



BOS Theia

5150 BHP | 69.1 TBP | DP1

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

Main Particulars

Flag	Gibraltar
Call Sign	ZDNA9
IMO No.	9585742
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)	1300 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 m ²
Deck Cargo Dimension	28 m x 12.5 m
Deck Cargo Capacity	500 t
Deck Strength	7.5 t/m ²

Main Engines & Generators

Main Engines	2 x 1920 kW/5150 BHP
Main Generators	3 x CAT C18 383 KW
Emergency Generators	1 x CAT C4.4 65 KW

Thrusters & Propulsion

Bow Thruster	1 x 390 kW – 8 thrust
Propellers	2 x CPP in fixed Kort Nozzles

Deck Crane

Fixed Crane	1 x 3 t @9m
-------------	-------------

Anchor Handling/Tow Equipment

Tow/Anchor Handling Winch	Mentrade
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	911 m3
Fresh Water	369 m3
Drill Water	253 m3
Mud/Brine/Oil Rec Tank	
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

Accommodation

Crew	10
Special Personnel	30
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 – Marine Tech
References	1 x DGPS C-Nav 3050 1 x DGPS C-Nav 1000
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

