



# BOS Aphrodite

5150 BHP | 65 T BP | DP1

**Class Notation:** Tug, Supply Vessel; Anchor Handling; Fire-Fighting Ship 1; water spraying; Oil Recovery Ship – flash point > 60° C; unrestricted navigation; Biosafe Ship; Efficient Ship 10;

## Main Particulars

Flag	Gibraltar
Call Sign	9V8666
IMO No.	9552173
Year Built	2011
Design Draft	4.95 M
Max Summer Draft	4.95 M
Gross Tonnage	1678 T
Net Tonnage	503 T
Deadweight (Max Draught)	1360 T

## Dimensions

Length Overall	59.25 m
Beam	14.95 m
Depth Moulded	6.100 m

## Performance

Max Speed	About 11.5 MT @12 knots
Economical Speed	About 6 MT @8 knots

## Cargo Deck

Deck Cargo Area	350 m2
Deck Cargo Dimension	28 m x 12.5 m
Deck Cargo Capacity	500 t
Deck Strength	7.5 t/m2

## Main Engines & Generators

Main Engines	2 x CAT 3516B/5150 BHP
Main Generators	2 x CAT C18 350 kW
Emergency Generators	1 x CAT 65 kW
Shaft Generators	2 x 800 kW

## Thrusters & Propulsion

Bow Thruster	1 x Kawasaki KT-72B3 – 515 kW
Propellers	2 x CPP in fixed Kort Nozzles
Stern Thruster	1 x Kawasaki KT-55B3 – 390 kW

## Deck Crane

Fixed Crane	1 x 3 t @9m
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## Anchor Handling/Tow Equipment

Tow/Anchor Handling Winch	Plimsolel Waterfall
Stall Pull Capacity	150 t
Brake Holding Capacity	200 t
Tow Drum Capacity	1000 m x 56mm
Anchor Handling Capacity	1000 m x 56mm
Tugger Winch	2 x 10 t @15m/min
Capstan	2 x 5 t @15m/min
Shark Jaws	1 set of karmfork – 200 t SWL
Tow Pins	2 x closed top type – 200 t SWL
Stern Roller	4.4 m x 1.6 m – SWL 200 t SWL

### Capacities

Fuel Tank	535 m3
Fresh Water	360 m3
Drill Water	253 m3
Mud/Brine/Oil Rec Tank	378 m3
Dry Bulk Tank	4 x 1650 ft3 each

### Discharge Rates

Drill Water/Pump	100 m3/hr at 75 m head
Fresh Water/Pump	100 m3/hr at 75 m head
Fuel/Pump	150 m3/hr at 75 m head
Brine/Mud Pump	75 m3/hr

### Acomodation

Crew	13
Special Personnel	12
Hospital	yes

### Tow/Anchor Handling Wires

Main Tow Wire	1000 m x 56mm
Spare Tow Wire	1000 m x 56mm
Anchor Handling Wire	150 m x 56 mm

### Dynamic Positioning System

DP Class	1 – Kongsberg
References	1 x DGPS DPS 110 1 x DGPS DPS 112
Joystick	Yes

### Fire Fighting and Rescue

Firefighting System	Fifi 1 – 2 x 1200 cu m per hr
Fifi Pump	120 m x 50 m
Fifi Monitor	2
Spray Boom	yes
Rescue Boat	25 HP OBM, capacity 6 man

