### Vessel Characteristics

<table>
<thead>
<tr>
<th>Specification</th>
<th>246 ft</th>
<th>75 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length, Overall:</td>
<td>246 ft</td>
<td>75 m</td>
</tr>
<tr>
<td>Beam:</td>
<td>56.6 ft</td>
<td>17.3 m</td>
</tr>
<tr>
<td>Depth:</td>
<td>26.2 ft</td>
<td>8 m</td>
</tr>
<tr>
<td>Maximum Draft:</td>
<td>21.3 ft</td>
<td>6.5 m</td>
</tr>
<tr>
<td>Light Draft:</td>
<td>11.2 ft</td>
<td>3.4 m</td>
</tr>
<tr>
<td>Minimum Height:</td>
<td>87.6 ft</td>
<td>26.7 m</td>
</tr>
<tr>
<td>Displacement:</td>
<td>5,510 lt</td>
<td>5,600 mt</td>
</tr>
<tr>
<td>Deadweight:</td>
<td>3,210 lt</td>
<td>3,260 mt</td>
</tr>
<tr>
<td>Clear Deck Space:</td>
<td>151 x 47 ft</td>
<td>46 x 14.4 m</td>
</tr>
<tr>
<td>Clear Deck Area:</td>
<td>6,840 ft²</td>
<td>640 m²</td>
</tr>
<tr>
<td>Deck Strength:</td>
<td>1,130 lb/ft²</td>
<td>5.5 t/m²</td>
</tr>
</tbody>
</table>

**Class Notations:**

- ABS: +A1, (E), Offshore Support, FFV-1, +AMS, +ACCU, +DPS-2
### Capacities

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Volume 1</th>
<th>Volume 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deck Cargo</td>
<td>1,180 lt</td>
<td>1,200 t</td>
</tr>
<tr>
<td>Fuel Oil</td>
<td>260,000 gal</td>
<td>980 m³</td>
</tr>
<tr>
<td>Potable Water</td>
<td>31,100 gal</td>
<td>120 m³</td>
</tr>
<tr>
<td>Fresh Water</td>
<td>111,000 gal</td>
<td>420 m³</td>
</tr>
<tr>
<td>Drill/Ballast Water</td>
<td>426,000 gal</td>
<td>1,610 m³</td>
</tr>
<tr>
<td>Bulk Tanks (4 tanks)</td>
<td>7,850 ft³</td>
<td>220 m³</td>
</tr>
<tr>
<td>Liquid Mud (21 lbs/gal)</td>
<td>3,920 bbl</td>
<td>620 m³</td>
</tr>
<tr>
<td>Oil Dispersant</td>
<td>3,330 gal</td>
<td>12.6 m³</td>
</tr>
<tr>
<td>Fire Fighting Foam</td>
<td>3,330 gal</td>
<td>12.6 m³</td>
</tr>
</tbody>
</table>

### Performance

<table>
<thead>
<tr>
<th>Fuel Consumption Vs Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum</td>
</tr>
<tr>
<td>Cruising</td>
</tr>
<tr>
<td>Economical</td>
</tr>
</tbody>
</table>

### Range @ 8 Knots

13,900 nm

### Transfer Rates

<table>
<thead>
<tr>
<th>Transfer Type</th>
<th>Rate 1</th>
<th>Rate 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Oil</td>
<td>660 gpm @ 260 ft</td>
<td>150 m³/h @ 80 m</td>
</tr>
<tr>
<td>Fresh Water</td>
<td>440 gpm @ 280 ft</td>
<td>100 m³/h @ 85 m</td>
</tr>
<tr>
<td>Drill/Ballast Water</td>
<td>440 gpm @ 260 ft</td>
<td>100 m³/h @ 80 m</td>
</tr>
<tr>
<td>Bulk</td>
<td>33 cfm @ 200 ft</td>
<td>56 m³/h @ 60 m</td>
</tr>
<tr>
<td>Liquid Mud</td>
<td>330 gpm @ 290 ft</td>
<td>75 m³/h @ 90 m</td>
</tr>
</tbody>
</table>

### Main Engines

- Total HP: 6,000
- Z-Drives: Yes
- Propellers (2): NIIGATA ZP-41, Fixed
- Primary Generators (3): 450 kw, 410 v, 50 Hz
- Driven by: CAT C18
- Secondary Generators: 1000 kw, 410 v, 50 Hz
- Driven by: Shaft
- Emergency Generators (1): 80 kw, 410 v, 50 Hz
- Driven by: CAT C4.4
- Bow Thruster (2): Kawasaki KT-8883 CPP
- Driven by: 650 kw Electric Motor
- Total Thrust: 21.8 st, 19.8 mt

### Radar(s)

- 2
- Depth Sounder: 1
- Gyro Compass: 3
- Doppler Log: 1
- Radio: 2 x VHF

### Firefighting

- FIFI-1

### Dynamic Positioning

- Kongsberg DPS-2

### Ref. Systems

- 3 x MRU; 2 x DGPS
  - 1 x Laser-based; 1 x Radar-based

### Mud Recirculation

- Yes

### Mud Mixers

- Yes

### Reefer Sockets

- 1x415V 63A, 5x415V 32A, 2x220V 32A

### Accommodations

- Nº of Berths: 50
- 1-man cabins: 10
- 2-man cabins: 20
- Certified to Carry: 50
- Hospital: Yes
General Arrangement (Current configuration may vary.)

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**Capacity Table**

<table>
<thead>
<tr>
<th>Tank</th>
<th>Contents</th>
<th>Volume [m³]</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP DW/WB Tk C</td>
<td>DW/WB</td>
<td>100.5</td>
</tr>
<tr>
<td>NO.1 DB DW/BW C</td>
<td>DW/WB</td>
<td>83.4</td>
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<tr>
<td>NO.2 DW/BW P</td>
<td>DW/WB</td>
<td>79.9</td>
</tr>
<tr>
<td>NO.2 DW/BW S</td>
<td>DW/WB</td>
<td>79.9</td>
</tr>
<tr>
<td>NO.3 DB DW/BW P</td>
<td>DW/WB</td>
<td>43.3</td>
</tr>
<tr>
<td>NO.3 DB DW/BW S</td>
<td>DW/WB</td>
<td>43.3</td>
</tr>
<tr>
<td>NO.4 DW/BW P</td>
<td>DW/WB</td>
<td>103.7</td>
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<tr>
<td>NO.4 DW/BW S</td>
<td>DW/WB</td>
<td>95.3</td>
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<tr>
<td>NO.5 DW/BW P</td>
<td>DW/WB</td>
<td>28.6</td>
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<tr>
<td>NO.5 DW/BW S</td>
<td>DW/WB</td>
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<tr>
<td>NO.6 DW/BW P</td>
<td>DW/WB</td>
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<tr>
<td>NO.6 DW/BW S</td>
<td>DW/WB</td>
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<tr>
<td>NO.7 DB DW/BW C</td>
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<tr>
<td>NO.8 DW/BW P</td>
<td>DW/WB</td>
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<tr>
<td>NO.8 DW/BW S</td>
<td>DW/WB</td>
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<tr>
<td>NO.9 DB DW/BW C</td>
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<td>DW/WB</td>
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<td>NO.10 DW/BW S</td>
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<td>NO.11 DB DW/BW C</td>
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<td>NO.12 DW/BW P</td>
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<td>NO.12 DW/BW S</td>
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<tr>
<td>No.13 AP DW/WB Tk C</td>
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<td>No.14 AP DW/WB Tk P</td>
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<td>No.1 FW Tk P</td>
<td>Ship’s FW</td>
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</tr>
<tr>
<td>No.1 FW Tk S</td>
<td>Ship’s FW</td>
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</tr>
<tr>
<td>No.2 FW Tk P</td>
<td>FW</td>
<td>132.7</td>
</tr>
<tr>
<td>No.2 FW Tk S</td>
<td>FW</td>
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</tr>
<tr>
<td>No.3 DB FW Tk C</td>
<td>FW</td>
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<tr>
<td>No.4 FW Tk P</td>
<td>FW</td>
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<td>No.4 FW Tk S</td>
<td>FW</td>
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<tr>
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<tr>
<td>NO.2 FO Tk P</td>
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<tr>
<td>NO.2 FO Tk S</td>
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<tr>
<td>NO.3 FO Tk P</td>
<td>FO</td>
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<tr>
<td>NO.5 FO Tk S</td>
<td>FO</td>
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<tr>
<td>NO.6 FO Tk C</td>
<td>FO</td>
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<tr>
<td>FO Day Tank P</td>
<td>FO</td>
<td>24.1</td>
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<td>FO Day Tank S</td>
<td>FO</td>
<td>24.1</td>
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<tr>
<td>FO Overflow Tk C</td>
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<td>17.5</td>
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<td>Lube Oil Tk P</td>
<td>LO</td>
<td>5.8</td>
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<td>Lube Oil Tk S</td>
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<td>No. 1 LM Tk P</td>
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</tr>
<tr>
<td>No. 1 LM Tk S</td>
<td>LM/BR</td>
<td>184.2</td>
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<tr>
<td>No. 2 LM Tk P</td>
<td>LM/BR</td>
<td>127.8</td>
</tr>
<tr>
<td>No. 2 LM Tk S</td>
<td>LM/BR</td>
<td>127.8</td>
</tr>
<tr>
<td>NO.1 Dry Bulk</td>
<td>Dry Bulk</td>
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</tr>
<tr>
<td>NO.2 Dry Bulk</td>
<td>Dry Bulk</td>
<td>58.0</td>
</tr>
<tr>
<td>NO.3 Dry Bulk</td>
<td>Dry Bulk</td>
<td>58.0</td>
</tr>
<tr>
<td>NO.4 Dry Bulk</td>
<td>Dry Bulk</td>
<td>48.3</td>
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<tr>
<td>Foam Tk</td>
<td>Foam</td>
<td>12.6</td>
</tr>
<tr>
<td>Detergent Disp.</td>
<td></td>
<td>12.6</td>
</tr>
</tbody>
</table>

| Total Volume [m³]     | 0.0  | 1,049.8 | 222.3 | 1,611.6 | 117.6 | 421.5 | 0.0  | 624.0 | 0.0  | 18.6 | 12.6 | 12.6 |

Spec Sheet Total Volume [m³] | 0.0  | 984.1  | 222.3 | 1,611.6 | 117.6 | 421.5 | 0.0  | 624.0 | 0.0  | 18.6 | 12.6 | 12.6 |

**Footnotes:**

*Capacities shown are for lead vessel. Actual capacities may vary slightly.*

*Capacities shown in RED are excluded from the total volume.*

*Capacities shown in BLUE are included in another Tank's Capacity.*

*Capacities shown in GREEN are counted for multiple Tank Capacities.*

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