



BRITTOIL DOMINANCE

6,962 BHP | 100 t BP | DP2 AHTS

Class Notation: ABS ~~A~~A1, Offshore Support Vessel (AH), ~~A~~AMS, ~~D~~DP5-2, Fire Fighting Vessel Class 2, Oil Recovery Capability Class 2, E

Main Particulars

Specification	Details
Flag	Tuvalu
IMO	9503108
Built	2013
Length Overall	81.0 m
Beam Overall	16.8 m
Depth	7.5 m
Loaded Draft	6.4 m
Deadweight	3,124 t
GRT (ITC)	3,208
NRT (ITC)	962

Machinery & Propulsion

Component	Details
Main Engines	2 x Yanmar 8EY-26 (2 x 3,481 BHP at 750 RPM)
Total Installed Power	6,962 HP / 5,191 kW
Main Generators	6 x 590 kW, 240/440V, 3-phase, 60 Hz
Emergency Generator	1 x CAT C4.4, 99 kW
Azimuth Thrusters	2 x Kawasaki Rexpeller KST 220 ZC/B, CPP in Kort-Nozzle ϕ 2.70 m
Bow Thrusters	2 x Kawasaki KT-88B3 CPP (2 x 550 kW, 2 x 9.0 t thrust)

Deck & Anchor Handling Equipment

Component	Details
Winch	Double-Drum Waterfall, 1 x Brattvag SL150W-2T
Winch Drum Capacity	2 x 1200 m of ϕ 52 mm wire rope
Stern Roller	5.40 m x 2.06 m, SWL 250 t
Tugger Winches	2 x Brattvag LAKMX22.010, 10 t
Storage Reels	3 x Brattvag LALMX2205
Shark Jaws	1 x Triplex Shark's Jaw H-200
Towing Pins	1 x Triplex Guide Pin S-200, SWL 200 t
Anchor	2 x AC 14 high holding power (3,000 kg each)
Anchor Chains	2 x 20 shackles U3 stud link ϕ 42 mm

Accommodation

Accommodation	Details
Total Berths	66
Cabins	20
Single Cabins	2
Double Cabins	4
4-Person Cabins	14
Officer Mess	1
Crew Mess	1
Offices	2
Conference Rooms	1
Lounges	1
Hospital	1

Documentation & Registration

Documentation	Details
Callsign	T2EB6
Official Number	4352
MMSI Number	572770220
Builder	PRM Offshore Heavy Industries
Hull Number	765

Performance and Fuel Consumption

Performance	Speed	Fuel Consumption
Maximum	14.0 kn	21.2 m ³ /day
Cruising	12.0 kn	17.6 m ³ /day
Economical	10.0 kn	11.8 m ³ /day

Tank Capacities & Discharge Rates

Tank	Capacity	Discharge Rate
Fuel Oil	1,030 m ³	150 m ³ /hr
Potable Water	360 m ³	150 m ³ /hr
Drill Water	600 m ³	150 m ³ /hr
Water Ballast	600 m ³	150 m ³ /hr
Liquid Mud	1,100 m ³	100 m ³ /hr
Dry Bulk	340 m ³	38 m ³ /min
Base Oil	600 m ³	100 m ³ /hr
Brine	900 m ³	150 m ³ /hr
Recovered Oil	1,400 m ³	-
Foam	16 m ³	-
Dispersant	16 m ³	-

Cargo Deck

Cargo Deck	Details
Clear Deck Area	705.6 m ²
Deck Dimensions	49.0 m x 14.4 m
Deck Strength	10 t/m ²
Deck Capacity	1,200 t

Electronics & Dynamic Positioning (DP)

System	Details
Dynamic Positioning	Class 2
DP System	Nautronix ASK6000
DP Reference	DGPS (Veripos LD35-G1-0516), Fan Beam
Radar	Decca 30 kW ARPA 343/12/MT/VM2; Decca 25 kW ARPA 342/8/MT/VM2
Gyro Compass	3 x Sperry Marine Gyro Navigat XMK1 (Mod 7), GGTMC Gyro Navigat 2100
GMDSS	Sailor 4000 GMDSS A3 (250 W)
Radios	2 x Sailor 25 W RT4822
AIS	SAAB R4 Navigation System
NAVTEX	2 x Furuno FSN-300A
Depth Sounder	Sperry ES-5100-01

Special Equipment

Equipment	Details
Foam Fire Fighting	2 x 1800 m ³ /hr at 16 bar; 1 x 3600 m ³ /hr at 16 bar
Oil Dispersant	2 x 6 m spray arms (port/starboard), flat nozzles, 40° spray angle
Water Maker	Technicomar MD 2000, 5.5 t/day
Crane	TTS Marine ASA115-5-12, SWL 5 t
Fire Monitors	Equipped
Deluge System	Equipped

Rescue & Safety

Equipment	Details
Fast Rescue Craft (FRC)	1 x SOLAS-approved FRC, 230 hp, 10-person capacity, with davit launch and recovery
Survival Craft	8 x 25-person inflatable life rafts

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