



BRITOIL 70

7,268 BHP | 100 TBP | AHTS

Name of Vessel
BRITOIL 70

Registry/Year of Delivery
Singapore / Mid 2011

Type
Ocean Going / Anchor Handling /
Towing Tug

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

Dimensions
47.0m x 13.6m x 5.6m

Draft
4.5m (Designed)

GRT / NRT / DWT
1032 / 309 / ~585 (EST.)

Clear Deck Space
18.0m x 10.0m (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 22 men

Lifesaving
To meet SOLAS requirement

Firefighting
To meet SOLAS requirement

Fuel
452 MT (90%)

Fresh Water
100 mt approx

Freshwater Maker
12 mt/day

Main Engines & Gearboxes
2 x Caterpillar 3608 diesel engines
producing 3634 bhp each at 1000
rpm c/w 2 x Reinjets LAF 4555
gearboxes, ratio 5.773:1

Main Generators
3 x 500kW, 380v/3/50Hz, Caterpillar
Model 3412C diesel driven

Emergency Generator
1 x 82kW, 380v/3/50Hz, Caterpillar
Model C4.4 diesel driven

Main Engine Consumption
20,000 litres MGO and 72 litres lube
oil per 24 hours at full power.
12,500 litres MGO and 54 litres lube
oil per 24 hours at economic cruising
speed of 10 knots

Generator Consumption
700 litres MGO and 28 litres lube oil
per 24 hours

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

Steering Gear
Electro hydraulic, 9T torque

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

Fire Monitors
2 fixed fire monitors of 222 m³/hr
each at 100m head capacity.
1 x fire pump of 360 m³/hr at 130M
head capacity

Bow Thruster / Stern Thruster
Brunvoll FU-45-LTC-1375, 380kW,
6.2T thrust

Crane
North Pacific Crane MCT2-2568
MOD - 2.6T at 20.7m

Anchor Windlass
1 x Sea Reef Hydraulic type
SRC36/66-120, 15T at 0-21m/min

Anchor
2 x 2,100kg stockless anchors

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

Towing/Anchor Winch
Sea Reef double drum waterfall type
SRA-2360 hydraulic winch with remote
controls in wheelhouse
165T pull at 0-13 m/min
Maximum Deployment Speed:-
150 m/min
Wire Capacity:-
1200m x 60 mm diameter
Brake holding: 300T

Tugger Winches
2 x Sea Reef type SRT20-500,
11T line pull at 0-50 m/min

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

Wire Storage Reels
2 x Sea Reef type SRS60-1200,
12T line pull at 0-30 m/min, storage
reels will contain 1200m x 60mm
diameter

Stern Roller
Size: L-4.7M, Ø- 1.97M
S.W.L: 300T

Fendering
Flat bar doubler plates of 400mm x
25mm cross section welded to side
shell

Liferafts
2 x 25 men

Rescue Boat
1 x 6 men

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

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

Fuel Trax System
NCS model FuelTrax GS150-2

Oil Dispersant System
2 sets spray nozzles, type UOC 600,
1 ¼" (M) x 1 ¼" (F), brass,
duty 276 liters at 4.14 bar

Sewage Treatment Plant
Taiko Kikai SBT-25 for 25 men