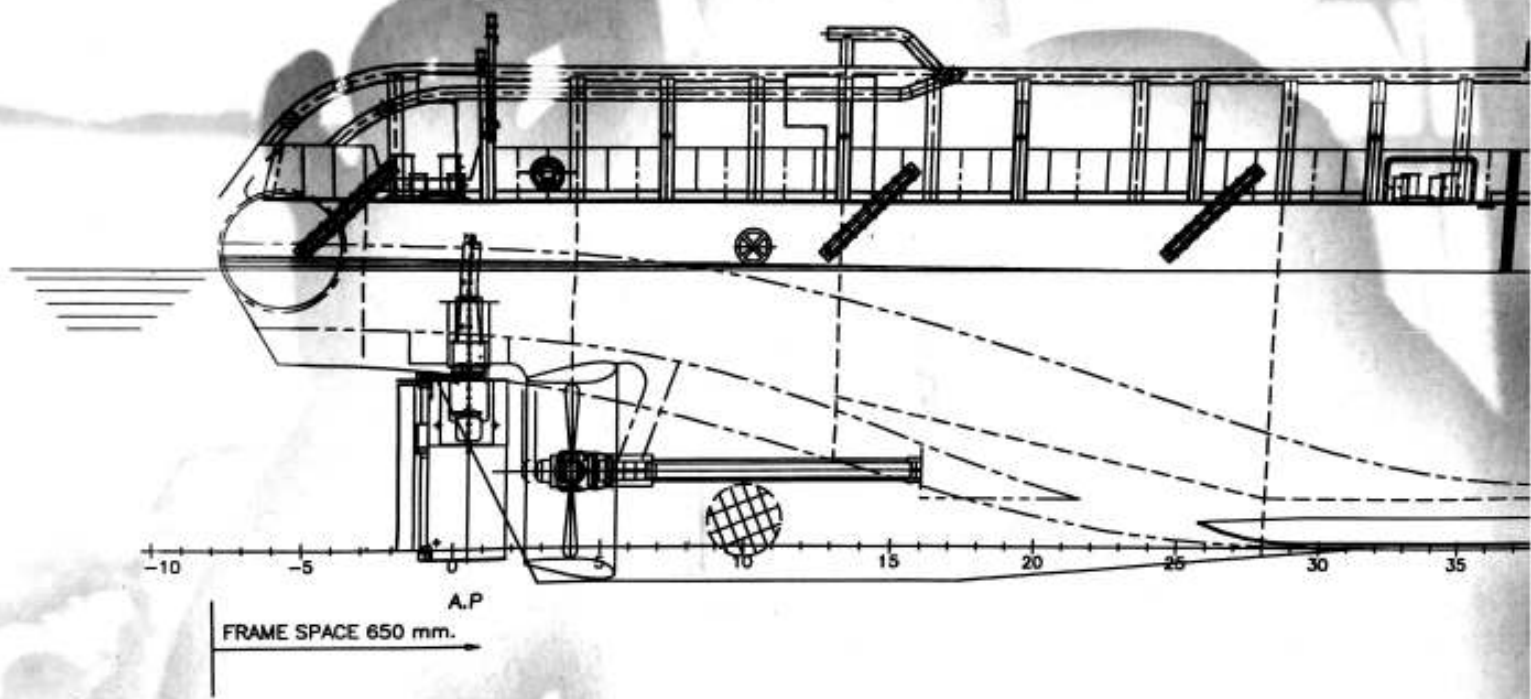


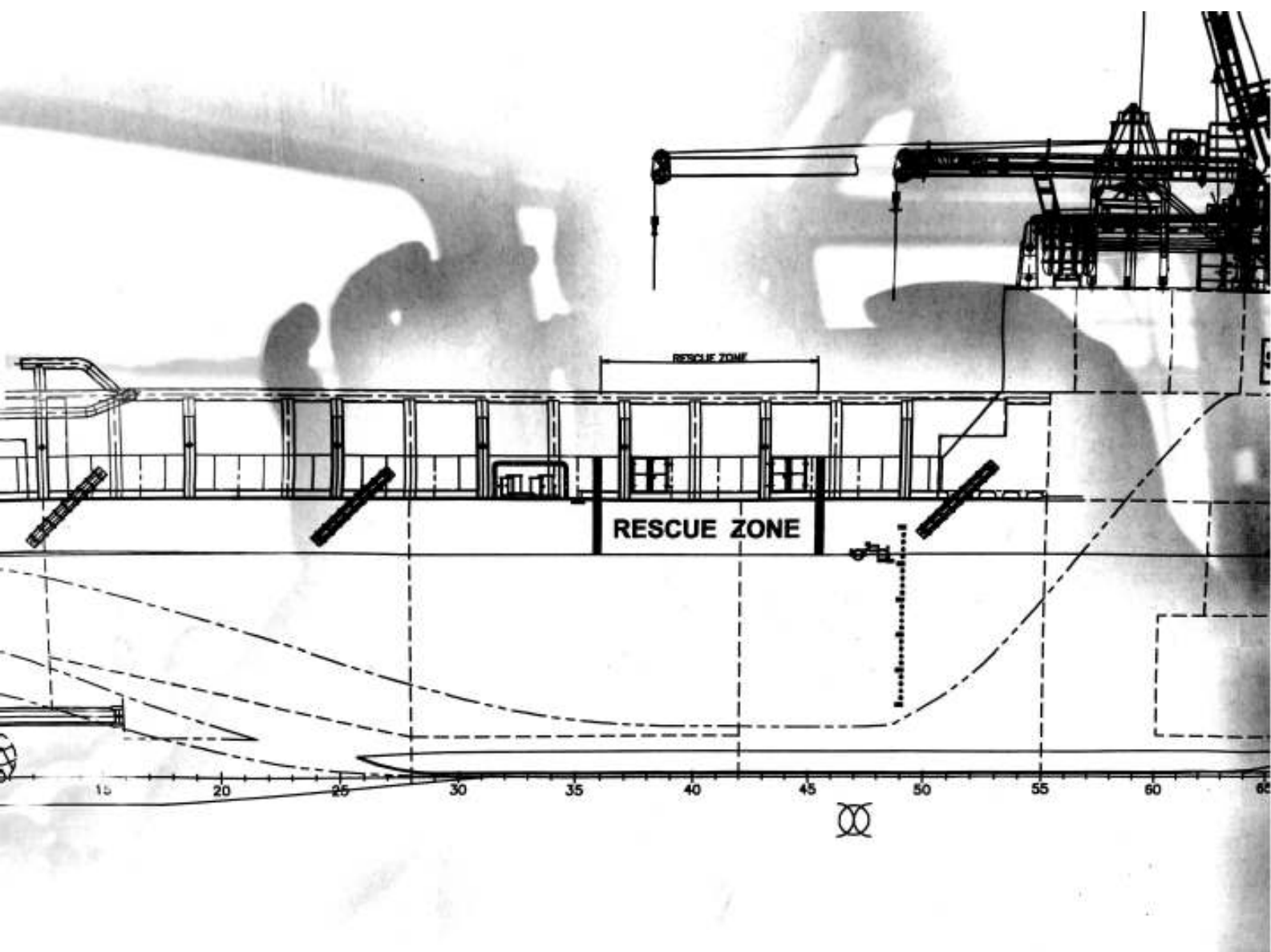
SINOPACIFIC

LENGTH OVERALL	Abt. 72.0m	FUEL OIL - PERMANENT (● 98% FULL)	875m ³
BREADTH MOULDED	17.20m	FRESH WATER (● 100% FULL)	800 m ³
DEPTH MOULDED	7.80m	DRILL/BALLAST WATER (● 100% FULL)	1,190 m ³
SCANTLING DRAFT	6.30m	DRY BULK (NET VOLUME)	175 m ³
DESIGN DRAFT	5.00m	LIQUID MUD (● 100% FULL)	900m ³
BOLLARD PULL	Abt. 150.0 MT	RIG CHAIN	175m ³
CARGO DECK AREA	516.0 m ²		
DECK STRENGTH	10.00 MT/m ²		
DECK CARGO CAPACITY	Abt. 1,100 MT @ 1m ABV MDK		
ACCOMMODATIONS	36 BERTH		
AIR DRAFT	29.34m ABOVE BASELINE (OR 24.34m ABV 5.0m WL)		
C/P	(2) RATED 4,500kW EA.		
MAIN ENGINE	(2) RATED 4,500kW EA.		
AUX. ENGINE	(2) RATED 500kW EA, (2) RATED 1,500kW EA FOR PTD EA.		
BOA THRUSTERS	(2) RATED @ 490kW EA.		
STERN THRUSTERS	(1) RATED @ 830kW.		

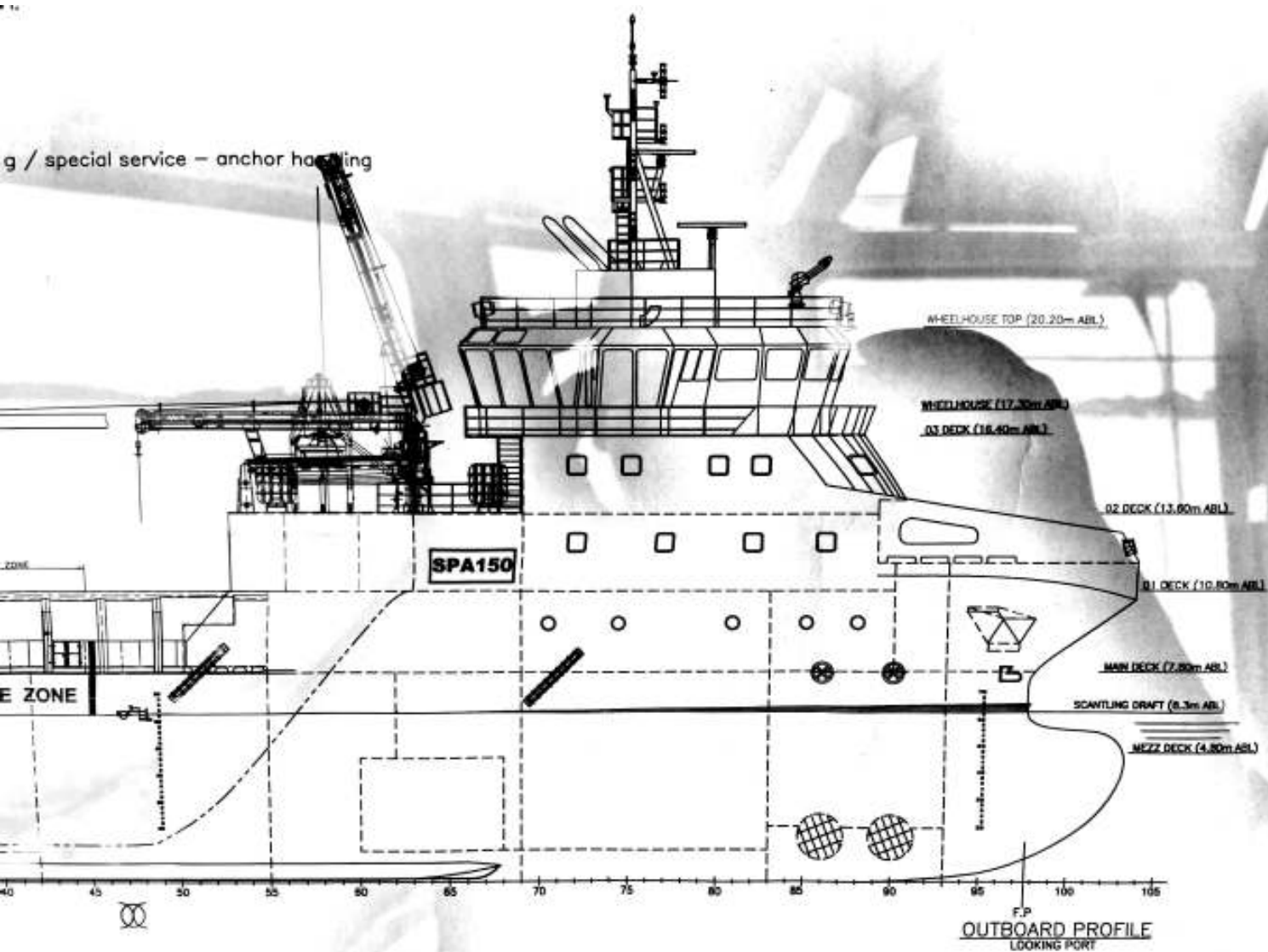
CLASS: By I HULL, MARCA
 Green-Painted hull
 Flag: Taiwan
 Notes: 1. Safety system as required by IACS, with LIFES / fire-fighting ship / water spraying / rescue service / anchor handling
 2. 100% fire retardant paint & 100% fire retardant paint / protected to tank

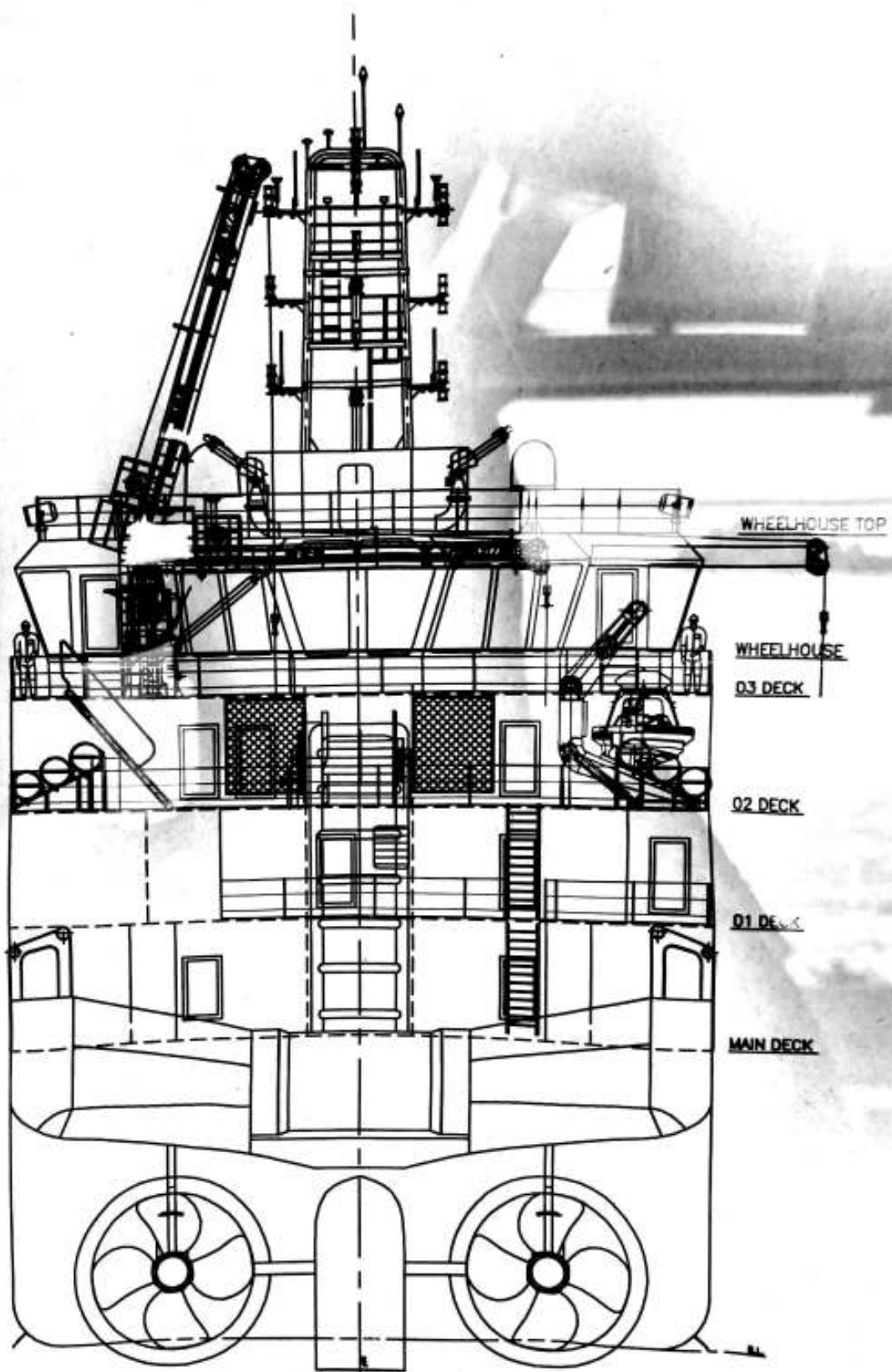




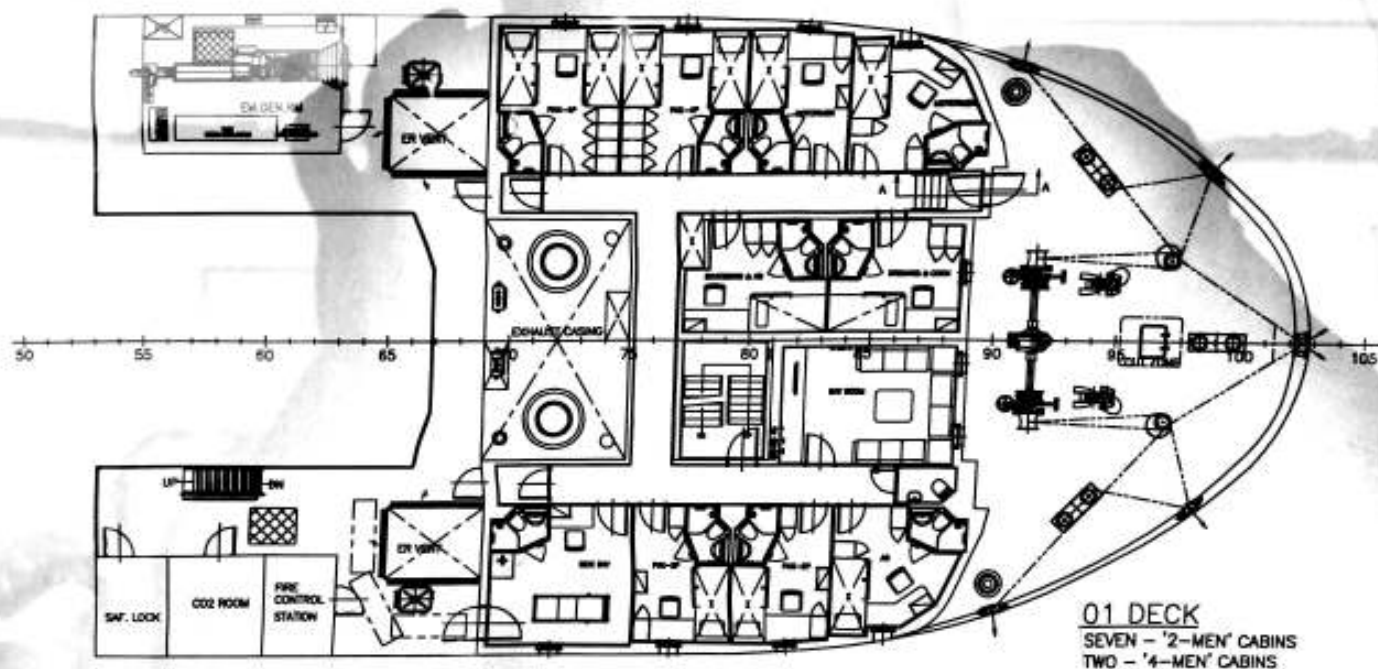
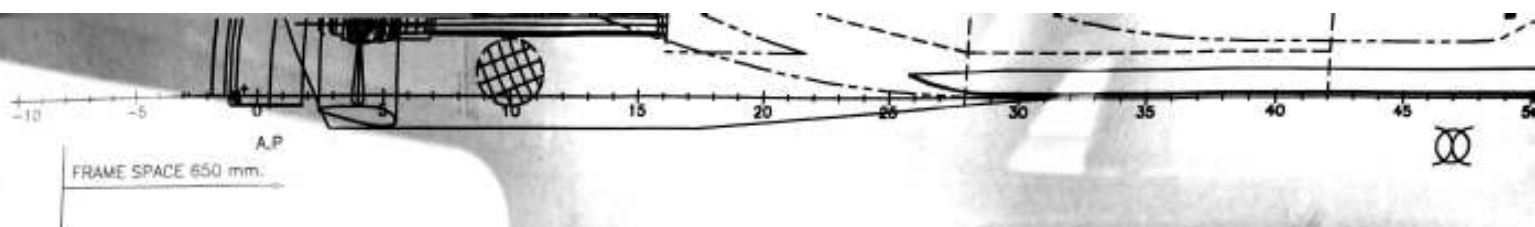


g / special service – anchor handling

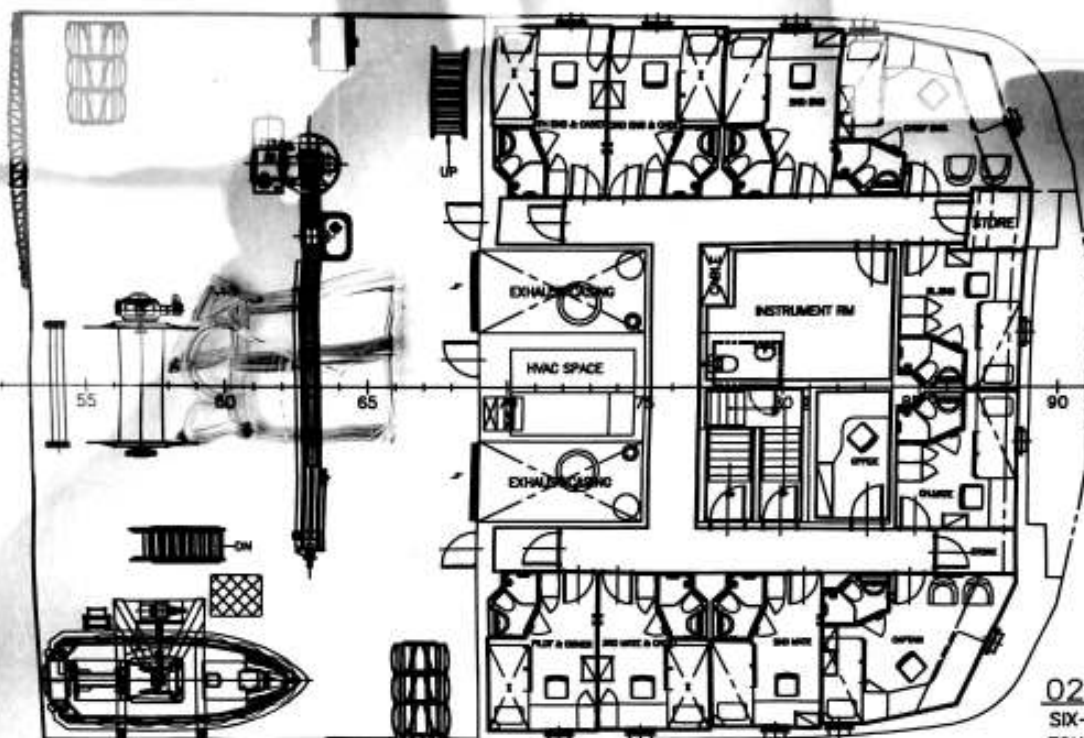




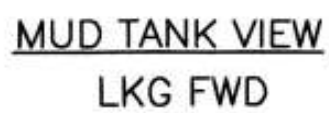
AFT VIEW
LKG FWD

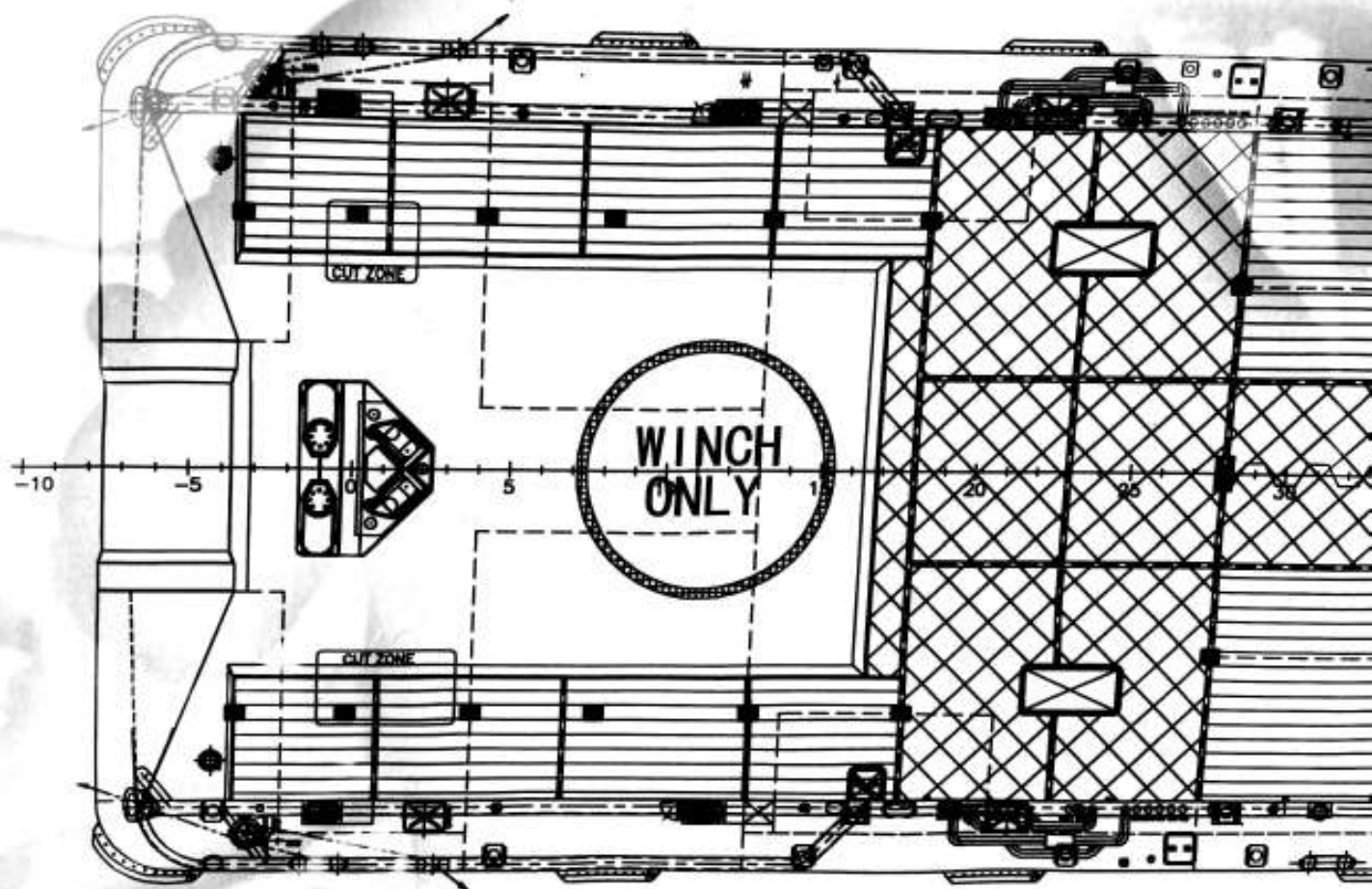


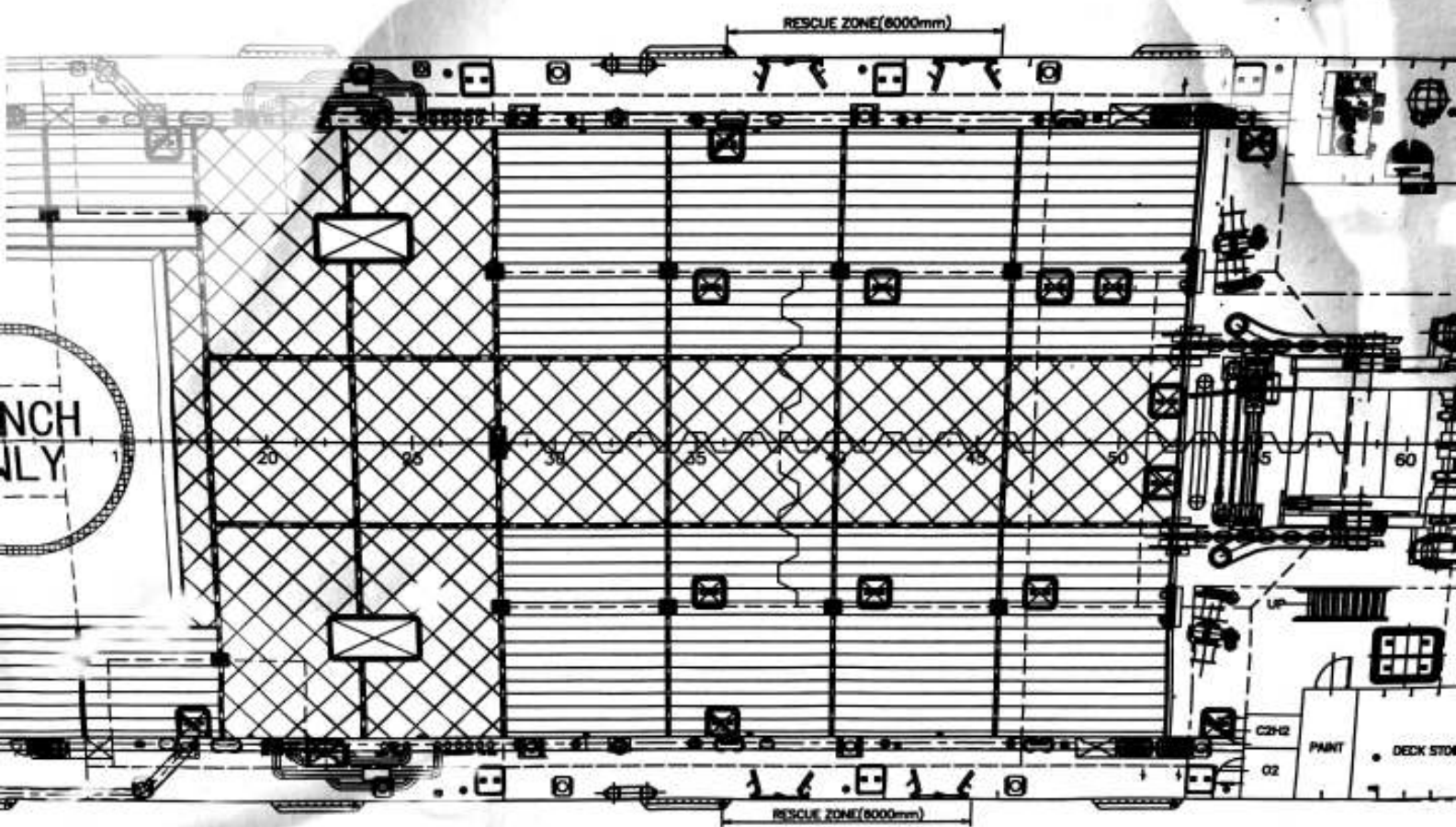
F.P
OUTBOARD PROFILE
 LOOKING PORT

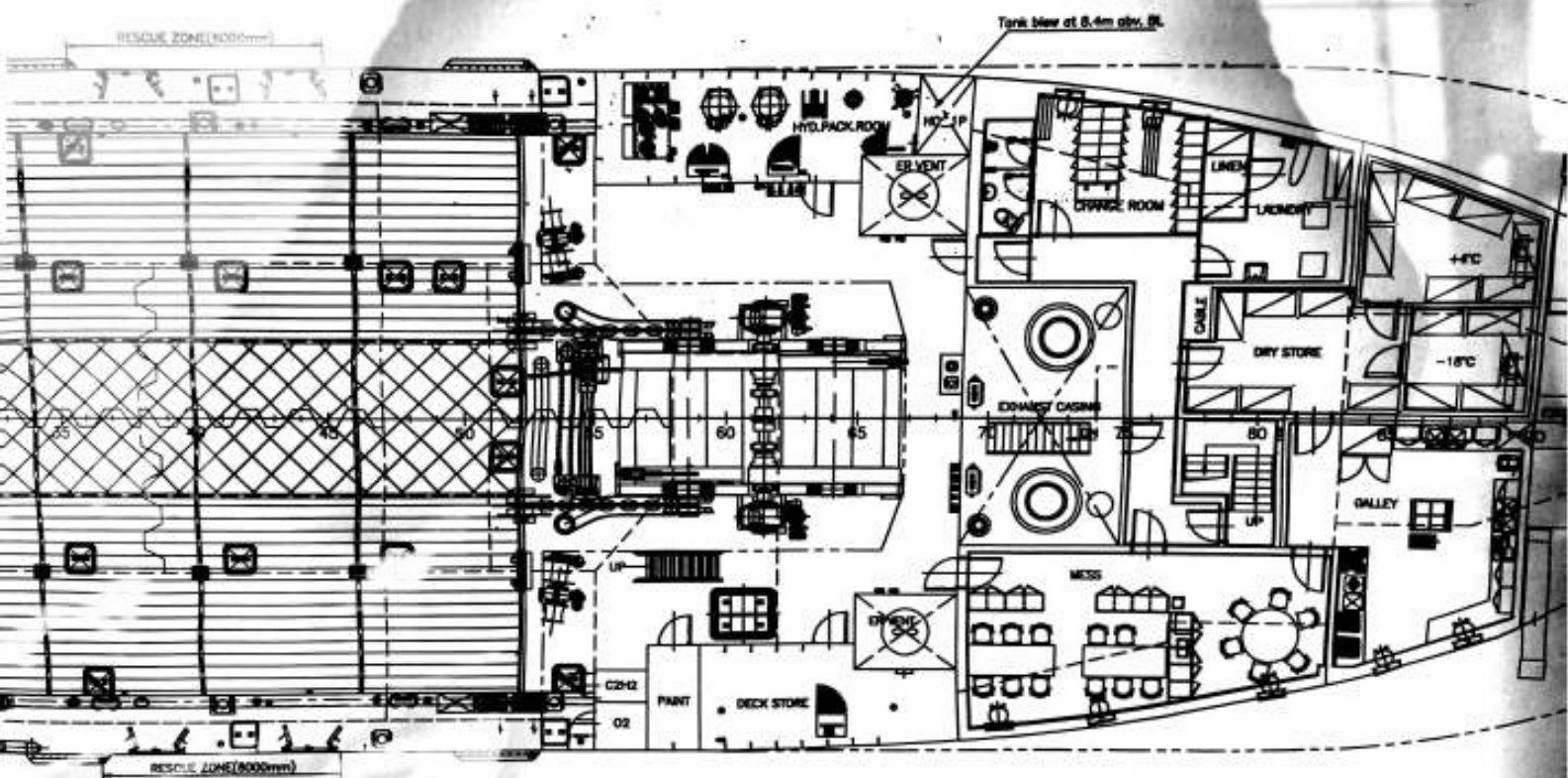


02 DECK (13.60m ABL)
 SIX- '1-MAN' CABINS
 FOUR- '2-MEN' CABINS

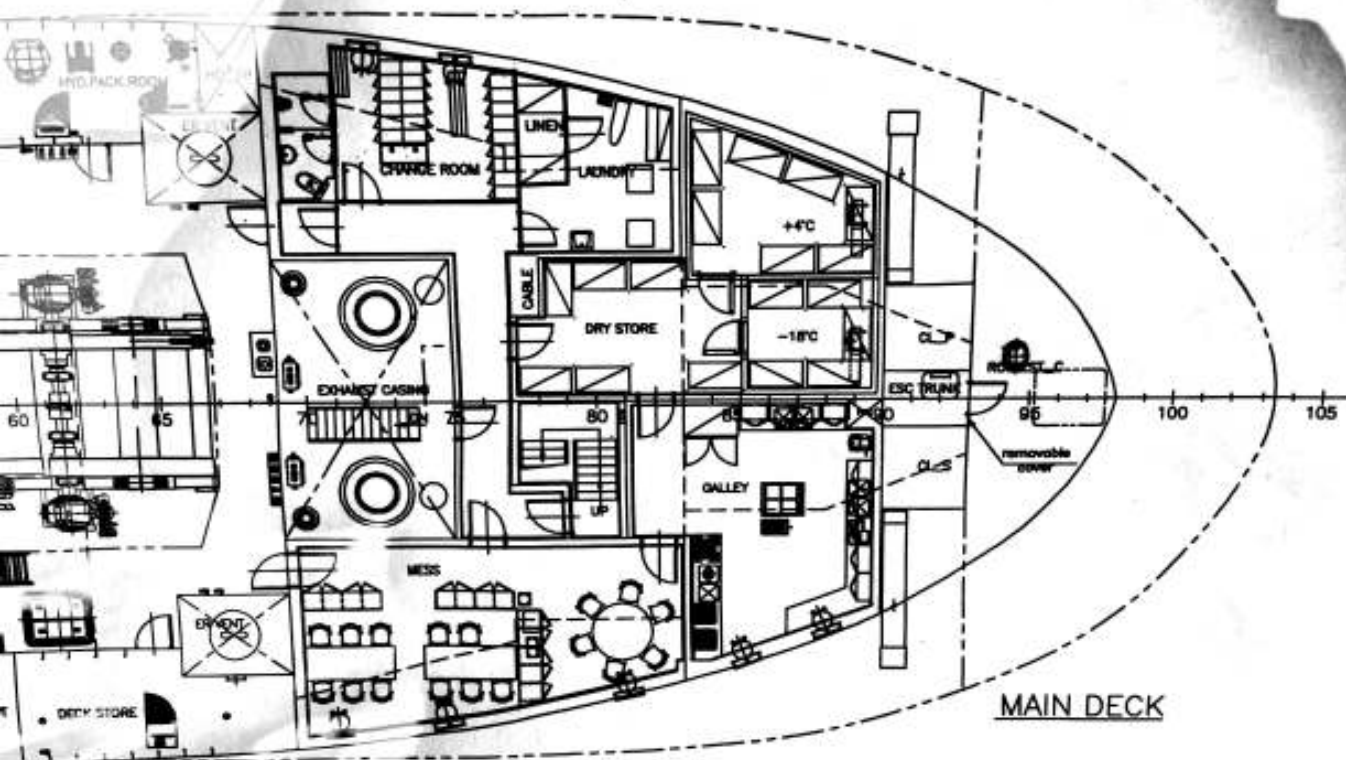


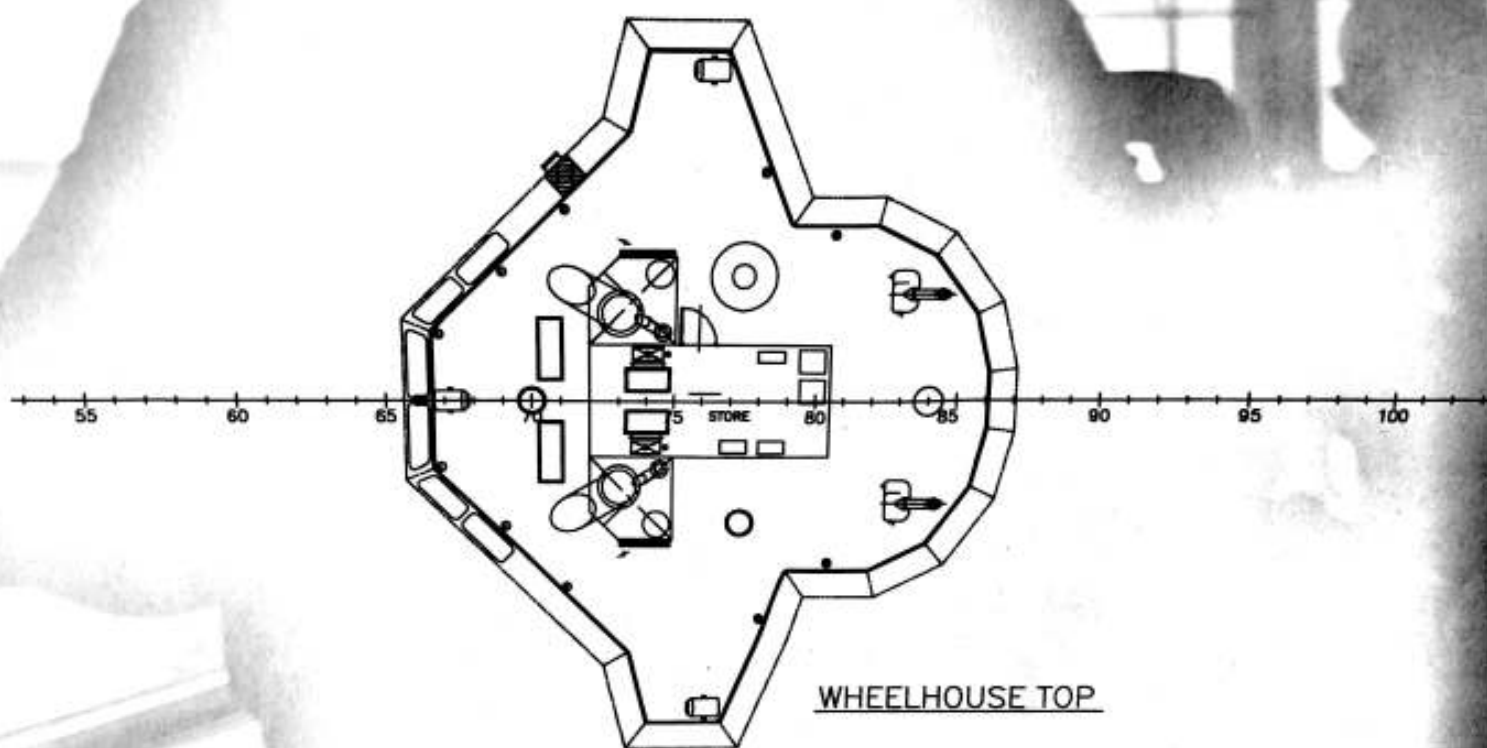


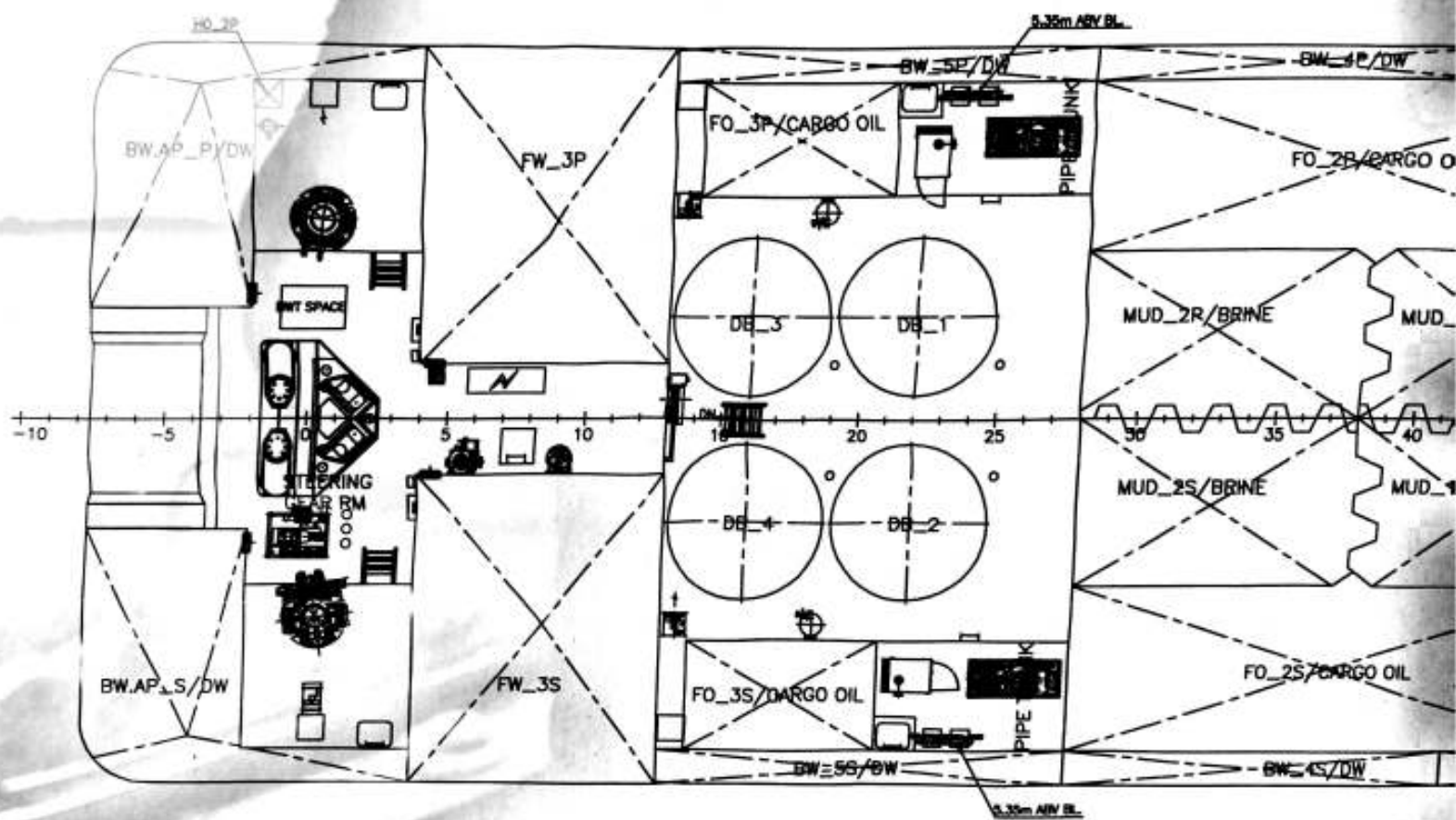


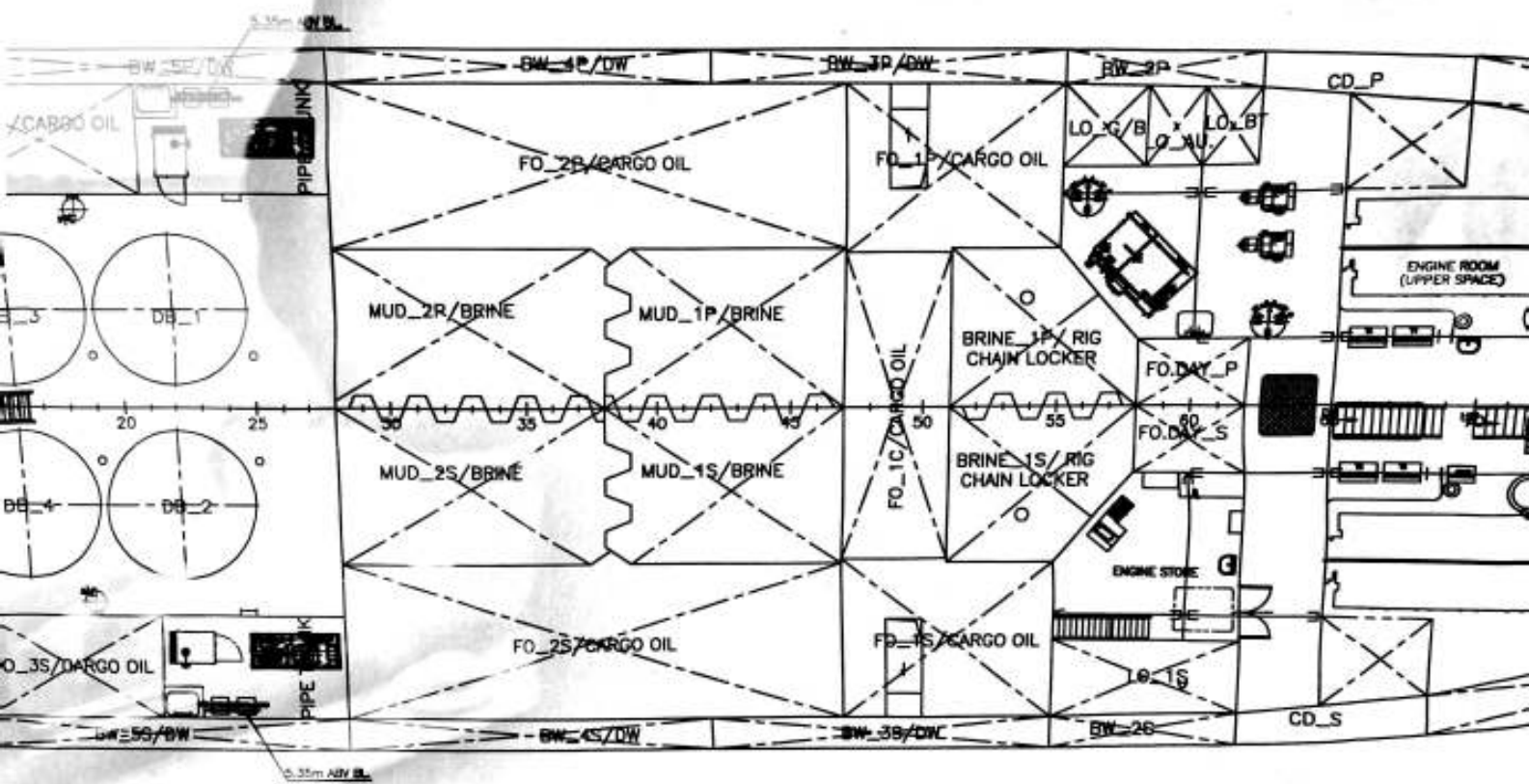


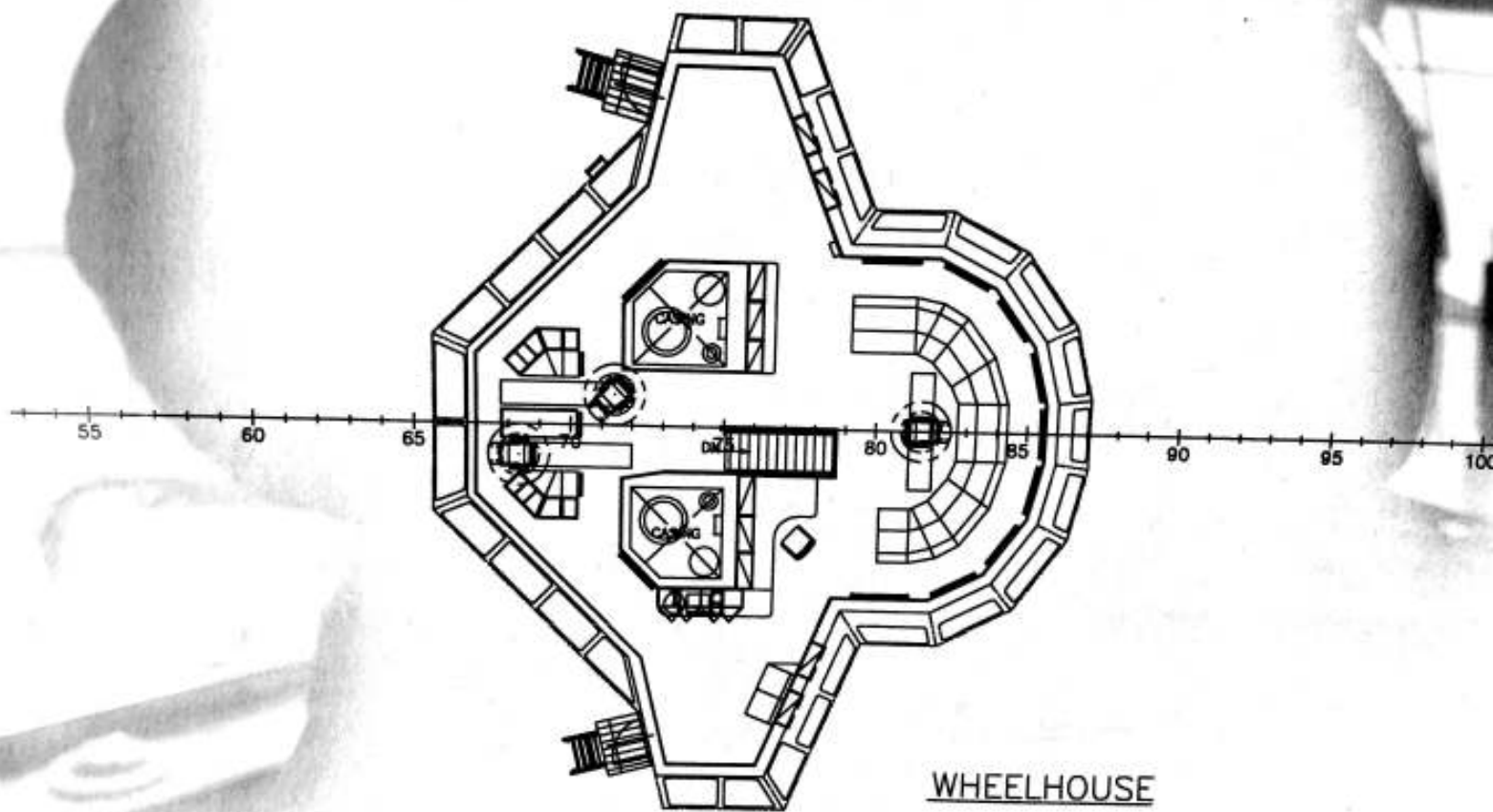
Work blow at 8.4m abv. DL

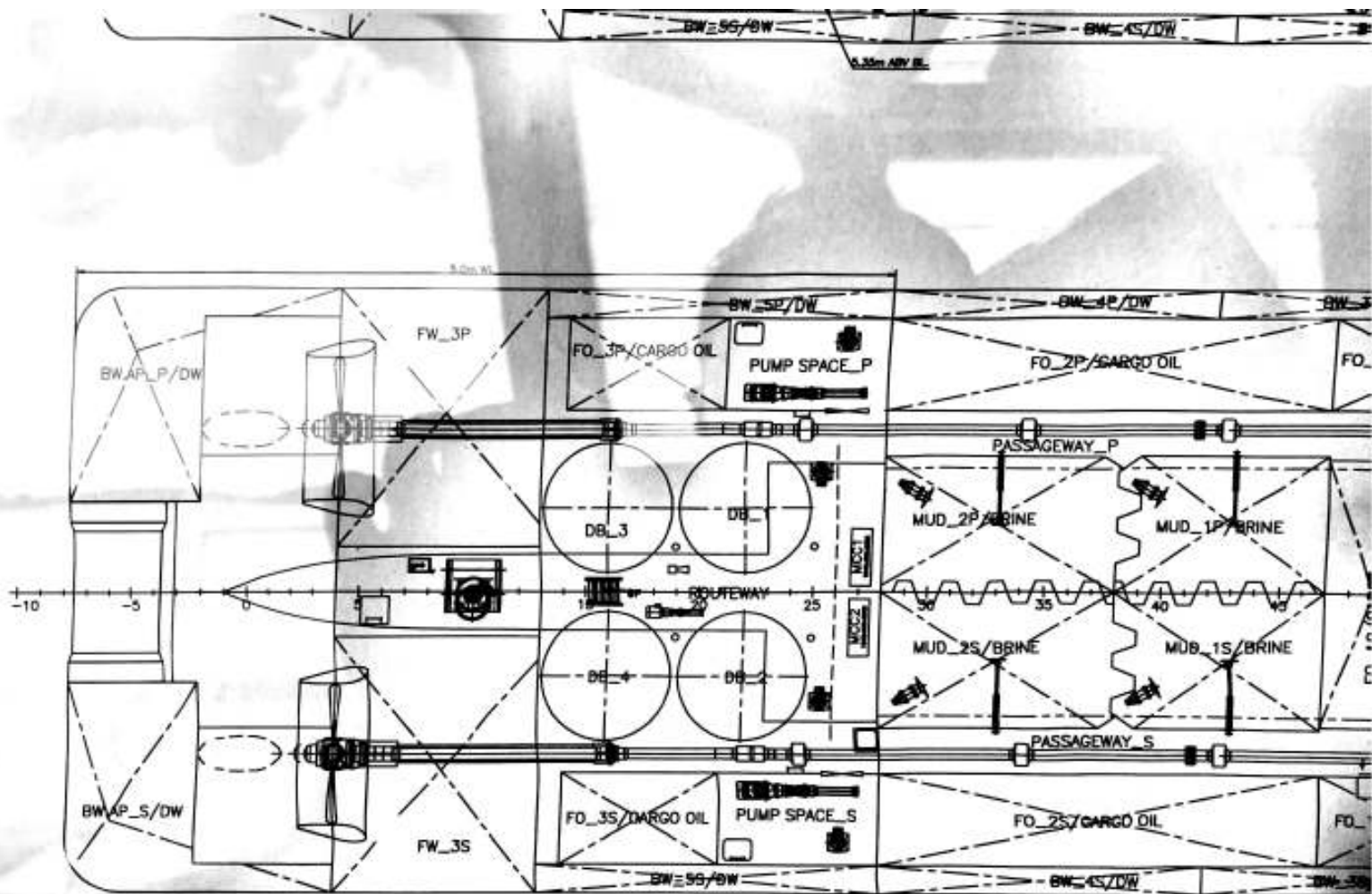


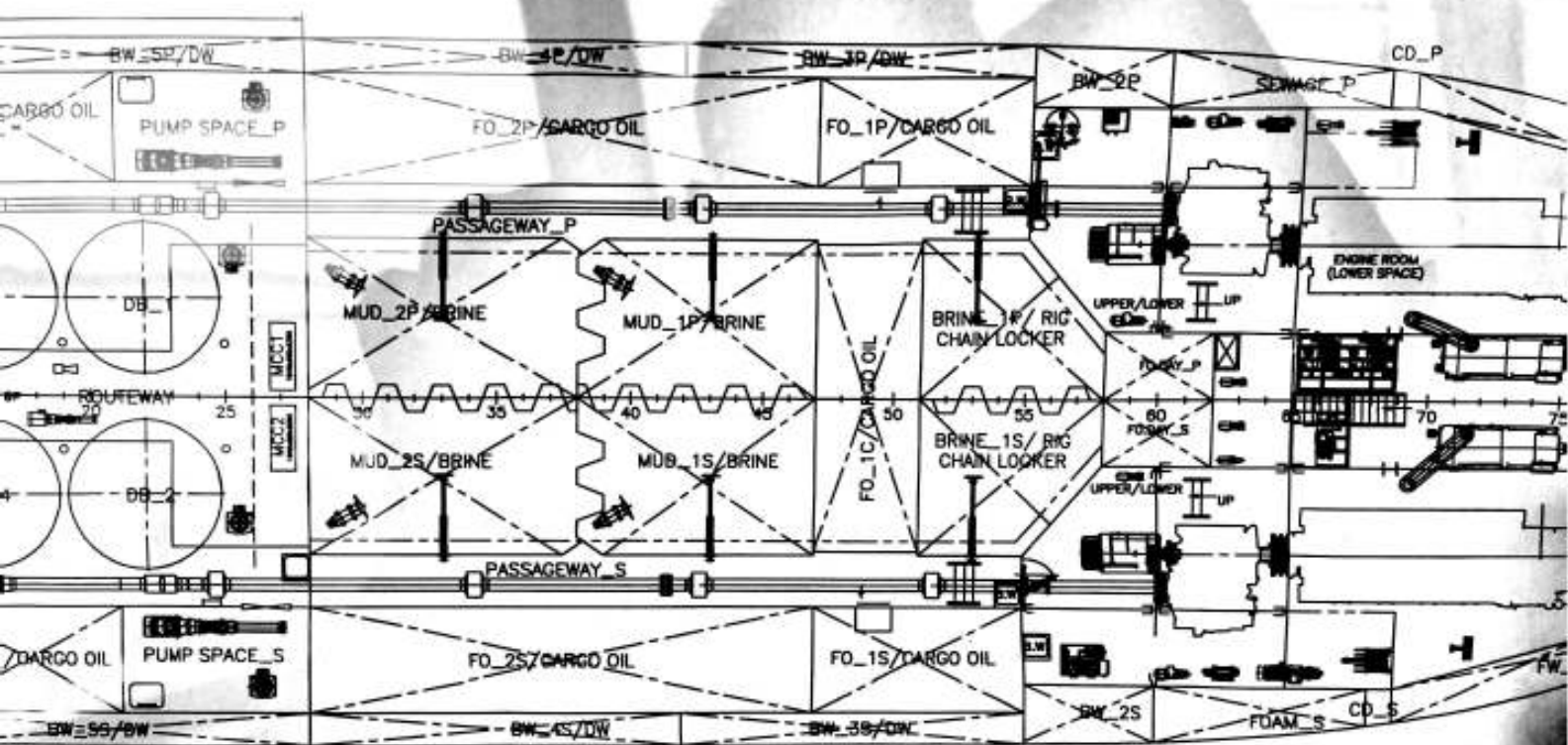


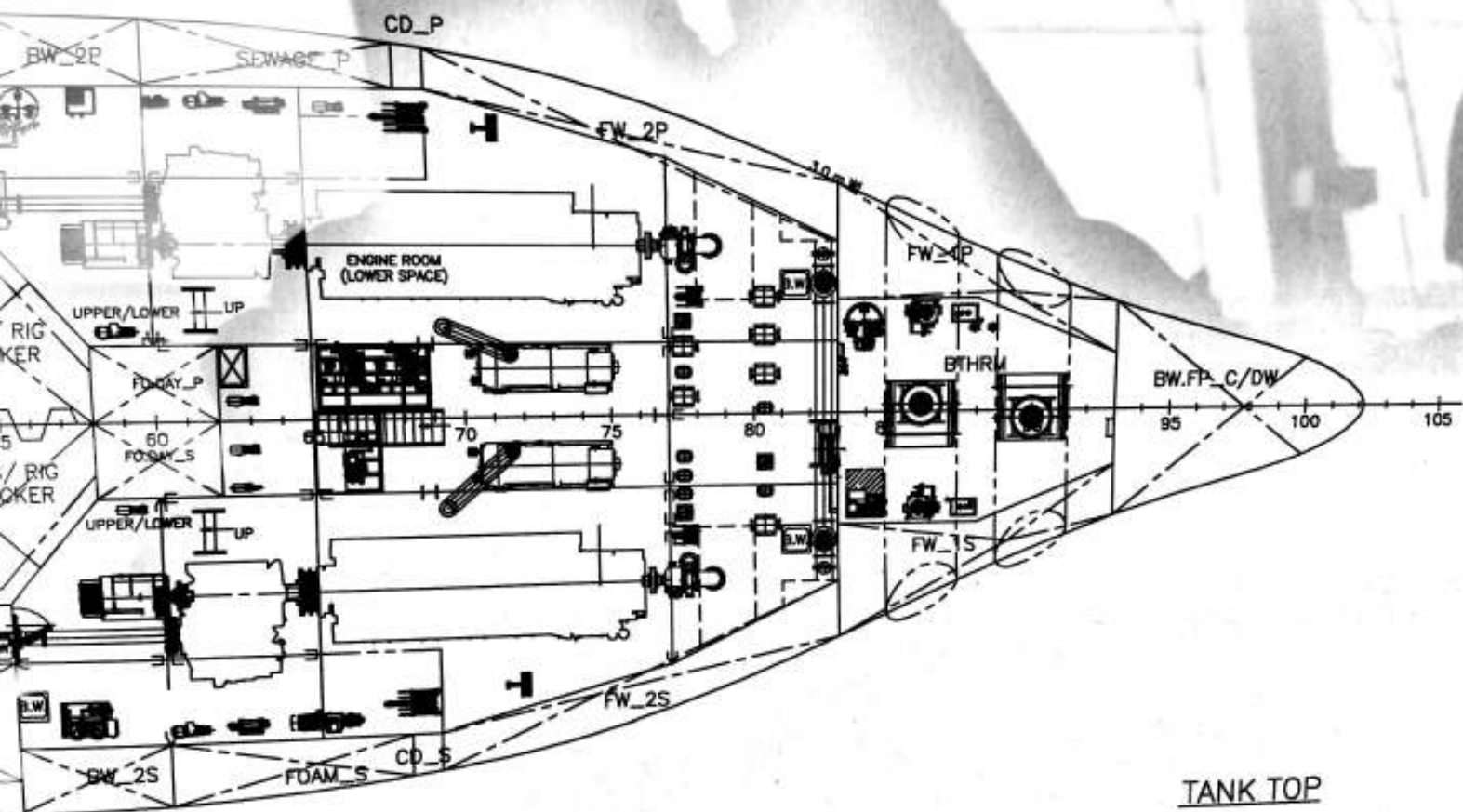




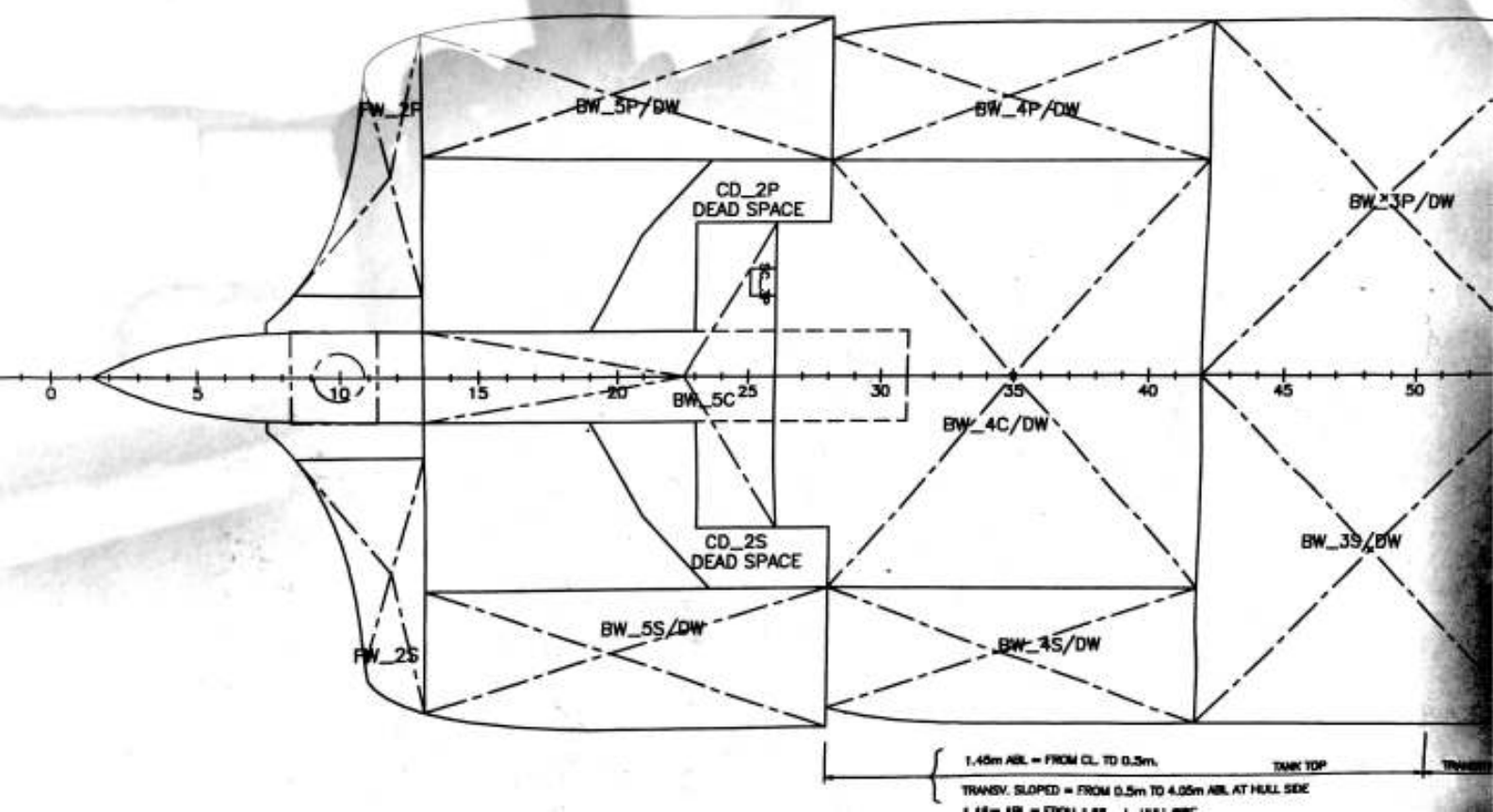


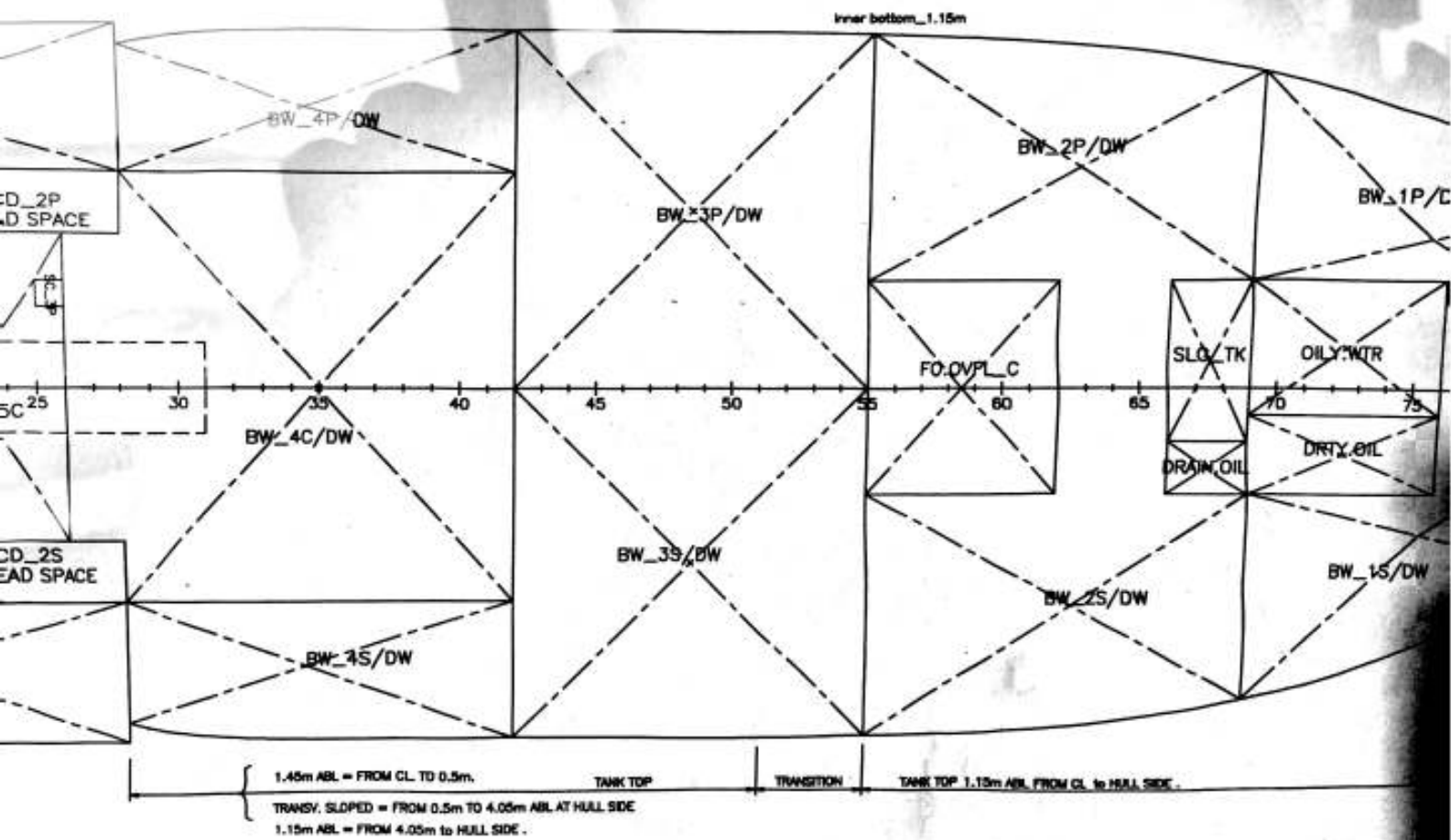


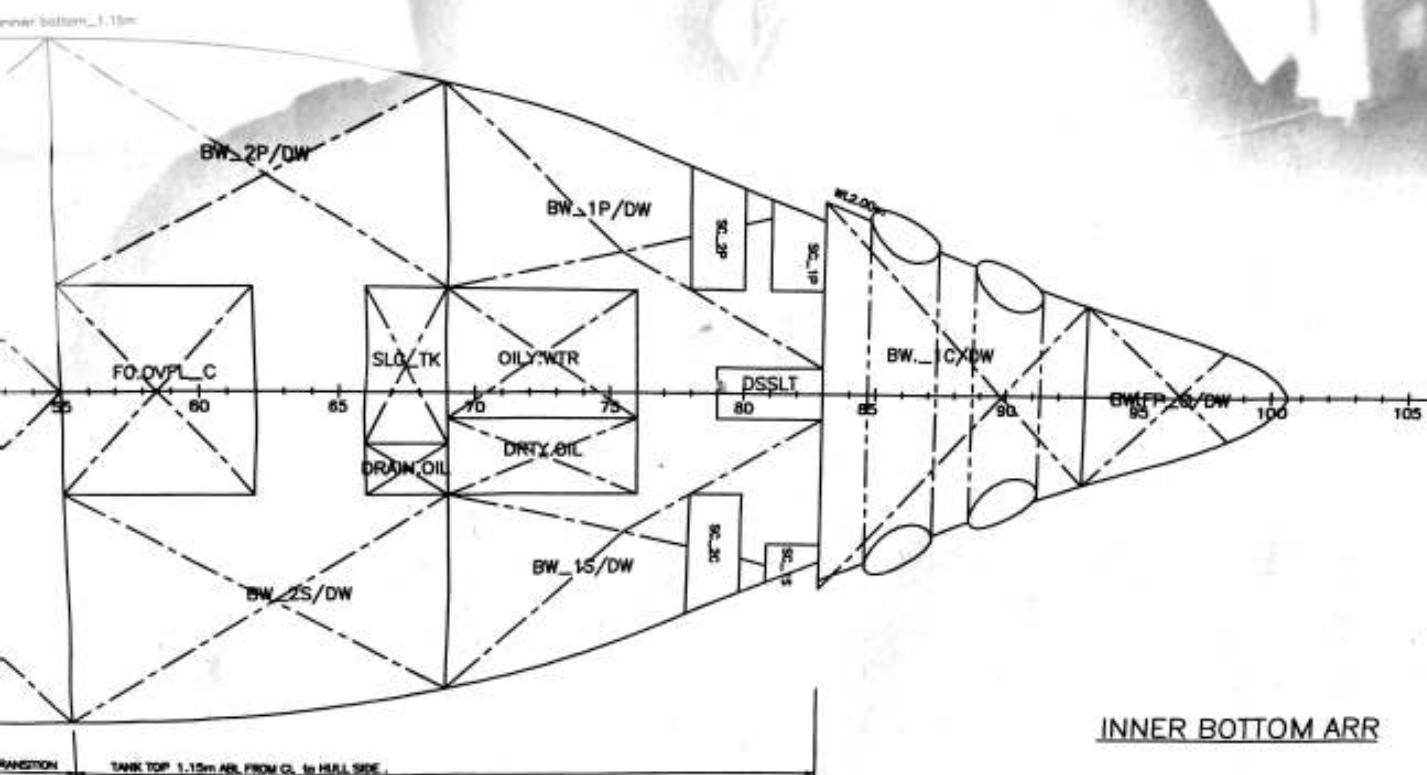




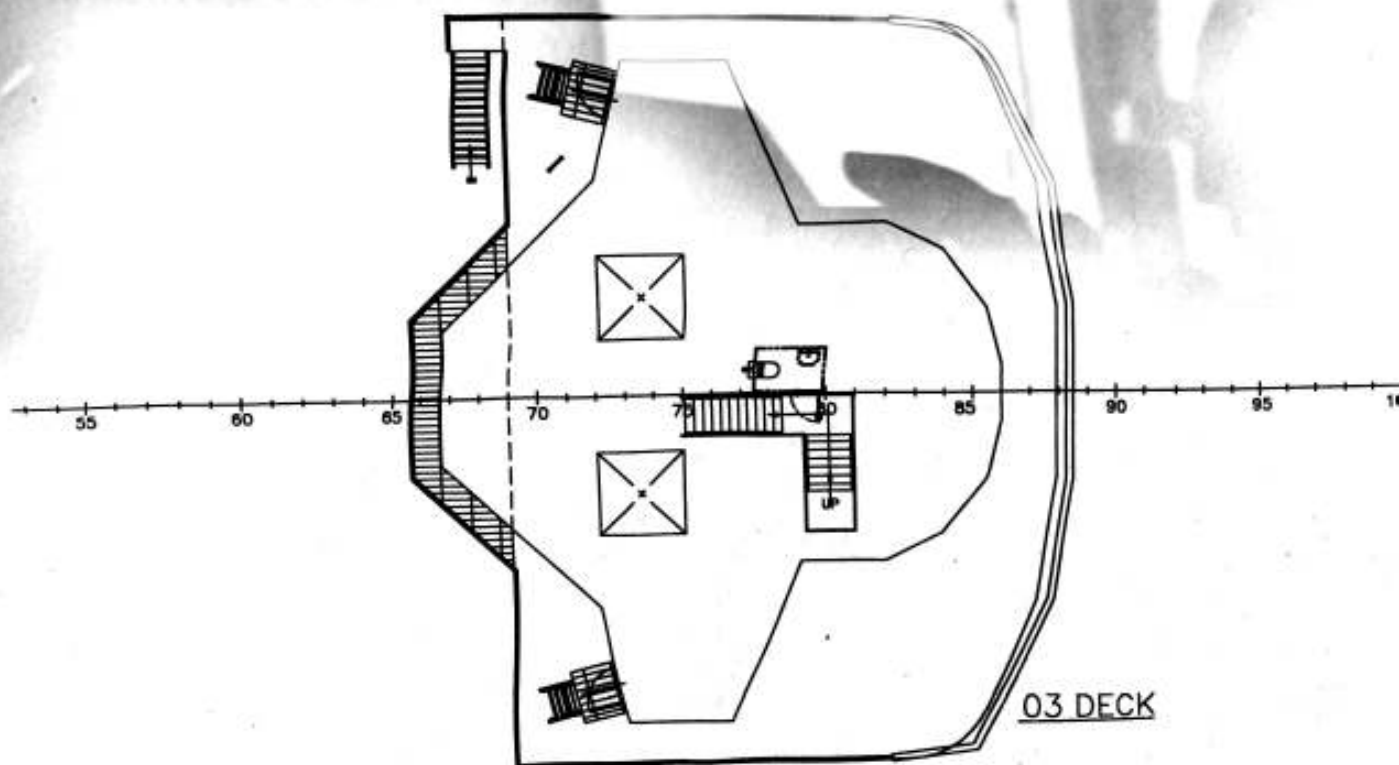
TANK TOP







INNER BOTTOM ARR



REFERENCES

NO.	DWG No.	TITLE
1		
2		
3		

CLIENT:  FEMCO 38 Kuritskaya St., Yuzhno-Sakhalinsk, 693000, Russia Tel: +7(4242)31-20-60 +7(4242)31-20-61 Fax: +7(4242)31-20-62		APPROVED BY OWNER: — CLASS: BV PROJECT: SPA150 ANCHOR HANDLING/TUG,SUPPLY VESSEL	DATE — — —	FILE NO. — — PHASE: DETAIL DESIGN HULL No.: DY2003
DWN: FANG Jing CKD: CHEN Huidi COS: — ACPD: WENG Huigan APVD: — DATE:	TITLE: GENERAL ARRANGEMENT 总布置图	DWG No. SDA806-101-101 SHEET 1 / 1	REV. 0 WEIGHT — SCALE 1/150	
BUILDER: SINOPACIFIC SHIPBUILDING GROUP Co.LTD.		DESIGNER:  SHANGHAI DESIGN ASSOCIATES 3F, Oriental Business Building, No.566 Panyu Road, Changning District, Shanghai, China 200052 Email: SDA@sino-pacific.com.cn Tel: +86-21-61976288 Fax: +86-21-61976338		

FORMAT: A0-841x1189 AREA: 1.00m²



FLAG STATE CERTIFICATES

AHTS DP 2 SPEC NICHOLE

Last update: 21/04/2025

#		Certificate Number	Issued	Last Survey	Expire
1	Registry Certificate (Permanent)	781-24-MIA	28/05/2024		
1a	Port Authority Letter	452-24-MIA	22/03/2024		
2	Minimum Safe Manning		02/02/2024		
3	Radio Station License		19/03/2024	19/03/2024	19/03/2028
4	International Oil Pollution Prevention Certificate	SGP0/ZCH/20240814043430	23/09/2024	18/02/2025	29/04/2029
5	International Sewage Pollution Prevention Certificate	SGP0/ZCH/20240814044132	23/09/2024	30/04/2024	29/04/2029
6	Cargo Ship Safety Equipment Certificate	SGP0/ZCH/20240814031144	23/09/2024	18/02/2025	29/04/2029
6a	Record of Approved Ship Safety Equipment	SGP0/ZCH/20240814031144/E	23/09/2024		
6b	Stern Light Exemption Certificate		25/09/2024		29/04/2029
7	Cargo Ship Safety Radio Certificate	SGP0/ZCH/20240814031727-E1	23/09/2024	18/02/2025	29/04/2029
7a	ISRC Form R		14/02/2025		
8	Document of compliance - IMDG	SGP0/ZCH/20240814042752	23/09/2024	30/04/2024	29/04/2029
8a	Record of approved cargo ship Crew Accommodation	SG10/DYN/20151125115225		15/03/2016	
8b	Record of approved ship Crew Accommodation	SG10/DYN/20151125120749		15/03/2016	
9	Document of Compliance - Company	HBR0/MRI/20240821110659	20/08/2024	20/08/2024	11/10/2029
10	Safety Management certificate	SGI/FZN/20250109044413	09/01/2025	03/10/2024	02/10/2029
11	Declaration of Company Letter		10/04/2024		
11a	International Safety Management - DPA		17/01/2024		
12	International Ship Security Certificate	SG10/FZN/2025109044657	09/01/2025	03/10/2024	02/10/2029
13	Continuous Synopsis Record (#11)		15/02/2024		
14	International Anti-fouling System Certificate	SG10/FZN/20240813112300	13/08/2024	30/08/2024	
15	Certificate of Fitness - IMDG/Nox	20240814041756	23/09/2024	18/02/2025	29/04/2029
16	Conformance Test report(LRIT)		05/02/2024	18/01/2025	17/01/2026
17	International Energy Efficiency certificate	SGP0/ZCH/20240814050052	23/09/2024	30/04/2024	
18	MLC certificate of Compliance	SG10/FZN/20250109044859	09/01/2025	03/10/2024	02/10/2029
18a	DMLC - part I		16/02/2024		
18b	DMLC - part II		16/02/2024		
19	Certificate of entry - Owner's P&I	2024 43589 211	20/02/2024		20/02/2026
19a	P&I, MLC Financial Security 4.2.1 - Shipowners		20/02/2025		20/02/2026
19b					
19c	P&I Civil Liability - Bunkers oil Pollution	20240 513907 AA1	20/02/2025		20/02/2026
19d	P&I, MLC Financial Security 2.5.2 - Seafarers		20/02/2025		20/02/2026
19e	Marine Insurance H & M		08/04/2025		07/04/2026
19f	Flag Certificate - Bunker Civil Liability		20/02/2025		20/02/2026
19g	Flag Certificate - Removal Wrecks		20/02/2025		20/02/2026
19h	P&I Certificate - Removal Wrecks	20250 513907 AA1	20/02/2025		20/02/2026
19i	P&I Comprehensive General Liability	202543589301	20/02/2025		20/02/2026
20	International Tonnage Certificate (1969)	25166G/CPO/2.0.1	29/02/2024		
21	Flag State Verification and Acceptance	SG10/HWG/20240923110153	23/09/2024		29/04/2029
22	Static Bollard Pull Certificate	DKT0/HSW/20240814070656	14/08/2024		
23	Panama Canal Tonnage Certificate	14758/1	21/01/2016		
24	Suez Canal Tonnage Certificate	14758	21/01/2016		
25	Flag Tonnage Tax		07/10/2023		

Outgoing Master:



CLASS STATE CERTIFICATES

AHTS DP 2 SPEC NICHOLE

Last update: 12/06/2025

#		Certificate Number	Issued	Last Annual Survey	Expire
1	Class Certificate	SGP0/ZCH/20240814025619	23/09/2024	18/02/2025	29/04/2029
2	Register of ship's lifting appliances and cargo handling gear	DKT0/ULT/20250305020940	30/04/2024	18/02/2025	18/02/2026
3	Attestation of test embarkation/diembarkation - Gangway	SGI0/ENC/20240429182600		30/04/2024	
4	Attestation of test embarkation/diembarkation - Rescue Boat	SGI0/ENC/20240429181643	30/04/2024	30/04/2024	29/04/2029
5	Cargo Ship Safety Construction Certificate	SGP0/ZCH/20240814030436	23/09/2024	18/02/2025	29/04/2029
6	International Load Line Certificate	DKT0/ULT/20250617125219	17/06/2025	18/02/2025	29/04/2029
6a	Freeboard Assignment		05/11/2014		
7	Ships in Service Survey Report		14/05/2024	24/09/2024	
7a	Interim Survey Statement	SGI0/2024/J5395	14/05/2024	04/05/2024	
7b	Class Survey Status Report				
8	International Air Pollution Prevention Certificate + Supp	SGP0/ZCH/20240814045112	23/09/2024	18/02/2025	29/04/2029
8a	[MEI] Engine IAPP Certificate + Supplement	SGI0/ENC/20240429170331	30/04/2024		
8b	[MEZ] Engine IAPP Certificate + Supplement				
8c	[AEI] Engine IAPP Certificate + Supplement				
8d	[AEZ] Engine IAPP Certificate + Supplement				
9	NOX Technical files	SGI0/DYN/20151125115626	15/03/2016		
10	Record of Const. and Equipment for Preven. Oil Pollution Nox	SGI0/DYN/20151125115055	15/03/2015		
11	International Ballast Water Management Certificate	SGP0/ZCH/20240814045856	25/09/2024	18/02/2025	29/04/2029
11a	Ballast Water Management Plan Approval		20/01/2024		
12	Statement of Compliance Prevention Pollution by Garbage	SGP0/ZCH/20240814044421	23/09/2024	30/04/2024	29/04/2029
13	Flag State Inspection			05/05/2024	
14	Certificate of Compliance (MLC - Crew accommodation)	SGI0/DYN/20160117100729	15/03/2016		
OTHER CERTIFICATES					
17	FW Analysis Report	02784/CLAPAS	17/04/2025		
19	Crew Drug & Alcohol Un-announced Test Certificate		25/02/2025		
20	Software Management System - Bassnetr Ver 2.X	19460/F0 BV	22/08/2023		29/03/2029
21	Company Management System Certificate - ISO 9001:2015	82555-2010-AQ-NOR-NA	04/12/2022		03/12/2027
21a	Company Management System Certificate - ISO 14001:2015	82554-2010-AE-NOR-NA	04/12/2022		03/12/2027
22	Shore based maintenance declaration	SCTR20900471	26/01/2025		25/01/2026

Date: 04.10.2025

Incoming Master:

Outgoing Master:



LSA AND FFE EQUIPMENT CERTIFICATES

AHTS DP 2 SPEC NICHOLE

Last update: 01/09/2025

#		Certificate Number	Issued	Last Survey	Expire
1	Certificate of Re-inspection (Life-raft#1)	302912769		06/11/2024	06/11/2025
2	Inspection Certificate HRU	23.44.01.00874.269		13/04/2023	
3	Rescue Boat Annual Inspection	6964/CMSI-LSA/11/25		07/02/2025	06/02/2026
4	Rescue Boat 5years Inspection		30/04/2024		29/04/2029
5	BV Attestation Certificate 5years Rescue Boat	33	04/03/2021	04/03/2021	14/03/2026
6	Manufacture Certificate Rescue Boat				
7	Technical Data Engine Rescue Boat				
8	Manufacture Certificate RB Davit Wire	C14-0059	16/01/2014		
9	Manufacture Certificate RB Davit				
11	Chemical Protection	CMSI-FFA/6679/11/25	07/02/2025		06/02/2026
12	Manufacture Certificate Inflatable Lifejacket		01/12/2022		01/12/2027
13	Annual Service of Immersion Suit	CMSI-FFA/6679/11/25	07/02/2025		06/02/2026
14	Annual Service of Life Jackets	CMSI-LSA/6975/11/25	13/02/2025		13/02/2026
15	Annual Service Fireman Outfit	CMSI-FFA/6678/11/25	07/02/2025		06/02/2026
16	Annual Service Breathing Air Apparatus	CMSI-FFA/6682/11/25	07/02/2025		06/02/2026
17	Annual Service of BA Compressor Air Quality	CMSI/FFA/6701/11/25	12/02/2025		12/02/2026
18	Annual Service of Medical Oxygen Sets	CMSI-FFA/6682/11/25	07/02/2025		06/02/2026
19	Annual Service of EEBD	CMSI-FFA/6682/11/25	07/02/2025		06/02/2026
20	Annual Service of CO2 System (Em Generator)	A CMSI-6680/11/25	07/02/2025		06/02/2026
21	Deep fat fryer	MYZS-20240204	04/02/2024		
22	Annual Service of Water Mist System	CMSI-FFA/6685/11/25	07/02/2025		06/02/2026
25	Annual Service of Fire Extinguishers	CMSI/FFA/6681/11/25	07/02/2025		06/02/2026
26	Annual Service of Foam Applicator	MYZS-20240204	04/02/2024	01/2026	
27	Calibration and Manufacture Certificate of Gas Detectors				
28	Manufacture Certificate of Pilot Ladder SS	MEDB0006MR	19/01/2024		
29	Manufacture Certificate of Markus Net	ISO-9001-00008554	07/02/2024		
30	Ladder Protective Nets Inspection Certificate	SA-1302-2023		25/11/2023	
33	Manufacture Certificate of Lifebuoys	SH23PPS03980-65	10/01/2024		
34	Manufacture Certificate of Lifebuoy Lights	22.00624.120	11/02/2022		
35	Manufacture Certificate of MOB buoy	ZHX202404-05	01/04/2024		04/2027
37	Manufacture Certificate of Safety Harness	OH220530.JCRDT90	02/05/2022		29/05/2027
38	Manufacture Certificate of Insulating Rubber Gloves	P1038	26/02/2020		
39	Manufacture Certificate of Work Vest	SH23PPS03259-01	14/11/2023		

Date: 04.10.2025

Incoming Master:

Outgoing Master:



LLG EQUIPMENT CERTIFICATES

AHTS DP 2 SPEC NICHOLE

Last update: 31/03/2025

#		Certificate Number	Issued	Last Survey	Expire
1	Main AH-T Winch BV Certificate	489KTU14REV01	10/07/2015	09/07/2014	N/A
2	Manufacture Certificate of Shark-Jaw & Towing Pins	2014-L-J-00013	01/09/2014	23/07/2014	N/A
3	BV Attestation Certificate of Towing Pins	03739CHN14	24/07/2014		
4	Manufacture Certificate of Spare Reel	150041	25/06/2015		
5	Manufacture Certificate of Stern Roller		01/12/2014		
6	Manufacture Certificate of Towing Wire	20148CHN23-2REVI	27/01/2024	27/12/2023	
7	Manufacture Certificate of AH Wire	20148CHN23-2REVI	27/01/2024	27/12/2023	
8	BV Certificate of Sling (Towing & AH wires)	21199CHN24-5	04/05/2024		
9	BV Certificate of Pennant Wire + Termination Report	20148CHN23-2REVI	27/01/2024	27/12/2023	
10	Manufacture Certificate of Spare Wire + Mill Certificate	UM-L4-QA-61C	16/03/2024	16/03/2024	
11	Manufacture Certificate of AH-T Wire Sockets [PeeWee]	JY21PPS00516-01	25/03/2021		
12	Manufacture Cert. of Spare Wire Socket + Termin. Report	K2018	04/07/2024		
13	Mill Certificate of Spare sockets [Spelter]	SL202404174909	01/04/2024		
14	Manufacture Certificate for Tugger Winch	150043	25/06/2015		
15	Manufacture Certificate for Tugger Winch wires	SH23PPS03291-08	10/11/2023		
16	Manufacture Certificate for Capstan	150044	25/06/2015		
17	Certificate for Crane, Components and Accessories	13460CHN14	05/12/2014	03/12/2014	
17a	Inspection Result Report Pedestal crane		14/02/2025	14/02/2025	14/02/2026
18	BV certificate of Steel Wire for Crane	10897CHN14	01/09/2014	01/09/2014	
19	BV certificate for Hook Crane	10896CHN14A	02/09/2014	01/09/2014	
20	Manufacture Certificate for Crane Steel Wire	SH23PPS03883-05	15/01/2024		
21	Certificate of product Crane Hook & Lock-alloy SK		02/04/2024		
22	Manufacture Certificate of Crane Hook Chain	JY24PPS00161-12	25/01/2024		
23	BV Attestation of Cargo Gear Survey	45	30/04/2024	30/04/2024	
23a	BV Cert. of Test and Thorough Examin of Lifting Appliances				
23b	Provision Crane Load Test		15/01/2024	18/02/2024	
23c	Register of ship's lifting appliances and cargo handling gear		30/04/2024		
24	Manufacture Certificate of Crane Hook Chain & Lock-Alloy				
25	BV Certificate + Manufacture Certificate - Manual Troller	09179CHN14	06/10/2014	23/06/2014	
26	Manufacture Certificate of FRC Davit Wire (Spare)	SH23PPS03883-07	15/01/2024		
27	Manufacture Certificate for Fuse Wire + Mill Certificate	BUS2207662/1	19/08/2022	17/08/2022	
28	Manufacture Certificate for Wire Slings	RP22JB00067	13/06/2022		
29	Manufacture Certificate for Synthetic Rope Grommet	240412Y31	12/04/2024		
30	Manufacture Certificate for Synthetic Rope Grommet	240412Y30	12/04/2024		
31	Manufacture Certificate for J-Hook	09-6722-SQ-09	29/06/2009		
32	Manufacture Certificate for Grapple	07417CHN20	16/08/2020	30/07/2020	
33	Manufacture Certificate for Buoy Catcher	V 268-24	Jun-24	15/05/2024	
34	Manufacture Certificate for Gog-Chain	JJG 2310229/2	Jun-24		
35	Manufacture Certificate for Link-Chain	QDO 1710611/12	12/10/2017		
36	Manufacture Certificate for Snatch Block + Magnc Particle	FOI-ISO-2406134	24/06/2024		
36a	Manufacture Certificate for Snatch Block	XMG202404F	11/07/2024		
37	Manufacture Certificate for Chain Block	AM504108340001	28/08/2018		
37a	Manufacture Certificate for Chain Block				
37b	Manufacture Certificate for Chain Block				
38	Manufacture Certificate for Shackles (unknow)				
38a	Manufacture Certificate for Shackles (unknow)				
39	Manufacture Certificate for Baldr Link (Pear Link)		09/01/2013		
	Manufacture Certificate for Wire Clip U-Bolt Red [3" - 76mm]	CC1-2025022000583	20/02/2025		
40	Manufacture Certificate for Wire Sleeve		15/04/2024		
41	Manufacture Certificate for Delta Plate	JY24PPS00161-12	25/01/2024	18/01/2024	
42	Manufacture Certificate for Shackle 9.5T		2024		
43	Manufacture Certificate for Shackle 13.5T		2024		
44	Manufacture Certificate for Shackle 25T		2024		
45	Manufacture Certificate for Shackle 35T		2024		
46	Manufacture Certificate for Shackle 55T		2024		
47	Manufacture Certificate for Shackle 85T		2024		
48	Manufacture Certificate for Shackle 120T		2024		
49	Manufacture Certificate for Shackle 150T		2024		
50	BV Certificate for Anchor Mooring Windlass	2422GDA14B	26/02/2016	11/07/2014	
50a	Manufacture Certificate for Power Pack				
51	BV Certificate for Anchor Chain	08219-1CHN15	28/05/2015	19/05/2015	

Date: 04.10.2025

Incoming Master:

Outgoing Master:



NAVIGATION EQUIPMENT CERTIFICATES

AHTS DP 2 SPEC NICHOLE

Last update: 21/04/2025

#		Certificate Number	Issued	Last Survey	Expire
1	Service Report. Annual GMDSS Equipment		14/02/2025		
2	Record of approved GMDSS Radio installation		14/02/2025		14/02/2026
3	Periodical survey report for issuance/renewal of ship safety radio certificate		14/02/2025		14/02/2026
4	[BV] Automatic Identification System Test Report		14/02/2025		14/02/2026
5	Manufacture Certificate AIS		21/03/2014		
6	Manufacture Certificate VHF DSC stations		26/03/2015	14/02/2025	
7	Annual Test of EPIRB Certificate		14/02/2025		14/02/2026
	EPIRB Battery				01/01/2032
	EPIRB HIRU				01/01/2026
8	Annual Test of SARTs Certificate		14/02/2025		14/02/2026
	SART Battery				01/02/2030
9	Annual Test of SSAS		14/02/2024		14/02/2026
10	Ship Radio Station Certificate		19/03/2024		19/03/2028
16	Manufacture Certificate of Mag. Compass + Magnetic Table	203220	21/04/2024		21/04/2026
17	Annual Service Reports Gyro Compass 1-3		08/02/2025		08/02/2026
	Manufacture Certificate of Gyro Compass				
	Manufacture Certificate of Gyro Compass				
18	Manufacture Certificate of Weather Facsimile	09214178/AA/00	14/10/2010		
23	Calibration Certificate of Digital Anemometer		31/08/2015		
25	Test Certificate of CCTV Equipment	221025-22142/2			
26	Quartz Chronometer	YT15P00088_03	28/05/2015		
27	Antenna Arrangement	CPO/I3/07160	02/12/2013		
28	Radio Equipment for Life Saving		14/02/2025		
	VHF MCMURDO R5 - 0496830202 - Battery				01/06/2029
	VHF MCMURDO R5 - 0512120097 - Battery				01/06/2029
	VHF MCMURDO R5 - 0533210029 - Battery				01/06/2028

Date: 04.10.2025

Incoming Master:

Outgoing Master:



THE REPUBLIC OF LIBERIA
LIBERIA MARITIME AUTHORITY

Permanent Certificate of Registry

800 Waterford Way, Suite 350
Miami, Florida 33126
USA
Tel: +1 786 936 3750
E-mail: registrations@liacr.com
Website: www.liacr.com

Certificate Number
781-24-MIA

Special Conditions: This vessel is bareboat chartered by the registered owner SPEC 3 LIMITED of Liberia, to SINOPACIFIC ENGINEERING & CONTRACTING SHIPPING PTD. LTD of the SINGAPORE for the period of 3 years based on the Bareboat Charter Party Agreement dated May 7th, 2024. The C/P will expire after Thirty six (36) months commencing from (and including) the Delivery Date. During the bareboat charter period the vessel will have no right to fly any other flag than the flag of the Republic of Liberia.

Vessel Particulars

VESSEL NAME:	SPEC NICHOLE	IMO NUMBER:	9701126
VESSEL TYPE:	TUG/SUPPLY VESSEL	HOME PORT:	Monrovia
FORMER FLAG:	Newbuilding	OFFICIAL NUMBER:	16811
FORMER NAME:	KATUN	CALL SIGN:	D5HX8

Principal Dimensions

LENGTH OVERALL:	72.000 m
LENGTH*:	65.720 m
BREADTH:	17.200 m
DEPTH*:	7.800 m

* acc. International Convention on
Tonnage Measurement of Ships 1969

Tonnages

GROSS TONS*:	2,721
NET TONS*:	1,010

* acc. International Convention on
Tonnage Measurement of Ships 1969

Year Built / Builder Name & Address

YEAR BUILT:	2016
COUNTRY:	China
BUILDER:	Zhejiang Shipbuilding Co., Ltd.

Classification Society

Bureau Veritas

Registered Owner

THIS IS TO CERTIFY THAT pursuant to the provisions of Chapter 2 of Title 21 of the Liberian Code of Laws 1956, as amended, the vessel was registered by:

COMPANY NAME	STATUS	REGISTERED ADDRESS	PROPORTION
SPEC 3 LIMITED	FOREIGN MARITIME ENTITY	Monrovia, Liberia	100%

WHEREAS the Maritime Administrator, on behalf of the Government of Liberia, approved the application of the aforesaid owner for registration of the vessel and whereas the owner has complied with the requirements for registration and submitted same, the vessel is therefore duly registered under the Laws and Flag of the Republic of Liberia.

This certificate has no expiration date

Issued by the Authority of the Government of the Republic of Liberia at Miami, Florida, USA on this 28th day of May, 2024.

Yvonne Clinton

Yvonne Clinton
Deputy Commissioner
Of Maritime Affairs
Republic of Liberia



TO WHOM IT MAY CONCERN: Authenticity of this certificate can be verified on the Flag Administration website at www.liacr.com based on Tracking Identification Number TID and IMO number or issue date, or by contacting the Flag Administration directly at DutyOfficer@liacr.com or Registrations@liacr.com or by calling the number at the top of the certificate.



THE REPUBLIC OF LIBERIA
LIBERIA MARITIME AUTHORITY

800 Waterford Way, Suite 350
Miami, Florida 33126
USA
Tel: +1 786 936 3750
E-mail: registrations@liscr.com
Website: www.liscr.com

CERTIFICATE OF OWNERSHIP AND ENCUMBRANCE

of a vessel registered under the Liberian Flag

IT IS HEREBY CERTIFIED THAT as of February 2nd, 2024 at 08:21:00 AM, E.S.T., according to the records of the Office of the Deputy Commissioner of Maritime Affairs of the Republic of Liberia, the vessel described hereunder:

Vessel Name:	SPEC NICHOLE	Vessel Type:	Tug/Supply Vessel
Official No:	16811	Call Sign:	D5HX8
IMO No:	9701126	Gross Tons:	2721
Net Tons:	1010	Year Built:	2016
Country Built:	China	Date of Registration by current Owner:	February 2nd, 2024
Certificate of Registry Number:	281-24-MIA	Issued Date:	February 2nd, 2024

Is owned by:

Name of Registered Owner	Corporate Status	Registered Address	Ownership Proportion
SPEC 3 LIMITED	Foreign Maritime Entity	80, Broad Street, Monrovia, Liberia	100%

AND THAT there is on record in this office the following instrument of conveyance transferring title to Registered Owner:

From CROWN LIBRA 5 LIMITED, dated 23 January 2024 and recorded on 02 February 2024 at 8:21:00 AM, E.S.T. in Book CV 76 at Page 59.

AND THAT there are on record in this office the following mortgages, liens or other encumbrances:

NONE

Issued by the Authority of the Government of the Republic of Liberia at the port of Miami, Florida, USA on this 5th day of February, 2024 at 11:21 AM, E.S.T.



Margaret Ansumana
Senior Deputy Commissioner of Maritime Affairs
Republic of Liberia





THE REPUBLIC OF LIBERIA
LIBERIA MARITIME AUTHORITY

800 Waterford Way, Suite 350
Miami, Florida 33126
USA
Tel: +1 786 936 3750
E-mail: registrations@liscr.com
Website: www.liscr.com

PORT AUTHORITY LETTER

TO PORT AUTHORITY CONCERNED:

This is to certify that the **SPEC NICHOLE** with Official number **16811** and IMO Number **9701126** obtained a re-issued Liberian Certificate of Registry today under the Liberian Flag in the ownership of **SPEC 3 LIMITED**, registered as a Foreign Maritime Entity in **MONROVIA, LIBERIA**.

Permanent Certificate of Registry No. 452-24-MIA was issued for the vessel on this date.

Official Number 16811 and Call Sign D5HX8 have been assigned to the **SPEC NICHOLE**.

Issued by the Authority of the Government of the Republic of Liberia on this 22nd day of March, 2024.



Margaret Ansumana
Senior Deputy Commissioner of Maritime Affairs
Republic of Liberia





THE REPUBLIC OF LIBERIA
LIBERIA MARITIME AUTHORITY

MINIMUM SAFE MANNING DOCUMENT
Issued under the provisions of regulation V/14.2 of the
INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA, 1974 as amended

Particulars of ship

Name of Ship: SPEC NICHOLE	IMO Number: 9701126	Official Number: 16811
Port of Registry: Monrovia, Liberia	Gross Tonnage: 2721	Main Propulsion(KW): 9000

Type of Ship: Tug/Supply Vessel
Periodically Unattended Machinery Space: Yes

Trading Area: Unrestricted International Voyage

The ship named in this document is considered to be safely manned if, when it proceeds to sea, it carries not less than the number and grades/capacities of personnel specified in the table(s) below

Grade/Capacity	Certificate (STCW Regulation)	Number of Persons
Master	II/2	1
Chief Mate	II/2	1
Officer in Charge of Navigation Watch	II/1	1
Able Seafarer-Deck	II/5	2
Rating Forming Part of a Navigational Watch	II/4	1
1. GMDSS 1st/2nd class Radio Electronic Operator/Maintainer; or 2. At least two deck Officers holding GMDSS General Operator Certificates		
Chief Engineer	III/2	1
Second Engineer	III/2	1
Able Seafarer-Engine	III/5	1
Rating Forming Part of an Engineering Watch	III/4	1

Special Requirements or Conditions, if any:

1. Watchkeeping arrangements shall be at the discretion of the Master but shall never be of lesser standards than those prescribed by the STCW, 1978, as amended thereafter and IMO Resolution A.1047(27), as amended. (See Marine Notice MAN-001)
2. All officers and ratings shall be licensed or rated in the grade listed or a grade above.
3. A rating with Basic Safety Training and training by the company as a lookout can replace one of the required Ordinary Seaman (STCW II/4).
4. Ships with a manning of 10 or more crew shall be provided with a ship's cook trained and certified in accordance with STCW Regulation VI/1 and Regulation 3.2 of MLC, 2006.
5. Classed for Periodically Unattended Machinery Operation: Unless there is a record of a satisfactory periodic Automation Notation survey completed by Class on board the vessel, two additional Engineering Watch Officers and one Additional Able Seafarer Engine are required

Issued at: Dulles, Virginia, USA

Date of Issue: February 2, 2024



Margaret Ansumana

Margaret Ansumana
Senior Deputy Commissioner of Maritime Affairs
Republic of Liberia





THE REPUBLIC OF LIBERIA
LIBERIA MARITIME AUTHORITY

SHIP RADIO STATION LICENSE

Vessel Name	Official Number	IMO Number	Call Sign
SPEC NICHOLE	16811	9701126	D5HX8
Vessel Type	Satellite Identification Number	MMSI	Sea Area
Tug/Supply Vessel	SEE NOTE 1	636016811	A1, A2, A3
Licensee	Date of Issuance	Date of Expiration	
SPEC 3 LIMITED (Foreign Maritime Entity)	19-Mar-2024	19-Mar-2028	

THIS LICENSE MUST BE DISPLAYED IN THE VESSEL'S RADIO ROOM

The Licensee is hereby authorized to use and operate the radio transmitting apparatus located on board the vessel, subject to the laws of The Republic of Liberia and Regulations promulgated by the Commissioner of Maritime Affairs, and further subject to the conditions and requirements set forth below, for the transmission of radio communications during the period for which this License is valid, on the frequencies shown, and other frequencies as the station may be directed by coastal stations or Liberian Government stations.

AUTHORIZED FREQUENCY BANDS IN ACCORDANCE WITH I.T.U. RADIO REGULATIONS

Radio Telegraphy	
Radio Telephony	156-174 MHz (VHF), 1605-27500 kHz (MF/HF Radio)
Radio Navigation	2920-3100 MHz (S-Band Radar), 9320-9500 MHz (X-Band Radar)
Ship Earth Station	1626.5-1660.5 MHz (INMARSAT)
EPIRB	406.0-406.1 MHz
Other Transmitting Frequencies	190-535 kHz, NAVTEX 4209.5 kHz
AIS	156-162 MHz
EPIRB HEX. ID	4F84083560FFBFF
Associated Craft MMSI	
NOTE 1	Listed in Appendix A

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LIBERIA IS PERMITTED TO OPERATE THIS EQUIPMENT

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Issued by the Authority of the Government of the Republic of Liberia
this 19th day of March, 2024.



Margaret Ansumana

Margaret Ansumana
Senior Deputy Commissioner of Maritime Affairs
Republic of Liberia





INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE

No SGP0/ZCH/20240814043430-E1

Issued under the provisions of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, and as amended (hereinafter referred to as "the Convention") under the authority of the Government of

REPUBLIC OF LIBERIA

by BUREAU VERITAS MARINE AND OFFSHORE

(Note : This Certificate shall be supplemented by a Record of Construction and Equipment.)

Name of Ship BV No : 25166G	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number
SPEC NICHOLE	D5HX8 16811	Monrovia	2721	9701126

Deadweight of ship (metric tons) (for oil tankers):

☐ Oil tanker

☒ Ship other than oil tanker with cargo tanks coming under Regulation 2(2) of Annex I of the Convention

☐ Ship other than any of the above

THIS IS TO CERTIFY

- That the ship has been surveyed in accordance with Regulation 6 of Annex I of the Convention; and
- That the survey shows that the structure, equipment systems, fittings, arrangement and material of the ship and the condition thereof are in all respects satisfactory and that the ship complies with the applicable requirements of Annex I of the Convention.

This Certificate is valid until **29 April 2029***

subject to surveys in accordance with Regulation 6 of Annex I of the Convention.

Completion date of the survey on which this Certificate is based: 30 April 2024

Issued at SINGAPORE, on the 23 September 2024

Valid only when the Supplement No. SGP0/ZCH/20240814043430-E1/B is available for inspection.

The undersigned declares that he is duly authorized by the said Government to issue this certificate.

**BUREAU VERITAS
MARINE & OFFSHORE**
Kam Chuen CHOW



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By Order of the Secretary

* Insert the date of expiry as specified by the Administration in accordance with regulation 10(1) of Annex I of the Convention. The day and month of this date correspond to the anniversary date as defined in regulation 1(27) of annex I of the Convention, unless amended in accordance with regulation 10(8) of Annex I of the Convention.

IOPP CERTIFICATE No: SGP0/ZCH/20240814043430-E1

NAME OF SHIP : SPEC NICHOLE

BV REGISTER : 25166G

ENDORSEMENT FOR ANNUAL AND INTERMEDIATE SURVEYS

THIS IS TO CERTIFY that at a survey required by Regulation 6 of Annex I of the Convention the ship was found to comply with the relevant provisions of the Convention:

Annual survey

Signed : Rusdin Lestaluhu
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place : Batam, INDONESIA

Date : 18 February 2025



- ☐ Annual survey
☐ Intermediate survey

Signed :
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place :

Date :

- ☐ Annual survey
☐ Intermediate survey

Signed :
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place :

Date :

Annual survey

Signed :
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place :

Date :



INTERNATIONAL SEWAGE POLLUTION PREVENTION CERTIFICATE

No SGP0/ZCH/20240814044132

Issued under the provisions of the International Convention for the
Prevention of Pollution from Ships, 1973, as modified by the Protocol
of 1978 relating thereto, and as amended by resolution MEPC.115(51)
(hereinafter referred to as "the Convention")
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Name of Ship BV No : 25166G	IMO Number	Distinctive Number or Letters	Port of Registry	Gross Tonnage	Number of persons which the ship is certified to carry
SPEC NICHOLE	9701126	D5HX8 16811	Monrovia	2721	36

Type of ship* ☒ New ☐ Existing

Type of ship for the application of regulation 11.3*:

☐ Passenger ship ☐ New ☐ Existing
☒ Ship other than a passenger ship

Date on which keel was laid or ship was at a similar stage of construction or, where applicable, date on which a conversion or an alteration or modification of a major character was commenced **16 September 2014**

THIS IS TO CERTIFY:

- 1 That the ship is equipped with a* ☒ sewage treatment plant
☐ comminuter
☒ holding tank

and a discharge pipeline in compliance with regulations 9 and 10 of Annex IV of the Convention as follows* :

1.1 ☒ Description of the sewage treatment plant

Type of sewage treatment plants: JOWA STP 2010-40

Name of manufacturer: JOWA AB

☐ The sewage treatment plant is certified by the Administration to meet the effluent standards as provided for in resolution MEPC.2(VI).

☒ The sewage treatment plant is certified by the Administration to meet the effluent standards as provided for in resolution MEPC.159(55).

☐ The sewage treatment plant is certified by the Administration to meet the effluent standards as provided for in the Guidelines on implementation of effluent standards and performance test for sewage treatment plants, adopted by resolution MEPC.227(64), as amended, excluding ** the standards of section 4.2 thereof.



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* Cross as appropriate
** Delete as appropriate

1.2 [-] Description of the comminuter

Type of comminuter: -

Name of manufacturer: -

Standard of sewage after disinfection: -

1.3 [X] Description of the holding tank equipment

Total capacity of the holding tank: 21.948 m³

Location: Port side, From Fr.60 to Fr.68

1.4 A pipeline for the discharge of sewage to a reception facility, fitted with a standard connection.

2 That the ship has been surveyed in accordance with regulation 4 of Annex IV of the Convention.

3 That the survey shows that the structure, equipment, systems, fittings, arrangements and materials of the ship and the condition thereof in all respects satisfactory and that the ship complies with the applicable requirements of Annex IV of the Convention.

This certificate is valid until **29 April 2029**

subject to surveys in accordance with regulation 4 of the Annex IV of the Convention.

Completion date of the survey on which this certificate is based : **30 April 2024**

Issued at SINGAPORE, on the 23 September 2024



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**BUREAU VERITAS
MARINE & OFFSHORE**
Kam Chuen CHOW



By Order of the Secretary



CARGO SHIP SAFETY EQUIPMENT CERTIFICATE

No SGP0/ZCH/20240814031144-E1

This Certificate shall be supplemented by a Record of Equipment (Form E)
Issued under the provisions of the
INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA, 1974,
AS MODIFIED BY THE PROTOCOL OF 1988 RELATING THERETO
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Name of Ship BV No : 25166G	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number
SPEC NICHOLE	D5HX8 16811	MONROVIA	2721	9701126

Deadweight of ship (metric tons) (For oil tankers, chemical tankers and gas carriers only)**:

Length of ship (regulation III/3.12): 65.724 m

TYPE OF SHIP:

- ☐ Bulk Carrier ☐ Gas Carrier
☐ Oil Tanker ☒ Cargo ship other than any of the above
☐ Chemical Tanker

Date on which keel was laid or ship was at a similar stage of construction or, where applicable, date on which work for a conversion or an alteration or modification of a major character was commenced **16 Sep 2014**

THIS IS TO CERTIFY:

- 1 That the ship has been surveyed in accordance with the requirements of regulation I/8 of the Convention.
- 2 That the survey showed that :
 - 2.1 the ship complied with the requirements of the Convention as regards fire safety systems and appliances and fire control plans;
 - 2.2 the life-saving appliances and the equipment of the lifeboats, liferafts and rescue boats were provided in accordance with the requirements of the Convention;
 - 2.3 the ship was provided with a line-throwing appliance in accordance with the requirements of the Convention;
 - 2.4 the ship complied with the requirements of the Convention as regards shipborne navigational equipment, means of embarkation for pilots and nautical publications;
 - 2.5 the ship was provided with lights, shapes, means of making sound signals and distress signals in accordance with the requirements of the Convention and the International Regulations for Preventing Collisions at Sea in force;
 - 2.6 in all other respects the ship complied with the relevant requirements of the Convention.



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CARGO SHIP SAFETY EQUIPMENT CERTIFICATE No : SGP0/ZCH/20240814031144-E1

NAME OF SHIP : SPEC NICHOLE
BV REGISTER : 25166G

- 2.7 the ship was not subjected to an alternative design and arrangements in pursuance of regulation(s) II-2/17, III/38 of the Convention;
- 2.8 a Document of approval of alternative design and arrangements for fire protection, life-saving appliances and arrangements is not appended to this Certificate.
- 3 That the ship operates in accordance with regulation III/26.1.1.1** within the limits of the trade area N/A
- 4 That an Exemption Certificate has been issued.

This certificate is valid until* **29 April 2029**,
subject to the annual and periodical surveys in accordance with regulation I/8 of the Convention.

Completion date of the survey on which this certificate is based: **30 Apr 2024**

Issued at SINGAPORE, on the 23 September 2024

BUREAU VERITAS
MARINE & OFFSHORE
Kam Chuen CHOW



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By Order of the Secretary

* Insert the date of expiry as specified by the Administration in accordance with regulation I/14(a) of the Convention. The day and the month of this date correspond to the anniversary date as defined in regulation I/2(n) of the Convention, unless amended in accordance with regulation I/14(h).

** Refer to the 1983 amendments to SOLAS (MSC.6(48)), applicable to ships constructed on or after 1 July 1986, but before 1 July 1998 in the case of self-righting partially enclosed lifeboat(s) on board.

This certificate is complemented by Record No. SGP0/ZCH/20240814031144-E1/E

CARGO SHIP SAFETY EQUIPMENT CERTIFICATE No : SGP0/ZCH/20240814031144-E1
NAME OF SHIP : SPEC NICHOLE
BV REGISTER : 25166G

ENDORSEMENT FOR ANNUAL AND PERIODICAL SURVEYS

THIS IS TO CERTIFY that at a survey required by Regulation I/8 of the Convention the ship was found to comply with the relevant provisions of the Convention:

Annual survey

Signed : Rusdin Lestaluhu
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place : Batam, INDONESIA

Date : 18 February 2025



☐ Annual survey
☐ Periodical survey

Signed :
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place :

Date :

☐ Annual survey
☐ Periodical survey

Signed :
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place :

Date :

Annual survey

Signed :
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place :

Date :



**BUREAU
VERITAS**

**RECORD OF EQUIPMENT FOR COMPLIANCE WITH
THE INTERNATIONAL CONVENTION FOR THE SAFETY
OF LIFE AT SEA , 1974, AS AMENDED
(FORM E)**

No SGP0/ZCH/20240814031144/E

1. Particulars of ship

Name of Ship : SPEC NICHOLE

BV Register : 25166G

Distinctive number or letters: D5HX8

16811

2. Details of life-saving appliances

1	Total number of persons for which life-saving appliances are provided	36	
2	Total number of davit launched lifeboats	Port side	Starboard side
		-	-
2.1	Total number of persons accommodated by them	-	-
2.2	Number of self-righting partially enclosed lifeboats (regulation III/43) ¹	-	-
2.3	Number of totally enclosed lifeboats (regulation III/31 and LSA Code section 4.6)	-	-
2.4	Number of lifeboats with a self contained air support system (regulation III/31 and LSA Code section 4.8)	-	-
2.5	Number of fire-protected lifeboats (regulation III/31 and LSA Code section 4.9)	-	-
2.6	Other lifeboats	-	-
2.6.1	Number	-	-
2.6.2	Type	-	-
3	Total number of freefall lifeboats	-	-
3.1	Total number of persons accommodated by them	-	-
3.2	Number of totally enclosed lifeboats (regulation III/31 and LSA Code, section 4.7)	-	-
3.3	Number of lifeboats with a self-contained air support system (regulation III/31 and LSA Code, section 4.8)	-	-
3.4	Number of fire-protected lifeboats (regulation III/31 and LSA Code, section 4.9)	-	-
4	Number of motor lifeboats (included in the total lifeboats shown in 2 and 3 above)	-	-
4.1	Number of lifeboats fitted with searchlights	-	-
5	Number of rescue boats	1	-
5.1	Number of boats which are included in the total lifeboats shown in 2 and 3 above	-	-
6	Liferafts	-	-
6.1	Those for which approved launching appliances are required	-	-
6.1.1	Number of liferafts	-	-
6.1.2	Number of persons accommodated by them	-	-
6.2	Those for which approved launching appliances are not required	-	-
6.2.1	Number of liferafts	6	-
6.2.2	Number of persons accommodated by them	120	-
6.3	Number of liferafts required by regulation III/31.1.4	-	-

¹ Refer to the 1983 amendments to SOLAS (MSC.6(48)), applicable to ships constructed on or after 1 July 1986, but before 1 July 1998.

2. Details of life-saving appliances (continued)

7	Number of lifebuoys	8
8	Number of lifejackets	44
9	Immersion suits	
9.1	Total number	43
9.2	Number of suits complying with the requirements for lifejackets	43
10	Number of anti-exposure suits	-

3. Details of navigational systems and equipment

Item		Actual provision
1.1	Standard magnetic compass*	PROVIDED
1.2	Spare magnetic compass*	PROVIDED
1.3	Gyro compass*	PROVIDED
1.4	Gyro compass heading repeater*	PROVIDED
1.5	Gyro compass bearing repeater*	PROVIDED
1.6	Heading or track control system*	PROVIDED
1.7	Pelorus or compass bearing device*	PROVIDED
1.8	Means of correcting heading and bearings	PROVIDED
1.9	Transmitting heading device (THD)*	-
2.1	Electronic charts display and information system (ECDIS)	PROVIDED
2.2	Back up arrangements for ECDIS	ECDIS
2.3	Nautical publications	PROVIDED
2.4	Back up arrangements for electronic nautical publications	PROVIDED
3.1	Receiver for a global navigation satellite system*	PROVIDED
3.2	9 Ghz radar*	PROVIDED
3.3	Second radar (3 GHz)*	PROVIDED
3.4	Automatic radar plotting aid (ARPA)*	PROVIDED
3.5	Automatic tracking aid*	PROVIDED
3.6	Second automatic tracking aid*	-
3.7	Electronic plotting aid*	-
4.1	Automatic identification system (AIS)	PROVIDED
4.2	Long-range identification and tracking system	PROVIDED
5.1	Voyage data recorder (VDR)**	N/A
5.2	Simplified voyage data recorder (S-VDR)**	N/A

** delete as appropriate

RECORD FORM E No : SGP0/ZCH/20240814031144/E
NAME OF SHIP : SPEC NICHOLE
BV REGISTER : 25166G

3. Details of navigational systems and equipment (continued)

6.1	Speed and distance measuring device (through the water)*	PROVIDED
6.2	Speed and distance measuring device (over the ground in the forward and athwartship direction)*	-
7	Echo sounding device*	PROVIDED
8.1	Rudder, propeller, thrust, pitch and operational mode indicator*	PROVIDED
8.2	Rate of turn indicator*	-
9	Sound reception system*	-
10	Telephone to emergency steering position*	PROVIDED
11	Daylight signalling lamp*	PROVIDED
12	Radar reflector*	-
13	International Code of Signals	PROVIDED
14	IAMSAR Manual, Volume III	PROVIDED
15	Bridge navigational watch alarm system (BNWAS)	PROVIDED

* Alternative means of meeting this requirement are permitted under regulation V/19. In case of other means they shall be specified

THIS IS TO CERTIFY that this Record is correct in all respects.

Issued at SINGAPORE, on the 23 September 2024

BUREAU VERITAS
MARINE & OFFSHORE
Kam Chuen CHOW



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By Order of the Secretary



EXEMPTION CERTIFICATE

THE REPUBLIC OF LIBERIA
LIBERIA MARITIME AUTHORITY

Issued under the provisions of the
**CONVENTION ON THE INTERNATIONAL REGULATIONS FOR PREVENTING COLLISIONS
AT SEA, 1972 as Amended**

Name of Ship	Distinctive Number or Letters	IMO Number	Port of Registry	Gross Tonnage
SPEC NICHOLE	16811	9701126	MONROVIA	2721

The Liberia Maritime Authority, Office of the Deputy Commissioner of Maritime Affairs, certifies that the above-mentioned ship is, under the authority conferred by Regulation COLREG-72 Annex 1, Rule 3(a) exempted from the requirements of when two masthead lights are prescribed for a power-driven vessel, the horizontal distance between them shall not be less than one half of the length of the vessel of the Convention.

Conditions, if any, on which the Exemption Certificate is granted:

1. The stern light is placed in the aft part of the superstructure.
2. A searchlight shall be used to illuminate the after deck of the vessel when necessary to give other ship's a warning of the ship after end.

Voyages, if any, for which this Exemption Certificate is granted: All

Validity: This exemption will remain valid until 29th day of April, 2029 as long as the vessel maintains a valid Cargo Ship Safety Equipment Certificate.

This Certificate is issued under the authority of the Government of the Republic of Liberia at Dulles, Virginia on the 25th day of September, 2024.

The undersigned declares that she is duly authorized by the said Government to issue this Certificate.



M. Ansumana

Margaret Ansumana
Deputy Commissioner of Maritime Affairs
Republic of Liberia



CARGO SHIP SAFETY RADIO CERTIFICATE

No SGP0/ZCH/20240814031727-E1

This Certificate shall be supplemented

by a Record of Equipment of Radio Facilities (Form R)

Issued under the provisions of the
INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE
AT SEA, 1974,

AS MODIFIED BY THE PROTOCOL OF 1988 RELATING
THERETO

under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Name of Ship BV No: 25166G	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number
SPEC NICHOLE	D5HX8 16811	MONROVIA	2721	9701126

Sea areas in which ship is certified to operate (regulation IV/2)** A1+A2+A3 (INMARSAT)

Date on which keel was laid or ship was at a similar stage of construction or, where applicable, date on which work for a conversion or an alteration or modification of a major character was commenced 16 Sep 2014

THIS IS TO CERTIFY:

- 1 That the ship has been surveyed in accordance with the requirements of regulation I/9 of the Convention.
- 2 That the survey showed that :
 - 2.1 the ship complied with the requirements of the Convention as regards radio installations;
 - 2.2 the provision and functioning of the radio installations used in life-saving appliances complied with the requirements of the Convention;
- 3 That an Exemption Certificate has not been issued.

This certificate is valid until* 29 April 2029 subject to the periodical surveys in accordance with regulation I/9 of the Convention.

Completion date of the survey on which this certificate is based: 30 April 2024.

Issued at SINGAPORE, on the 23 September 2024

**BUREAU VERITAS
MARINE & OFFSHORE**
Kam Chuen CHOW



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By Order of the Secretary

* Insert the date of expiry as specified by the Administration in accordance with regulation I/14(a) of the Convention. The day and the month of this date correspond to the anniversary date as defined in regulation I/2 (n) of the Convention, unless amended in accordance with regulation I/14(b).

This certificate is complemented by Record No. SGP0/ZCH/20240814031727-E1/R

** For a ship certified to operate in sea area A3, indicate the recognized mobile satellite service in brackets.

CARGO SHIP SAFETY RADIO CERTIFICATE No: SGP0/ZCH/20240814031727-E1
NAME OF SHIP : SPEC NICHOLE
BV REGISTER : 25166G

ENDORSEMENT FOR PERIODICAL SURVEYS

THIS IS TO CERTIFY that at a survey required by Regulation 1/9 of the Convention the ship was found to comply with the relevant provisions of the Convention:

Periodical survey

Signed : Rusdin Lestaluhu
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place : Batam, INDONESIA

Date : 18 February 2025



Periodical survey

Signed :
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place :

Date :

Periodical survey

Signed :
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place :

Date :

Periodical survey

Signed :
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place :

Date :



BUREAU
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**RECORD OF EQUIPMENT OF RADIO FACILITIES FOR
COMPLIANCE WITH THE INTERNATIONAL CONVENTION
FOR THE SAFETY OF LIFE AT SEA, 1974, AS AMENDED
(FORM R)**

No SGP0/ZCH/20240814031727/R

1. Particulars of ship

Name of Ship : SPEC NICHOLE

BV Register : 25166G

Distinctive number or letters: D5HX8 16811

Minimum number of persons with required qualifications to operate the radio installations: Two (02) GOC Holder

2. Details of radio facilities

Item		Actual provision
1	Primary systems	
1.1	VHF radio installation :	
1.1.1	DSC encoder	PROVIDED
1.1.2	DSC watch receiver	PROVIDED
1.1.3	Radiotelephony	PROVIDED
1.2	MF radio installation :	
1.2.1	DSC encoder	PROVIDED
1.2.2	DSC watch receiver	PROVIDED
1.2.3	Radiotelephony	PROVIDED
1.3	MF/HF radio installation :	
1.3.1	DSC encoder	-
1.3.2	DSC watch receiver	-
1.3.3	Radiotelephony	-
1.4	Recognized mobile satellite service ship earth station	PROVIDED
2	Secondary means of initiating the transmission of ship-to-shore distress alerts	PROVIDED
3	Facilities for reception of MSI and search and rescue related information	PROVIDED
4	EPIRB	PROVIDED
5	Two-way VHF radiotelephone apparatus	
5.1	Portable two-way VHF radiotelephone apparatus	PROVIDED
5.2	Two-way VHF radiotelephone apparatus fitted in survival craft	-
6	Search and rescue locating devices	
6.1	Radar search and rescue transponders (radar SART) stowed for rapid placement in survival craft	PROVIDED
6.2	Radar search and rescue transponders (radar SART) stowed in survival craft	-
6.3	AIS search and rescue transmitters (AIS-SART) stowed for rapid placement in survival craft	-
6.4	AIS search and rescue transmitters (AIS-SART) stowed in survival craft	-

RECORD FORM R No: SGP0/ZCH/20240814031727/R
NAME OF SHIP : SPEC NICHOLE
BV REGISTER : 25166G

3. Methods used to ensure availability of radio facilities (regulations IV/15.6 and 15.7)

3.1 Duplication of equipment : PROVIDED
3.2 Shore-based maintenance : PROVIDED
3.3 At-sea maintenance capability : -

THIS IS TO CERTIFY that this Record is correct in all respects.
Issued at SINGAPORE, on the 23 September 2024

**BUREAU VERITAS
MARINE & OFFSHORE**
Kam Chuen CHOW



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By Order of the Secretary

DOCUMENT OF COMPLIANCE**Special Requirements for Ships carrying Dangerous Goods**

Issued in pursuance of the requirement of Regulation II-2/19.4 of the
International Convention for the Safety of Life at Sea, 1974, as amended
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Name of Ship BV No : 25166G	Distinctive Number or Letters	Port of Registry	Ship Type	IMO Number
SPEC NICHOLE	D5HX8 16811	MONROVIA	Tug / Supply vessel / Fire fighting ship	9701126

THIS IS TO CERTIFY:

1. That the construction and equipment of the above mentioned ship was found to comply with the provisions of Regulation II-2/19 of the International Convention for the Safety of Life at Sea, 1974, as amended; and
2. That the ship is suitable for carriage of those classes of dangerous goods as specified in the appendix hereto, subject to any provisions in the International Maritime Dangerous Goods (IMDG) Code and the International Maritime Solid Bulk Cargoes (IMSBC) Code for individual substances also being complied with.

This document is valid until **29 April 2029**

Completion date of the survey on which this certificate is based : 30 April 2024

Issued at SINGAPORE, on the 23 September 2024

**BUREAU VERITAS
MARINE & OFFSHORE**
Kam Chuen CHOW



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By Order of the Secretary

Note : There are no special requirements in above mentioned Regulation II-2/19 for the carriage of dangerous goods of Classes 6.2 and 7 and for the carriage of dangerous goods in limited quantities, as required in Chapter 3.4 of the IMDG Code, and excepted quantities, as required in chapter 3.5 of the IMDG Code.



**BUREAU
VERITAS**

RECORD OF APPROVED CARGO SHIP CREW ACCOMMODATION

Record No : SGI0/DYN/20151125115225

To meet the provisions of the ILO Conventions Nr 92 and 133 concerning crew accommodation on board ships
This form must be kept on board and be available for inspection by a nominated Surveyor at all times

Name of Ship BV Register: 25166G	Distinctive number or letters	Nationality Port of Registry	IMO	Gross Tonnage	Date Keel Laid
KARON SPEL NICHOLS	D5HX8	LIBERIA MONROVIA	9701126	2721	16/9/2014

Name and address of Managers (or Owners):

Manager Name: FEMCO-MANAGEMENT LTD.

Address: 38, Kuriiskaya Street, Yuzhno-Sakhalinsk, 693000, Russia

- Part 1 GENERAL DESCRIPTION
Part 2 SURVEY
Part 3 MISCELLANEOUS

This form has been completed by a surveyor of BUREAU VERITAS.

The information contained in this record is a correct description of the arrangements provided on board.

District :	Shanghai, P.R.CHINA
Date :	15-03-2016
Surveyor Name and Signature :	David ZW YUAN
SSOM Name and Signature :	Xu ZHAO



RECORD OF APPROVED CARGO SHIP CREW ACCOMMODATION (ILO 92 & 133)

PART 1 : GENERAL DESCRIPTION



1 GENERAL DESCRIPTION

1.1	Number of :		
	Officers :	9	
	Petty officers :	-	
	Ratings :	13 + Others: 2 + Passengers: 12	

1.2 Arrangement of crew accommodation							
Number of sleeping rooms for	Number of persons per sleeping room	Floor area	Sleeping Rooms			With washbasin	With tub and/or shower or independent (1)
			With private sitting room	With water closet, or independent (1)	With private bathroom		
OFFICERS 9	1 (211 Captain)	13m2	No	Yes	Yes	Yes	With Shower
	1(204 Chief Eng)	13m2	No	Yes	Yes	Yes	With Shower
	1(209 Ch. Mate)	9.1m2	No	Yes	Yes	Yes	With Shower
	1(212 2nd Mate)	9.5m2	No	Yes	Yes	Yes	With Shower
	1(203 2nd Eng)	9.5m2	No	Yes	Yes	Yes	With Shower
	1(207 El. Eng)	9.0m2	No	Yes	Yes	Yes	With Shower
	2(202 3rd Eng & Cadet)	9.7 m2	No	Yes	Yes	Yes	With Shower
	2(213 3rd Mate & Cadet)	9.7 m2	No	Yes	Yes	Yes	With Shower
	2 (201 4th Eng & Cadet)	9.8 m2	No	Yes	Yes	Yes	With Shower
PETTY OFFICERS -	-	-	-	-	-	-	-
RATINGS 13	2(103 Two Motormen)	9.7 m2	No	Yes	Yes	Yes	With Shower
	2(104 Two Motormen)	10.2 m2	No	Yes	Yes	Yes	With Shower
	2(105 Boatswain & AB)	10.3 m2	No	Yes	Yes	Yes	With Shower
	2(106 Steward & Cook)	10.4 m2	No	Yes	Yes	Yes	With Shower
	2(109 Two AB)	10.2 m2	No	Yes	Yes	Yes	With Shower
	2(Other 3 ratings as above)	-	-	-	-	-	-
OTHERS	2 (214 Pilot & Owner)	9.8 m2	No	Yes	Yes	Yes	With Shower

(1) Specify number of persons it is provided for and location

ILO		Description of items
N°	Article	
133	5	1.3 SLEEPING ROOMS
	1.3.1	Minimum inside dimensions of berths : 2050 x 950 mm
	1.3.2	Individual berths : Yes
	1.3.3	Position of berths : Adjacent to wall
	1.3.4	Material berths are made of : Wood, Cotton cloth, polyurethane sponge with coil spring

	1.4 MESS ROOMS
	Dimensions and equipment of each mess room :
	- Tables and approved seats : Officer mess room: 1 table (Φ1400mm) with 6 seats, Crew mess room: 2 tables (2100×800mm) with 12 seats
	- Pantries : Provided
	or
	- Lockers for mess utensils : Provided
	- Proper facilities for washing utensils : Provided
	- Equipment easily cleaned : Yes
	- Capacity of refrigerator : 1000 L
	- Facilities for hot beverages : Provided
	- Cool water facilities : Marine Freezer

92	9	2.4	LIGHTS	
		2.4.1	Natural and artificial light in sleeping rooms and mess rooms	☒ WR ☐ SR ☐ NA
		2.4.2	Minimum natural lighting in living rooms	☒ WR ☐ SR ☐ NA
		2.4.3	Electric lights in crew accommodation and of additional lighting for emergency use	☒ WR ☐ SR ☐ NA
		2.4.4	Disposition of artificial lighting	☒ WR ☐ SR ☐ NA
		2.4.5	Electrical reading lamps fitted at the head of each berth	☒ WR ☐ SR ☐ NA

92	10	2.5	SLEEPING ROOMS	
			Condition of sleeping rooms :	
			- Bunk	☒ WR ☐ SR ☐ NA
			- Clothes locker	☒ WR ☐ SR ☐ NA
			- Table or deck	☒ WR ☐ SR ☐ NA
			- Curtains for sidelights	☒ WR ☐ SR ☐ NA
			- Mirror	☒ WR ☐ SR ☐ NA
			- Small cabinets	☒ WR ☐ SR ☐ NA

92	6	2.6	MESS ROOMS	
133	11		Mess room accommodation for :	
			- Master and officers	☒ WR ☐ SR ☐ NA
			- Deck department petty officers and other ratings	☒ WR ☐ SR ☐ NA
			- Engine department petty officers and other ratings	☒ WR ☐ SR ☐ NA
			- catering department	☐ WR ☐ SR ☒ NA

92	12	2.7	RECREATION ACCOMMODATION	
133	7		Smoking room / library if any :	☒ WR ☐ SR ☐ NA

92	13	2.8	SANITARY FACILITIES	
133	8	2.8.1	Washbasins and tub bath	☐ WR ☐ SR ☒ NA
		2.8.2	Ventilation of water closets	☒ WR ☐ SR ☐ NA
		2.8.3	Sanitary accommodation :	
			- Floor - bulkhead easily cleaned	☒ WR ☐ SR ☐ NA
			- Lighing - heating - ventilation	☒ WR ☐ SR ☐ NA
		2.8.4	Facilities for washing, drying and ironing clothes, washing machines, drying machines or adequately heated ventilated drying rooms	☒ WR ☐ SR ☐ NA

133	14	2.9	LIGHTING	
			(natural and artificial) lighting in sleeping rooms and mess rooms	☒ WR ☐ SR ☐ NA



		1.6	POSITION OF FACILITIES FOR WASHING, DRYING AND IRONING CLOTHES		
			Laundry located on main deck port side adjacent to the change room.		

133	9	1.7	SANITARY FACILITIES OTHER THAN IN SLEEPING ACCOMMODATIONS (Para. 1.2)		
			Number and detail of :		
			Water closets :	3	Position : 03 deck, 01 deck and main deck
			Tubs :	-	Position : -
			Washbasins :	3	Position : 03 deck, 01 deck and main deck
			Shower baths and washbasins :	1	Position : Main deck change room

133	9	1.8	CHANGING AND WASHING FACILITIES		
92	15		Oilskins : Provided		
			Deck department : The change room on main deck port side with public toilet and shower room for deck and engine department.		
			Engin department : Same as above.		

92	14	1.9	HOSPITAL ACCOMMODATION		
			Position - accessibility : One door at exposed 01 deck stbd side / Another door at corridor - Easy to access		
			Number of hospital berths : 1		
			Water closet accommodation : 1		
			Medecine chest : 1		

		1.10	DRAWINGS SHOWING THE LOCATION AND GENERAL ARRANGEMENT OF CREW ACCOMMODATION SUBMITTED FOR REVIEW ? (Art. 4, ILO 92)		
			List of drawings	Approved by	Date
			SDA806-540-401 CABIN ARRANGEMENT A6	BV Shanghai	06 Feb 2015

		1.11	CREW ACCOMMODATION SUBSTANTIALLY ALTERED OR RECONSTRUCTED		
			In the affirmative, have the corresponding drawings been reviewed?		
			Please specify :		
			-		



RECORD OF APPROVED CARGO SHIP CREW ACCOMMODATION (ILO 92 & 133)

PART 2 : SURVEY

2 SURVEY

ILO		Description of Items	
N°	Article		
92	6	2.1 CREW ACCOMMODATION	
	2.1.1	The location, means of access, structure and arrangement are such as to ensure adequate security protection against weather and sea and insulation from heat or cold, undue noise or effluvia from other spaces	☒ WR ☐ SR ☐ NA
	2.1.2	No direct openings into sleeping rooms from cargo, machinery spaces, etc...	☒ WR ☐ SR ☐ NA
	2.1.3	Insulation provided for external bulkheads	☒ WR ☐ SR ☐ NA
	2.1.4	Protection of internal bulkheads against vermin	☒ WR ☐ SR ☐ NA
	2.1.5	Insulation to prevent condensation or overheating	☒ WR ☐ SR ☐ NA
	2.1.6	Where main steam and exhaust pipes for winches pass through crew accommodation : condition of adequate insulation fittings	☐ WR ☐ SR ☒ NA
	2.1.7	Surface of inside panelling or sheeting easily kept clean	☒ WR ☐ SR ☐ NA
	2.1.8	Fire-prevention / fire retarding measures provided	☒ WR ☐ SR ☐ NA
	2.1.9	Wall surface and deckheads in sleeping room easily kept clean	☒ WR ☐ SR ☐ NA
	2.1.10	Wall surfaces	☒ WR ☐ SR ☐ NA
	2.1.11	Material used for decks in all crew accommodation, surface easily kept clean	☒ WR ☐ SR ☐ NA
	2.1.12	Joining with sides when floorings are of composition	☒ WR ☐ SR ☐ NA
	2.1.13	Drainage	☒ WR ☐ SR ☐ NA
133	10	2.1.14	Minimum headroom ☒ WR ☐ SR ☐ NA
92	7	2.2 VENTILATION	
	2.2.1	Ventilation in sleeping rooms and mess room	☒ WR ☐ SR ☐ NA
	2.2.2	Sufficiency of air movement provided by ventilation system	☒ WR ☐ SR ☐ NA
	2.2.3	For ships regularly engaged on voyages in the Tropics and the Persian Gulf : condition of mechanical means of ventilation and electric fans	☒ WR ☐ SR ☐ NA
	2.2.4	For ships engaged outside the Tropics : condition of mechanical means of ventilation of electric fans	☒ WR ☐ SR ☐ NA
	2.2.5	Power system for the operation of aids to ventilation	☒ WR ☐ SR ☐ NA
92	8	2.3 HEATING	
	2.3.1	System of heating the crew accommodation	☒ WR ☐ SR ☐ NA
	2.3.2	Heating system can eventually be in operation at all times	☒ WR ☐ SR ☐ NA
	2.3.3	Heating by means of : system / hot water / warm air / electricity	☒ WR ☐ SR ☐ NA
	2.3.4	Where heating is provided by a stove : condition of the installation (air not fouled)	☐ WR ☐ SR ☒ NA
	2.3.5	Temperature in crew accommodation maintained at a satisfactory level	☒ WR ☐ SR ☐ NA
	2.3.6	Condition securing arrangements and position of radiators or other heating apparatus	☒ WR ☐ SR ☐ NA



92	12	1.5.1	RECREATION FACILITIES
133	7	1.5.1	Position : Day room on 01 deck
		1.5.2	Furniture : Provided
		1.5.3	Facilities for film or television : Provided
		1.5.4	Swimming pool : No



92	14	2.10	HOSPITAL ACCOMMODATION	
			General condition	☒ WR ☐ SR ☐ NA

92	15 & 16	2.11	MISCELLANEOUS	
			- Ventilated accommodation for the hanging of oilskins	☒ WR ☐ SR ☐ NA
			- Office for deck department	☒ WR ☐ SR ☐ NA
			- Office for engine department	☐ WR ☐ SR ☒ NA
			- Protection to mosquito	☒ WR ☐ SR ☐ NA
			- Screen to side scuttles, ventilators and doors	☒ WR ☐ SR ☐ NA
			-Awnings	☐ WR ☐ SR ☒ NA
			- Commodities provided for persons of widely different national habits and customs	☒ WR ☐ SR ☐ NA
92	17		-Are all crew accommodation inspected by the Master at intervals of not more than one week and be the results of each such inspection recorded?	☒ WR ☐ SR ☐ NA



PART 3 : MISCELLANEOUS

3. MISCELLANEOUS

3.1	OFFICIAL EQUIPMENT	-
3.2	REMARKS	-





**BUREAU
VERITAS**

RECORD OF APPROVED SHIP CREW ACCOMMODATION

Record No : SGI0/DYN/20151125120749

To meet the provisions of the ILO
Maritime Labour Convention, 2006

This form must be kept on board and be available for inspection by a nominated Surveyor at all times

Name of Ship BV Register: 25166G	Distinctive number or letters	Nationality Port of Registry	IMO	Gross Tonnage	Date Keel Laid
SELEN SOUL NICHOLS	D5HX8	LIBERIA MONROVIA	9701126	2721	16/09/2014

Name and address of Managers (or Owners):

Manager Name: FEMCO-MANAGEMENT LTD

Address: 38, Kurilskaya Street, Yuzhno-Sakhalinsk, 693000, Russia

Part 1 SURVEY

Part 2 MISCELLANEOUS

This form has been completed by a surveyor of BUREAU VERITAS.

The information contained in this record is a correct description of the arrangements provided on board.

District :	Shanghai, P.R.CHINA
Date :	15-03-2016
Surveyor Name and Signature :	David ZW YUAN
SSOM Name and Signature :	Xu ZHAO



RECORD OF APPROVED SHIP CREW ACCOMMODATION

PART 1 : SURVEY

1 SURVEY

Number of :		Officers : 9	WR / SR / NA
Petty officers :		-	
Ratings :		13 + Others: 2 + Passengers: 12	

Reference	Description of Items	WR / SR / NA
ACCOMMODATION		
A.3.1.05	Confirmation that the vessel is built according to approved drawings	☒ WR ☐ SR ☐ NA
A.3.1.06.a	Confirmation that minimum headroom is provided in accommodation and recreational facilities	☒ WR ☐ SR ☐ NA
A.3.1.06.b	Verification that external bulkheads of sleeping rooms and mess rooms are adequately insulated	☒ WR ☐ SR ☐ NA
	Verification that all machinery casings and all boundary bulkheads of galleys and other spaces in which heat is produced are adequately insulated in case where there may be resulting effects of heat in adjoining accommodation or passageway	☒ WR ☐ SR ☐ NA
	Confirmation that adequate measures are implemented to ensure protection of accommodation or passageways from the heat effects of steam or hot water service pipes	☒ WR ☐ SR ☐ NA
	Confirmation that accommodations are adequately insulated to prevent condensation and overheating.	☒ WR ☐ SR ☐ NA
A.3.1.06.c	Verification that no sleeping rooms have been installed below the load line or forward to the collision bulkhead	☒ WR ☐ SR ☐ NA
A.3.1.06.d	Verification that no sleeping rooms have been installed beneath working alleyways or forward the collision bulkhead	☒ WR ☐ SR ☐ NA
A.3.1.06.e	Confirmation that external bulkheads separating sleeping rooms from cargo, machinery spaces, galleys, storerooms, drying rooms and communal sanitary areas are constructed of steel or other approved material and are watertight and gas-tight	☒ WR ☐ SR ☐ NA
	Confirmation that there are no direct openings into sleeping rooms from cargo, machinery spaces, galleys, storerooms, drying rooms and communal sanitary areas	☒ WR ☐ SR ☐ NA
A.3.1.06.f	Verification that the material used to construct internal bulkheads, panelling and sheeting, floor and joinings is suitable for the purpose and conducive to ensuring healthy environment	☒ WR ☐ SR ☐ NA
	Confirmation that the bulkhead surfaces and deckheads are made of material with a surface easily kept clean	☒ WR ☐ SR ☐ NA
	Confirmation that the bulkhead surfaces and deckheads are of a construction firm not likely to harbour vermin	☒ WR ☐ SR ☐ NA
	Confirmation that the decks in all accommodation areas are non-slip surface, impervious to damp and easily to be kept clean?	☒ WR ☐ SR ☐ NA
	Confirmation that the bulkhead surfaces and deckheads in sleeping and mess rooms are light in colour with durable easy to keep clean non-toxic finish	☒ WR ☐ SR ☐ NA
	In case a composite floor material is used, verification that the joints in the flooring and between flooring and any vertical side are profiled to avoid crevices	☒ WR ☐ SR ☐ NA
A.3.1.06.g	Confirmation that there is proper lighting and sufficient drainage in the accommodation areas	☒ WR ☐ SR ☐ NA
	Verification that electric lighting is provided in the seafarer's accommodation	☒ WR ☐ SR ☐ NA
	Confirmation that secondary lighting is provided via properly constructed lamps or lighting apparatus for emergency use	☒ WR ☐ SR ☐ NA
	Confirmation that the levels of natural and artificial lighting is in accordance with relevant national standards	☒ WR ☐ SR ☐ NA



Reference	Description of items	WR / SR / NA
ACCOMMODATION		
A.3.1.06.h	Confirmation that accommodation, recreational and catering facilities are located as far as practicable from the engines, steering gear rooms, deck winches, ventilation, heating and air-conditioning equipment and other noisy machinery and apparatus	☒ WR ☐ SR ☐ NA
	Confirmation that acoustic insulation or other appropriate sound-absorbing materials has been used in the construction and finishing of bulkheads, deckheads and decks within the sound-producing spaces as well as self-closing noise-isolating doors for machinery spaces?	☒ WR ☐ SR ☐ NA
	Confirmation that engine rooms and other machinery spaces are provided with sound-proof centralised control rooms for engine personnel? (as far as practicable)	☒ WR ☐ SR ☐ NA
	Verification that working spaces such as the machine shop are insulated from the general engine-room noise, as far as practicable	☒ WR ☐ SR ☐ NA
	Verification that a copy of the national requirements associated with limits for noise levels for working and living spaces provided on board is accessible to seafarers in English or the working language of the ship	☒ WR ☐ SR ☐ NA
A.3.1.07.a	Verification that sleeping rooms and mess rooms are adequately ventilated	☒ WR ☐ SR ☐ NA
	Confirmation that the air in sleeping rooms and mess rooms is maintained in a satisfactory condition	☒ WR ☐ SR ☐ NA
	Confirmation that an appropriate system of ventilation is in place to ensure a sufficiency of air movement in all climatic conditions	☒ WR ☐ SR ☐ NA
A.3.1.07.b	Confirmation that air conditioning is provided in seafarer accommodation, radio rooms and centralized machinery control rooms;	☒ WR ☐ SR ☐ NA
	Verification that the air conditioning system maintains the air at a satisfactory temperature and relative humidity.	☒ WR ☐ SR ☐ NA
	Verification that the air conditioning system ensures a sufficiency of air changes in all air conditioned spaces	☒ WR ☐ SR ☐ NA
	Verification that the air conditioning system is not producing excessive noise or vibrations	☒ WR ☐ SR ☐ NA
	Verification that the air conditioning system facilitates cleaning and disinfection in order to prevent and control the spread of disease	☒ WR ☐ SR ☐ NA
	Verification that the supply power for the operation of the air conditioning and ventilation systems is available at all times when required	☒ WR ☐ SR ☐ NA
A.3.1.07.c	Verification that all sanitary spaces have ventilation to the open air independently of any other part of the accommodation	☒ WR ☐ SR ☐ NA
A.3.1.07.d	Verification that an adequate heating system is fitted on board, when applicable	☒ WR ☐ SR ☐ NA
	Verification that the heating system maintains the temperature in the accommodation at a satisfactory level as specified by relevant national requirements (ref. DMLC Part I)	☒ WR ☐ SR ☐ NA
	Confirmation that the radiators and other heating devices are placed and shielded (if necessary) to avoid the risk of fire, danger or discomfort to the occupants	☒ WR ☐ SR ☐ NA
	Heating by means of (please select) Warm air, Electricity	☒ WR ☐ SR ☐ NA
A.3.1.08	Verification that sleeping rooms and mess rooms are lit by natural light and provided with adequate levels of artificial light	☒ WR ☐ SR ☐ NA
A.3.1.09.c	Verification that sleeping rooms are properly equipped to provide comfort and to facilitate tidiness	☒ WR ☐ SR ☐ NA
	Verification that sleeping rooms are provided with private bathrooms, if applicable.	☒ WR ☐ SR ☐ NA
A.3.1.09.e	Verification that all berths satisfy the minimum inside size dimensions of 198 x 80 cm	☒ WR ☐ SR ☐ NA
	Verification, when applicable, berths are not arranged in tiers of more than 2	☒ WR ☐ SR ☐ NA



Reference	Description of items	WR / SR / NA
ACCOMMODATION		
A.3.1.09.e	In the case of 2 tiered berths arranged along the ship's side, verification that there is only one tier where a sidelight is situated above the berth.	☐ WR ☐ SR ☒ NA
	Verification that all the lower berths in double tier arrangements are not less than 30cm above the floor AND that the upper berth is placed approximately midway between the bottom of the lower berth and the lower side of the deckhead beams	☒ WR ☐ SR ☐ NA
	Verification that all upper berths in double tier arrangements are fitted with a dust-proof bottom fitted beneath the bottom mattress or spring bottom	☒ WR ☐ SR ☐ NA
	Verification that the framework and lee-boards (if fitted) of all berths is made of approved material, hard, smooth and not likely to corrode or to harbour vermin	☒ WR ☐ SR ☐ NA
	Verification that all berths are of tubular frame construction such that the tubular frames are completely sealed and without any perforations which would give access to vermin	☒ WR ☐ SR ☐ NA
	Verification that all berths are provided with a mattress with cushioning bottom or a combined cushioning mattress, including a spring bottom or a spring mattress	☒ WR ☐ SR ☐ NA
	Confirmation that the mattress and cushioning material are made of approved material (ref DMLC Part I)	☒ WR ☐ SR ☐ NA
A.3.1.09.f to l	Verification that the floor area in all single berth sleeping room satisfies the minimum size requirements	☒ WR ☐ SR ☐ NA
A.3.1.09.m	Verification, as applicable, that the master, the chief engineer and the chief navigating officer cabin is made of a sleeping room and an adjoining sitting room, day room or equivalent additional	☒ WR ☐ SR ☐ NA
A.3.1.09.n	Verification that each sleeping room is provided with a clothes locker (minimum 475 litres) and a draw or equivalent of not less than 56 litres capacity for each seafarer. Are all lockers provided with a shelf and are able to be locked?	☒ WR ☐ SR ☐ NA
	Verification that bedding utensils and furniture are provided in suitable quantity.	☒ WR ☐ SR ☐ NA
	Confirmation that bedding utensils and furniture are provided in suitable quantity and in satisfactory condition.	☒ WR ☐ SR ☐ NA
A.3.1.09.o	Verification that each sleeping room is provided with a table or desk and seating accommodation.	☒ WR ☐ SR ☐ NA
	Verification that all sleeping rooms are provided with a mirror, small cabinets for toilet requisites, a book rack, a sufficient number of coat hooks, an electric reading light at the head of each berth and curtains or the equivalent for the side-lights	☒ WR ☐ SR ☐ NA
	Verification that the furniture provided in the sleeping rooms are made of smooth, hard material not liable to warp or corrode	☒ WR ☐ SR ☐ NA
A.3.1.10.a	Verification that mess rooms are located as close as possible to the galley and apart from sleeping rooms	☒ WR ☐ SR ☐ NA
	Mess rooms are provided for Master and officers, Petty officers and other rating	
A.3.1.10.b	Verification that mess rooms are of adequate size, comfort, properly equipped and furnished, taking due account of the number of seafarers on board.	☒ WR ☐ SR ☐ NA
	Verification that the floor area of mess rooms satisfies the requirement of 1.5m ² per person of the planned seating capacity? (this does not apply to passenger ships)	☒ WR ☐ SR ☐ NA
	Verification that the tops of tables and seats in mess rooms are made of damp-resistant material	☒ WR ☐ SR ☐ NA
	Verification that the following facilities are provided in mess rooms: (a) a refrigerator, which should be conveniently situated and of sufficient capacity for the number of persons using the mess room or mess rooms; (b) facilities for hot beverages; and (c) cool water facilities	☐ WR ☐ SR ☒ NA ☒ WR ☐ SR ☐ NA ☒ WR ☐ SR ☐ NA



Reference	Description of Items	WR / SR / NA
ACCOMMODATION		
A.3.1.10.b	(d) Pantries or locker for mess utensils	☒ WR ☐ SR ☐ NA
	Verification that mess utensils are supplied in suitable quantity and made of approved material which can easily be cleaned.	☒ WR ☐ SR ☐ NA
A.3.1.11.a	Confirmation that sanitary facilities provide minimum standards of health and hygiene and reasonable comfort	☒ WR ☐ SR ☐ NA
A.3.1.11.b	Verification that the sanitary facility is available within easy access of the engine control room	☐ WR ☐ SR ☒ NA
	Verification that the sanitary facility is available within easy access of the navigating bridge	☒ WR ☐ SR ☐ NA
A.3.1.11.c	Verification that sanitary facilities used by more than one person comply with the following: - Floor is of durable material, impervious to damp and properly drained - Bulkheads are made of steel or other approved material and watertight up to at least 23 cm above the deck level - Sufficiently lit, heated and ventilated	☒ WR ☐ SR ☐ NA ☒ WR ☐ SR ☐ NA ☒ WR ☐ SR ☐ NA
A.3.1.11.c	Verification that toilets used by more than one person are situated convenient to but separate from sleeping rooms and wash rooms and without direct access from the sleeping rooms or from a passage between the sleeping rooms and the toilets to which there is no other access	☒ WR ☐ SR ☐ NA
	Where there is more than one toilet in a common sanitary facility compartment, verification that there is a screening provided to secure privacy	☒ WR ☐ SR ☐ NA
	Verification, where applicable, that washbasins and tub baths are of adequate size and constructed of approved material with a smooth surface not liable to crack, flake or corrode	☒ WR ☐ SR ☐ NA
	Verification that toilets are of an approved pattern and provided with an ample flush of water (or other suitable flushing means) which is available at all times and independently controllable	☒ WR ☐ SR ☐ NA
A.3.1.11.d	Verification that each sleeping room has a washbasin with hot and cold running fresh water, except in cases when such a washbasin is situated in a private bathroom	☒ WR ☐ SR ☐ NA
A.3.1.11.e	Verification that all the special arrangements or exemptions with regard to the sanitary facilities are in accordance to that specified by the competent authority (Ref. DMLC part I)	☐ WR ☐ SR ☒ NA
A.3.1.11.f	Verification that hot and cold running fresh water is available in all wash places with sufficient pressure	☒ WR ☐ SR ☐ NA
A.3.1.12	Confirmation that there is a separate hospital for exclusive medical purposes	☒ WR ☐ SR ☐ NA
	Confirmation that the hospital is easily accessible and provides comfortable housing.	☒ WR ☐ SR ☐ NA
	Verification that the hospital is provided with sanitary facilities for exclusive use by its occupants (either as part of the hospital or in close proximity to it)	☒ WR ☐ SR ☐ NA
	Verification that sanitary facilities in the hospital include at a minimum 1 toilet, 1 washbasin and 1 tub or shower	☒ WR ☐ SR ☐ NA
A.3.1.13	Verification that laundry facilities are available.	☒ WR ☐ SR ☐ NA
	Verification that laundry facilities are provided with washing machines, drying machines (or drying rooms), irons and ironing boards.	☒ WR ☐ SR ☐ NA
A.3.1.14	Verification that the ship is provided with open deck space of adequate size accessible to seafarers when off-duty.	☒ WR ☐ SR ☐ NA
A.3.1.15	Confirmation that the ship is provided with separate (or common) ship's office provided for use by deck and engine departments	☒ WR ☐ SR ☐ NA
	Verification, as applicable, that separate facilities for engine department personnel are provided to change their clothes	☒ WR ☐ SR ☐ NA



Reference	Description of Items	WR / SR / NA
ACCOMMODATION		
A.3.1.16	Confirmation that protection arrangement against mosquitoes are provided, if applicable	☒ WR ☐ SR ☐ NA
A.3.2.2.b	GALLEYS	
	Is the galley adequate for preparing hot meals in all sea and weather conditions?	☒ WR ☐ SR ☐ NA
	If naked flames are used in any of the above, are they adequately shielded?	☐ WR ☐ SR ☒ NA
	If LPG bottles are used on board, are they stowed on open deck?	☐ WR ☐ SR ☒ NA
	Is it possible to clean around and under the furniture and appliances which are not flush with walls and floors?	☒ WR ☐ SR ☐ NA
	Are furniture and accessories made of a corrosion resistant material?	☒ WR ☐ SR ☐ NA
	Are floors made of impervious material?	☒ WR ☐ SR ☐ NA
	Are floor gutters and scuppers provided and fitted with water and grease traps and drains led overboard or to a holding tank?	☒ WR ☐ SR ☐ NA
	Is an area available for washing-up, with a sink, supplied with hot and cold drinking water?	☒ WR ☐ SR ☐ NA
	Are sea water taps, if any, installed away from galleys and other food preparation area?	☐ WR ☐ SR ☒ NA
	Is a fresh water hose connexion available for washing down?	☒ WR ☐ SR ☐ NA
	Is the galley adequately ventilated and, if the vessel is over 1000GT, fitted with an electric exhaust fan?	☒ WR ☐ SR ☐ NA
	Are ventilation exhaust ducts, if any, fitted with grease traps removable for cleaning?	☒ WR ☐ SR ☐ NA
	Is natural lighting adequate for work during daylight hours on a clear day?	☒ WR ☐ SR ☐ NA
	DRY PROVISION STORE	
	Are spaces of adequate capacity, other than refrigerated spaces, available exclusively for the storage of provisions for all persons on board?	☒ WR ☐ SR ☐ NA
	Approximate volume of such space? 28 m3	
	Are those stores built of material easy to clean and resistant to vermin?	☒ WR ☐ SR ☐ NA
	Are the space separated or insulated from other spaces which contain heat sources, such as machinery or boiler spaces, galley, etc?	☒ WR ☐ SR ☐ NA
	Are the spaces adequately ventilated?	☒ WR ☐ SR ☐ NA
	Are the spaces fitted with shelves, bins and drawers made of materials easy to clean?	☒ WR ☐ SR ☐ NA
	Are the stores adequately lighted?	☒ WR ☐ SR ☐ NA
	Access to the stores is made from a corridor, galley	



Reference	Description of Items	WR / SR / NA
ACCOMMODATION		
A.3.2.2.b	REEFER PROVISION STORES	
	Are refrigerated provision rooms of adequate size provided exclusively for the storage of provisions for all persons on board?	☒ WR ☐ SR ☐ NA
	Approximate volume of such space (m3) 22m3 for Reefer and 15m3 for Freezer	
	Nominal or test temperature (°C) +4 for Reefer. and -18 for Freezer	
	Material of insulation: Flame retardant poly urethane foam	
	Material of interior lining: Stainless steel	
	Type of expansion coils: forced; Direct	
	Refrigerant: other CO2, NH3, R12, R22, If other specify: R407C	
	Number and power of compressors (Kw): 2.409 kw for Reefer, and 2.031 kw for Freezer	
	Are the insulation, refrigeration arrangements and machinery capable of maintaining the provisions at an adequate temperature at all time?	☒ WR ☐ SR ☐ NA
	Is the refrigeration machined installed in a well ventilated room, separated from sleeping rooms by gas-tight doors and bulkheads?	☒ WR ☐ SR ☐ NA
	Are the refrigerated spaces constructed of material easy to clean and resistant to vermin?	☒ WR ☐ SR ☐ NA
	Are the refrigerated chambers adequately lighted?	☒ WR ☐ SR ☐ NA
	If a person can enter in the refrigerated spaces:	
	a) can the doors be opened from inside spaces? ☒ yes ☐ no	
	b) Is a pushbutton installed inside the spaces to activate an alarm easily noticed by the crew? ☒ yes ☐ no	
	FRESH WATER SUPPLY	
	Are drinking water taps available at galleys and near the crew mess room?	☒ WR ☐ SR ☐ NA
	Approximate capacity of:	
	- Drinking water tanks (m3)	
	- Sanitary F.W tanks other than above (m3)	
	Evaporating plant, if fitted	
	-Maker and Model: -	
	-Capacity: - Tons per day	
A.4.1.4.a	Confirmation that the ship is equipped with medical supplies including a medicine chest and equipment	☒ WR ☐ SR ☐ NA
A.3.1.17	Verification that recreational facilities on board include at a minimum a bookcase and facilities for reading, writing and where applicable games	☒ WR ☐ SR ☐ NA
	Verification, as applicable, that a canteen is available (ref. DMLC part I)	☐ WR ☐ SR ☒ NA



RECORD OF APPROVED SHIP CREW ACCOMMODATION

PART 2 : MISCELLANEOUS

2 MISCELLANEOUS

2.1	SPECIAL REQUIREMENTS
	-
2.2	REMARK - Works carried out
	-





DOCUMENT OF COMPLIANCE

No HBR0/MRI/20240821110659

Issued under the provisions of the
INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA, 1974,
as amended, under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

COMPANY

Name : ABC MARITIME AG
Address : 1 RUE PERDTEMPS
CH-1260 NYON
SWITZERLAND

Company identification number: 1191255

THIS IS TO CERTIFY THAT The safety management system of the Company has been audited and that it complies with the requirements of the International Management Code for the Safe Operation of Ships and for Pollution Prevention (ISM Code) for the type(s) of ships listed below :

Other cargo ship

This Document of Compliance is valid until **11 October 2029**, subject to periodical verification.

Completion date of the audit on which this certificate is based : 20 August 2024

Issued at Nyon, on the 20 August 2024



This document is electronically signed and does not require a manual signature as defined in IMO guideline FAL.5-Circ.39.

[Click here for the verification website](#)

BUREAU VERITAS
MARINE & OFFSHORE
Mario Richter



By Order of the Secretary



SAFETY MANAGEMENT CERTIFICATE

No SG10/FZN/20250109044413

Issued under the provisions of the
INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA, 1974,
as amended, under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Name of Ship BV No: 25166G	Distinctive number or letters	Port of Registry	Gross Tonnage	IMO Number
SPEC NICHOLE	D5HX8 16811	MONROVIA	2721	9701126

Name of Company (Identification Number: 1191255)	Ship Type
ABC MARITIME AG 1 RUE PERDTEMPS CH-1260 NYON SWITZERLAND	Other Cargo Ship

THIS IS TO CERTIFY THAT :

The safety management system of the ship has been audited and that it complies with the requirements of the International Management Code for the Safe Operation of Ships and for Pollution Prevention (ISM Code), following verification that the Document of Compliance for the Company is applicable to this type of ship.

This Safety Management Certificate is valid until **02 October 2029**, subject to periodical verification and the Document of Compliance remaining valid.

Completion date of the audit on which this certificate is based : 03 October 2024

Issued at **SHANGHAI, CHINA**, on the **09 January 2025**

**BUREAU VERITAS
MARINE & OFFSHORE**

OLIVER, JIE CHEN



This document is electronically signed and does not require a manual signature as defined in IMO guideline FAL 5-Circ.39.
[Click here for the verification website](#)



By Order of the Secretary



Office of
Deputy Commissioner
of Maritime Affairs

THE REPUBLIC OF LIBERIA
LIBERIA MARITIME AUTHORITY

22980 Indian Creek Drive
Dulles, Virginia 20166, USA
Tel: +1 703 790 3434
Fax: +1 703 790 3433
Email: contacts@lmar.com
Web: www.lmar.com

INTERNATIONAL SAFETY MANAGEMENT (ISM) CODE
DECLARATION OF COMPANY

Under the ISM Code, the declared Safety Management Company must provide contact information to the Administration. In accordance with Section 1.1.2 of the ISM Code, "Company" means the Owner of a ship or any other organization or person such as the Manager, or the Charterer, who has assumed the responsibility for operation of the ship from the Shipowner and who on assuming such responsibility has agreed to take over all the duties and responsibilities imposed by the Code. The undersigned affirms that:

Company:

Spec 3 Limited

Address: 19A, No. 789 Zhao Jia Beng Road, Shanghai, China 200032

Telephone: 0086-21-33687589

Email: lt@sinopacific.com.cn

is the Owner of record of the following Liberian registered Ship(s):

Ship Name	Official Number	IMO Number
Spec Nichole	16811	9701126

In accordance with Section 3.1 of the ISM Code, if the entity responsible for the operation of the ship is other than the above stated Owner, the Owner must report the full name and details of such entity to the Administration. If such is the case here, the undersigned affirms that the "Company" responsible for all the requirements imposed by the Code for the Liberian registered Ship(s) listed above is:

Company: ABC Maritime AG IMO Number: 1191255

Address: Rue Perdretemps ; 1260 Nyon Switzerland

Telephone/Work: +41786704162

Email: gmk@abcmaritime.ch Date estimated change: 1/20/24

The undersigned further understands that any change in "Company" must be reported in writing by facsimile or email to: contacts@lmar.com within two full business days to the Deputy Commissioner of Maritime Affairs.

Name of Owner's authorized person:

ZHANG YAO

Signature of Owner's authorized person:

Date:

10/04/2024

* Additional sheets may be attached if needed.



Office of
Deputy Commissioner
of Maritime Affairs

THE REPUBLIC OF LIBERIA LIBERIA MARITIME AUTHORITY

22980 Indian Creek Drive
Dulles, Virginia 20156, USA
Tel: +1 703 790 1434
Fax: +1 703 790 5655
Email: contacts@lisr.com
Web: www.lisr.com

INTERNATIONAL SAFETY MANAGEMENT (ISM) CODE DECLARATION OF DESIGNATED PERSON ASHORE

To ensure the safe operation of each ship and to provide a link between the "Company" and those onboard, every "Company", as appropriate, shall designate a person or persons ashore having direct access to the highest level of management. The responsibility and authority of the designated person or persons shall include monitoring the safety and pollution prevention aspects of the operation of each ship and to ensure that adequate resources and shore-based support are applied, as required.

The undersigned affirms that (1) Capt. Gian-Marco Kern
(name of Designated Person Ashore)
Capt. Mikhail Vasilyev
and (2), as an alternate, (name of alternate Designated Person Ashore)

has(ve) been assigned pursuant to Liberian Maritime Regulation 2.35 and Section 4, of the ISM Code, as the "Designated Person(s) Ashore" for the following Liberian registered Ship(s):

Ship Name: Official Number: IMO Number:

SPEC NICHOLE	16811	9701126
SPEC TINA	16809	9701102

The undersigned has also undertaken that the said "Designated Person(s)" will be available to the Office of the Deputy Commissioner of Maritime Affairs for Marine Safety at any time, as follows:

Company:

ABC Maritime AG

Address: 1 Rue Perdtemps, CH-1260 Nyon, Switzerland.

Telephone/ Work: +41 (0)22 365 71 41

Telephone After Hours: +41 (0)78 670 41 62 Cell Phone/Pager: +41 (0)78 670 41 62

E-Mail: sq@abcmaritime.ch Date estimated change: 1/18/24

The undersigned further understand that any change in the said "Designated Person(s)" must be reported in writing by facsimile or email to: contacts@lisr.com within two full business days.

Name of Company authorized person: Dimitri BOURQUI

Signature of Company authorized person: Dimitri BOURQUI Digitally signed by Dimitri BOURQUI
Date: 2024.01.17 08:44:28 +0100

Date of declaration: 17.01.2024

* Additional sheets may be attached if needed.



INTERNATIONAL SHIP SECURITY CERTIFICATE

No SG10/FZN/20250109044657

Issued under the provisions of the
INTERNATIONAL CODE FOR THE SECURITY OF SHIPS
AND OF PORT FACILITIES (ISPS CODE)
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Name of Ship BV No: 25166G	Distinctive number or letters	Port of Registry	Gross Tonnage	IMO Number
SPEC NICHOLE	D5HX8 16811	MONROVIA	2721	9701126

Name of Company (Identification Number : 1191255)	Ship Type
ABC MARITIME AG 1 RUE PERDTEMPS CH-1260 NYON SWITZERLAND	Other Cargo Ship

THIS IS TO CERTIFY THAT :

- the security system and any associated security equipment of the ship has been verified in accordance with section 19.1 of part A of the ISPS Code;
- the verification showed that the security system and any associated security equipment of the ship is in all respects satisfactory and that the ship complies with the applicable requirements of chapter XI-2 of the Convention and Part A of the ISPS Code;
- the ship is provided with an approved Ship Security Plan.

Date of initial verification on which the certificate is based : 03 October 2024

This Certificate is valid until **02 October 2029**.

subject to verifications in accordance with section 19.1.1 of part A of the ISPS Code.

Issued at **SHANGHAI, CHINA**, on the **09 January 2025**

**BUREAU VERITAS
MARINE & OFFSHORE**

OLIVER, JIE CHEN



This document is electronically signed and does not require a manual signature as defined in IMO guideline FAL.5-Circ.39.
[Click here for the verification website](#)



By Order of the Secretary



THE REPUBLIC OF LIBERIA
LIBERIA MARITIME AUTHORITY

CONTINUOUS SYNOPSIS RECORD

Document Number: 11
For the ship with IMO Number: 9701126

Information		
1	This document applies from (date):	2024/02/02
2	Flag State:	Liberia
3	Date of registration with the State indicated in 2:	2016/03/15
4	Name of ship:	SPEC NICHOLE
5	Port of Registration:	Monrovia, Liberia
6	Name of current registered owner(s): Registered address(es):	SPEC 3 LIMITED (Foreign Maritime Entity) 80 Broad Street Monrovia Liberia
7	Registered owner identification number:	6464244
8	If applicable, name of current registered bareboat charterer(s): Registered address(es):	N/A
9	Name of Company (International Safety Management): Registered address(es): Address(es) of its safety management activities:	ABC Maritime AG Rue Perdretemps 1 Nyon CH 1260 Switzerland
10	Company identification number:	1191255



11	Name of classification societies with which the ship is classed:	Bureau Veritas
12	Administration/Government/Recognized Organization which issued Document Of Compliance: Body which carried out audit (if different) :	Bureau Veritas
13	Administration/Government/Recognized Organization which issued Safety Management Certificate: Body which carried out audit (if different) :	Bureau Veritas
14	Administration/Government/Recognized Organization which issued International Ship Security Certificate: Body which carried out verification (if different):	Bureau Veritas
15	Date on which ship ceased to be registered with the State indicated in 2:	
16	Remarks	The vessel was deleted by the Russian Federation on 2023/12/28 but only registered with Liberia on 2024/02/02.

THIS IS TO CERTIFY that this record is correct in all respects.

Issued at: Dulles, Virginia, USA

Date of Issue: 2024/02/15



Margaret Ansumana

Margaret Ansumana
Senior Deputy Commissioner of Maritime Affairs
Republic of Liberia



This was received by _____ and attached to the ship's CSR file on the following date (fill in): _____

Signature: _____





INTERNATIONAL ANTI-FOULING SYSTEM CERTIFICATE

No SGI0/ENC/20240813113200

(This certificate shall be supplemented by a record of Anti-Fouling Systems)

Issued under the International Convention on the control
of Harmful Anti-Fouling Systems on Ships
under the authority of the Government of

REPUBLIC OF LIBERIA

by BUREAU VERITAS MARINE & OFFSHORE

When a Certificate has been previously issued, this Certificate replaces the Certificate dated 31 July 2015

Name of Ship BV No : 25166G	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number
SPEC NICHOLE	D5HX8 16811	Monrovia	2721	9701126

An anti-fouling system controlled under Annex 1 containing:

	Has not been applied during or after construction of this ship	Has been applied on this ship previously, but has been removed by	Has been applied on this ship previously, but has been covered with a sealer coat applied by	Has been applied on this ship previously, but is not in the external coating layer of the hull or external parts or surfaces on	Was applied on this ship prior to
Organotin compounds which act as biocides	☒	(Insert the name of facility) on (dd/mm/yyyy) ☐	(Insert the name of facility) on (dd/mm/yyyy) ☐	Not applicable	Not applicable
Cybutryne	☒	(Insert the name of facility) on (dd/mm/yyyy) ☐	(Insert the name of facility) on (dd/mm/yyyy) ☐	1 January 2023 ☐	1 January 2023 but must be removed or covered with a sealer coat prior to (dd/mm/yyyy) ☐

THIS IS TO CERTIFY THAT:

- the ship has been surveyed in accordance with Regulation 1 of Annex 4 to the Convention; and
- the survey shows that the anti-fouling system on the ship complies with the applicable requirements of Annex 1 to the Convention.

Date of completion of the survey on which this Certificate is issued 30 April 2024

Issued at Shanghai, China, on the 13 August 2024

**BUREAU VERITAS
MARINE & OFFSHORE**

Seven Chen



This document is electronically signed and does not require a manual signature as
defined in IMO guideline FAL 5-Circ 39.
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By Order of the Secretary

RECORD OF ANTI-FOULING SYSTEMS

No SGI0/ENC/20240813113200

This Record shall be permanently attached to the International Anti-Fouling System Certificate

Name of Ship BV No : 25166G	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number
SPEC NICHOLE	D5HX8 16811	Monrovia	2721	9701126

Details of anti-fouling system(s) applied

Type(s) of anti-fouling system(s) used : TBT-free Self Polishing Antifouling Coating

Date(s) of application of anti-fouling system(s) : 02 January 2024

Name(s) of company(ies) and facility(ies)/location(s) where applied : Zhoushan Jinzhou Shipyard. / Zhoushan, China

Name(s) of anti-fouling system manufacturer(s) : International Paint of Shanghai Co., Ltd.

Name(s) and colour(s) of anti-fouling system(s) : Interswift® 6600 (BMA664 Red)

Active ingredient(s) and their Chemical Abstract Services Registry Number(s) (CAS number(s)) : Cuprous Oxide (CAS No.1317-39-1); Xylene (CAS Number: 0001330-20-7); Zinc oxide (CAS Number: 0001314-13-2); Rosin (CAS Number: 0008050-09-7); etc.

Type(s) of sealer coat, if applicable : -

Name(s) and colour(s) of sealer coat applied, if applicable : -

Date of application of sealer coat : -

THIS IS TO CERTIFY that this Record is correct in all respects.

Issued at Shanghai, China, on the 13 August 2024



This document is electronically signed and does not require a manual signature as defined in IMO guideline FAL. 5-Circ.39.
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**BUREAU VERITAS
MARINE & OFFSHORE**

Seven Chen



By Order of the Secretary

CERTIFICATE OF FITNESS

No SGP0/ZCH/20240814041756-E1

Issued under the provisions of the

GUIDELINES FOR THE TRANSPORT AND HANDLING OF LIMITED

AMOUNTS OF

HAZARDOUS AND NOXIOUS LIQUID SUBSTANCES IN BULK ON

OFFSHORE

SUPPORT VESSELS

(resolution A.673(16), as amended by resolutions MSC 236(82) and

MEPC.158(55))

under the authority of the Government of

REPUBLIC OF LIBERIA

BY BUREAU VERTAS MARINE & OFFSHORE



Name of Ship BV No : 25166G	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number
SPEC NICHOLE	D5HXX8 16811	Monrovia	2721	9701126

Date on which keel was laid or on which the ship was at a similar stage of construction, or (in the case of a converted vessel) date on which conversion for the carriage of bulk liquids subject to these Guidelines was commenced: 16 September 2014

The ship also complies fully with the following amendments to the Guidelines:

The ship is exempted from compliance with the following provisions of the Guidelines:

THIS IS TO CERTIFY

1. That the ship has been surveyed in accordance with the provisions of 1.5 of the Guidelines ;

2. That the survey showed that the construction and equipment of the ship :

- ☒ .1 complied with the relevant provisions of the Guidelines applicable to "new" ships
☐ .2 complied with the relevant provisions of the Guidelines in respect of "existing" ships

3. That the ship has been provided with a Manual in accordance with Appendix 4 of Annex II of MARPOL 73/78 as called for by regulation 14 of Annex II and that the arrangements and equipment of the vessel prescribed in the manual are in all respects satisfactory;



CERTIFICATE OF FITNESS No : SGP0/ZCH/20240814041756-E1

NAME OF SHIP : SPEC NICHOLE

BV REGISTER : 25166G

4. That the ship complies with the requirements of the Guidelines and Annex II to MARPOL 73/78 for carriage in bulk of the following products provided that all relevant operational provisions of the Guidelines and Annex II are observed:

Products (Refer to Notes 1,2 on completion of certificate)	Conditions of Carriage (tank numbers, etc.)	Pollution Category
See attachments to the certificate of fitness	Tank Group-A/B	X, Y, Z

☒ Continued on attachment 1, additional signed and dated sheets.

Tank numbers referred to in this list are identified on attachment 2, signed and dated tank plan.

5. That, in accordance with 1.4 of the Guidelines, the provisions of the Guidelines and the Code are modified in respect of the ship in the following manner :

-

6. That the vessel must be loaded :

☒ 1. in accordance with the loading conditions provided in the approved loading Manual, stamped and dated 28 March 2021 and signed by a responsible officer of the Administration, or of an organization recognized by the Administration;

☒ 2. in accordance with the loading limitations appended to this Certificate.

Where it is required to load the vessel other than in accordance with the above instruction, then the necessary calculations to justify the proposed loading conditions should be communicated to the certifying Administration who may authorize in writing the adoption of the proposed loading condition.

This certificate is valid until* 29 April 2029 subject to surveys in accordance with 1.5 of the Guidelines.

Completion date of the survey on which this certificate is based: 30 April 2024

Issued at SINGAPORE, on the 23 September 2024

The undersigned declares that he is duly authorized by the said Government to issue this certificate.

**BUREAU VERITAS
MARINE & OFFSHORE**
Kam Chuen CHOW



This document is electronically signed and does not require a manual signature as defined in IMO guideline FAL.5-Circ.39.
[Click here for the verification website](#)



By Order of the Secretary

* Insert the day of expiry, as specified by the Administration, which should not exceed 5 years from the date of initial survey or the periodical survey.



INTERNATIONAL ENERGY EFFICIENCY CERTIFICATE

No SGP0/ZCH/20240814050052

Issued under the provisions of the Protocol of 1997, as amended
to amend the International Convention
for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978
relating thereto (hereinafter referred to as "the Convention")
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Particulars of ship

Name of Ship BV No : 25166G	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number*
SPEC NICHOLE	D5HX8 16811	MONROVIA	2721	9701126

THIS IS TO CERTIFY:

1. That the ship has been surveyed in accordance with regulation 5.4 of Annex VI to the Convention; and
2. That the survey shows that the ship complies with the applicable requirements in regulations 22, 23, 24, 25 and 26.

Completion date of the survey on which this Certificate is based (dd/mm/yyyy): 30/04/2024

Issued at SINGAPORE, on the 23 September 2024

**BUREAU VERITAS
MARINE & OFFSHORE**
Kam Chuen CHOW



This document is electronically signed and does not require a manual signature as defined
in IMO guideline FAL. 5-Circ.39.
[Click here for the verification website](#)



By Order of the Secretary

* In accordance with IMO ship identification number scheme, adopted by the Organization by resolution (resolution A.1117(30)).
This Certificate is complemented by Record No. SGP0/ZCH/20240814050052/SUPP

SUPPLEMENT TO THE
INTERNATIONAL ENERGY EFFICIENCY CERTIFICATE

(IEE CERTIFICATE)

RECORD OF CONSTRUCTION RELATING TO ENERGY EFFICIENCY

Notes:

1. This Record shall be permanently attached to the IEE Certificate. The IEE Certificate shall be available on board the ship at all times.
2. The Record shall be at least in English, French or Spanish. If an official language of the issuing Party is also used, this shall prevail in case of a dispute or discrepancy.
3. Entries in boxes shall be made by inserting either: a cross (x) for the answers "yes" and "applicable"; or a dash (-) for the answers "no" and "not applicable", as appropriate.
4. Unless otherwise stated, regulations mentioned in this Record refer to regulations in Annex VI of the Convention, and resolutions or circulars refer to those adopted by the International Maritime Organization.

1. PARTICULARS OF SHIP

- 1.1. Name of ship: **SPEC NICHOLE**
BV Register: **25166G**
- 1.2. IMO number: **9701126**
- 1.3. Date of building contract: **01 February 2013**
- 1.4. Date of major conversion (if applicable):
- 1.5. Gross tonnage: **2721**
- 1.6. Deadweight: **2896.5**
- 1.7. Type of ship**: **Ship other than any of the ship defined in Regulation 2**



** Insert ship type in accordance with definitions specified in regulation 2. Ships falling into more than one of the ship types defined in regulation 2 should be considered as being the ship type with the most stringent (the lowest) required EEDI. If ship does not fall into the ship types defined in regulation 2, insert "Ship other than any of the ship type defined in regulation 2".

2 PROPULSION SYSTEM

- [X] 2.1. Diesel propulsion
- [-] 2.2. Diesel-electric propulsion
- [-] 2.3. Turbine propulsion
- [-] 2.4. Hybrid propulsion
- [-] 2.5. Propulsion system other than any of the above

3 ATTAINED ENERGY EFFICIENCY DESIGN INDEX (EEDI)

- 3.1 The Attained EEDI in accordance with regulation 22.1 is calculated based on the information contained in the EEDI technical file which also shows the process of calculating the Attained EEDI.
The Attained EEDI is - grams-CO₂/tonne-mile

3.2 The Attained EEDI is not calculated as:

- [-] 3.2.1. the ship is exempt under regulation 22.1 as it is not a new ship as defined in regulation 2.2.18
- [-] 3.2.2. the type of propulsion system is exempt in accordance with regulation 19.3
- [-] 3.2.3. the requirement of regulation 22 is waived by the ship's Administration in accordance with regulation 19.4
- [X] 3.2.4. the type of ship is exempt in accordance with regulation 22.1

4 REQUIRED EEDI

- 4.1. Required EEDI is - grams-CO₂/tonne-mile
- 4.2. The required EEDI is not applicable as:

- [-] 4.2.1. the ship is exempt under regulation 24.1 as it is not a new ship as defined in regulation 2.2.18
- [-] 4.2.2. the type of propulsion system is exempt in accordance with regulation 19.3
- [-] 4.2.3. the requirement of regulation 24 is waived by the ship's Administration in accordance with regulation 19.4
- [X] 4.2.4. the type of ship is exempt in accordance with regulation 24.1
- [-] 4.2.5. the ship's capacity is below the minimum capacity threshold in Table 1 of regulation 24.2

5 ATTAINED ENERGY EFFICIENCY EXISTING SHIP INDEX (EEI)

- [-] 5.1. The Attained EEI in accordance with regulation 23.1 is calculated taking into account the guidelines*** developed by the Organization.
The Attained EEI is - grams-CO₂/tonne-mile

5.2 The Attained EEI is not calculated as:

- [-] 5.2.1 the type of propulsion system is exempt in accordance with regulation 19.3
- [X] 5.2.2. the type of ship is exempt in accordance with regulation 23.1

6 REQUIRED EEI

- 6.1. Required EEI is - grams-CO₂/tonne-mile in accordance with regulation 25
- 6.2. The required EEI is not applicable as:

- [-] 6.2.1. the type of propulsion system is exempt in accordance with regulation 19.3
- [X] 6.2.2. the type of ship is exempt in accordance with regulation 25.1
- [-] 6.2.3. the ship's capacity is below the minimum capacity threshold in table 3 of regulation 25.1

7 SHIP ENERGY EFFICIENCY MANAGEMENT PLAN

- [X] 7.1. The ship is provided with a Ship Energy Efficiency Management Plan (SEEMP) in compliance with regulation 26

8 EEDI TECHNICAL FILE

- [-] 8.1. The IEE Certificate is accompanied by the EEDI technical file in compliance with regulation 22.1
- 8.2. The EEDI technical file identification/verification number -
- 8.3. The EEDI technical file verification date

9 EEI TECHNICAL FILE

- [-] 9.1. The IEE Certificate is accompanied by the EEI technical file in compliance with regulation 23.1
- 9.1.1 The EEI technical file identification/verification number -
- 9.1.2 The EEI technical file verification date

attained EEI

- [-] 9.2. The IEE Certificate is not accompanied by the EEI technical file as the attained EEDI is used as an alternative to the

*** Refer to the 2021 Guidelines on the method of calculation of the attained Energy Efficiency Existing Shipindex (EEI) (resolution MEPC.333(76))

SUPPLEMENT TO IEE CERTIFICATE No : SGP0/ZCH/20240814050052/SUPP
NAME OF SHIP : SPEC NICHOLE
BV REGISTER : 25166G

THIS IS TO CERTIFY that this Record is correct in all respects.

Issued at SINGAPORE, on the 23 September 2024

BUREAU VERITAS
MARINE & OFFSHORE
Kam Chuen CHOW



This document is electronically signed and does not require a manual signature as defined
in IMO guideline FAL. 5-Circ.39.
[Click here for the verification website](#)



By Order of the Secretary



MARITIME LABOUR CERTIFICATE

No SGI0/FZN/20250109044859

Issued under the provisions of Article V and Title 5 of the
Maritime Labour Convention, 2006
(referred to below as "the Convention")
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

(Note: This certificate shall have a Declaration of Maritime Labour Compliance attached)

Name of Ship BV No: 25166G	Distinctive number or letters	Port of Registry Date of Registry	Gross Tonnage*	IMO Number
SPEC NICHOLE	D5HX8	MONROVIA 15 March 2016	2721	9701126

Name and address of the Shipowner**	Type of ship
ABC MARITIME AG 1 RUE PERDTEMPS CH-1260 NYON SWITZERLAND	Other Cargo Ship

This is to certify:

- That this ship has been inspected and verified to be in compliance with the requirements of the Convention, and the provisions of the attached Declaration of Maritime Labour Compliance.
- That the seafarers working and living conditions specified in Appendix A5-I of the Convention were found to correspond to the above mentioned country's national requirements implementing the Convention. These national requirements are summarized in the Declaration of Maritime Labour Compliance, Part I.

This Certificate is valid until **02 October 2029** subject to inspections in accordance with Standards A5.1.3 and A5.1.4 of the Convention.

This Certificate is valid only when the Declaration of Maritime Labour Compliance issued at LABUAN, MALAYSIA on **03 October 2024** is attached.

Completion date of the inspection on which this Certificate is based was: 03 October 2024

Issued at SHANGHAI, CHINA, on the **09 January 2025**

**BUREAU VERITAS
MARINE & OFFSHORE**

SHANGHAI
BUREAU VERITAS
No.1288 Wai Ma Lu,
5th Floor, Huangpu district,
SHANGHAI 200011
CHINA

OLIVER, JIE CHEN



This document is electronically signed and does not require a manual signature as defined in IMO guideline FAL.5-Circ.39.
[Click here for the verification website](#)



By Order of the Secretary

* For ships covered by the tonnage measurement interim scheme adopted by the IMO, the gross tonnage is that which is included in the REMARKS column of the International Tonnage Certificate (1969). See Article II(1)(c) of the Convention.

** "Shipowner" means the owner of the ship or another organization or person, such as the manager, agent or bareboat charterer, who has assumed the responsibility for the operation of the ship from the owner and who, on assuming such responsibility, has agreed to take over the duties and responsibilities imposed on shipowners in accordance with this Convention, regardless of whether any other organizations or persons fulfil certain of the duties or responsibilities on behalf of the shipowner. See article II(1)(j) of the Convention.

(*) Full designation and address of the competent authority or recognized organization duly authorized under the provisions of the Convention



THE REPUBLIC OF LIBERIA
LIBERIA MARITIME AUTHORITY

Maritime Labour Convention, 2006

Declaration of Maritime Labour Compliance - Part I

*(Note: This Declaration must be attached
to the ship's Maritime Labour Certificate)*

Issued under the authority of The Liberia Maritime Authority, Republic of Liberia

With respect to the provisions of the Maritime Labour Convention, 2006, the following referenced ship:

Name of Ship	IMO Number	Gross Tonnage
SPEC NICHOLE	9701126	2,721

is maintained in accordance with Standard A5.1.3 of the Convention.

The undersigned declares, on behalf of the abovementioned competent authority, that:

- (a) the provisions of the Maritime Labour Convention are fully embodied in the national requirements referred to below.
- (b) these national requirements are contained in the national provisions referenced below explanations concerning the content of those provisions are provided where necessary.
- (c) the details of any substantial equivalencies under Article VI, paragraphs 3 and 4, are provided in the section for this purpose below.
- (d) any exemptions granted by the competent authority in accordance with Title 3 are clearly indicated in the section provided for this purpose below and
- (e) any ship-type specific requirements under national legislation are also referenced under the requirements concerned.

1. Minimum age (Regulation 1.1)

Liberian Maritime Regulation 10.326; Liberian Maritime Law Sections 326 and 326(2); and M. Notice RLM 118 (the Requirements for Liberian Merchant Marine Personnel Certification) Regulations 5.2.2.6; 5.2.3; 5.4.2.7 as amended: Other than a ship's cook who shall be at least 18 years old, the minimum age allowed is 16-years for employment as seafarer. Night work is prohibited for seafarers under age 18. See Marine Notice MLC-002 (paragraph 1.1) which provides for exception to night work for seafarers under age 18. Night is defined as a period of at least nine (9) consecutive hours starting at 2100 (9:00pm) and ending no earlier than 0600 (6:00 a.m.), which period shall be specified in the DMLC Part II. The employment, engagement or work of seafarers under age 18 is prohibited where the work is likely to jeopardize their health or safety. See also MLC-005 (paragraph 3.3) which provides the detail of such work that is likely to jeopardize their health or safety.



Insurance policy reference:
Insurance period:
Created:

2025 43589 29 1
20.02.2025 to 20.02.2026
04.02.2025 16:02:09

Certificate of Entry - Owner's P&I Entry

Ship / IMO no.	SPEC NICHOLE / 9701126
Gross tonnage	2,721
Built / Flag / Port / Class	2016 / Liberia / Monrovia / Bureau Veritas

The Ship named herein is entered in Gard P. & I. (Bermuda) Ltd. (the "Association") for the account of the named Assured(s). The entry is subject to the Association's Statutes or Bye-Laws, as the case may be, Rules for P&I and Defence cover for ships and other floating structures (the "Rules") from time to time in force, to the Association's standard deductibles and any other terms as may from time to time be circularised, but subject always to the special terms and conditions (if any) endorsed herein.

For full conditions see <https://www.gard.no/statutes-and-guidances/>.

Association	Gard P. & I. (Bermuda) Ltd., Norwegian Branch Kittelsbuktveien 31 4836 ARENDAL Norway
-------------	--

Duration of cover	This entry shall commence on 20th February 2025 12:00:00 GMT and shall apply until 20th February 2026 11:59:59 GMT, unless the entry ceases or is terminated in accordance with the Rules or a new Certificate of Entry is issued.
-------------------	--

Risks covered	P&I cover, as specified in Part II of the Rules. 4/4 Liability resulting from collision with other ships (Rule 36.1.a.ii) Liability for loss of or damage to any fixed or floating object (Rule 37.a) Defence cover, as specified in Part IV of the Rules.
---------------	---

Assured(s)	ABC Maritime AG (Manager)
------------	---------------------------

Registered owner and full address	SPEC 3 Limited Intershore Chambers Road Town Tortola British Virgin Islands
-----------------------------------	---

Co-assured(s)	ABC Maritime AG (Technical manager) SPEC 3 Limited (Registered owner)
---------------	--



CERTIFICATE OF INSURANCE OR OTHER FINANCIAL SECURITY IN RESPECT OF SHIPOWNER'S LIABILITY AS REQUIRED UNDER REGULATION 4.2, STANDARD A4.2.1 OF THE MARITIME LABOUR CONVENTION 2006, AS AMENDED

Name of ship	SPEC NICHOLE
Distinctive numbers or letters	D5HX8
IMO ship identification number	9701126
Port of registry	Monrovia
Name, full address and website of the provider of insurance or other financial security	Gard P. & I. (Bermuda) Ltd., Norwegian Branch Kittelsbuktveien 31 4836 Arendal Norway www.gard.no
Contact details of the persons or entity responsible for handling seafarers' request for relief	MLC@gard.no Emergency number: +47 90 52 41 00
Name of the shipowner on whose behalf financial security has been provided	SPEC 3 Limited
Period of validity of the financial security	20th February 2025 noon GMT to 20th February 2026 noon GMT

THIS IS TO CERTIFY that there is in force a policy of insurance or other financial security in respect of the above-named ship while in the above ownership while which meets the financial security requirements of Regulation 4.2, Standard A4.2.1 paragraph 1 (b) of the Maritime Labour Convention 2006, as amended, where it is in force and applicable.

Provided always that the Insurer or provider of financial security may cancel this certificate in accordance with Standard A4.2.1.12 by giving at least 30 days' written notice to the above Authority whereupon the liability of the insurer hereunder shall cease as from the date of expiry of the said period of notice but only as regards incidents arising thereafter.

The policy of insurance is subject to certain conditions and limitations details of which can be found on the provider's website under "Maritime Labour Convention Extension Clause 2016".

Date: 22nd January 2025

This certificate has been issued for and on behalf of the above named provider of insurance or other financial security:


Marianne Bruun Mackrill

As agent for the insurer
Gard AS
Kittelsbuktveien 31
4836 ARENDAL
Norway

Name of the insurer:
Gard P. & I. (Bermuda) Ltd., Norwegian Branch
Kittelsbuktveien 31
4836 Arendal
Norway



ZUG

WWW.GEORG-DUNCKER.COM

CONFIRMATION OF COVER

Assured : SPEC 3 Limited
(Versicherungsnehmer)

Co-Assured : ABC Maritime AG as Technical Manager
(Mitversicherte)

Interests/Periods :
1) Hull & Machinery 08.04.2025 until 07.04.2026
2) Increased Value 08.04.2025 until 07.04.2026
3) Loss of Hire 08.04.2025 until 02.05.2025
4) War Risk 08.04.2025 until 07.04.2026

Vessel : **SPEC NICHOLE** (IMO No 9701126), Built 2016, Port of Registry Monrovia, Flag Liberia

Sums Insured :
1) USD 12.000.000
2) USD 6.000.000
3) USD 1.800.000 (USD 20.000 for max. 90 days)
4) USD 18.000.000, plus USD 3.600.000 (20.000 * 180 days)

Trading :
1), 2), 3) European and non-European Trading as per 7.2 DTV-Hull Clauses 1978 (2/92);
4) Worldwide subject to Hull War, Piracy, Terrorism and Related Perils Listed Areas JWLA-032 dated 18th December 2023 or held covered at terms to be agreed.

Conditions :
1) ADS/DTV 78(2/92) for Hull excl. RDC and ffo, excl. Piracy.
2) ADS/DTV 78 (2/92) for IV, excl. Piracy.
3) LOH as per Part one Chapter 16 Nordic Marine Insurance Plan
4) War on German War Risk Conditions 2020, incl. Piracy.

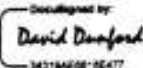
All interests: Sanction Limitation and Exclusion Clauses as per respective policy

Calls to Russia + Ukraine have to be advised to us in advance to allow a Sanctions Check.

Placed via : Georg Duncker GmbH & Co. KG

Hamburg, 18 September 2025

GEORG DUNCKER GmbH & Co. KG

Authorized by:

36019408-86477
David Dunford
Regional Head

Georg Duncker GmbH & Co. KG, Hamburg, Zweigniederlassung Zug (Schweiz)

Baarerstrasse 8 | 6300 Zug | Switzerland | +49 40 37 60 04 0 | UID: CHE325.472.517 | FINMA-ID: F01503850

Managing Director: Peter Schult

UniCredit Bank GmbH - Konten:

EUR: DE84 2003 0000 0040 2697 12

BIC: HYVEDEMM300

USD: DE31 2003 0000 0040 2696 96

BIC: HYVEDEMM300

CHF: DE08 2003 0000 0040 2697 22

BIC: HYVEDEMM300



THE REPUBLIC OF LIBERIA
LIBERIA MARITIME AUTHORITY

**CERTIFICATE OF INSURANCE OR OTHER FINANCIAL
SECURITY IN RESPECT OF CIVIL LIABILITY FOR BUNKER OIL POLLUTION DAMAGE**

Issued in accordance with the provisions of Article 7 of the International
Convention on Civil Liability for Bunker Oil Pollution Damage, 2001

Name of ship	Distinctive number or letters	IMO ship identification number	Port of registry	Name and full address of the principal place of business of the registered owner
SPEC NICHOLE	D5HX8	9701126	Monrovia, Liberia	SPEC 3 LIMITED British Virgin Islands registered as a Foreign Maritime Entity in Monrovia, Liberia

This is to certify that there is in force in respect of the above-named ship a policy of insurance or other financial security satisfying the requirements of Article 7 of the International Convention on Civil Liability for Bunker Oil Pollution Damage, 2001.

Type of Security POLICY OF INSURANCE

Duration of Security February 20, 2025 to February 20, 2026

Name and Address of the Insurer(s) and/or Guarantor(s)

Name: Gard P. & I. (Bermuda) Ltd

Address: Norwegian Branch, Kittelsbuktveien 31

4836 Arendal, Norway

This Certificate is valid until February 20, 2026.

Issued by the Government of the Republic of Liberia, Liberia Maritime Authority
DATE : February 10, 2025
At: Dulles, Virginia USA



M Ansumana

Margaret Ansumana
Senior Deputy Commissioner of Maritime Affairs
Republic of Liberia





THE REPUBLIC OF LIBERIA
LIBERIA MARITIME AUTHORITY

**CERTIFICATE OF INSURANCE OR OTHER FINANCIAL SECURITY
IN RESPECT OF LIABILITY FOR THE REMOVAL OF WRECKS**

Issued in accordance with the provisions of Article 12 of the
Nairobi International Convention on the Removal of Wrecks, 2007

Name of ship	Gross tonnage	Distinctive number or letters	IMO ship identification number	Port of registry	Name and full address of the principal place of business of the registered owner
SPEC NICHOLE	2,721	D5HX8	9701126	Monrovia, Liberia	SPEC 3 LIMITED British Virgin Islands registered as a Foreign Maritime Entity in Monrovia, Liberia

This is to certify that there is in force, in respect of the above-named ship, a policy of insurance or other financial security satisfying the requirements of article 12 of the Nairobi International Convention on the Removal of Wrecks, 2007.

Type of Security POLICY OF INSURANCE

Duration of Security February 20, 2025 to February 20, 2026

Name and address of insurer(s) and/or guarantor(s)

Name Gard P. & I. (Bermuda) Ltd

Address Norwegian Branch, Kittelsbuktveien 31
4836 Arendal, Norway

This Certificate is valid until February 20, 2026

Issued by the Government of the Republic of Liberia, Liberia Maritime Authority

DATE : February 10, 2025

At: Dulles, Virginia USA



Margaret Ansumana

Margaret Ansumana
Senior Deputy Commissioner of Maritime Affairs
Republic of Liberia





INTERNATIONAL TONNAGE CERTIFICATE (1969)

No. 25166G/CPO/2.0.1

Issued under the provisions of the
INTERNATIONAL CONVENTION ON TONNAGE MEASUREMENT OF SHIPS, 1969

under the authority of the

REPUBLIC OF LIBERIA

For which the Convention came into force on 18 July 1982

by BUREAU VERITAS

Name of the Ship	Distinctive Number or Letters	Port of Registry	Date(*)
SPEC NICHOLE BV REG: 25166G IMO n°: 9701128	D5HX8 O.N. n°: 16811	MONROVIA	2014

*Date on which keel was laid or the ship was at a similar stage of construction, (Article 2(6)), or date on which the ship underwent alterations or modifications of a major character, (Article 3(2) (b)), as appropriate.

MAIN DIMENSIONS

Length (Article 2(8))	Breadth (Regulation 2(3))	Moulded Depth amidships to Upper Deck (Regulation 2(2))
65.72 m	17.20 m	7.80 m

THE TONNAGES OF THE SHIP ARE :

GROSS TONNAGE	2721
NET TONNAGE	1010

THIS IS TO CERTIFY that the tonnage of this ship have been determined in accordance with the provisions of the International Convention on Tonnage Measurement of Ships 1969.

Issued at SHANGHAI, P. R. CHINA the 29/02/2024

The undersigned declares that Bureau Veritas is duly authorized by the said Government to issue this certificate.

BUREAU VERITAS

Authorized Agent of the Republic of Liberia



This document is electronically signed and does not require a manual signature as defined in IMO guideline FAL.5-Circ.39.

[Click here for validation webpage](#)



M. CHEN

By order of the Secretary

SPACES INCLUDED IN TONNAGE

GROSS TONNAGE			NET TONNAGE		
Name of Space	Location	Length (m)	Name of Space	Location	Length (m)
UNDERDECK (Including Forecastle)			N°1 DRY BULK TANK (P)	FR 19.2 – 24.8	3.64
			N°2 DRY BULK TANK (S)	FR 19.2 – 24.8	3.64
			N°3 DRY BULK TANK (P)	FR 13.2 – 18.8	3.64
1st TIER – 01 DECK			N°4 DRY BULK TANK (S)	FR 13.2 – 18.8	3.64
			N°1 MUD TANK (P&S)	FR 36 – 47	5.85
DECKHOUSE	FR 69 – 89	13.00	N°2 MUD TANK (P&S)	FR 28 – 39	7.15
EM. GRM. RM.	FR 55 – 63	5.20	BRINE (P&S)	FR 51 – 58	4.55
DECKSTORE	FR 53 – 63	6.50	DRILL / F.B.W.T. (C)	FR 93 – FWD	6.57
E.R. VENTS	FR 65 – 69	2.60	DRILL / N°1 B.W.T. (C)	FR 83 – 93	6.50
			DRILL / N°1 B.W.T. (P&S)	FR 69 – 83	9.10
2nd TIER – 02 DECK			DRILL / N°2 B.W.T. (P&S)	FR 55 – 69	9.10
			DRILL / N°3 B.W.T. (P&S)	FR 42 – 55	8.45
DECKHOUSE	FR 69 – 91	14.30	DRILL / N°4 B.W.T. (C)	FR 26 – 42	10.40
			DRILL / N°4 B.W.T. (P&S)	FR 28 – 42	9.10
3rd TIER – 03 DECK			DRILL / N°5 B.W.T. (C)	FR 13 – 26	8.45
			DRILL / N°5 B.W.T. (P&S)	FR 13 – 28	9.75
WHEELHOUSE	FR 67 – 86	12.55	DRILL / A.B.W.T. (P&S)	AFT – FR 4	7.61
			CARGO / N°1 F.O.T/ (C)	FR 47 – 51	2.60
4th TIER – 04 DECK			CARGO / N°1 F.O.T/ (P&S)	FR 47 – 55	5.20
			CARGO / N°2 F.O.T/ (P&S)	FR 28 – 47	12.35
DECKSTORE	FR 72 – 80.5	5.55	CARGO / N°3 F.O.T/ (P&S)	FR 14 – 21	4.55
			CARGO / N°1 F.W.T/ (P&S)	FR 83 – 93	6.50
FUNNEL	FR 72 – 75	1.95	CARGO / N°2 F.W.T/ (P&S)	FR 69 – 83	9.10
			CARGO / N°3 F.W.T/ (P&S)	FR 4 - 13	5.85
EXCLUDED SPACES (Regulation 2(5))			NUMBER OF PASSENGERS (Regulation 4(1))		
			Number of passengers in cabins with no more than 8 berths: /		
			Number of other passengers : /		
An asterisk(*) should be added of those spaces listed above which comprise both enclosed & excluded spaces			MOULDED DRAUGHT: 6.30 m (Regulation 4(2))		
Date and place of original measurement:			14/01/2016 SHANGHAI, P. R. CHINA		
Date and place of last previous remeasurement:					
REMARKS:					

**INTERNATIONAL TONNAGE CERTIFICATE (1969)**

(continuation)

No. 25166G/CPO/2.0.1

REPUBLIC OF LIBERIA

Name of the Ship	Distinctive Number or Letters	Port of Registry
SPEC NICHOLE BV REG: 25166G IMO n°: 9701126	D5HX8 O.N. n°: 16811	MONROVIA

SERVICE CONDITION OF VESSEL: Tug / Supply vessel / Fire fig

Built by		Year built	Place built	
ZHEJIANG SHIPBUILDING CO.,LTD		2016	ZHEJIANG, CHINA	
Number of masts	No. decks	Material	Type stern	Type stern
ONE (1)	ONE (1)	STEEL	RAKED WITH BULB	TRANSOM
I Agree To The Description and Measurement Set Forth Herein Owner, Master or Agent Print Signator's Name below Signature				

Issued at SHANGHAI, P. R. CHINA the 29/02/2024

The undersigned declares that Bureau Veritas is duly authorized by the said Government to issue this certificate.

BUREAU VERITAS

Authorized Agent of the Republic of Liberia

**M. CHEN**
By order of the Secretary

FLAG STATE VERIFICATION AND ACCEPTANCE DOCUMENT



No SGI0/HWG/20240923110153

Issued under the provisions of the
GUIDELINES FOR VESSELS WITH DYNAMIC POSITIONING SYSTEMS
(MSC/Circular 645)
under the authority of the Government of
REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Name of Vessel BV No : 25166G	Distinctive Number or Letters	Port of Registry	Type	IMO Number
SPEC NICHOLE	D5HX8	Monrovia	Tug / Supply vessel / Fire fighting ship	9701126

Date on which keel was laid or vessel was at a similar stage of construction or on which major conversion was commenced: 16 September 2014

THIS IS TO CERTIFY

that the above-mentioned vessel has been duly documented, surveyed, and tested in accordance with the Guidelines for Vessels with Dynamic Positioning Systems (MSC Circular 645) and found to comply with the Guidelines.

The vessel is allowed to operate in DP Equipment Class 2 and in lower equipment classes.

This document remains valid until **29 April 2029**

Unless terminated by the Administration, provided that the vessel is operated, tested, and surveyed according to the requirements in the Guidelines and the results are properly recorded.

Issued at Shanghai, China, on the 23 September 2024

The undersigned declares to be duly authorized by the said Government to issue this document.

**BUREAU VERITAS
MARINE & OFFSHORE**
Seven Chen



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[Click here for the verification website](#)



By Order of the Secretary



STATIC BOLLARD PULL CERTIFICATE

No DKT0/HSW/20240814070656

Name : SPEC NICHOLE
Builder :
Owner : SPEC 3 LIMITED

BV Reg. : 25166G
Year of Build : 15 March 2016

CLASSIFICATION

LOA : 72.0 Mtr B: 17.2 Mtr
LPP : 62.88 Mtr C: 7.8 Mtr T: 6.30 Mtr

PROPULSION

Nb : 2 (Two) Type : Kamewa CP-A1 Builder : Rolls-Rouce AB
Total Power : 2x4500 Kw
Propeller(s) : 2
Free run speed : 138 RPM22 Bunkers : 221.1 T
Estimated range : 14 Knots Days* :
(economical)

SUSTAINED BOLLARD PULL	150.90 TONS (1479.8 kN)
MAXIMUM STATIC BOLLARD PULL	154.20 TONS (1512.1 kN)

(From tests results, see attached annex)

TOWING EQUIPMENT

(Traction equipment if Fishing Vessel)

- Main Tow Line(s)	L = 1500 m	Breaking Load: 3850
Characteristics (Composition, Diameter):	76	
- Spare Tow Line(s)	L = - m	Breaking Load: -
Characteristics (Composition, Diameter):	-	
- Winch(es): AHTW-BSL.250W/SL	Rating Pull:250	Brake: 400
- Towing Pennants		
L = -	BL = -	Characteristics: -
L = -	BL = -	Characteristics: -
- Shackles :		

IN WITNESS WHEREOF THE PRESENT CERTIFICATE HAS BEEN ISSUED AND SIGNED
TO SERVE AS IT MIGHT BE REQUIRED

* As declared by the Owner

A Batam-INDONESIA , le 14 August 2024

BUREAU VERITAS
MARINE & OFFSHORE

Herdiangga
Suwandarafidaswara



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The latest published Rules of the Bureau Veritas Marine & Offshore and the Bureau Veritas Marine & Offshore General Conditions are applicable.
La dernière édition des Règlements de Bureau Veritas Marine & Offshore ainsi que des Conditions Générales de Bureau Veritas Marine & Offshore sont applicables.

Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.

Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgment, fault or negligence committed by personnel of the Society or of its agents in the establishment or issuance of this document, and in connection with any activities for which it may provide



**BUREAU
VERITAS**

**INTERNATIONAL CLASSIFICATION SOCIETY
CERTIFICATE OF CLASSIFICATION**

Nr SGP0/ZCH/20240814025619-E1

SPEC NICHOLE

Ship's Name

Liberia

Flag

SPEC 3 LIMITED

Owners

25166G

Register Nr

MONROVIA

Port of Registry

This is to certify that the above named ship has been entered in the Bureau Veritas Register Book with the following classification symbols and notations

I ⌘ HULL ⌘ MACH

Tug; Supply vessel; Fire fighting ship 1-water spraying; Special service - Anchor Handling

LHNS -oil product flash point > 60°C

Unrestricted navigation

⌘ AUT-UMS , PROTECTED FO TANK , CLEANSHIP , ⌘ DYNAPOS AMAT R

This certificate is issued within the scope of Bureau Veritas Marine & Offshore General Conditions.

At SINGAPORE

Limit date of validity

on 23 September 2024

29 April 2029

The hull of the ship is surveyed under normal survey system

The machinery of the ship is surveyed under normal survey system

**BUREAU VERITAS
MARINE & OFFSHORE
Kam Chuen CHOW**



This document is electronically signed and does not require a manual signature as defined in IMO guideline FAL. 5-Circ.39.

[Click here for the verification website](#)



By Order of the Secretary

ENDORSEMENT FOR ANNUAL AND INTERMEDIATE SURVEYS

The endorsements refer to the completion of periodical surveys only.

Annual survey 1 (from 29 Jan 2025 to 29 Jul 2025)	Signed : Rusdin Lestaluhu <i>(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)</i> Place : Batam, INDONESIA Date : 18 February 2025	
Annual survey 2 (from 29 Jan 2026 to 29 Jul 2026)	Signed : <i>(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)</i> Place : Date :	
Intermediate survey (from 29 Jan 2026 to 29 Jul 2027)	Signed : <i>(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)</i> Place : Date :	
Annual survey 3 (from 29 Jan 2027 to 29 Jul 2027)	Signed : <i>(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)</i> Place : Date :	
Annual survey 4 (from 29 Jan 2028 to 29 Jul 2028)	Signed : <i>(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)</i> Place : Date :	

Conditions of validity:

1. This certificate remains the property of Bureau Veritas Marine & Offshore SAS ("the Society").
2. This certificate cannot be used in connection with the sale of ship without permission of the Society.
3. The validity of the assigned class is conditioned upon due compliance with the requirements of chapter 2 of the Rules regarding notably adequate maintenance and operation of the ship and declaration of defects to the Society.
4. The latest published Rules of Bureau Veritas Marine & Offshore and the General Conditions are applicable.

2



ATTESTATION OF CARGO GEAR SURVEY
ATTESTATION DE VISITE DES APPAREILS DE LEVAGE

No. : DKT0/ULT/20250305020940

Name of Ship : SPEC NICHOLE
Nom du navire :

Register No. : 25166G
N° de Registre :

Flag : Liberia
Pavillon :

Name of Owner : SPEC 3 LIMITED
Armateur :

Place of survey : Batam, INDONESIA
Lieu de la visite :

Date of survey : 18 February 2025
Date de la visite :

At the request of / à la demande de (1):
Ship's Manager

the following cargo gear consisting of / les appareils de levage suivants (2) :
Provision Crane, S.W.L: 2T

has been submitted to the following inspections, examinations and test according to the requirements of / ont été soumis aux inspections, examens et épreuves suivants, en accord avec les prescriptions :

- ☐ Bureau Veritas Marine & Offshore Rules / du Règlement du Bureau Veritas Marine & Offshore
☒ ILO Convention / de la Convention
☐ Other / autre :

Date: 18 February 2025

Place : Batam, INDONESIA

Certificate Comment:

Surveyor's name and signature:

Nom et signature de l'Expert :

Rusdin Lestaluhu

District Stamp
Cachet du District



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BUREAU
VERITAS

ATTESTATION OF TEST OF MEANS OF EMBARKATION/DISEMBARKATION

No SG10/ENC/20240429182600

Name of Ship BV No : 25166G	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number
SPEC NICHOLE	D5HX8 16811	Monrovia	2721	9701126

This attestation is issued pursuant to SOLAS Chapter II-1 Regulation 3-9 and IMO MSC.1/Circ.1331 "Guidelines for construction, installation, maintenance and inspection/survey of means of embarkation and disembarkation".

Distinguishing number or mark (1)	Description of the mean of embarkation / disembarkation (2)	Date of test	Test load (Tonnes) (3) (4)	Design load (Tonnes) (3) (5)
1	Aluminum Wharf Gangway Ladder	30/04/2024	1.469	1.469

Name and address of Maker or Supplier : Jiangsu Jiangyan Marine Outfitting Co., Ltd.

I, undersigned, Surveyor to Bureau Veritas Marine & Offshore, certify that on the date to which I have appended my signature, the above mean of embarkation / disembarkation were tested and that no permanent deformation or damage were found.

Date: 30 April 2024

Surveyor's name and signature

Seven Chen

Place: Shanghai, China

District stamp



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This attestation is delivered within the scope of the General Conditions of Bureau Veritas Marine & Offshore
See instructions overleaf

☐ Initial examination

Examen initial

☐ Periodic re-testing and thorough examination

Essai périodique et examen à fond

☒ Annual thorough examination

Examen à fond annuel

☐ Occasional survey of

Visite occasionnelle

Following the above surveys, the gear as listed above was found , Satisfactory
A la suite de ces visites, les appareils de levage indiqués ci-dessus ont été trouvés en état satisfaisant
and the / et le (3) Register of ship's lifting appliances and cargo handling gear
was endorsed / a été endossé (4) Part I-C

Certificates Issued / Certificats émis (5) :
SG10/ENC/20240429182851

Notes / Notes :

- (1) Person making request / personne ayant fait la demande
- (2) List of all appliances concerned / indiquer tous les appareils concernés
- (3) Specify : Cargo gear Register, Annex to Classification Certificate, etc. / spécifier : Register des Appareils de Levage.
- (4) Precise endorsement / préciser l'endossement
- (5) List the certificates issued / indiquer les certificats émis

The latest published Rules of the Bureau Veritas Marine & Offshore and the General Conditions therein are applicable.
La dernière édition des Règlements de Bureau Veritas Marine & Offshore ainsi que les Conditions Générales qui y figurent sont applicables.

Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or its Agents in the establishment or issuance of this document, and in connection with any activities for which it may provide

Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas Marine & Offshore pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.



BUREAU
VERITAS

ATTESTATION OF TEST OF MEANS OF EMBARKATION/DISEMBARKATION

No SGI0/ENC/20240429182600

Name of Ship BV No : 25166G	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number
SPEC NICHOLE	D5HX8 16811	Monrovia	2721	9701126

This attestation is issued pursuant to SOLAS Chapter II-1 Regulation 3-9 and IMO MSC.1/Circ.1331 "Guidelines for construction, installation, maintenance and inspection/survey of means of embarkation and disembarkation".

Distinguishing number or mark (1)	Description of the mean of embarkation / disembarkation (2)	Date of test	Test load (Tonnes) (3) (4)	Design load (Tonnes) (3) (5)
1	Aluminum Wharf Gangway Ladder	30/04/2024	1.469	1.469

Name and address of Maker or Supplier : Jiangsu Jiangyan Marine Outfitting Co., Ltd.

I, undersigned, Surveyor to Bureau Veritas Marine & Offshore, certify that on the date to which I have appended my signature, the above mean of embarkation / disembarkation were tested and that no permanent deformation or damage were found.

Date: 30 April 2024

Surveyor's name and signature
Seven Chen

Place: Shanghai, China
District stamp



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This attestation is delivered within the scope of the General Conditions of Bureau Veritas Marine & Offshore
See instructions overleaf



CARGO SHIP SAFETY CONSTRUCTION CERTIFICATE

No SGP02CH20240814030436-E1

Issued under the provisions of the
INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA,
1974,
AS MODIFIED BY THE PROTOCOL OF 1988 RELATING THERETO
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Name of Ship BV No : 25166G	Distinctive Number or Letters D5HXA 16811	Port of Registry MONROVIA	Gross Tonnage 2721	IMO Number 9701126
SPEC NICHOLE				

Deadweight of ship (metric tons) *:

TYPE OF SHIP:

- ☐ Bulk Carrier
☐ Oil Tanker
☐ Chemical Tanker

- ☐ Gas Carrier
☒ Cargo ship other than any of the above

Date of build:

- Date of building contract: 01 Feb 2013
- Date on which keel was laid or ship was at a similar stage of construction: 16 Sep 2014
- Date of delivery: 15 Mar 2016
- Date of which work for a conversion or an alteration or modification of a major character was commenced (where applicable): NA

All applicable dates shall be completed.

THIS IS TO CERTIFY:

- 1 That the ship has been surveyed in accordance with the requirements of regulation 3/10 of the Convention.
- 2 That the survey showed that:
 - 2.1 the conditions of the structure, machinery and equipment as defined in the above regulation was satisfactory and the ship complied with the relevant requirements of chapters II-1 and II-2 of the Convention (other than those relating to fire safety systems and appliances and fire control plans); and
 - 2.2 the ship complied with part G of chapter II-1 of the Convention using N/A
- 3 That the last two inspections of the outside of the ship's bottom took place on 28 Mar 2021 and (dates) 30 Apr 2024
- 4 That an Exemption Certificate has not been issued.
- 5 That the ship was not subjected to an alternative design and arrangements in pursuance of regulation(s) II-1/55, II-2/17 of the Convention;
- 6 That a Document of approval of alternative design and arrangements for machinery and electrical installations, fire protection is not appended to this Certificate.



CARGO SHIP SAFETY CONSTRUCTION CERTIFICATE No: SGP0/ZCH/20240814030436-E1
NAME OF SHIP : SPEC NICHOLE
BV REGISTER : 25166G

This certificate is valid until **** 29 April 2029**

subject to the annual and intermediate surveys and inspections of the outside of the ship's bottom in accordance with regulation I/10 of the Convention.

Completion date of the survey on which this certificate is based: **30 Apr 2024**

Issued at SINGAPORE, on the 23 September 2024

BUREAU VERITAS
MARINE & OFFSHORE
Kam Chuen CHOW



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By Order of the Secretary

- * For oil tankers, chemical tankers and gas carriers only
- ** Insert the date of expiry as specified by the Administration in accordance with regulation 1/14(a) of the Convention. The day and the month of this date correspond to the anniversary date as defined in regulation 1/2(n) of the Convention, unless amended in accordance with regulation 1/14(h).



INTERNATIONAL LOAD LINE CERTIFICATE

No DKT0/ULT/20250617125219

Issued under the provisions of the
INTERNATIONAL CONVENTION ON LOAD LINES, 1966,
as modified by the Protocol of 1988 relating thereto
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Name of Ship BV NO: 25166G	Distinctive Number or Letters	Port of Registry	Length (L) as defined in Article 2(8) (m)	IMO Number
SPEC NICHOLE	D5HX8 16811	MONROVIA	65.724	9701126

Freeboard assigned as: | New Ship

Type of Ship: | Type "B"

Freeboard from deck line

Tropical	1380 mm (T)
Summer	1511 mm (S)
Winter	1642 mm (W)
Winter North Atlantic	1692 mm (WNA)
Timber Tropical	- mm (LT)
Timber Summer	- mm (LS)
Timber Winter	- mm (LW)
Timber Winter North Atlantic	- mm (LWNA)

Load line

131 mm / above (S)
Upper edge of line through centre of ring.
131 mm / below (S)
181 mm / below (S)
- mm / above (LS)
- mm / above (S)
- mm / below (LS)
- mm / below (LS)

Note: Freeboards and load lines which are not applicable need not be entered on the certificate. Subdivision load lines may be entered on the certificate on a voluntary basis.

Allowance for fresh water for all freeboards other than timber 125 mm.

For timber freeboards - mm.

The upper edge of the deck line from which these freeboards are measured is 0 mm from the top of the steel upper deck at side.



THIS IS TO CERTIFY:

- That the ship has been surveyed in accordance with the requirements of article 14 of the Convention.
- That the survey showed that the freeboards have been assigned and load lines shown above have been marked in accordance with the Convention.

This certificate is valid until* 29 April 2029, subject to annual surveys in accordance with Article 14(1)(c) of the Convention, due on 29 April (Range from 29 January to 29 July).

Completion date of the renewal survey on which this certificate is based: 30 April 2024.

Issued at SINGAPORE, on the 17 June 2025

**BUREAU VERITAS
MARINE & OFFSHORE**
Kam Chuen CHOW



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By Order of the Secretary

* Insert the date of expiry as specified by the Administration in accordance with article 19(1) of the Convention. The day and month of this date correspond to the anniversary date as defined in article 2(9) of the Convention, unless amended in accordance with article 19(8) of the Convention.



INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

No SGP0/ZCH/20240814045112-E1

Issued under the provisions of the Protocol of 1997, as amended
to amend the International Convention for the Prevention of
Pollution from Ships, 1973 as modified by the Protocol of 1978 relating thereto,
(hereinafter referred to as "the Convention")
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Name of Ship BV No : 25166G	Distinctive Number or Letters	Port of Registry	Gross Tonnage
SPEC NICHOLE	D5HX8 16811	Monrovia	2721

IMO number : 9701126

THIS IS TO CERTIFY

1. That the ship has been surveyed in accordance with Regulation 5 of Annex VI of the Convention; and
2. That the survey shows that the equipment, systems, fittings, arrangements and materials fully comply with the applicable requirements of Annex VI of the Convention.

Completion date of the survey on which this Certificate is based: 30 April 2024

This Certificate is valid until * **29 April 2029**

subject to surveys in accordance with Regulation 5 of Annex VI of the Convention.

Issued at SINGAPORE, on the 23 September 2024

Valid only when the Supplement No. SGP0/ZCH/20240814045112-E1/SUPP is available for inspection.

**BUREAU VERITAS
MARINE & OFFSHORE**
Kam Chuen CHOW



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By Order of the Secretary

* Insert date of expiry as specified by the Administration in accordance with regulation 9.1 of Annex VI of the Convention. The day and the month of this date correspond to the anniversary date as defined in regulation 2.1.3 of Annex VI of the Convention, unless amended with regulation 9.8 of Annex VI of the Convention.



ENGINE INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

No SG10/ENC/20240429170331

Issued under the provisions of the Protocol of 1997,
as amended by resolution MEPC.176(58)
to amend International Convention for the Prevention of Pollution from Ships,
1973 as modified by the Protocol of 1978 relating thereto
(hereinafter referred to as "the Convention")
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Engine manufacturer	Model number	Serial number	Test cycle(s)	Rated power (kW) and Speed (rpm)	Engine approval number
Bergen Engines AS	B32:40L9P/750	15319	E2	4500 kW 750 rpm	EIAPP-G-1336-0055

THIS IS TO CERTIFY:

1. That the above-mentioned marine diesel engine has been surveyed for pre-certification in accordance with the requirements of the Technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines (2008) made mandatory by Annex VI of the Convention; and
2. That the pre-certification survey shows that the engine, its components, adjustable features, and technical file, prior to the engine's installation and/or service on board a ship, fully comply with the applicable regulation 13 of Annex VI of the Convention.

This Certificate is valid for the life of the engine, subject to surveys in accordance with regulation 5 of Annex VI of the Convention, installed in ships under the authority of this Government.

Issued at Shanghai, China, on the 30 April 2024

Reference of the initial EIAPP Certificate or SoC: DNV-GL Certificate No. EIAPP-1336-55-A

**BUREAU VERITAS
MARINE & OFFSHORE**
Seven Chen



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By Order of the Secretary

1. PARTICULARS OF THE ENGINE (ctd)

1.8 If applicable, the engine is a parent engine ☐ or a Member Engine ☐ of the following Engine Family ☐ or Engine Group ☒
B32:40L720/750 IMO Tier2 1 2011

1.9 Individual engine or engine family / engine group details:

1.9.1 Approval reference: EIAPP-G-1336-0055

1.9.2 Rated power (kW) and speed (rpm) values or ranges: 4500 kW - 750 rpm

1.9.3 Test cycles: E2

1.9.4 Parent engine(s) test fuel oil specification(s): ISO 8217-F-DMA Grade

1.9.5 Applicable NOx emission limit (g/kW h) (regulation 13.4): 9.6

1.9.6 Parent engine(s) emission value (g/kW h): 9.5

2. PARTICULARS OF THE TECHNICAL FILE

The technical file, as required by chapter 2 of the NOx Technical Code, is an essential part of the EIAPP Certificate and must always accompany an engine throughout its life and always be available on board a ship.

2.1 Technical file identification/approval number: EIAPP-G-1336-0055

2.2 Technical file approval date: 28/11/2014

3. SPECIFICATIONS FOR THE ON-BOARD NOx VERIFICATION PROCEDURES

The specifications for the on-board NOx verification procedures, as required by chapter 6 of the NOx Technical Code, are an essential part of the EIAPP Certificate and must always accompany an engine through its life and always be available on board a ship.

3.1 Engine parameter check method:

3.1.1 Identification/approval number: EIAPP-G-1336-0055

3.1.2 Approval date: 28/11/2014

3.2 Direct Measurement and monitoring method:

3.2.1 Identification/approval number: -

3.2.2 Approval date: -

Alternatively the simplified measurement method in accordance with 6.3 of the NOx Technical Code may be utilized.

Issued at Shanghai, China, on the 30 April 2024

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By Order of the Secretary



ENGINE INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

No SGI0/ENC/20240429171120

Issued under the provisions of the Protocol of 1997,
as amended by resolution MEPC.176(58)
to amend International Convention for the Prevention of Pollution from Ships,
1973 as modified by the Protocol of 1978 relating thereto
(hereinafter referred to as "the Convention")
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Engine manufacturer	Model number	Serial number	Test cycle(s)	Rated power (kW) and Speed (rpm)	Engine approval number
Bergen Engines AS	B32:40L9P/750	15320	E2	4500 kW 1750 rpm	EIAPP-G-1336-0056

THIS IS TO CERTIFY:

1. That the above-mentioned marine diesel engine has been surveyed for pre-certification in accordance with the requirements of the Technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines (2008) made mandatory by Annex VI of the Convention; and
2. That the pre-certification survey shows that the engine, its components, adjustable features, and technical file, prior to the engine's installation and/or service on board a ship, fully comply with the applicable regulation 13 of Annex VI of the Convention.

This Certificate is valid for the life of the engine, subject to surveys in accordance with regulation 5 of Annex VI of the Convention, installed in ships under the authority of this Government.

Issued at Shanghai, China, on the 30 April 2024

Reference of the initial EIAPP Certificate or SoC: DNV-GL Certificate No. EIAPP-1336-56-A



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Seven Chen



By Order of the Secretary

1. PARTICULARS OF THE ENGINE (ctd)

1.8 If applicable, the engine is a parent engine ☐ or a Member Engine ☐ of the following Engine Family ☐ or Engine Group ☒
B32:40L720/750 IMO Tier2 1 2011

1.9 Individual engine or engine family / engine group details:

1.9.1 Approval reference: EIAPP-G-1336-0056

1.9.2 Rated power (kW) and speed (rpm) values or ranges: 4500 kW - 750 rpm

1.9.3 Test cycles: E2

1.9.4 Parent engine(s) test fuel oil specification(s): ISO 8217-F-DMA Grade

1.9.5 Applicable NOx emission limit (g/kW h) (regulation 13.4): 9.6

1.9.6 Parent engine(s) emission value (g/kW h): 9.5

2. PARTICULARS OF THE TECHNICAL FILE

The technical file, as required by chapter 2 of the NOx Technical Code, is an essential part of the EIAPP Certificate and must always accompany an engine throughout its life and always be available on board a ship.

2.1 Technical file identification/approval number: EIAPP-G-1336-0056

2.2 Technical file approval date: 28/11/2014

3. SPECIFICATIONS FOR THE ON-BOARD NOx VERIFICATION PROCEDURES

The specifications for the on-board NOx verification procedures, as required by chapter 6 of the NOx Technical Code, are an essential part of the EIAPP Certificate and must always accompany an engine through its life and always be available on board a ship.

3.1 Engine parameter check method:

3.1.1 Identification/approval number: EIAPP-G-1336-0056

3.1.2 Approval date: 28/11/2014

3.2 Direct Measurement and monitoring method:

3.2.1 Identification/approval number: -

3.2.2 Approval date: -

Alternatively the simplified measurement method in accordance with 6.3 of the NOx Technical Code may be utilized.

Issued at Shanghai, China, on the 30 April 2024



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Seven Chen



By Order of the Secretary



ENGINE INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

No SG10/ENC/20240429173021

Issued under the provisions of the Protocol of 1997,
as amended by resolution MEPC.176(58)
to amend International Convention for the Prevention of Pollution from Ships,
1973 as modified by the Protocol of 1978 relating thereto
(hereinafter referred to as "the Convention")
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Engine manufacturer	Model number	Serial number	Test cycle(s)	Rated power (kW) and Speed (rpm)	Engine approval number
Cummins	QSK19-DM FR Option 4528	37261435	D2	563 kW 1800 rpm	ABSHS-NTC-1079- 0010-00172

THIS IS TO CERTIFY:

1. That the above-mentioned marine diesel engine has been surveyed for pre-certification in accordance with the requirements of the Technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines (2008) made mandatory by Annex VI of the Convention; and
2. That the pre-certification survey shows that the engine, its components, adjustable features, and technical file, prior to the engine's installation and/or service on board a ship, fully comply with the applicable regulation 13 of Annex VI of the Convention.

This Certificate is valid for the life of the engine, subject to surveys in accordance with regulation 5 of Annex VI of the Convention, installed in ships under the authority of this Government.

Issued at Shanghai, China, on the 30 April 2024

Reference of the initial EIAPP Certificate or SoC: ABS Certificate No.657299-2598678-003

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MARINE & OFFSHORE**
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By Order of the Secretary

1. PARTICULARS OF THE ENGINE (ctd)

1.8 If applicable, the engine is a parent engine ☐ or a Member Engine ☐ of the following Engine Family ☒ or Engine Group ☐
M32QTA01-014

1.9 Individual engine or engine family / engine group details:

1.9.1 Approval reference: ABSHS-NTC-1079-0010-00001(Parent Engine)

1.9.2 Rated power (kW) and speed (rpm) values or ranges: 492 kW - 1500 rpm

1.9.3 Test cycles: D2

1.9.4 Parent engine(s) test fuel oil specification(s): ISO 8217, DM Grade

1.9.5 Applicable NOx emission limit (g/kW h) (regulation 13.4): 7.7

1.9.6 Parent engine(s) emission value (g/kW h): 6.87

2. PARTICULARS OF THE TECHNICAL FILE

The technical file, as required by chapter 2 of the NOx Technical Code, is an essential part of the EIAPP Certificate and must always accompany an engine throughout its life and always be available on board a ship.

2.1 Technical file identification/approval number: ABSHS-NTC-1079-0010-00172

2.2 Technical file approval date: 2 June 2014

3. SPECIFICATIONS FOR THE ON-BOARD NOx VERIFICATION PROCEDURES

The specifications for the on-board NOx verification procedures, as required by chapter 6 of the NOx Technical Code, are an essential part of the EIAPP Certificate and must always accompany an engine through its life and always be available on board a ship.

3.1 Engine parameter check method:

3.1.1 Identification/approval number: ABSHS-NTC-1079-0010-00172

3.1.2 Approval date: 2 June 2014

3.2 Direct Measurement and monitoring method:

3.2.1 Identification/approval number: -

3.2.2 Approval date: -

Alternatively the simplified measurement method in accordance with 6.3 of the NOx Technical Code may be utilized.

Issued at Shanghai, China, on the 30 April 2024



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**BUREAU VERITAS
MARINE & OFFSHORE**

Seven Chen



By Order of the Secretary



ENGINE INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

No SGI0/ENC/20240429171926

Issued under the provisions of the Protocol of 1997,
as amended by resolution MEPC.176(58)
to amend International Convention for the Prevention of Pollution from Ships,
1973 as modified by the Protocol of 1978 relating thereto
(hereinafter referred to as "the Convention")
under the authority of the Government of

REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Engine manufacturer	Model number	Serial number	Test cycle(s)	Rated power (kW) and Speed (rpm)	Engine approval number
Cummins	QSK19-DM FR Option 4528	37261424	D2	563 kW 1800 rpm	ABSHS-NTC-1079- 0010-00168

THIS IS TO CERTIFY:

1. That the above-mentioned marine diesel engine has been surveyed for pre-certification in accordance with the requirements of the Technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines (2008) made mandatory by Annex VI of the Convention; and
2. That the pre-certification survey shows that the engine, its components, adjustable features, and technical file, prior to the engine's installation and/or service on board a ship, fully comply with the applicable regulation 13 of Annex VI of the Convention.

This Certificate is valid for the life of the engine, subject to surveys in accordance with regulation 5 of Annex VI of the Convention, installed in ships under the authority of this Government.

Issued at Shanghai, China, on the 30 April 2024

Reference of the initial EIAPP Certificate or SoC: ABS Certificate No.657299-2620527-001

BUREAU VERITAS
MARINE & OFFSHORE
Seven Chen



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By Order of the Secretary

1. PARTICULARS OF THE ENGINE (ctd)

1.8 If applicable, the engine is a parent engine ☐ or a Member Engine ☐ of the following Engine Family ☒ or Engine Group ☐
M32QTA01-014

1.9 Individual engine or engine family / engine group details:

1.9.1 Approval reference: ABSHS-NTC-1079-0010-00001(Parent Engine)

1.9.2 Rated power (kW) and speed (rpm) values or ranges: 492 kW - 1500 rpm

1.9.3 Test cycles: D2

1.9.4 Parent engine(s) test fuel oil specification(s): ISO 8217, DM Grade

1.9.5 Applicable NOx emission limit (g/kW h) (regulation 13.4): 7.7

1.9.6 Parent engine(s) emission value (g/kW h): 6.87

2. PARTICULARS OF THE TECHNICAL FILE

The technical file, as required by chapter 2 of the NOx Technical Code, is an essential part of the EIAPP Certificate and must always accompany an engine throughout its life and always be available on board a ship.

2.1 Technical file identification/approval number: ABSHS-NTC-1079-0010-00168

2.2 Technical file approval date: 15 May 2014

3. SPECIFICATIONS FOR THE ON-BOARD NOx VERIFICATION PROCEDURES

The specifications for the on-board NOx verification procedures, as required by chapter 6 of the NOx Technical Code, are an essential part of the EIAPP Certificate and must always accompany an engine through its life and always be available on board a ship.

3.1 Engine parameter check method:

3.1.1 Identification/approval number: ABSHS-NTC-1079-0010-00168

3.1.2 Approval date: 15 May 2014

3.2 Direct Measurement and monitoring method:

3.2.1 Identification/approval number: -

3.2.2 Approval date: -

Alternatively the simplified measurement method in accordance with 6.3 of the NOx Technical Code may be utilized.

Issued at Shanghai, China, on the 30 April 2024



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**BUREAU VERITAS
MARINE & OFFSHORE**

Seven Chen



By Order of the Secretary



INTERNATIONAL BALLAST WATER MANAGEMENT CERTIFICATE

No SGP0/ZCH/20240814045856-E1

Issued under the provisions of the
International Convention for the Control and Management of
Ships Ballast Water and Sediments (hereinafter referred to as "the Convention")
under the authority of the Government of
REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

Name of Ship BV No : 25166G	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number ¹
SPEC NICHOLE	D5HX8 16811	Monrovia	2721	9701126

Date of construction: 16 September 2014

Ballast Water Capacity: 1187.5 m³

Details of Ballast Water Management Method(s) used

Method of Ballast Water Management used:

Ballast Water Treatment System

Date installed (if applicable) (dd/mm/yyyy): 28 March 2021

Name of manufacturer (if applicable): ALFA LAVAL AALBORG A/S

The principal Ballast Water Management method(s) employed on this ship is/are:

☐ In accordance with regulation D-1

☒ In accordance with regulation D-2

Description:

PureBallast 3.2 135m³/h Compact USCG

Method: UV + FILTER , Serial no. : PB-05003

☐ the ship is subject to regulation D-4

☐ other approach in accordance with regulation -

THIS IS TO CERTIFY

1. That the ship has been surveyed in accordance with Regulation E-1 of the Annex to the Convention; and

2. That the survey shows that Ballast Water Management on the ship complies with the Annex to the Convention.

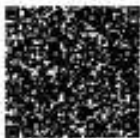
This Certificate is valid until 29 April 2029

subject to surveys in accordance with Regulation E-1 of the Annex to the Convention.

Completion date of the survey on which this Certificate is based: 30 April 2024

Issued at SINGAPORE, on the 23 September 2024

**BUREAU VERITAS
MARINE & OFFSHORE**
Kam Chuen CHOW



This document is electronically signed and does not require a manual signature as
defined in IMO guideline FAL. 5-Circ.39.
[Click here for the verification website](#)



By Order of the Secretary

1. IMO Ship Identification Number Scheme adopted by the Organization by resolution A.1117(30), as may be amended.

ENDORSEMENT FOR ANNUAL AND INTERMEDIATE SURVEYS

THIS IS TO CERTIFY that at a survey required by Regulation E-1 of the Annex to the Convention the ship was found to comply with the relevant provisions of the Convention:

Annual survey

Signed : Rusdin Lestaluhu
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place : Batam, INDONESIA

Date : 18 February 2025



☐ Annual survey
☐ Intermediate survey

Signed :
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place :

Date :

☐ Annual survey
☐ Intermediate survey

Signed :
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place :

Date :

Annual survey

Signed :
(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place :

Date :



INTERNATIONAL BALLAST WATER MANAGEMENT CERTIFICATE

No SGP0/ZCH/20240814045856-E1

Issued under the provisions of the
International Convention for the Control and Management of
Ships Ballast Water and Sediments (hereinafter referred to as "the Convention")
under the authority of the Government of
REPUBLIC OF LIBERIA

By BUREAU VERITAS MARINE & OFFSHORE

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2. That the survey shows that Ballast Water Management on the ship complies with the Annex to the Convention.

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subject to surveys in accordance with Regulation E-1 of the Annex to the Convention.

Completion date of the survey on which this Certificate is based: 30 April 2024

Issued at SINGAPORE, on the 23 September 2024

**BUREAU VERITAS
MARINE & OFFSHORE**
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