



# BRITOIL 64 - 65

5,400 BHP | 70 TBP | AHTS

## Name of Vessel

BRITOIL 64 / BRITOIL 65

## Registry / Year of Delivery

Singapore / 2007

## Type

Ocean Going / AH / 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 / 262T

## Clear Deck Space

16.5m x 8.0m

## 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

## Lifesaving

Comply to SOLAS requirement

## Life-raft

2 x 20 Men

## Firefighting

Comply to SOLAS requirement.

## Fuel

186 mt

## Fresh Water

56 mt

## Freshwater Maker

12.4 mt/day

## Main Engines & Gearboxes

2 x Caterpillar 3606 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 24 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, Aluminium Nickel in kort nozzles

## Steering Gear

Electro hydraulic, 7T torque

## Fuel Oil Purifiers

Mitsubishi self cleaning fuel oil purifier SJ-700

## Bow Thruster

Brunvoll FU45 T1225, 300kW, 4.5T thrust

## Towing Pins & Sharkjaws

KARM FORK combination unit with 2 towing pins & 2 sharkjaws

## Crane

North American Crane model: 45TM-14M/2.6T, 2.6T at 14m

## Anchor Windlass

Hydraulic 7.7T at 0-14m/min  
BRATTVAAG

## Anchors

2 x 780kg stockless anchors

## Anchor Chain

2 x 330m 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 diameter

## Stern Roller

Size: L-3.3M, Ø-1.62M  
S.W.L: 140T

## Fendering

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

## Cutting Equipment

2 bottles oxygen and 1 bottle acetylene c/w torch

## 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 c/over 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