



BRITOIL 21

3,600 bhp | AHT

Name of Vessel
BRITOIL 21

Registry
Singapore

Year of Delivery
2008

Type
Ocean Going /
Anchor Handling / Towing Tug

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

Dimensions
43.0m x 12.6m x 5.6m

Draft
4.0m (Designed)

GRT / NRT / DWT
816T / 245 T / 655 T

Clear Deck Space
18.0m x 8.9m (Main Deck)
6.0m x 9.4m (Forecastle Deck)

Deck Strength
Main Deck- 5Tm²

Speed
12.5 knots

Bollard Pull
50T

Endurance
7,200 nautical miles at 12 knots

Accommodation
Fully air conditioned for 24 men

Lifesaving
Comply to SOLAS requirement

Firefighting
Comply to SOLAS requirement

Life Rafts
2 x 25 men

Rescue Boat
1 x 6 men

Fuel
471 MT (90%)

Fresh Water
80 mt

Freshwater Maker
12.4 mt/day

Main Engines & Gearboxes
2 x Yanmar 8N21A-EV diesel
engines producing 1800 bhp ea.
2 x Reintjes WAF 1563L
gearbox, ratio- 4.846:1

Generators
3 x 400kW, 380v/3/50Hz,
Caterpillar 3412 diesel driven

Emergency Generator
1 x 84kW, 380v/3/50Hz,
Caterpillar 3056 diesel driven

Main Engine Consumption
11,000 Ltrs. MGO and 36 Ltrs.
lube oil per 24 hours at full power
7,200 Ltrs. MGO and 16 Ltrs. lube
oil per 24 hours at economic
cruising speed of 10 knots

Generator Consumption
580 Ltrs MGO and 13 Ltrs lube oil
Per 24 hours

Propulsion
2 x fixed propellers 2800mm dia.
Aluminium Nickel in kort nozzles

Steering Gear
Electro hydraulic, 7T torque

Fuel Oil Purifier
Mitsubishi self cleaning fuel
oil purifier SJ-700

Lube Oil Purifier
Mitsubishi self cleaning lube
oil purifier SJ-10G

Towing Pins & Sharkjaws
Karmfork combination unit with
2 towing pins & 2 sharkjaws

Bow Thruster
Brunvoll FU-45-LTC-1375
380Kw, 6.2t THRUST

Crane
North American Crane model
MCT2-2568 MOD, 2.6T at 20.7m

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

Anchors
2 x 2,100kg stockless anchors

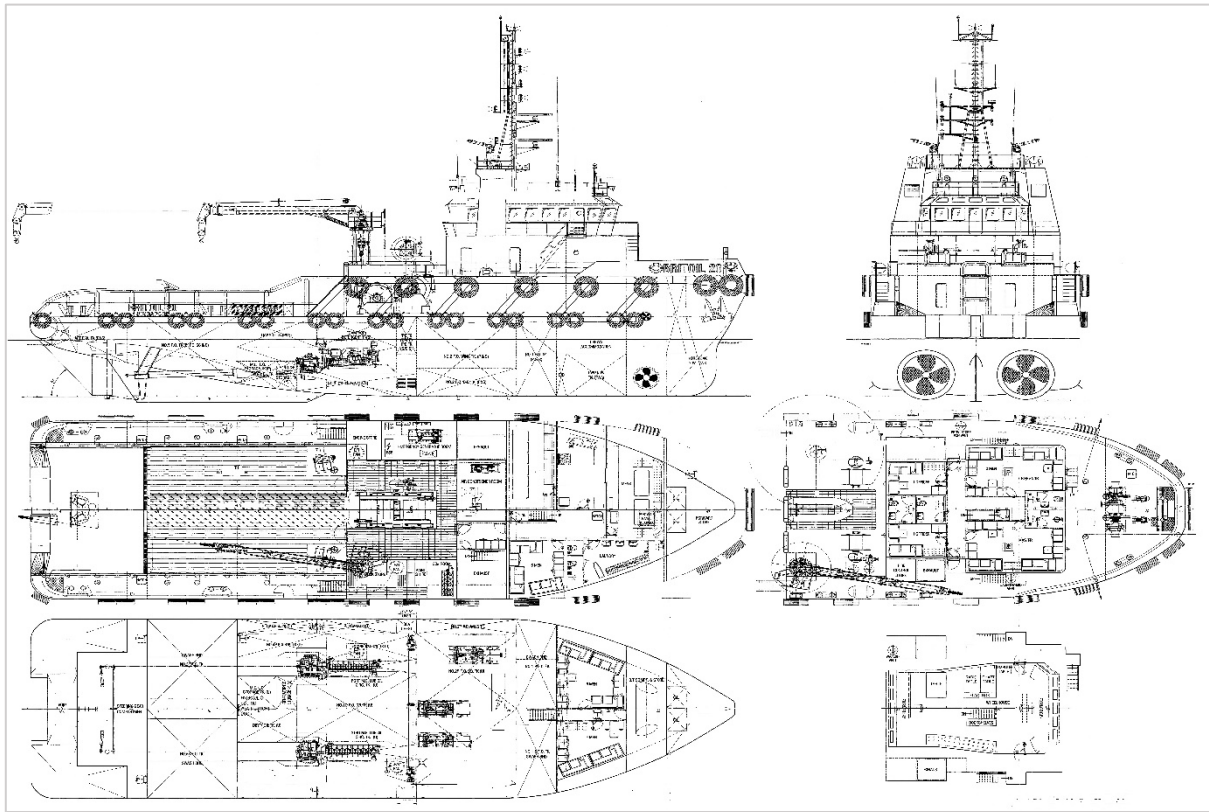
Anchor Chain
2 x 385m x 36mm diameter, U3 steel stud link chain

Towing/Anchor Winch
BRATTVAAG Double Drum Waterfall type SL75-2T
hydraulic winch with remote controls in wheelhouse
75T pull at 0-14.0 m/min
43T pull at 0-22m/min
Wire Capacity:- 1000m x 52mm dia.
Brake holding:- 140T

Wire Storage Reel
1 x 9.2T line pull at 0-26m/min, storage reels with
contain 1000m x 52mm dia

Tugger Winch
2 x BRATTVAAG 9.5T line pull at 0-36m/min

Stern Roller
Size:- L -4.39M, Ø-1.67M
SWL:- 300T



GMDSS Radio Console

FURUNO model RC-1800T-25,
 A1, A2, A3 radio package
 24VDC/220VAC manual cover to emergency supply
 to meet GMDSS requirement.
 Complete with:-
 - 1 x HF / MF SSB radio telephone
 FURUNO model FS-2570 (250W)
 - 2 x INMARSAT C terminal
 FURUNO model FELCOM-15

VHF

2 x VHF/DSC marine radio telephones
 FURUNO FM-8500 (25W)

Gyro & Automatic Pilot

1 x Gyro, SIMRAD RGC 80
 1 x Autopilot, Anschuetz NP 60

Other Navigation and Communication Equipment

EPIRB
 Radar Transponders
 Navtex Receiver
 GPS Navigator
 Anemometer
 Echo Sounder
 Speed Log
 AIS
 SSAS
 Global Map 9200C GPS Chart Plotter
 Omni-Direction TV System
 P.A. System
 Common Battery Powered Telephone
 INMARSAT F
 ICOM VHF Radio telephones

Weather Facsimile

1 x FURUNO model FAX-408

Fire Monitors

2 Fixed Foam/ water fire monitors of 3000 litres/min each
 at 120m head capacity.
 1 x Fire pump of 360m/hr

Dispersant Booms

2 sets spray nozzles,
 UOC 600, 1 ¼" (M) x 1 ¼" (F), brass duty 276 litres at 4.14 bar

Fendering

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

Cutting Equipment

2 bottles oxygen and 1 bottle acetylene c/x torch