



PENGUIN

PENGUIN SHIPYARD ASIA PTE LTD

Purveyors of Quality High-Speed Aluminium Craft

A subsidiary of Penguin International Limited

21 Tuas Road, Singapore 638489, Republic of Singapore.

Tel: +65 6870 2709

Fax: +65 6862 1087

Email: psa@penguin.com.sg

Web: www.penguin.com.sg

VESSEL NAME: SNAPPER

IMO NUMBER: 1125376



VESSEL OVERVIEW

Vessel Type:	Aluminium Monohull Fast Multi-Role Support Vessel
Built By:	Penguin Shipyard
Classification:	BV I ✱ HULL • MACH, Crew Utility Boat, Sea Area 3
Safety Regulation:	BV and Antigua and Barbuda Flag State requirements
Regs, Codes, Guidelines:	MARPOL, SOLAS, IMDG

HULL PARTICULARS

Length Overall:	44.40 m
Breadth Moulded:	8.00 m
Depth Moulded:	3.98 m
Design Draft:	1.90 m
Design Draft (to the lowest tip of props):	2.02 m

CARGO DECK

Clear Deck Area:	144 sqm
Deck Cargo Capacity:	60 MT
Deck Strength:	2.5 MT / sqm
Cargo Railing Height:	1.0 m

TONNAGE

GRT:	336 MT
NRT:	100 MT
DWT:	Est. 145 MT

MAIN MACHINERY

Make & Model:	3 x Caterpillar C32 ACERT IMO Tier II @ 1450 BHP each
Total Propulsion Power:	4500 BHP
Propellers:	3 x fixed pitch, Ni-Al-Bronze, 5 blades
Bow Thruster:	1 unit electric-driven @ 95 kW

PERFORMANCE (BASE SPEC)

Maximum Speed:	27 knots @ 100% MCR
Maximum Fuel Consumption:	878 L/hr
Economical Speed:	25 knots @ 85% MCR
Economical Fuel Consumption:	729 L/hr

GENERATING SETS (AUXILIARIES)

Make & Model:	3 x Caterpillar C4.4 @ 86kW each
Vessel Power Supply:	415/240 Volt AC, 380/220 Volt AC, 50 Hz, 3-phase + 24 Volt DC
Shore Power / Deck Sockets:	1 / 12

SAFETY EQUIPMENT

Life Rafts:	6 x 25-man as per SOLAS
Life Jackets:	85 on board as per SOLAS
Life Buoys:	8 on board as per SOLAS
Scrambling Nets:	2 units
Other Equipment:	Pyrotechnics, line-throwing apparatus
Rescue Zone:	Port and Starboard

EMERGENCY RESPONSE FEATURES

1 x external FIFI monitor with remote clutch and control @ 1200 cbm per hour
Aerosol fire extinguishing system
SOLAS rescue boat with davit

DECK CRANE

1 x International Offshore Equipments (IOE) knuckle telescopic boom offshore crane (0.75t at 20m)

ACCOMMODATION AND STORAGE

MAIN DECK

Passenger Seats:	Business Class Recliners, 56 pax (with personal USB charging ports) 2 by 2 (2 seats per row) 1050 mm
Seating Layout:	
Seat Pitch:	
Passenger Toilets:	3 x WC cubicles with showers (with toilet availability indicator lights)
Passenger Shower:	1 x shower cubicle
Entertainment System:	2 x LED TV screens
Passenger Lounge with Amenities:	Fitted
Stowable Stretcher Stand:	Fitted
Cabins for Industrial Personnel:	2 x 2-man (with shared en-suite toilet)

BELOW MAIN DECK

Crew Cabins / Total Bunks:	6 / 12 (2 x 1-man, 3 x 2-man, 1 x 4-man)
Crew Toilet:	1 x WC cubicle with shower
Entertainment System:	1 x LED TV screen
Mess room and Galley:	Fitted
Washer and Dryer:	Fitted
Separate Walk-in Freezer and Chiller:	Fitted
Dry Store:	Fitted

ELECTRONICS AND CONTROLS

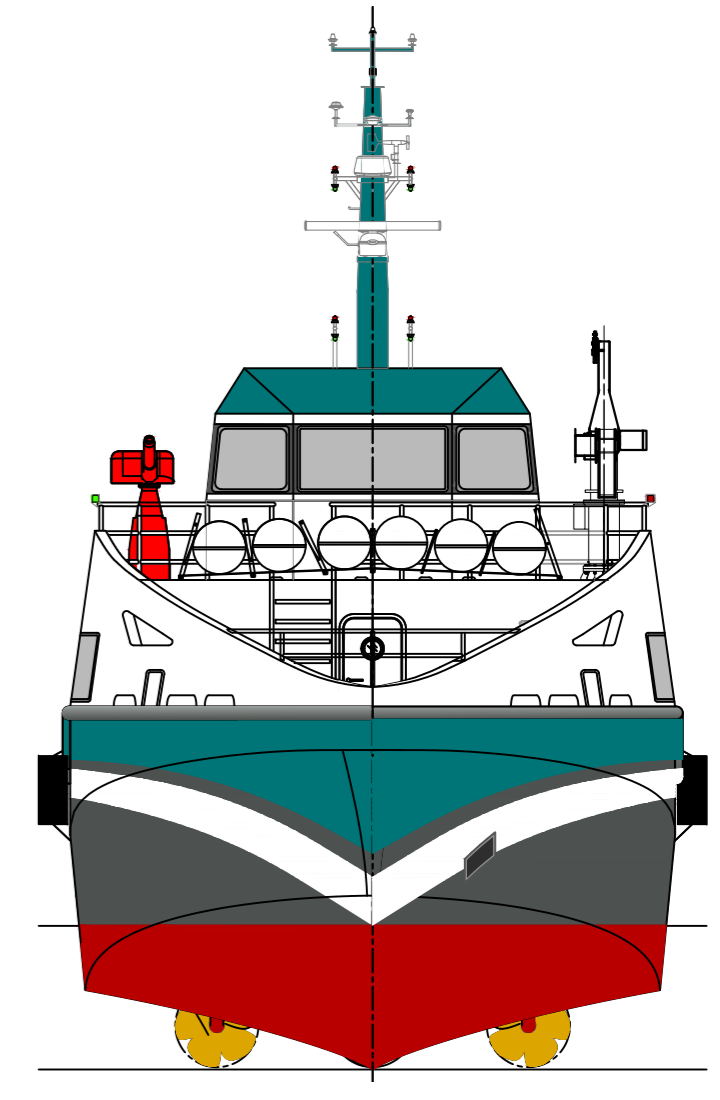
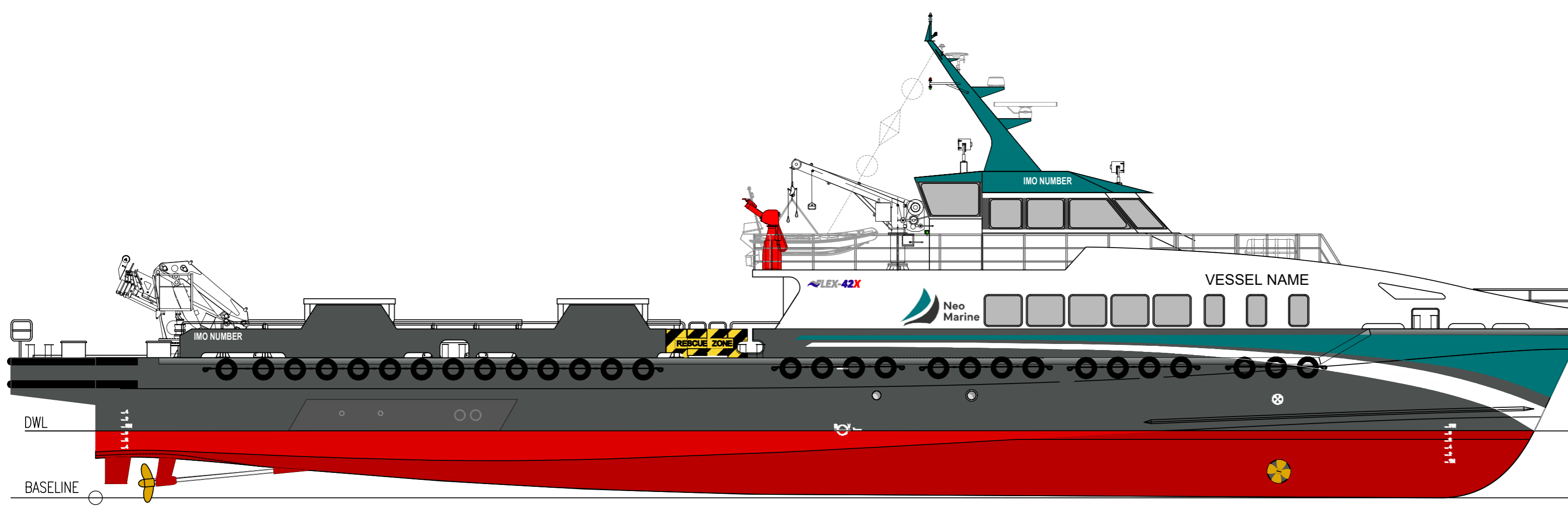
GMDSS:	Sea Area A3
VHF:	Sailor 7222
MF/HF Radio:	Sailor 6310
SSB Radio:	Icom IC-M710
BNWAS:	LeGuardian2025
Marine Radar:	Simrad R5024 12U/6X
GPS:	Simrad P3007
Depth / Echo Sounder:	Simrad S3009
Autopilot:	Simrad AP70 MK2
Gyro Compass:	Simrad GC80
Magnetic Compass:	Riviera 6"
Navtex:	JMC NT-1800
Public Address / Intercom System:	Phontech CIS-3130
Search Lights:	3 x 1000W
EPIRB:	Jotron Tron 60
SART:	McMurdo Smartfind S5A
AIS:	Simrad V5043
Speed Log:	Simrad R1A
CCTV:	12 units fitted
Satellite Phone:	(5 x exterior (ex-proof type), 4 x interior, 2 x engine room, 1 x bow thruster room) Thuraya MNB-01 MarineStar

TANK CAPACITIES

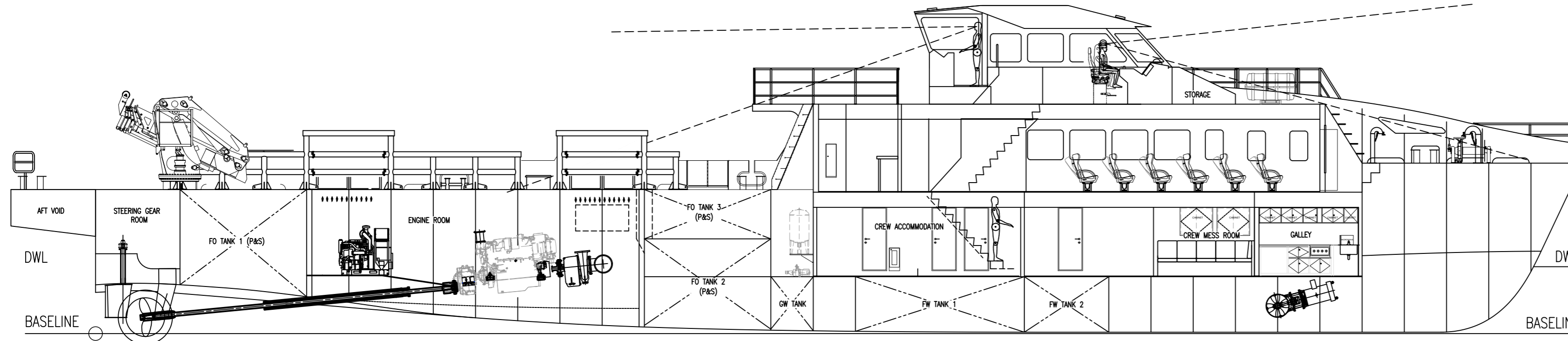
Fuel Oil:	80,000 L
Fresh Water:	20,000 L
Grey water:	747 L
Lube Oil:	800 L
Sewage:	2,500 L
Fuel Oil Sludge:	600 L
Fuel Oil Purifier:	Heavy duty, self-cleaning unit fitted
IMO-Approved Sewage Treatment Plant:	Fitted for 15 pax
IMO-Approved Oily Water Separator:	15 ppm
Fresh Water Maker:	Fitted

ELECTRONIC FUEL MANAGEMENT SYSTEM (EFMS)

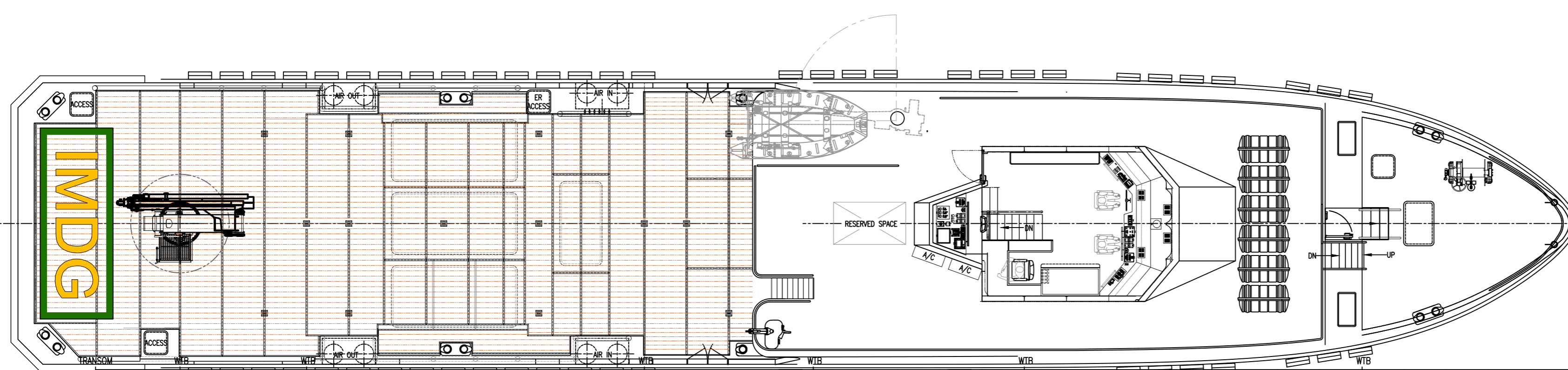
Ascenz EFMS and Heel and trim monitoring system	Fitted
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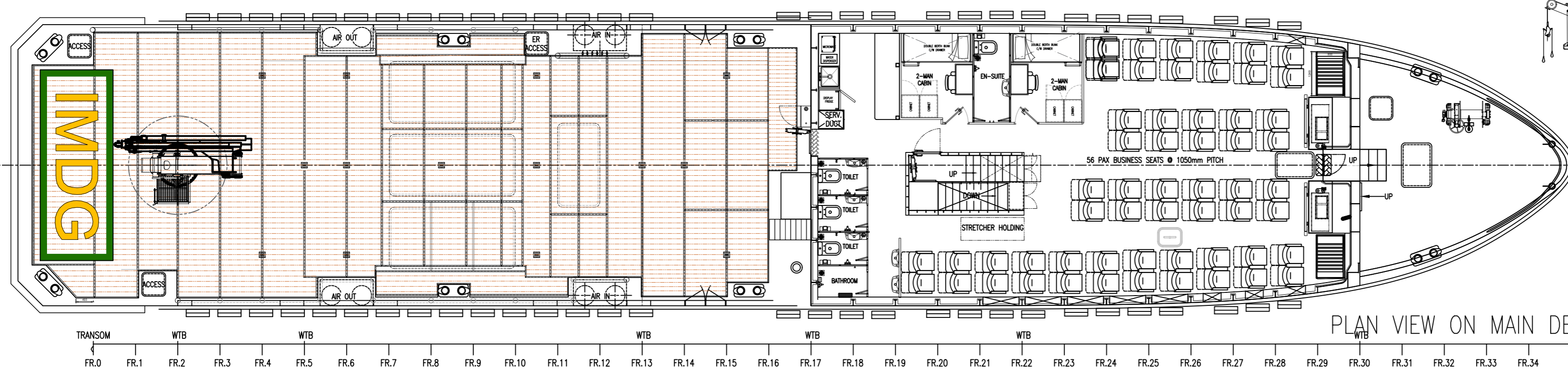
OUTBOARD PROFILE



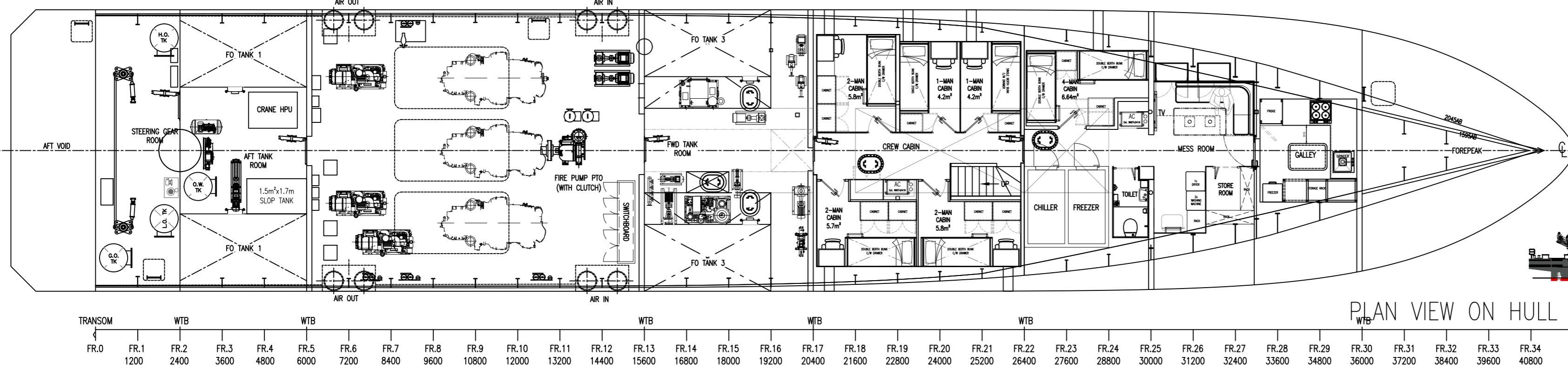
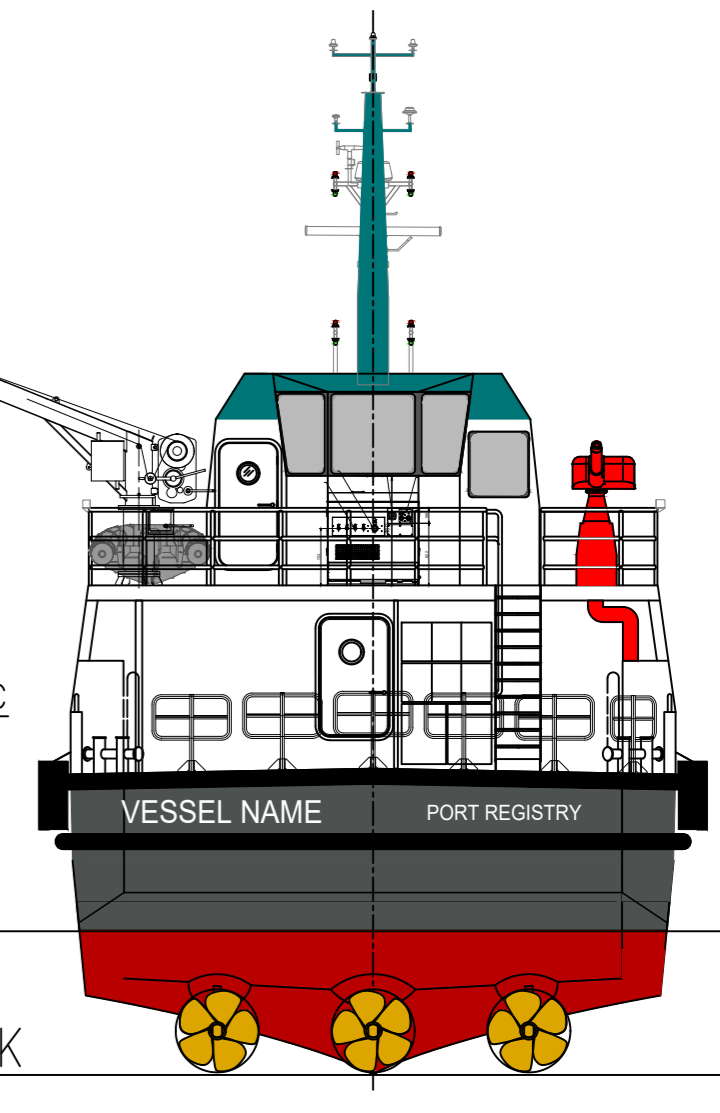
INBOARD PROFILE



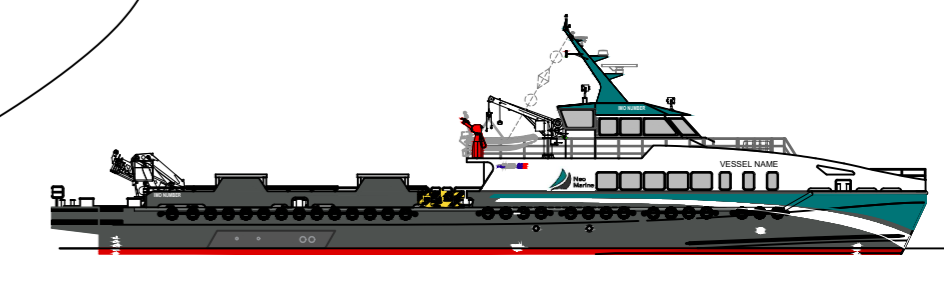
PLAN VIEW BRIDGE



PLAN VIEW ON MAIN DECK



PLAN VIEW ON HULL



PRINCIPAL PARTICULARS

LENGTH HULL:	44.4 m	FUEL:	80 000 L
LENGTH WATERLINE (DESIGN):	40.6 m	FRESH WATER:	20 000 L
MAXIMUM MOULDED BEAM:	8.0 m		
DESIGN DRAFT:	1.9 m	MAIN ENGINES:	3 x Caterpillar C32, IMO Tier II
PAX CAPACITY:	56 BUSINESS CLASS		Each 1450 BHP @ 2300 RPM
CREW:	12	SPEED @ 35MT DWT 100% MCR:	27.0 kn

PRINCIPAL FEATURES

DECK AREA:	150 m ²
DECK LOADING:	2.5 tonnes/m ²
CLASS:	I * HULL • MACH, CREW BOAT
	SEA AREA 3 (max wave 3m),
	FIFI 1/2

D	19-09-2025	MYB	BHR	YJH	Length Overall Updated
C	21-07-2025	BHR	KIK	YJH	Extend the cargo deck of the vessel
B	23-06-2025	BHR	KIK	YJH	Update the crane and hull painting
A	18-06-2025	BHR	KIK	YJH	First Issue
Rev.	Date	Drawn	Checked	Approved	Description

PENGUIN SHIPYARD INTERNATIONAL PTE LTD
 21 Tuas Road, Singapore 638489. www.penguin.com.sg

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Project: **Flex-42X (H465)**
 Title: **General Arrangement**

Drawn: BHR	Date: 18-06-2025	Doc. Type: Arrangement	Units: mm	Scale: A1
Checked: KIK	Date: 18-06-2025	Doc Status: Released	Hull No: H465	Sheet: 1:100
Approved: YJH	Date: 18-06-2025	Drawing No: PSI-H465-601-01	1 of 1	Revision: D
Ship Type: 42m Monohull				

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