



# BRITOIL 62 - 63

5,400 BHP | 70T | AHTS

**Name of Vessel**  
BRITOIL 62 / BRITOIL 63

**Registry**  
Singapore

**Year of Delivery**  
Britoil 62:2005 / Britoil 63: 2006

**Type**  
Ocean Going/ AHT/ Towing Tug

**Classification**  
ABS + A1, Towing Vessel, (E), +AMS

**Dimension**  
40.0m x 11.4m x 4.95m

**Draft**  
4.0m (Designed), 4.4m (Max)

**GRT/NRT/DWT**  
497T / 149T / 285T

**Clear Deck Space**  
16.5m x 8.5m

**Deck Strength**  
Main Deck -5T/m<sup>2</sup>

**Speed**  
12.5 knots

**Bollard Pull**  
70T

**Endurance**  
24 days

**Accommodation**  
Fully air conditioned for 18 men

**Fuel**  
207 MT

**Fresh Water**  
57 MT

**Freshwater Maker**  
5 MT/ day

**Main Engines & Gearboxes**  
2 x Wartsila 6L26A diesel engines producing 2700 bhp each at 1000 rpm c/w  
2 x Reintjes WAF 2345 gearboxes, ratio 4.454:1

**Generators**  
3 x 300kW, 380/3/50, Caterpillar 3408 diesel driven

**Main Engine Consumption**  
16000 litres MGO and 53 litres lube oil per 24 hours at full power.  
11,000 litres MGO and 26 litres lube oil per 24 hours at 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 dia, Aluminum Nickel in kort nozzles

**Bow Thruster**  
Brunvoll FU45 T1225, 300kW, 4.5T thrust

**Towing Pins & Sharkjaws**  
KARM FORK combination unit with 2 towing pins & 2 sharkjaws

**Crane**  
Dreggen crane model DKT40, 45TM - 2.6T at 14m

**Anchor Windlass**  
Hydraulic 7.7T at 0-14m/min BRATTVAAG

**Anchor**  
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 at 0-14.0m/min  
43T pull at 0-22m/min  
Wire Capacity: -  
1000m x 52 mm diameter  
Brake holding: 140T

**Tugger Winch**  
2 x BRATTVAAG 11T line pull at 0-23m/min

**Wire Storage Reels**  
2 x 9.2T line pull at 0-26 m/min, storage reels will contain 1000m x 52mm dia

**Stern Roller**  
Size: L-3.3M, 01.62M  
S.W.L.:140T

**Fendering**  
Flat bar doubler plates 300mm x 30mm cross section welded to side shell.

**Radar**  
1 x radar. Model FR1510 MK3  
1 x radar. Model FR 2105

**SSB**  
Radio console, FURUNO model RC-1800-IT-25-250, 24V DC/220V AC with manual clover to emergency supply antenna feeder through insulator, whip & standoff insulators c/w DSC & NBDP to meet GMDSS Requirements. FURUNO SSB FS-2570-250W

**VHF**  
2 x VHF/FM multi-channel marine radio telephones. FURUNO FM-8500-25W

**Gyro & Automatic Pilot**  
1 x Gyro-Tokimec ES-110.  
Autopilot-Furuno 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 at 120m head capacity.  
1 x Fire pump of 360 m<sup>3</sup>/hour

**Dispersant Booms**  
2 x 8m dispersant booms fitted

**Sewage Treatment Plant**  
Taiko Kikai SBT-25 for 25 men