



LEAD
Marine
Contractors
Limited



Tug ELDA

Vessel Specification



LEAD
Marine
Contractors
Limited

Mind over Water

Vessel Specification

TUG – MAIN DIMENSIONS

Classification / Flag	
Registry / Flag	Panama
Year of built	2005
Classification	PMDS - Panama
	Unrestricted Navigation
Class valid up to	2030

DIMENSIONS

Length O.A.	26,21 meters
Beam / width	9,10 meters
Depth at sides	3,60 meters
Draft (min. – max.)	2,40 – 3,00 meters
Air draft (min. – max.)	9,50 – 16,00 meters
Gross tonnage	161,26 GT
Net tonnage	62 NT
Clear deck area	40 m ² / 3x 1 TEU
Deck load	10 t/m ²

TANK CAPACITIES / TRANSFER

Fuel oil / gasoil	80.000 liters
Fresh water	30.000 liters
Transfer of gasoil / fresh water	Both at 15 m ³ /hr

ACCOMMODATION

Facilities	Aircon, 7 bunks (4 crew)
Max persons	15

NAVIGATION & RADIO

2x Radar, Echo sounder, ECDIS, V-Sat, GSM, AIS, Navtex, Autopilot, SSB/DSC, 2x Compass, SART, Speed log, 4x VHF, 2x Mini-C + GMDSS, GPS, Inmarsat-C, 2 x Searchlight 2000W



LEAD
Marine
Contractors
Limited

Mind over Water

Vessel Specification

MACHINERY / PERFORMANCES

Bollard pull	27.6 tons
Max speed	11,2 knots
Main engines	2x Caterpillar 3508B TA
Total output	1.642 kW = 2.200 BHP
Propulsion	Twin fixed propellers in nozzles
Diameter propellers	1,80 meters
Bow thruster	120 BHP, hydraulic driven
Generator sets	2x Caterpillar 3054T, 92 BHP
Generator power	75 kVA, 50Hz, 230/400V
Generator hydraulic / fire set	1x Caterpillar 3306 TA, 325 BHP

DECK EQUIPMENT

Towing winch	Pull Force 15T, Holding F. 30T 450 meters x 38 millimeters
Towing hook	45 tons SWL
Tuggerwinch	13 tons @ 40 m/min
Towing pins	Double pin, SWL 50 ton
Chain stopper	Yes, SWL 75 ton
Push bow	Double rubber fender
Stern roller	4 meters x 0,96 meters, SWL 50t
Deck capstan	2 tons @ 10 m/min
Chain capstan	9 tons @ 9 m/min
Firefighting pump	600 m ³ /hr at 10 bar
Main marine deck crane	Heila HLRM 140-4SL
Maximum lift capacity	5,3 tons(m) at 18,03 meters

SURVEY EQUIPMENT / A-FRAME

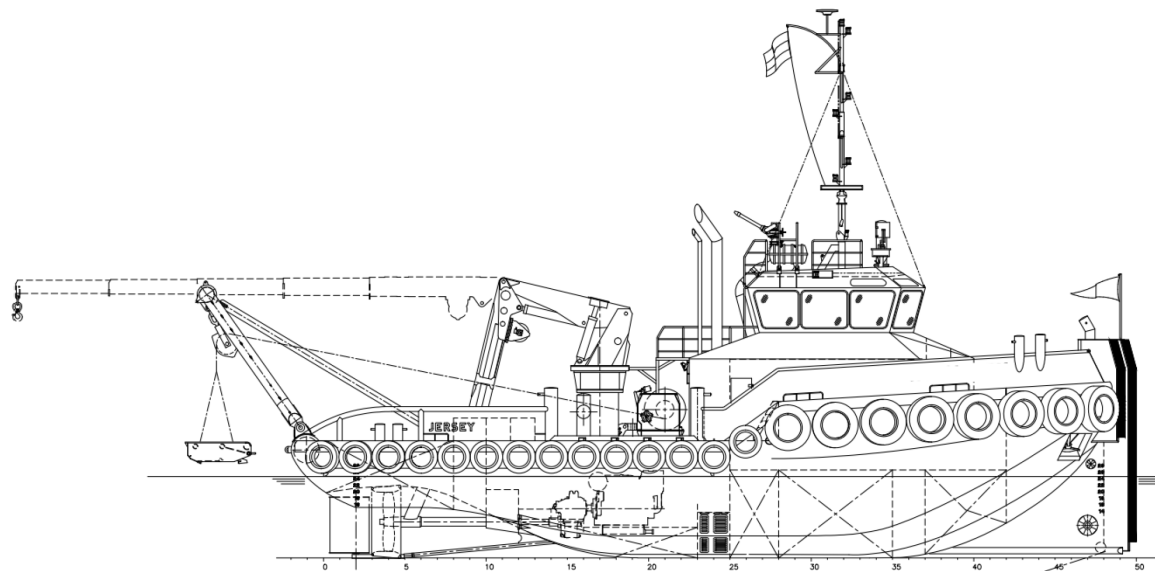
Survey pole	1 meter below keel
Dredging Plough	7 tons dry, 8 meters width
Stern A-Frame	11 tons SWL



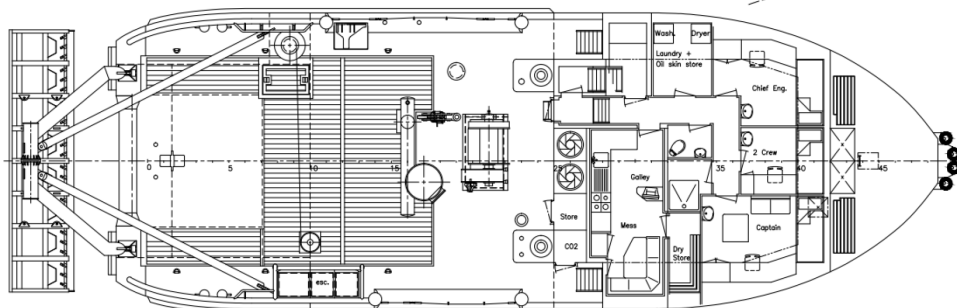
LEAD
Marine
Contractors
Limited

Mind over Water

Vessel Specification

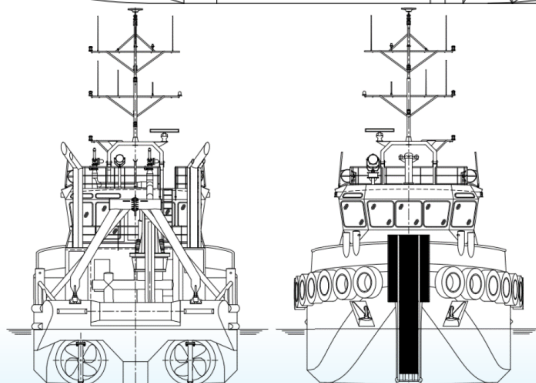
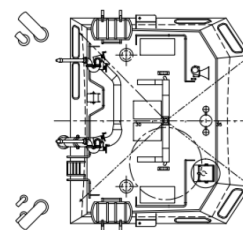
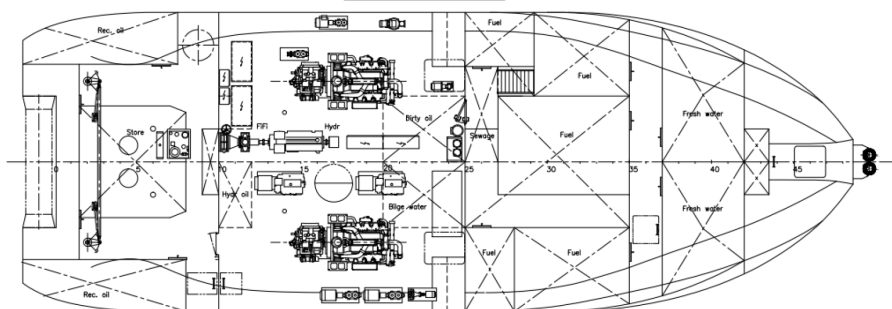


Maindeck

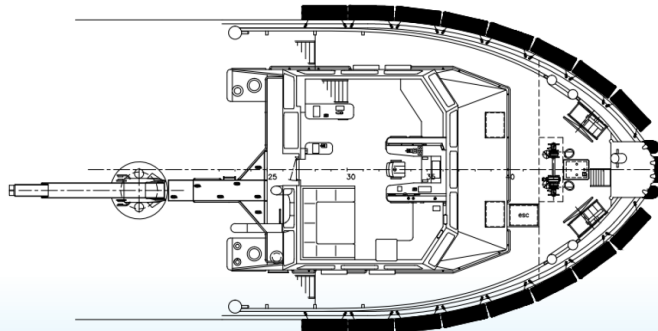


Below maindeck

Topdeck



Forecastledeck



LP6, First Avenue, Granwood, Chaguaramas, Trinidad & Tobago, W.I.

Tel: 868-634-4229 Fax: 868-634-4145 Office Email: info@leadmarine.org

Commercial Email: mjkluft@leadmarine.org Operations Email: ggarcia@leadmarine.org Website: www.leadmarine.org