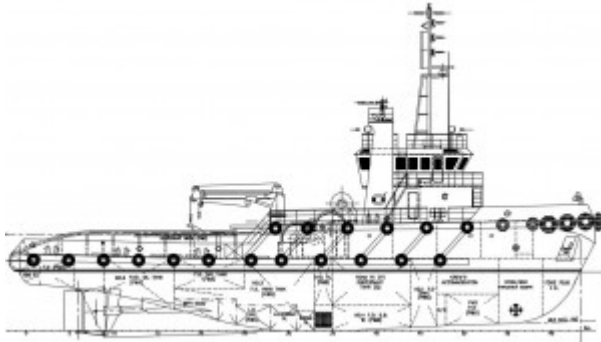


Anchor Handling/Tow Tug

Vessels Specifications



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		Registry	Singapore
Year of Delivery	2006	Type	Ocean Going/Anchor Handling Tug
Classification	ABS + A1, Towing Vessel, (E), + AMS	Dimensions	40m x 11.4m x 4.95m
GRT / NRT / DWT	497T / 149T / 285T	Minimum Working Draft	4.4m / 4.9m (Max)
Clear Deck Space (Main Deck)	16.5m x 8.0m	Speed	12.5 knots
Deck Strength	5.0 mt/m ²		
Bollard Pull	70T	Endurance	24 days
Accommodation	Fully air-conditioned for 18 men	Lifesaving	Comply with SOLAS requirements
Fuel (90%)	288 mt	Firefighting	Comply with SOLAS requirements
Fresh water	81 mt	Freshwater Maker	5 mt/day
Main Engines & Gearboxes	2 x Wartsila 6L26A diesel engines producing 2700 BHP each @ 1000 rpm c/w 2 x Reintjes WAF 2345 gearboxes, ratio 4.454:1	Generators	3 x 300kW, 380/3/50, Caterpillar model 3408 diesel driven
Main Engine Consumption	16000 litres MGO and 53 litres lube oil per 24 hours @ full power. 11,000 litres MGO and 26 litres lube oil per 24 hours @ economic cruising speed of 10 knots	Generator Consumption	450 litres MGO and 10 litres lube oil per 24 hours

Propulsion	2 x fixed propellers 2900mm diameter, Aluminum Nickel in kort nozzles	Steering Gear	Electro hydraulic, 7T torque
Fuel Oil Purifier	Mitsubishi self cleaning fuel oil purifier SJ-700	Lube Oil Purifier	Mitsubishi self cleaning lube oil purifier SJ-10G
Towing Pins & Sharkjaws	KARM FORK combination unit with 2 towing pins & 2 sharkjaws	Bow Thruster	Brunvoll FU-37-LTC-1000, 240kw, 3.7T thrust
Anchor Windlass	Hydraulic 7.7T @ 0-14m/min BRATTVAAG	Anchors	2 x 680kg stockless anchors
Anchor chain	2 x 275m x 28mm diameter U2 steel stud link chain	Towing/Anchor Winch	BRATTVAAG double drum waterfall type SL75-2T hydraulic winch with remote controls in wheelhouse 75T pull @ 0-14.0m/min 43T pull @ 0-22m/min Wire Capacity :- 1000m x 52mm diameter Brake holding : 140T
Stern Roller (Size) SWL	L-3.30m; Dia-1.62m 140 mt	Wire Storage Reel	2 x 9.2T line pull @ 0-26 m/min, storage reels will contain 1000m x 52mm dia
Crane	Dreggen crane model DKT40 – 2.6T @ 14m	Tugger Winch	2 X BRATTVAAG 11T line pull @ 0-23m/min
Fendering	Flat bar doubler plates of 300mm x 30mm cross section welded to side shell	Cutting Equipment	Two bottles oxygen and one bottle acetylene c/w torch
Liferafts	2 x 20 men	Radar	1 x radar. Model FR1510 MK3 1 x radar. Model FR 2105
SSB	Radio console, FURUNO RC-1800-IT-25-250, 24V DC/220V AC with manual c/over to emergency supply antenna feeder through insulator & whip & standoff insulators c/w DSC & NBDP to meet GMDSS requirements. FURUNO SSB model FS-2570-250W	VHF	2 x VHF/FM multi-channel marine radio telephones. FURUNO model FM-8500-25W

Gyro & Automatic Pilot	1 set fitted. Gyro-Tokimec ES-110. Autopilot-Furuno model NAV PILOT-500	Weather Facsimile	1 x FURUNO model FAX-207
Other Navigation Equipment	2 x INMARSAT-C, EPIRB, Radar Transponder, P.A. System, Navtex Receiver, GPS Navigator, Anemometer, Omni Direction TV Antenna, Echo Sounder, Battery Powered Telephone, Inmarsat M. Speed log, AIS, SSAS	Fire Monitors	2 fixed foam/water fire monitors of 3000 litres/min each @ 120m head capacity. 1 x Fire pump of 360 m ³ /hour
Dispersant Booms	2 x 8m dispersant booms fitted	Sewage Treatment Plant	Taiko Kikai SBT-25 for 25 men

