



**10,800 BHP TWIN SCREW ANCHOR HANDLING TUG SUPPLY BOAT**

<b>Name of Vessel</b>	<b>ENA COMMANDER</b>
<b>Type of Vessel</b>	Anchor Handling Supply Tugboat
<b>Flag</b>	Singapore
<b>Class</b>	ABS + A1 E Offshore Support, Towing & Fire Fighting Vessel Class 1 DP 2
<b>Built</b>	2007
<b>Gross Tonnage</b>	2551
<b>Net Tonnage</b>	765
<b>Length Overall</b>	70.70 metres
<b>Length B.P.</b>	63.00 metres
<b>Breadth Moulded</b>	16.00 metres
<b>Depth Moulded</b>	7.20 metres
<b>Draft Designed</b>	6.0 metres
<b>Designed Speed</b>	14 knots (ballast condition)
<b>Endurance</b>	35 days
<b>Bollard Pull</b>	141 tons
<b>Berth</b>	Total 50
<b>Fuel Capacity</b>	930 m <sup>3</sup>
<b>Fuel consumption</b>	33.0 tons / 24 hrs
<b>Fresh Water</b>	655 m <sup>3</sup>
<b>Fresh Water Consumption</b>	3.5 tons/day
<b>Lubricating Oil</b>	39 m <sup>3</sup>
<b>Hydraulic Oil</b>	8.9 m <sup>3</sup>
<b>Dirty Oil</b>	13.0 m <sup>3</sup>
<b>Drill water / S.W. Ballast</b>	676 m <sup>3</sup>
<b>Bilge Holding</b>	13.0 m <sup>3</sup>
<b>Bulk Cement</b>	4 x 2500 cu. ft. (4 x 75.5 m <sup>3</sup> )
<b>Foam</b>	11.0 m <sup>3</sup>
<b>Dispersant</b>	12.0 m <sup>3</sup>
<b>Mud Tank</b>	495 m <sup>3</sup>
<b>Rig chain locker</b>	200 m <sup>3</sup>
<b>Main Engines Propulsion</b>	2 units x MaK Diesel Engine, 2 x 5,400BHP @ 600 RPM Twin screw controllible pitch propellers, each 3.8m dia.

Particulars indicated are believed to be accurate but given entirely without warranty. Interested parties are advised to verify details through inspections/verifications.

<b>Generating Sets</b>	2 units Caterpillar 3412 engine each driving a 580KW alternator, 2 units shaft generator, each driving a 2000KW alternator,
<b>Bow Thruster</b>	2 x 9.5 tons cap. Controller pitch type
<b>Stern Thruster</b>	2 x 9.5 tons cap. Controller pitch type
<b>Shark Jaw</b>	2 x 300 tons, hydraulic
<b>Tow pins</b>	2 x 160 tons, hydraulic
<b>Stern roller</b>	2500 mm dia. x 6.0 m, cap 450 tons
<b>Deck crane</b>	5 tons SWL x 17 m rad.
<b>Towing Winch</b>	Brattvaag 300 tons Brake holding capacity : 450 tons (1 <sup>st</sup> . layer) Drum capacity: 2000 m. x 76 mm.dia.
<b>Rope reels</b>	2 x 6.7 tons pull, wire capacity – 2000m x 76mm dia.
<b>Tugger winch</b>	2 units 10 tons x 30m/min.
<b>Capstan</b>	2 units 10 tons x 25m/min
<b>Windlass</b>	Electro hydraulic, 14 tons @ 13 m/min.
<b>Deck space (wood sheathed)</b>	37.0 m x 12.6 m (466 sq.m)
<b>Deck Cargo</b>	800 tons
<b>Deck Strength</b>	5.5 tons / sq. m.
<b>Fire-pump</b>	FF1 – 2 x 1600 m3/hr x 14 bar
<b>Fire monitor</b>	2 units at 1500 m3/hr each
<b>Dispersant spray boom</b>	12 m3/hr pump
<b>Cargo Fuel oil transfer pump</b>	2 x 150 m3/hr. at 80 m head
<b>Cargo Fresh water transfer pump</b>	1 x 150 tons/hr. at 80 m head
<b>Liquid Mud Pump</b>	2 x 100 m3 /hr at 50 m head
<b>Drill Water / Cargo F.W. Pump</b>	1 x 150 tons/hr. at 80 m head
<b>Bulk Compressors</b>	2 x 30 m3/min at 6.0 bar
<b>Navigational &amp; Communications Aids</b>	GMDSS (Area A3), Mini-M, Radars, Gyro-compass, Auto Pilot, GPS, Satellite navigator, SSB, VHF, Echo Sounder, Navtex receiver, weather fax, AIS,

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