### Vessel Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement 1</th>
<th>Measurement 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length, Overall:</td>
<td>206.7 ft</td>
<td>63 m</td>
</tr>
<tr>
<td>Beam:</td>
<td>49.2 ft</td>
<td>15 m</td>
</tr>
<tr>
<td>Depth:</td>
<td>20 ft</td>
<td>6.1 m</td>
</tr>
<tr>
<td>Maximum Draft:</td>
<td>17.1 ft</td>
<td>5.2 m</td>
</tr>
<tr>
<td>Minimum Height:</td>
<td>80.7 ft</td>
<td>24.6 m</td>
</tr>
<tr>
<td>Freeboard:</td>
<td>3 ft</td>
<td>0.9 m</td>
</tr>
<tr>
<td>Displacement:</td>
<td>3,290 lt</td>
<td>3,340 mt</td>
</tr>
<tr>
<td>Deadweight:</td>
<td>1,600 lt</td>
<td>1,630 mt</td>
</tr>
<tr>
<td>Clear Deck Space:</td>
<td>100 x 40 ft</td>
<td>30.6 x 12.1 m</td>
</tr>
<tr>
<td>Clear Deck Area:</td>
<td>3,980 ft²</td>
<td>370 m²</td>
</tr>
<tr>
<td>Deck Strength:</td>
<td>1,540 lb/ft²</td>
<td>7.5 t/m²</td>
</tr>
</tbody>
</table>

**Class Notations:**
- ABS: +A1, FFV-1, (E), +AMS, +ACCU, +DPS-2, TOWING VESSEL, OSV

**Last update:** 8/2/2016
**Deckwater ORTALANO TIDE**

**Capacities**

| Deck Cargo: | 590 ft | 600 t |
| Fuel Oil: | 150,000 gal | 570 m³ |
| Potable Water: | 45,400 gal | 170 m³ |
| Fresh Water: | 74,600 gal | 280 m³ |
| Drill/Ballast Water: | 108,000 gal | 410 m³ |
| Bulk Tanks (4 tanks): | 6,000 ft³ | 170 m³ |
| Liquid Mud (21 lbs/gal): | 2,570 bbl | 410 m³ |
| Oil Dispersant: | 3,570 gal | 13.5 m³ |
| Fire Fighting Foam: | 2,150 gal | 8.1 m³ |

**Machinery**

- **Main Engines (2):** MAK 8M 25
  - **Total HP:** 7,080
- **Propellers (2):** 2.8 m DIA CPP 4 BLADE
- **Kort Nozzles:** 2
- **Primary Generators (2):** 370 kw 440 v 60 Hz
  - **Driven by:** CAT 3408
- **Secondary Generators (2):** 1,200 kw 440 v 60 Hz
  - **Driven by:** MAIN ENGINES
- **Emergency Generators (1):** 94 kw 440 v 60 Hz
  - **Driven by:** CAT C4.5
- **Bow Thruster (2):** KAWASAKI KT-55B3 TUNNEL
  - **Driven by:** 400 KW ELECTRIC MOTOR
  - **Total Thrust:** 13.4 st 12.2 mt
- **Stern Thruster (1):** KAWASAKI KT-55B3 TUNNEL
  - **Driven by:** 400 KW ELECTRIC MOTOR
  - **Total Thrust:** 6.7 st 6.1 mt

**Performance**

- **Fuel Consumption Vs Speed**
  - **Maximum:** 24 m³/day (270 gph) @ 13.5 knots
  - **Cruising:** 10 m³/day (120 gph) @ 10 knots
  - **Economical:** 7.6 m³/day (84 gph) @ 8 knots
  - **Standby:** 1.9 m³/day (21 gph) @ 0 knots
  - **Range @ 10 Knots:** 13,000 nm
- **Bollard Pull:** 92.6 st 84 mt

**Machinery**

- **Transfer Rates**
  - **Fuel Oil:** 550 gpm @ 250 ft 120 m³/h @ 75 m
  - **Fresh Water:** 550 gpm @ 250 ft 120 m³/h @ 75 m
  - **Drill/Ballast Water:** 550 gpm @ 250 ft 120 m³/h @ 75 m
  - **Bulk:** 25 cfm @ 190 ft 42.5 m³/h @ 57 m
  - **Liquid Mud:** 440 gpm @ 260 ft 100 m³/h @ 80 m

**Winch:**
- **RR - BRATTVAA (250T BRAKE)**
- **Model:** SL 200WX-B2T
- **Line Pull:** 200 mt
- **Tow Wire:** 1,400 m of 58 mm
- **Work Wire:** 1,400 m of 58 mm
- **Pennant Reels:** 1,500 m of 58 mm
- **Shark Reels:** KARM FORK 200 MT SWL
- **Tow Pins:** KARMOY 200 MT SWL

**Special Equip., Accommodations**

- **No of Berths:** 32
  - 1-man cabins: 4
  - 2-man cabins: 6
  - 4-man cabins: 4
- **Certified to Carry:** 32
- **Galley seating:** 24
- **Hospital:** Yes

**Tonnage (ITC):**
- 1815 GT 544 NT

**Registration**

- **Flag:** VANUATU
- **IMO No.:** 9443982
- **Year Built:** 2009
- **Builder:** LABROY SHIPBUILDING & ENG
- **Call Sign:** YJK6
- **Tonnage (ITC):** 1815 GT 544 NT

**NOTICE:** The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company’s equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein.