



DANMAI 33

GEOPHYSICAL, LIGHT GEOTECHNICAL & ENVIRONMENTAL SURVEY VESSEL

NOTICE: Particulars are believed to be correct and subject to revision without prior notice. Interested parties must inspect vessel to check on suitability of the Company's equipment. Company has exercised due diligence to ensure that the data contained herein is reasonably accurate. However, the Company does not warrant the accuracy or completeness of the data. In no event shall the Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. All optional equipment for Charterers' usage shall be agreed by the Company. Updated as at 7 February 2023.



DANMAI 33

TECHNICAL SPECIFICATIONS

VESSEL SPECIFICATIONS

Year Built	2024
Builder	Natah Shipyard Sdn Bhd
Vessel Type	41.7m Multi-Purpose Vessel
Classification	NKK

MAIN PARTICULARS

Length O.A.	41.70 m
Length B.P.	38.69 m
Breath MLD	11.00 m
Depth MLD	3.50 m
Designed Draft	2.30 m
GT/NT	499 / 150
Light Ship Weight	420 t (est)
Deck Area & Load	192 m ² , 5.0 t/m ²

MACHINERY

Main Engine	2 x Yanmar 6EY17W, 1138hp @ 1450RPM or equivalent
M.E. Gearbox	2 x Yanmar YXH500L, 4.48:1
Propeller	2 x 4 Fixed Pitch Propellers Rotation - RH & LH
Generator	2 x Yanmar 6HAL2-WHT, 200kW, 50Hz, 415V, 3phase
Bow Thruster	1 x Veth-Jet 4-K-1000 Motor Driven Channel Thruster
Stern Thruster	1 x 1.5T Tunnel Thruster
E. Genset	1 x 48kW Mitsubishi Genset
S.G System	1 x Electro-Hydraulic System
S.T.P.	1 x ISB-02, 2000 L/day
O.W.S	1 x GRS-05EB, 0.5m ³ /hr
Bilge Pump	1 x 50m ³ /h @ 50m head
E.Bilge Pump	1 x 50m ³ /h @ 50m head
G.S. / Fire Pump	1 x 50m ³ /h @ 50m head
FO Cargo Pump	1 x 50m ³ /h @ 50m head
FW Transfer Pump	1 x 50m ³ /h @ 50m head
Dirty Oil Pump	1 x 4.8m ³ /h @ 18m head
Grey Water Pump	1 x 13m ³ /h @ 20m head
Sewage Pump	1 x 5m ³ /h @ 20m head
F.O. Transfer Pump	1 x 10m ³ /h @ 20m head
FIFI Pump	1 x ½ FIFI, 1250m ³ /h
Fire Monitor	2 x 600m ³ /h fire monitor
Fuel Oil Monitor	1 System
Deck Crane	1 x 3T Unic Crane
Alarm System	Central Monitoring System

CAPACITIES

Fuel	150 m ³
Fresh Water	160 m ³
Cold Room	Chiller - 3m ³ /Freezer - 3m ³
Complement	14 crew 20 Special Personnel (berthed) 20 Special Personnel (seated)
Cabin/berth	12 cabin / 34 berths
Passenger Saloon	1 Acquisition Room 1 Processing Room

GMDSS A1+A2

LRIT	1 x JRC JUE 95-LT
MF/HF	1 x JRC JSS-2150
VHF	1 x JRC JSS-800S 2 x S.H. GX1400E
GPS EPIRB	1 x GME MT603
GMDSS VHF	2 x Safesea V100
Navtex	1 x JRC NCR-333

NAVIGATION & COMMUNICATION

Magnetic Compass	1 x Lilley & Gillie MK2020S
Primary Radar	1 x JRC JMA-5410-6X
Secondary Radar	1 x JRC JMA-3334
Echo Sounder	1 x JRC JFE-400-22
Speed Log	1 x JRC JLN-741N
GPS Navigator	1 x JRC JLR-8400-30 1 x Clipper GPS Repeater
GPS Compass	1 x JRC JLR-21
Autopilot	1 x Navitron NT888G
AIS	1 x JRC JHS-183
Wind Speed	1 x Clipper Wind
BNWAS	1 x Navitron NT991BNWAS
Public Address	1 x Phonotech CIS 3000

DECK EQUIPMENT

Anchor	2 x 780kg Stockless Anchor
Anchor Windlass	1 x HY RAW C24 5T
Davit Crane	1 x 23kN SWL., SOLAS approved
Rescue Boat	1 x 6 persons G.R.P. Boat SOLAS approved

NOTICE: Particulars are believed to be correct and subject to revision without prior notice. Interested parties must inspect vessel to check on suitability of the Company's equipment. Company has exercised due diligence to ensure that the data contained herein is reasonably accurate. However, the Company does not warrant the accuracy or completeness of the data. In no event shall the Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein.

DANMAI 33

TECHNICAL SPECIFICATIONS

LIFE SAVING & FIRE FIGHTING APPARATUS

Life Jacket	60 pieces c/w whistle
Life Buoys	2 pieces with no attachment 4 pieces c/w 30m lifeline 2 pieces c/w self-igniting light 2 pieces c/w self-igniting light and smoke signal
Life raft	6 x 20 men inflatable life raft
Transponder	1 x Safesea S100
CO₂ System	1 system with 6 cylinders
Fire Alarm Panel	1 unit

PERFORMANCE

Speed	10 knots / 12 knots(max)
Endurance	30 days

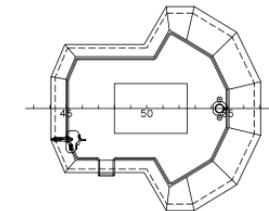


NOTICE: Particulars are believed to be correct and subject to revision without prior notice. Interested parties must inspect vessel to check on suitability of the Company's equipment. Company has exercised due diligence to ensure that the data contained herein is reasonably accurate. However, the Company does not warrant the accuracy or completeness of the data. In no event shall the Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein.

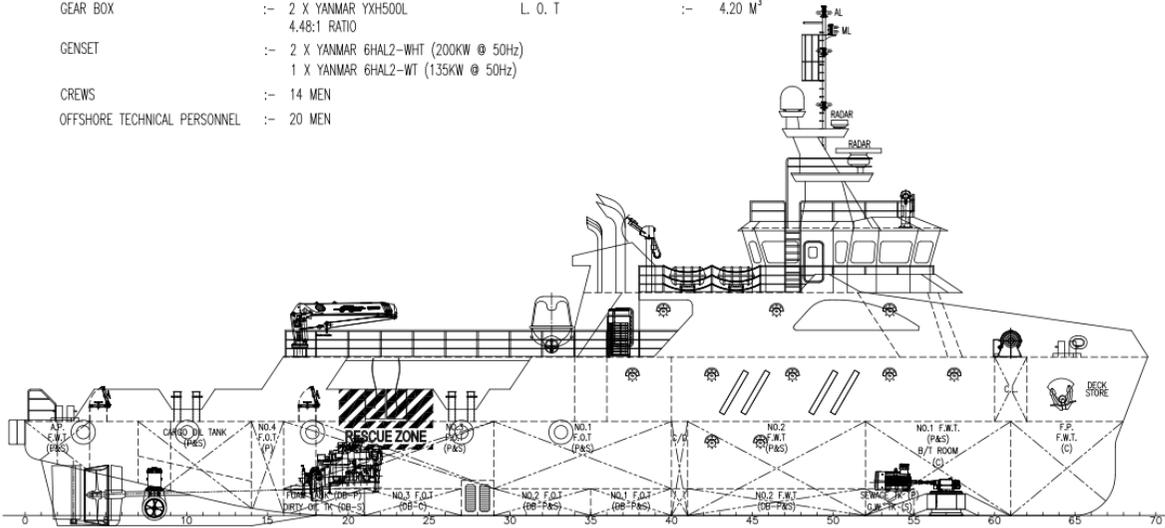
41.7M MULTI PURPOSE VESSEL

PRINCIPAL PARTICULAR :-

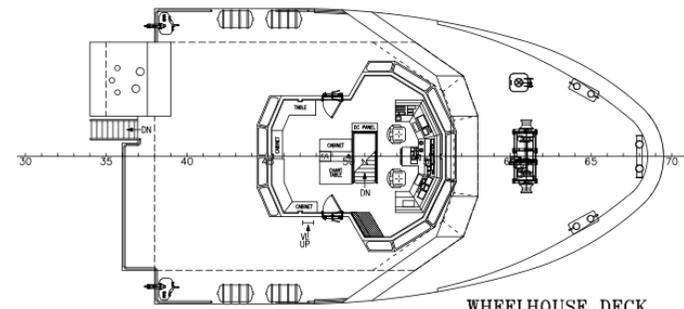
L. O. A.	:-	41.700 M (136.810 FT)	SPEED	:-	10 KNOTS (CRUISING) / 12 KNOTS (MAX. SPEED)
L. B. P.	:-	38.692 M (126.942 FT)	CLEAR DECK AREA	:-	185 M ²
L. W. L.	:-	40.400 M (132.546 FT)	DECK LOADING	:-	5T/M ²
BEAM MLD	:-	11.000 M (36.09 FT)	F. W. T.	:-	160.0 M ³
DEPTH MLD	:-	3.50 M (11.480 FT)	F. O. T.	:-	135.0 M ³
DESIGNED DRAUGHT	:-	2.30 M (7.550 FT)	CARGO OIL TANK	:-	98.0 M ³
MAIN ENGINE	:-	2 X YANMAR 6EY17W 1138PS @ 1450 RPM	SEWAGE	:-	2.90 M ³
GEAR BOX	:-	2 X YANMAR YXH500L 4.48:1 RATIO	GREY WATER	:-	2.90 M ³
GENSET	:-	2 X YANMAR 6HAL2-WHT (200KW @ 50Hz) 1 X YANMAR 6HAL2-WT (135KW @ 50Hz)	D. O. T	:-	4.20 M ³
CREWS	:-	14 MEN	L. O. T	:-	4.20 M ³
OFFSHORE TECHNICAL PERSONNEL	:-	20 MEN			



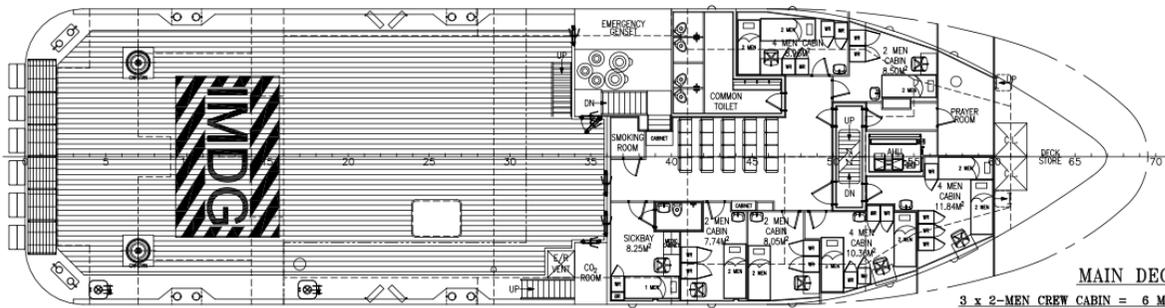
MONKEY ISLAND



OUTBOARD PROFILE

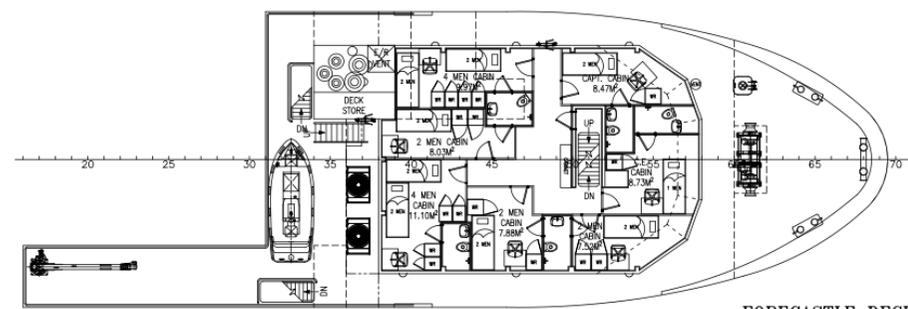


WHEELHOUSE DECK



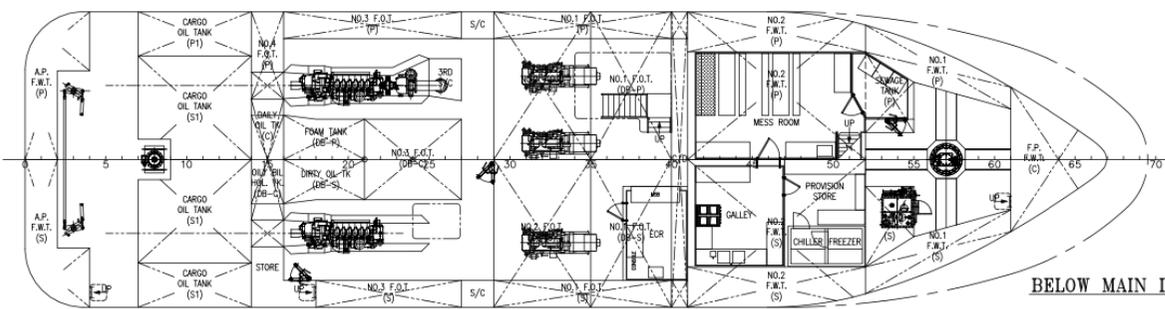
MAIN DECK

3 x 2-MEN CREW CABIN = 6 MEN
3 x 4-MEN CREW CABIN = 12 MEN
TOTAL = 18 MEN



FORECASTLE DECK

2 x 1-MEN CREW CABIN = 2 MEN
3 x 2-MEN CREW CABIN = 6 MEN
2 x 4-MEN CREW CABIN = 8 MEN
TOTAL = 16 MEN



BELOW MAIN DECK

DESIGNER
NATAH SHIPYARD SDN BHD.
Shipyard Add: Lot 522, Block 1, Seban Land District, 68000 Sibau, Sarawak, Malaysia
ADDRESS
Mailing Add: Lot 518, Jalan Caltaya 2, Phase Industrial Estate, 68028 Miri, Sarawak
Tel: +605-6568877, +605-658877
Fax: +605-6506052
Email: nshn@nshipyard.com

DRAWN
WANG SANG & ASSOCIATES SDN. BHD.
CORPORATE No. 1972473
SHIP DESIGN, CONSULTANCY, ENGINEERING
2nd Floor, NO.4C, Loning, Jong Klang, 99000 Sibau, Sarawak, Malaysia
TEL: +604-331592, 319434
FAX: +604-332098
EMAIL: wshn@wangsang.com.my; wangsang@outlook.com

PROJECT / SHIP
41.70M MULTI PURPOSE VESSEL

TITLE
GENERAL ARRANGEMENT

OWNER
NATAH SHIPYARD SDN. BHD.

BUILDER
NATAH SHIPYARD SDN. BHD.

CLASS NK NS*, MNS* (DRV, EQ C DG, IW)	YD. NO. NS 207
TRADE UNRESTRICTED AREA	DRG. NO. WS02733-22-G
DATE 28/09/2022	REV. P.O.R.
CHECKED PAUL WONG	JOB NO. 00522
DATE 28/09/2022	SCALE 1 : 100

This drawing and the information contained herein is supplied on the understanding that they are the exclusive property of WANG SANG & ASSOCIATES SDN. BHD. They must not be used or reproduced in whole or in part without permission in writing and also strictly reserved for NATAH SHIPYARD SDN. BHD.

