



PERISAI

Bayu Intan

AHT / FIFI ½ / 4,200 BHP

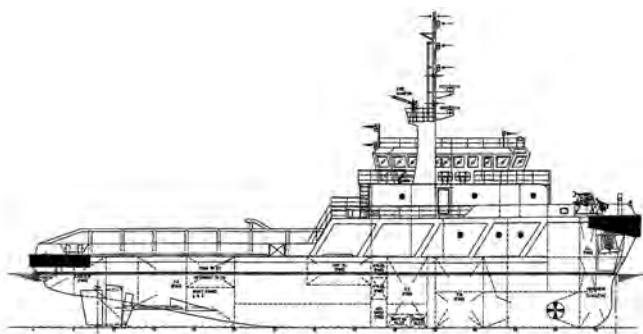


Bayu Intan is an Anchor Handling Tug / Fire-Fighting Vessel built:

- 1) For Worldwide Operations to Service and Tow Drilling Units;
- 2) To Support Production Platforms;
- 3) With Special Equipment for Fire-Fighting, Safety Standby Operations, Emergency Evacuations.

Specifications:

- Length 45.0 m
- Breadth 12.6 m
- Propulsion 4,200 BHP
- Deck Area 200.0 m²
- Bollard Pull 50 T
- AH / Towing Winch 150 T Pull / 180 T Brake
- Accommodation 24 men



Classification

Bureau Veritas

I ✱ HULL ✱ MACH, Tug, Unrestricted navigation

Builder Cheoy Lee Shipyard Ltd, Guangzhou

Year Built 2005

Flag Malaysia

Measurement

Length Overall 45.0 m

Length BP 38.7 m

Breadth Moulded 12.6 m

Depth Moulded 5.3 m

Draft (Max) 4.5 m

Tonnage

Deadweight 655 T

GRT 771 T

NRT 231 T

Maneuvering & Propulsion System

Main Engine 2 x MAK BM20, 2,100 BHP each

Total BHP 4,200 BHP

Propeller 2 x FPP, Yuan Hang

Bow Thruster 1 x 285 kW, 4.0 T Thrust

Bollard Pull 50 T @ 100% MCR

Electrical Power Generation

Main Generator 2 x CAT 3406C rated 245kW / 415V / 50 Hz / 3Ph

Alternator 2 x Leroy Somer rated 245kW / 415V / 50Hz / 3Ph

Emergency Generator 1 x Perkins rated 45kW / 415V / 50 Hz / 3Ph

Cargo Deck

Deck Area 200.0 m²

Deck Strength 5.0 T/m²

Deck Cargo Capacity 500 T

Storage Capacity

Fuel Oil 453.3 m³

Portable Water 222.0 m³

Drill Water / SWB 74.7 m³

Foam / Detergent 11.4 m³ / 8.9 m³

Discharge Capacity

Fuel Oil 1 x 50 m³/hr @ 60 m head

Portable Water 1 x 50 m³/hr @ 60 m head

Accommodation

Berth / Cabin 2 x 1 man

7 x 2 men

2 x 4 men

24 men

Total

Deck Equipment

Anchor Windlass 1 x 5 T, Plimsoll

2 x 400 m x 32 mm (ø)

Anchor Chain 2 x 1,150 kg JIS Stockless Anchors

Anchor (Bow) 2 x 5 T @ 15 m/min, Plimsoll

Tugger Winch 2 x 5 T @ 15 m/min, Plimsoll

Capstan 2 x 5 T @ 15 m/min, Plimsoll

Towing & Anchor Handling Equipment

AH Winch 180 T Brake, 150 T Pull

Plimsoll Double Hydraulic Driven,

Waterfall Type

Drum Capacity 1,000 m x 52 mm (ø)

Towing Winch 180 T Brake, 150 T Pull

Plimsoll Double Drum Hydraulic Driven,

Waterfall Type

Drum Capacity 1,000 m x 52 mm (ø)

Shark Jaw 1 x Shark Jaw, SWL: 100 T

Tow Pin 2 x Tow Pin, SWL: 115 T

Stern Roller 4.2 m x 1.5 m (ø), SWL: 200 T

Navigation and Communication Equipment

GMDSS (Area 3) Furuno RC-1800T

VHF DSC 2 x Furuno FM-8800

MF/HF SSB 1 x Furuno FS-2570

MF/HF DSC 1 x Furuno FS-2570

EPIRB 1 x McMurdo E3

SART 2 x McMurdo S4

Navtex Receiver 1 x Furuno NX-500

Portable GMDSS VHF 3 x ICOM IC-GM1500

Inmarsat 1 x Furuno Felcom 15

Radar 1 x Furuno 1832

1 x Furuno FR-1505 MK3

Gyrocompass 1 x Simrad Robertson GC80

Magnetic Compass 1 x SAURA MR-150

Auto Pilot 1 x Simrad Robertson AP9 MK3

DGPS 1 x Furuno GP-90

Echo Sounder 1 x Furuno FE-700

Speed Log 1 x Furuno DS-80

Anemometer 1 x RM Young 05103 / 06206

Weather Fax 1 x Furuno FAX-207

AIS 1 x Furuno FA-100

Fire-Fighting & Anti Pollution Equipment

FIFI CLASS (1/2) with Water Spray

Pump 1 x 1,620 m³/hr @ 121 m

Monitor (water / foam) 2 x 600 m³/hr / 300 m³/hr @ 10 bar

Oil Dispersant System 2 x 6 m Spray Boom

Safety Equipment

Life Raft 4 x 20 persons, SOLAS Approved

Rescue Boat 1 x 6 persons, Zodiac RIBO 420, Yamaha 40HP

Davit Sheyang Saifute Rescue Boat Davit, SWL: 1.4 T

Miscellaneous

Oily Water Separator 1 x Hamworthy HS1 MKII, 1.0 m³/hr

Sewage Treatment 1 x 25 persons, Hamworthy Super Trident ST2A

* This vessel specification is given in good faith and assumed to be accurate at the time of print.

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Owners reserve the right to amend this specification without notification.