



6,400 BHP TWIN SCREW ANCHOR HANDLING TUG BOAT

Name of Vessel	ENA TREASURE
Type of Vessel	Anchor Handling Tugboat
Flag	Singapore
Class	ABS ✕ A1 E ✕ AMS Offshore Support Vessel Fi Fi Towing and Anchor Handling Services
Built	2009
Gross Tonnage	1417
Net Tonnage	425
Length Overall	51.00 m
Length B.P.	48.80 m
Breadth Moulded	15.00 m
Depth Moulded	6.50 m
Draft	5.70 m
Designed Speed	12 knots
Endurance / Range	45 days
Bollard Pull	91.9 tons
Berth	Total 20
Fuel Capacity	1004 m3
Fuel consumption	18.0 tons / 24 hrs
Fresh Water	266 m3
Fresh Water Consumption	3.0 tons/day
Lubricating Oil Storage	10.0 m3 (for M/E); 6 m3 (for Gensets)
Hydraulic Oil	4.0 m3
Dirty Oil	6.3.0 m3
Foam	8.0 m3
Dispersant	8.0 m3
Sewage Holding	9.0 m3
Main Engines	2 units x Yanmar 8N280M-EV Diesel engines, each of 3,200BHP @ 720 RPM, total 6400 BHP
Propulsion	Twin screw controllable pitch propellers
Generator	3 units Caterpillar 3412 engines each of 500KW. 1 unit Caterpillar 3408 engine of 300KW
Emergency Generator	1 unit Cummings 6CTA8.3-D(M) of 84KW.
Electrical Power	415V; 3 Ph; 50 Hz.
Bow Thruster	1 x 8.0 tons cap. Controllable pitch type
Shark Jaw	1 x 500 tons, hydraulic
Tow pins	1 set x 500 tons, hydraulic
Stern roller	2.0 m dia. x 6.0 m, cap 400 tons

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

Deck crane	1 unit electro-hydraulic 5 tons SWL x 14 m rad.
Towing Winch Anchor handling drum Rope reels	250 tons x 6m/min (1 st layer) Brake holding capacity : 400 tons Drum capacity: 2000 m. x 64 mm.dia. Drum capacity: 2000 m. x 64 mm.dia. 2 x 10 tons @ 15m/min pull, wire capacity – 1500m x 64mm dia.
Tugger winch Capstan Windlass Bow winch	2 units 10 tons x 15m/min. 2 units 10 tons x 10m/min Electro hydraulic, 7 tons @ 10 m/min. 10 tons @ 25m/min, brake holding 100 tons
Deck space (wood sheathed)	20.0 m x 12.0 m (240 sq.m)
Fire-pump Fire monitor	FF1 – 2 x 1500 m ³ /hr x 14 bar 2 units at 1200 m ³ /hr each, remote-controlled
Rescue boat Work boat	1 unit SC45KR 1 unit 6 pax. CYBGJ4.5-00
Dispersant spray boom	2 x 5m booms
Navigational & Communications Aids	GMDSS (Area A3), Mini-M, Radars, Gyro-compass, Auto Pilot, GPS, Satellite navigator, SSB, VHF, Echo Sounder, Navtex receiver, speed log, weather fax, AIS, LRIT

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