

Lewek Robin



AHT/ FIFI ½/ 4,750 BHP



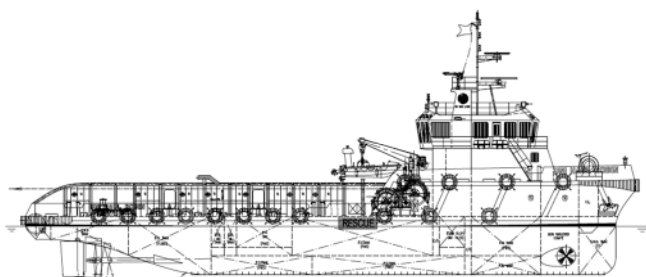
Lewek Robin is an Anchor Handling Tug / Fire Fighting Vessel built:

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

Specifications:

- | | |
|-------------------|-------------------------|
| • Length | 48.0 m |
| • Breadth | 12.8 m |
| • Propulsion | 4,750 BHP |
| • Deck Area | 240.0 m ² |
| • Bollard Pull | 61 T |
| • AH/Towing Winch | 80 T Pull / 150 T Brake |
| • Accommodation | 20 men |

Lewek Robin General Specifications



CLASSIFICATION

Bureau Veritas

I * HULL * MACH, Tug, Unrestricted navigation

Builder Cheoy Lee Shipyards Ltd, Guangzhou

Year Built 2007

Flag Malaysia

MEASUREMENT

Length Overall	48.0 m
Length BP	42.4 m
Breadth Moulded	12.8 m
Depth Moulded	4.6 m
Draft (Max)	3.8 m

TONNAGE

Deadweight	648 T
GRT	735 T
NRT	220 T

MANEUVERING & PROPULSION SYSTEM

Main Engine	2 x CAT 3516B, 2,375 BHP each
Total BHP	4,750 BHP
Propeller	2 x CPP, BERG 710HX/4
Bow Thruster	1 x 350 kW, 5.0 T Thrust
Bollard Pull	61 T @ 100% MCR

ELECTRIC POWER GENERATION

Main Generator	3 x CAT 3406C rated 245kW/ 415V/ 50Hz/ 3Ph
Alternator	3 x Leroy Somer ARCB450 rated 245kW/ 380V/ 50Hz/ 3Ph
Emergency Generator	1 x UCM 224 rated 30kW/ 415V/ 50Hz/ 3Ph

CARGO DECK

Deck Area	240.0 m ²
Deck Strength	5.0 T/m ²
Deck Cargo Capacity	500 T

STORAGE CAPACITY

Fuel Oil	693.2 m ³
Potable Water	157.8 m ³
Drill Water / SWB	124.5 m ³
Foam / Detergent	12.9 m ³ / 12.9 m ³

DISCHARGE CAPACITY

Fuel Oil	1 x 80 m ³ /hr @ 70 m head
Potable Water	1 x 80 m ³ /hr @ 70 m head
Drill Water	1 x 50 m ³ /hr @ 35 m head

ACCOMMODATION

Berth / Cabin	2 x 1 man
	1 x 2 men
	4 x 4 men
Total	20 men

DECK EQUIPMENT

Anchor Windlass	1 x 5 T, Zicom
Anchor Chain	2 x 357.5 m x 28 mm (Ø)
Anchor (Bow)	2 x 780 kg High Holding Power Anchors
Tugger Winch	2 x 10 T @ 7.5 m/min, Zicom
Capstan	2 x 5 T @ 15 m/min, Zicom

TOWING & ANCHOR HANDLING EQUIPMENT

AH Winch	150 T Brake, 80 T Pull
	Zicom Double Drum Hydraulic Driven
Drum Capacity	1,000 m x 56 mm (Ø)
Towing Winch	150 T Brake, 80 T Pull
	Zicom Double Drum Hydraulic Driven
Drum Capacity	1,000 m x 56 mm (Ø)
Karm Fork	1 x Karm Fork, SWL: 300 T
Tow Pin	2 x Tow Pin, SWL: 300 T
Stern Roller	3.5 m x 1.3 m (Ø), SWL: 200 T

NAVIGATION AND COMMUNICATION EQUIPMENT

GMDSS (Area 3)	Furuno RC-1815
VHF DSC	2 x Furuno FM-8800S
MF/HF SSB	1 x Furuno FS-1570
MF/HF DSC	1 x Furuno FS-1570
EPIRB	1 x McMurdo E3
SART	2 x McMurdo S4
Navtex Receiver	1 x Furuno NX-700B
Portable GMDSS VHF	3 x McMurdo R1
Inmarsat	2 x Furuno Felcom 15
Radar	1 x Furuno FR-1510 MK3
	1 x Furuno FR-1832
Gyrocompass	1 x Simrad Robertson GC-80
Magnetic Compass	1 x Saura MR-150A
Auto Pilot	1 x ComNav 2001
DGPS	1 x Furuno GP-150
Echo Sounder	1 x Furuno FE-700
Speed Log	1 x Furuno DS-80
Anemometer	1 x Navman W3150
Weather Fax	1 x Furuno FAX-207
AIS	1 x Furuno FA-150

FIRE FIGHTING & ANTI POLLUTION EQUIPMENT

FIFI Class ½ with Water Spray	
Pump	1 x 1,500 m ³ /hr @ 14 bar
Monitor (water / foam)	2 x 600 m ³ /hr / 600 m ³ /hr @ 10 bar
Oil Dispersant System	2 x 5 m Spray Boom

SAFETY EQUIPMENT

Life Raft	2 x 20 persons, Ningbo Jiangdong
Rescue Boat	1 x 6 persons, Ningbo Dongqianhua, Mercury 25HP
Davit	Shenyang Saifute 14KN, SWL: 1.4 T

MISCELLANEOUS

Oily Water Separator	1 x Taiko Kikai USH-10, 1.0 m ³ /hr
Sewage Treatment	1 x 20 persons, Jiangsu Nanji WCX24