



# BRITOIL DILIGENCE

## 8,040 BHP | 120 t BP | DP2 AHTS

Class Notation: A1, Offshore Support Vessel (AH, FFV1, OSR-C1, SPS, Supply-HNLS, TOW), AMS, DPS-2, BP (110 MT), BWT, RW, UWILD

### Main Particulars

| Item             | Detail  |
|------------------|---------|
| Flag             | Tuvalu  |
| IMO              | 9761190 |
| Call Sign        | T2DS6   |
| Built            | 2025    |
| Length Overall   | 73.0 m  |
| Beam Moulded     | 17.2 m  |
| Depth Moulded    | 7.5 m   |
| Max Summer Draft | 6.1 m   |
| Gross Tonnage    | 3,437 t |
| Net Tonnage      | 1,031 t |
| Deadweight       | 2,200 t |

### Machinery & Propulsion

| Item                | Detail                                      |
|---------------------|---------------------------------------------|
| Main Engines        | 2 x Wärtsilä 6L32, 3,000 kW each            |
| Main Generators     | 3 x Caterpillar C18, 500 kW, 440 V/60 Hz    |
| Shaft Generators    | 2 x MJRM 500 MA42, 1,800 kW                 |
| Emergency Generator | 1 x Cummins QSB7-DM + LSAM44.2, 99 kW       |
| Bow Thrusters       | 2 x Kawasaki 800 kW / 11 t, electric-driven |
| Stern Thrusters     | 2 x Kawasaki 670 kW / 8 t, electric-driven  |
| Propellers          | 2 x CPP in fixed nozzles                    |

### Deck & Anchor Handling Equipment

| Item            | Detail                               |
|-----------------|--------------------------------------|
| Tow / A-H Winch | Rolls-Royce waterfall                |
| Stall Pull      | 250 t                                |
| Brake Holding   | 300 t                                |
| Drum Capacities | 1,500 m x Ø 64 mm (tow, A-H & spare) |
| Tugger Winches  | 2 x 10 t @ 21 m min <sup>-1</sup>    |
| Capstans        | 2 x 10 t @ 16 m min <sup>-1</sup>    |
| Shark Jaws      | 2 x Karmfork, 300 t SWL              |
| Towing Pins     | 2 x 300 t SWL                        |
| Stern Roller    | 6.0 m x 2.6 m, 300 t SWL             |
| Deck Crane      | 3 t SWL @ 10 m outreach              |

### Mooring Equipment

| Item         | Detail                           |
|--------------|----------------------------------|
| Anchor       | 2 x 2,295 kg stockless           |
| Anchor Chain | 2 x 495 m x Ø 44 mm              |
| Windlass     | 2 x 9 t @ 12 m min <sup>-1</sup> |

### Accommodation

| Item            | Detail |
|-----------------|--------|
| Single Cabins   | 6      |
| Double Cabins   | 7      |
| 4-Person Cabins | 10     |
| Total Berths    | 60     |
| Hospital        | 1 bed  |

### Performance

| Mode          | Consumption                            | Speed |
|---------------|----------------------------------------|-------|
| Max Speed     | ≈ 22 m <sup>3</sup> day <sup>-1</sup>  | 13 kn |
| Service Speed | ≈ 16 m <sup>3</sup> day <sup>-1</sup>  | 10 kn |
| Towing        | ≈ 20 m <sup>3</sup> day <sup>-1</sup>  | —     |
| Stand-by      | ≈ 1.2 m <sup>3</sup> day <sup>-1</sup> | —     |

\* subject to actual weather and operating conditions

### Tank Capacities

| Tank                 | Capacity               | Discharge Rate                                      |
|----------------------|------------------------|-----------------------------------------------------|
| Fuel Oil             | 1,464 m <sup>3</sup> * | 2 x 150 m <sup>3</sup> hr <sup>-1</sup> @ 80 m head |
| Potable Water        | 610 m <sup>3</sup>     | 1 x 150 m <sup>3</sup> hr <sup>-1</sup> @ 80 m head |
| Drill Water          | 1,214 m <sup>3</sup>   | 1 x 150 m <sup>3</sup> hr <sup>-1</sup> @ 80 m head |
| Liquid Mud/Brine/ORO | 162 m <sup>3</sup> **  | 2 x 100 m <sup>3</sup> hr <sup>-1</sup> @ 5 bar     |
| Dry Bulk             | 230 m <sup>3</sup>     | 40 m <sup>3</sup> hr <sup>-1</sup> @ 60 m head      |
| Foam                 | 19.5 m <sup>3</sup>    | —                                                   |
| Dispersant           | 19.5 m <sup>3</sup>    | —                                                   |

\* includes 229.8 m<sup>3</sup> former rig-chain-locker tank and ~472 m<sup>3</sup> converted from liquid-mud black

\*\* residual dedicated volume after fuel-oil conversion

### Cargo Deck

| Item            | Detail                |
|-----------------|-----------------------|
| Clear Deck Area | 470 m <sup>2</sup>    |
| Deck Dimensions | 31 m x 15.2 m         |
| Deck Capacity   | 800 t                 |
| Deck Strength   | 7.5 t m <sup>-2</sup> |

### Dynamic Positioning (DP) & Navigation Equipment

| Item                | Detail                    |
|---------------------|---------------------------|
| Dynamic Positioning | Kongsberg DPS-2           |
| Radar No. 1         | X-Band radar              |
| Radar No. 2         | S-Band radar              |
| GPS                 | GPS plotter               |
| Echo Sounder        | Navigational echo-sounder |
| Auto-pilot          | Auto-pilot system         |
| Gyro Compass        | 3 x gyro compass          |
| Magnetic Compass    | 1 x magnetic compass      |

### Communications Equipment

| Item               | Detail                     |
|--------------------|----------------------------|
| HF Radio           | Furuno RC-1800T            |
| VHF Radio          | Furuno FM-8800S            |
| Portable VHF Radio | 3 x McMurdo R2 GMDSS       |
| Satellite EPIRB    | McMurdo SMARTFIND E5       |
| Navtex Receiver    | Furuno NX-700A (GMDSS)     |
| SART               | 2 x McMurdo S4 Rescue SART |
| AIS                | Furuno FA-150              |
| E-RFMS             | Ascenz Marorka             |

### Fire-fighting & Rescue

| Item                 | Detail                                    |
|----------------------|-------------------------------------------|
| Fire-fighting System | Fifi-1                                    |
| Fifi Pumps           | 2 x 1,200 m <sup>3</sup> hr <sup>-1</sup> |
| Fifi Monitors        | 2 x 1,200 m <sup>3</sup> hr <sup>-1</sup> |
| Spray Booms          | 2 x 6 m                                   |
| Rescue Boat          | 1 x 6-man, diesel 25 hp OBM               |

