



BRITOIL 74

7,268 BHP | 100 TBP | AHTS

Name of Vessel
BRITOIL 74

Registry / Year of Delivery
Singapore / 2016

Type
Ocean Going / Anchor Handling /
Towing Tug / Firefighting

Classification
ABS + A1, (E), + AMS, + AH, +FIFI 1,
Towing Vessel

Dimensions
52m x 15m x 6.5m

Min. Working Draft / Max. Draft
4.6m / 5.7m

GRT / NRT / DWT
~1721 / ~516 / ~1150

Clear Deck Space
18.0m x 11.0m (Main Deck)

Deck Strength
Main Deck-5T/m2

Speed
14 knots

Bollard Pull
100T

Endurance
8,000 nautical miles at 13 knots

Accommodation
Fully air conditioned for 24 men

Lifesaving
To meet SOLAS requirement

Davit & Rescue Boat
1 x Harding davit, Model NPDS 1800H,
SWL 1.8T with Norsafe diesel powered
rescue boat, Model Midget 530 MKII,
6 men

Liferafts
4 x 25 men

Fire-fighting
To meet Solas requirement.

Fire Monitors
2 fixed fire monitors of 1,200 m³/hr
each at 123m head capacity.
2 x fire pump of 1700 m³/hr each at
125m head capacity.

Oil Dispersant System
2 sets spray nozzles, type UOC 600,
1 1/4" (M) x 1 1/4" (F), brass,
duty 276 liters at 4.14 bar

Fuel
699 MT (90%)

Fresh Water
285 MT

Freshwater Maker
12 MT/day

Main Engines & Gearboxes
2 x Caterpillar C280-8 diesel
engines producing 3634 bhp each at
1000 rpm c/w 2 x Reinjets LAF
4555 gearboxes, ratio 5.773:1

Main Generators
2 x 1488kw shaft alternator,
400v/3/50Hz,
2 x 800kW, 400v/3/50Hz, Caterpillar
Model C32 diesel driven,
2 x 450kW, 400v/3/50Hz, Caterpillar
Model C18 diesel driven,

Emergency / Harbour Generator
1 x 118kW, 400v/3/50Hz, Caterpillar
Model C6.6 diesel driven

Main Engine Consumption
20,000 litres MGO per 24 hours at
full power.
12,500 litres MGO per 24 hours at
economic cruising speed of 10
knots

Generator Consumption
1200 litres MGO per 24 hours

Propulsion
2 x 3250mm diameter, 4-bladed
CPP propeller Cu-Ni-Al bronze in kort
nozzles

Fuel Trax System
NCS model FuelTrax GS150-2

Fuel Oil Purifier
Mitsubishi self cleaning fuel oil
purifier SJ-10G

Sewage Treatment Plant
Taiko Kikai SBT-25 for 25 men

Bow Thruster
1 Bow thruster, Brunvoll FU-63-LTC-
1550, 570kW, 8T thrust

Steering Gear
Electro hydraulic, 12T torque

Towing/Anchor Winch
Brattvaag double drum waterfall type
SL250W-2T hydraulic winch with
remote controls in wheelhouse
250T pull at 0-11 m/min
152T pull at 0- 18m/min
103T pull at 0-27m/min
Wire Capacity:-
1200m x 67 mm diameter
Brake holding: 350T

Wire Storage Reels
2 x Brattvaag, 8.8T line pull at
0-42.6 m/min, storage reels will
contain 1200M x 67mm diameter

Tugger Winches
2 x Brattvaag, 20T line pull at
0-14 m/min

Shark jaws / Towing pins
1 x Triplex guide pins, type S-200,
SWL 200T
2 x Karmfork shark jaws, MBL 300T
1 x Triplex shark jaw, type H-350-N,
SWL 350T

Anchor Windlass
1 x Brattvaag Hydraulic,
15T at 0-23m/min

Anchors
2 x 2,100kg stockless anchors

Anchor Chain
2 x 385m x 36mm diameter U3 steel
stud link chain

Stern Roller
Size: 5.16M, Ø-2.0M
S.W.L: 300T

Crane
Sormec Marine Crane, Model
M250/3S,
SWL 2.5T at 25m

Radar
2 x X-band Radar.
Furuno Model FAR 2117

EDCIS
Furuno Model FMD-3200 with 2 sets of
19" LCD

GMDSS Radio Console
FURUNO model RC-1800T-25, A1-2-3
radio package. Complete with:
-1x HF/MF SSB radiotelephone,
FURUNO model FS-2570 (250W);
-2x INMARSAT C terminal (one with
SSAS), FURUNO model FELCOM-15

VHF
2 x VHF/DSC marine radio telephones.
FURUNO model FM-8800S (25W)

Gyro & Automatic Pilot
1 x Gyro, TKC TG8000;
1 x Autopilot, Anschuetz NP 60 for
double rudders.

**Other Navigation and
Communication Equipment**
EPIRB, Radar Transponders, Navtex
Receiver, Weather Facsimile, GPS
Navigator, Anemometer, Echo Sounder,
Speed log, AIS, Simrad Cx44 GPS
Chart Plotter, Omni-Direction TV
System, P.A./Talk Back System,
Common Battery Powered Telephone,
Automatic Telephone System, Mini-
Vsat. System, ICOM VHF Radio-
telephones, VHF Walkie-Talkie.

CCTV
GALAZ-C, 4 x camera, 2 x monitor

Joystick
Kongsberg cJoy

Fendering
Flat bar doubler plates of 450mm x
20mm cross section welded to side
shell