



# BRITOIL 60 - 61

10,500 BHP | 130 TBP | AHTS

**Name of Vessel**  
BRITOIL 60 / BRITOIL 61

**Registry / Year of Delivery**  
Singapore / 2007

**Type**  
Ocean Going / Anchor Handling /  
Towing Tug

**Classification**  
ABS + A1, Towing Vessel,  
Fire Fighting Vessel Class 1 (E),  
+ AMS

**Dimensions**  
51.0m x 13.0m x 6m

**Draft**  
4.5m (Designed) / 5.4m (Max)

**Clear Deck Space**  
22.0m x 10.0m

**Deck Strength**  
Main Deck-5T/m2

**GRT / NRT / DWT**  
1123T / 337T / 703T

**Speed**  
13.0 knots

**Bollard Pull**  
130T

**Endurance**  
30 days approximately

**Accommodation**  
Fully air conditioned for 30 men

**Lifesaving**  
To meet SOLAS requirement

**Life-raft**  
4 x 25 men

**Rescue Boat**  
1 x 6 men

**Fuel**  
590 MT

**Fresh Water**  
80 MT

**Freshwater Maker**  
12.4 MT/day

**Main Engines & Gearboxes**  
2 x MAK 8M32C diesel engines  
producing 5250 bhp each at 600  
rpm c/w reintjes LAF6745  
reduction gearboxes

**Generators**  
3 x 400 kW, Caterpillar 3412 Dita,  
380/3/50, diesel driven generators.  
1 x 99 kW, Cat 3306 Dita emergency  
generator

**M.E. Consumption**  
32,000 litres MGO and 80 litres lube oil  
per 24 hours at full power.  
24,000 litres MGO and 60 litres lube oil  
per 24 hours at economic cruising  
speed of 10 knots.

**Generator Consumption**  
600 litres MGO and 15 litres lube oil  
per 24 hours

**Propulsion**  
2 x 3500mm diameter, 4-bladed  
CPP propeller manganese bronze in  
kort nozzles

**Steering Gear**  
Electro hydraulic, 14T torque

**Fuel Oil Purifier**  
Mitsubishi self cleaning fuel oil  
purifier, SJ10G

**Lube Oil Purifier**  
Mitsubishi self cleaning lube oil  
purifier, SJ20G

**Bow Thruster**  
1 x 500 bhp BRUNVOLL  
Type CPP – Thrust 6.3T

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

**Crane**  
Dreggen, model DKT100, capacity  
2.65T at 20.6m

**Anchor Windlass**  
Hydraulic 8.9T at 0-13m/min  
BRATTVAAG

**Anchors**  
2 x 1590 kg stockless anchors

**Anchor Chain**  
2 x 275m x 34mm diameter U2  
steel stud link chain

**Towing/Anchor Winch** BRATTVAAG  
double drum waterfall hydraulic winch  
with remote controls in wheelhouse.  
150T pull at 0-10.2m/min  
2 units x 1200m x 60mm dia. wire

**Tugger Winch**  
2 x BRATTVAAG 11T line pull at  
0-44m/min

**Wire Storage Reels**  
2 x 10T line pull at 0-35m/min & 1  
x 20T line pull at 0-16m/min. Wire  
capacity:  
1 off x 1700m x 67mm dia. and  
2 offs x 1200m x 67mm dia.  
1 reel for storing spare towing wire  
and 1 reel will store various size  
pennant wires

**Stern Roller**  
Size: L-4.01M, Ø- 1.65M  
S.W.L: 300T

**Fendering**  
Flat bar doubler plates of 30 x 350mm  
cross-section welded to side shell. At  
bow tire fenders of approx. 2000mm  
provided

**Radar**  
2 x IMO approved X-Band Marine  
Radar c/w 6.5ft scanner and  
performance monitor. FURUNO  
FR2125 (#1) & FR-1510 MKIII (#2)

**Radio**  
Radio console, FURUNO model  
RC-1800-IT-25-250,  
24V DC/240V AC with manual  
cover to emergency supply antenna  
feeder through insulator, whip &  
standoff insulators c/w DSC &  
NBDP to meet GMDSS  
requirements SSB FURUNO FS-  
2570-250W

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

**Gyro & Automatic Pilot**  
1 x Gyro-Tokimec TG-6000.  
Autopilot-Furuno NAV PILOT-500

**Weather Facsimile**  
1 x Furuno FAX-207

**Other Navigation Equipment**  
2 x INMARSAT-C, EPIRB,  
Radar Transponder, P.A. System,  
Navtex Receiver, GPS Navigator,  
1 x Satellite Mini M Tel & Fax,  
Echo Sounder (colour),  
2 VHF walkie talkie, Anemometer,  
speed log, AIS, etc.

**Fire Monitors**  
2 fixed foam/water fire monitors of  
10000 litres/min each at 130m  
head capacity,  
2 x fire pump of 1400 cu m/hour  
each

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

**Sewage Treatment Plant**  
Taiko Kikai SBT-40 for 40 men