### Vessel Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length, Overall:</td>
<td>280.5 ft, 85.5 m</td>
</tr>
<tr>
<td>Beam:</td>
<td>69 ft, 21 m</td>
</tr>
<tr>
<td>Depth:</td>
<td>26.2 ft, 8 m</td>
</tr>
<tr>
<td>Maximum Draft:</td>
<td>22.3 ft, 6.8 m</td>
</tr>
<tr>
<td>Minimum Height:</td>
<td>100 ft, 31.5 m</td>
</tr>
<tr>
<td>Freeboard:</td>
<td>4 ft, 1.2 m</td>
</tr>
<tr>
<td>Displacement:</td>
<td>8,080 lt, 8,210 mt</td>
</tr>
<tr>
<td>Deadweight:</td>
<td>2,950 lt, 3,000 mt</td>
</tr>
<tr>
<td>Clear Deck Space:</td>
<td>130 x 58 ft, 40.7 x 17.6 m</td>
</tr>
<tr>
<td>Clear Deck Area:</td>
<td>7,200 ft², 670 m²</td>
</tr>
<tr>
<td>Deck Strength:</td>
<td>2,050 lb/ft², 10 t/m²</td>
</tr>
</tbody>
</table>

### Class Notations:

- ABS: +A1, +AMS, TOWING VESSEL, OSV, AH, +DPS-2, +ACCU, FFV-1
### Deck Cargo
- No of Berths: 50
- 1-man cabins: 14
- 2-man cabins: 18
- Certified to Carry: 50
- Hospital: Yes

### Fuel Consumption Vs Speed
- **Maximum:** 54 m³/day (590 gph) @ 15 knots
- **Cruising:** 23 m³/day (250 gph) @ 13 knots
- **Economical:** 8.8 m³/day (100 gph) @ 9 knots
- **Standby:** 0.9 m³/day (10 gph) @ 0 knots

### Range @ 13 Knots:
- 17,400 nm

### Bollard Pull:
- 230 st

### Transfer Rates:
- **Fuel Oil:** 660 gpm @ 330 ft
- **Fresh Water:** 660 gpm @ 330 ft
- **Drill/Ballast Water:** 660 gpm @ 330 ft
- **Bulk:** 46.5 cfm @ 200 ft
- **Liquid Mud:** 660 gpm @ 400 ft

### Deck Equip.
- **Winch:** Brattvaag Dbl Drum (700T Brake) w/ Secondary Winch (150T)
  - Model: SL600WX/BSL600WX
  - Line Pull: 600 ft
  - Tow Wire: 5,800 m of 83 mm
  - Work Wire: 5,800 m of 83 mm
  - Pennant Reels (2): 3,400 m of 83 mm

### Tow/Anchor Handling
- **Shark Jaw:** 4 Karmfork 750MT
- **Tow Pins:** 3 Karmfork 240MT
- **Chain Lockers (4):** 4,110 m of 83 mm chain
- **Chain Handler:** Minimum 2 x 84mm
- **Stern Roller:** Rolls Royce, 3 Part, 13' Dia x 30.5'; 750 mt SWL

### Main Engines (4):
- **EMD 16-265H7**
  - **Total HP:** 24,000

### Propellers (2):
- **FIXED PITCH**

### Kort Nozzles:
- 2

### Primary Generators (4):
- 4,300 kw
- 4,160 v
- 60 hz
  - Driven by: EMD 16-265H7

### Secondary Generators (1):
- 350 kw
- 480 v
- 60 hz
  - Driven by: CAT 3408 DITA

### Emergency Generators (1):
- 99 kw
- 480 v
- 60 hz
  - Driven by: CAT 3404 DITA

### Bow Thruster (2):
- Brunvoll 1xTunnel, 1xDrop Down
  - Driven by: 1x831kW, 1x802kW Electric Motor

### Total Thrust:
- 27.3 st
- 24.8 mt

### Stern Thruster (1):
- Brunvoll Tunnel
  - Driven by: 831kW Electric Motor

### Total Thrust:
- 14 st
- 13 mt

### (Approximate values assuming Ideal Conditions)

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### Nav/Comms Equip.
- **Radar(s):** 2
- **Depth Sounder:** 2
- **Gyro Compass:** 3
- **Doppler Log:** 1
- **Radio:** 4 x VHF; 2 x SSB
- **Sat Com:** 1xINMARSAT-C

### Anchors (2):
- 8333 lbs STOCKLESS BOWER
- **Anchor Chain:** 410 m of 48 mm chain per side
- **Capstans (2):** 15 t Rolls Royce CM6315 (22M/MIN)
- **Tugger (2):** 15 t Rolls Royce WM6315 (32M/MIN)

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### Ancillary Systems:
- **Machinery (Approximate values assuming Ideal Conditions):**
  - **Fuel Consumption Vs Speed:**
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    - **Cruising:** 23 m³/day (250 gph) @ 13 knots
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### Capacities
- **No of Berths:** 50
- **1-man cabins:** 14
- **2-man cabins:** 18
- **Certified to Carry:** 50
- **Galley seating:** 30
- **Hospital:** Yes

### Special Equip. Accommodations
- **Firefighting:**
  - FiFi-1
- **Dynamic Positioning:**
  - DP-2 CLASSED
- **Ref. Systems:**
  - 2 x MRU; 2 x DGPS
  - 1 x Laser-based
- **Mud Mixers:**
  - Yes
- **Tank Cleaning:**
  - Yes
- **Rescue Boat:**
  - 6 MAN MOB

### Registration
- **Flag:** Vanuatu
- **IMO No.:** 9259800
- **Year Built:** 2006
- **Call Sign:** YJUC7
- **Builder:** YANTAI RAFFLES
- **Tonnage (ITC):** 4544 GT

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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.