<table>
<thead>
<tr>
<th>Vessel Characteristics</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Length, Overall:</td>
<td>194.3 ft</td>
<td>59.3 m</td>
</tr>
<tr>
<td>Beam:</td>
<td>49 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>16.3 ft</td>
<td>5 m</td>
</tr>
<tr>
<td>Minimum Height:</td>
<td>77.8 ft</td>
<td>23.7 m</td>
</tr>
<tr>
<td>Freeboard:</td>
<td>3.7 ft</td>
<td>1.1 m</td>
</tr>
<tr>
<td>Displacement:</td>
<td>2,840 lt</td>
<td>2,880 mt</td>
</tr>
<tr>
<td>Deadweight:</td>
<td>1,310 lt</td>
<td>1,330 mt</td>
</tr>
<tr>
<td>Clear Deck Space:</td>
<td>90 x 41 ft</td>
<td>27.4 x 12.4 m</td>
</tr>
<tr>
<td>Clear Deck Area:</td>
<td>3,660 ft²</td>
<td>340 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, (E), Towing Vessel, OSV, FFV-1, +AMS, +DPS-1
**Capacities**

<table>
<thead>
<tr>
<th>Deck Cargo</th>
<th>490 ft</th>
<th>500 t</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Oil</td>
<td>131,000 gal</td>
<td>500 m³</td>
</tr>
<tr>
<td>Potable Water</td>
<td>22,600 gal</td>
<td>85.6 m³</td>
</tr>
<tr>
<td>Fresh Water</td>
<td>72,600 gal</td>
<td>270 m³</td>
</tr>
<tr>
<td>Drill/Ballast Water</td>
<td>106,000 gal</td>
<td>400 m³</td>
</tr>
<tr>
<td>Bulk Tanks (4 tanks)</td>
<td>6,600 ft³</td>
<td>190 m³</td>
</tr>
<tr>
<td>Liquid Mud (21 lbs/gal)</td>
<td>2,380 bbl</td>
<td>380 m³</td>
</tr>
<tr>
<td>Oil Dispersant</td>
<td>3,520 gal</td>
<td>13.3 m³</td>
</tr>
<tr>
<td>Fire Fighting Foam</td>
<td>3,520 gal</td>
<td>13.3 m³</td>
</tr>
</tbody>
</table>

**Machinery**

- **Main Engines (2):** CAT 3516B-HD
  - Total HP: 5,150
- **Propellers (2):** KH680 4 Blade CPP
- **Kort Nozzles:** 2
- **Primary Generators (4):** 350 kw 410 v 50 hz
  - Driven by: CAT C18
- **Emergency Generators (1):** 65 kw 410 v 50 hz
  - Driven by: CAT C4.4
- **Bow Thruster (2):** Kawasaki KT-52B3 CPP
  - Driven by: 395kW Electric Motor
  - Total Thrust: 13.2 st 12 mt

**Nav/Comms Equip.**

- **Anchors (2):** 2891 lbs HHP STOCKLESS
- **Anchor Chain:** 220 m of 36 mm chain per side
- **Capstans (2):** 5 t Plimsoll (15min)
- **Tugger (2):** 10 t Plimsoll (15min)
- **Radar(s):** 2
- **Depth Sounder:** 1
- **Gyro Compass:** 2
- **Doppler Log:** 1
- **Radio:** 2 x VHF; 1 x SSB
- **Sat Com:** 1 x Inmarsat-C

**Deck. Equip.**

- **Winch:** Plimsoll (6m/min)
- **Model:** Electro-Hydraulic w/200t Brake
- **Line Pull:** 150 mt
- **Tow Wire:** 1000 m of 56 mm
- **Work Wire:** 1000 m of 56 mm
- **Pennant Reels (1):** 1000 m of 56 mm
- **Shark Jaw:** Plimsoll 200 MT KARM FORK
- **Tow PIns:** Plimsoll 200 MT (1 set)
- **Stern Roller:** 4.4m x 1.6m; 200 mt SWL

**Accommodations**

- **No of Berths:** 42
  - 1-man cabins: 4
  - 2-man cabins: 3
  - 4-man cabins: 8
  - Certified to Carry: 42
  - Galley seating: 30
  - Hospital: Yes

**Special Equip.**

- **Flag:** VANUATU
- **IMO No.:** 9578464
- **Year Built:** 2010
- **Builder:** FUJIAN SOUTHEAST SHIPYARD
- **Call Sign:** YJQH2
- **Tonnage (ITC):** 1678 GT 503 NT

**Performance**

- **Fuel Consumption Vs Speed**
  - Maximum: 21 m³/day (230 gph) @ 13 knots
  - Cruising: 16 m³/day (180 gph) @ 10 knots
  - Economical: 12 m³/day (130 gph) @ 8 knots
  - Standby: 2.2 m³/day (24.2 gph) @ 0 knots
- **Range @ 10 Knots:** 7,440 nm
- **Bollard Pull:** 68.3 st 62 mt

**Transfer Rates**

- **Fuel Oil:** 660 gpm @ 250 ft 150 m³/h @ 75 m
- **Fresh Water:** 550 gpm @ 250 ft 120 m³/h @ 75 m
- **Drill/Ballast Water:** 440 gpm @ 250 ft 100 m³/h @ 75 m
- **Bulk:** 28 cfm @ 190 ft 47.6 m³/h @ 57 m
- **Liquid Mud:** 310 gpm @ 280 ft 70 m³/h @ 85 m

**Registration**

- **Flag:** VANUATU
- **IMO No.:** 9578464
- **Year Built:** 2010
- **Builder:** FUJIAN SOUTHEAST SHIPYARD
- **Call Sign:** YJQH2
- **Tonnage (ITC):** 1678 GT 503 NT

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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.