## 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>197 ft</td>
<td>60.1 m</td>
</tr>
<tr>
<td>Beam</td>
<td>52.5 ft</td>
<td>16 m</td>
</tr>
<tr>
<td>Depth</td>
<td>19.7 ft</td>
<td>6 m</td>
</tr>
<tr>
<td>Maximum Draft</td>
<td>16.7 ft</td>
<td>5.1 m</td>
</tr>
<tr>
<td>Minimum Height</td>
<td>81.4 ft</td>
<td>24.8 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>3,350 mt</td>
</tr>
<tr>
<td>Deadweight</td>
<td>1,780 lt</td>
<td>1,810 mt</td>
</tr>
<tr>
<td>Clear Deck Space</td>
<td>99 x 43 ft</td>
<td>30.1 x 13.1 m</td>
</tr>
<tr>
<td>Clear Deck Area</td>
<td>4,230 ft²</td>
<td>390 m²</td>
</tr>
<tr>
<td>Deck Strength</td>
<td>1,020 lb/ft²</td>
<td>5 t/m²</td>
</tr>
</tbody>
</table>

Class Notations:
ABS: +A1, FFV-1, TOWING VESSEL, OSV AH, (E), +AMS, +DPS-1
**Deckwater Instone Tide**

### Capacities

<table>
<thead>
<tr>
<th>Deck Cargo:</th>
<th>790 t</th>
<th>800 t</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Oil:</td>
<td>134,000 gal</td>
<td>510 m³</td>
</tr>
<tr>
<td>Potable Water:</td>
<td>42,600 gal</td>
<td>160 m³</td>
</tr>
<tr>
<td>Fresh Water:</td>
<td>42,300 gal</td>
<td>160 m³</td>
</tr>
<tr>
<td>Drill/Ballast Water:</td>
<td>152,000 gal</td>
<td>570 m³</td>
</tr>
<tr>
<td>Bulk Tanks (4 tanks):</td>
<td>6,000 ft³</td>
<td>170 m³</td>
</tr>
<tr>
<td>Liquid Mud (21 lbs/gal):</td>
<td>3,050 bbl</td>
<td>480 m³</td>
</tr>
<tr>
<td>Oil Dispersant:</td>
<td>2,110 gal</td>
<td>8 m³</td>
</tr>
<tr>
<td>Fire Fighting Foam:</td>
<td>2,110 gal</td>
<td>8 m³</td>
</tr>
</tbody>
</table>

### Deck, Equip. & Nav/Comms Equip.

- **Winch:**
  - Model: WATER FALL DD
  - Line Pull: 150 mt
  - Tow Wire: 3,280 m of 2.3 mm
  - Work Wire: 3,280 m of 2.3 mm
  - Pennant Reels (1): 1000 m of 58 mm
  - Shark Jaw: 300T SWL KARM FORK
  - Tow Pins: KARMOY 200T SWL
  - Stern Roller: 11.5ft x 4.9ft; 180 mt SWL

- **Radar:**
  - 2

- **Depth Sounder:**
  - 1

- **Gyro Compass:**
  - 2

- **Doppler Log:**
  - 1

- **Radio:**
  - 3 x VHF; 1 x SSB
  - Sat Com: SAT C GMDSS

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  - 2

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### Special Equip.

- **Anchors (2):** 3505 lbs HHP
- **Anchor Chain:** 440 m of 40 mm chain per side
- **Crane:** 5 t @ 8 m
- **Capstans (2):** 5 t PLIMSOLL HVC-05/380-S
- **Tugger (2):** 15 t PLIMSOLL HUV/15UR-380S

### Machinery

- **Main Engines (2):** NIIGATA 6MG28HX
  - Total HP: 5,000
- **Propellers (2):** KAMOME CPP
- **Kort Nozzles:** 2
- **Primary Generators (2):**
  - 320 kw
  - 440 v
  - 60 hz
  - Driven by: CAT 3406 DITA
- **Secondary Generators (2):**
  - 750 kw
  - 440 v
  - 60 hz
  - Driven by: MAIN ENGINES
- **Emergency Generators (1):**
  - 72 kw
  - 440 v
  - 60 hz
  - Driven by: CAT C4.4
- **Bow Thruster (1):** KAMOME TCB-90DHN
  - Driven by: 506kW Electric Motor
  - Total Thrust: 8.5 st 7.7 mt
- **Stern Thruster (1):** KAMOME TCB-90DHN
  - Driven by: 506kW Electric Motor
  - Total Thrust: 8.5 st 7.7 mt

### Accommodations

- **No of Berths:** 26
  - 1-man cabins: 4
  - 2-man cabins: 5
  - 4-man cabins: 3

- **Certified to Carry:**
  - 26

- **Galley seating:**
  - 24

- **Hospital:**
  - Yes

### Registration

- **Flag:** VANUATU
- **IMO No:** 9422885
- **Year Built:** 2008
- **Builder:** ASL SHIPYARD
- **Call Sign:** YJVL3
- **Tonnage (ITC):** 1713 GT 514 NT

### Performance

<table>
<thead>
<tr>
<th>Fuel Consumption Vs Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum: 20 m³/day (210 gph) @ 12.5 knots</td>
</tr>
<tr>
<td>Cruising: 15 m³/day (160 gph) @ 10 knots</td>
</tr>
<tr>
<td>Economical: 10 m³/day (110 gph) @ 8 knots</td>
</tr>
<tr>
<td>Standby: 1.9 m³/day (21 gph) @ 0 knots</td>
</tr>
<tr>
<td>Range @ 10 Knots: 8,330 nm</td>
</tr>
<tr>
<td>Bollard Pull: 68.1 st 61.8 mt</td>
</tr>
</tbody>
</table>

### Transfer Rates

| Fuel Oil: | 440 gpm @ 250 ft | 100 m³/h @ 75 m |
| Fresh Water: | 440 gpm @ 250 ft | 100 m³/h @ 75 m |
| Drill/Ballast Water: | 440 gpm @ 250 ft | 100 m³/h @ 75 m |
| Bulk: | 25 cfm @ 190 ft | 42.5 m³/h @ 57 m |
| Liquid Mud: | 260 gpm @ 250 ft | 60 m³/h @ 75 m |

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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.