



# BRITOIL DIGNITY

## 6,962 BHP | 100 t BP | DP2 AHTS

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

### Main Particulars

Specification	Details
Flag	Tuvalu
IMO	9503110
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 $\phi$ 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 $\phi$ 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 $\phi$ 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	T2EA6
Official Number	4353
MMSI Number	572769220
Builder	PRM Offshore Heavy Industries
Hull Number	766

### Performance and Fuel Consumption

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

### Tank Capacities & Discharge Rates

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

### Cargo Deck

Cargo Deck	Details
Clear Deck Area	705.6 m <sup>2</sup>
Deck Dimensions	49.0 m x 14.4 m
Deck Strength	10 t/m <sup>2</sup>
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 <sup>3</sup> /hr at 16 bar; 1 x 3600 m <sup>3</sup> /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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