### Vessel Characteristics

- **Length, Overall:** 162 ft (49.4 m)
- **Beam:** 29.5 ft (9 m)
- **Depth:** 12 ft (3.7 m)
- **Maximum Draft:** 9.5 ft (2.9 m)
- **Freeboard:** 3.6 ft (1.1 m)
- **Displacement:** 604 lt (614 mt)
- **Deadweight:** 436 lt (443 mt)
- **Clear Deck Space:** 97 x 24 ft (29.6 x 7.4 m)
- **Clear Deck Area:** 2,360 ft² (220 m²)
- **Deck Strength:** 500 lb/ft² (2.4 t/m²)

**Class Notations:**
- ABS: +A1, HSC Crewboat, AMS
Capacities

- **Deck Cargo:** 309 lt, 314 t
- **Fuel Oil:** 16,600 gal, 62.7 m³
- **Potable Water:** 820 gal, 3.1 m³
- **Fresh Water:** 40,200 gal, 150 m³
- **Drill/Ballast Water:** 8,390 gal, 31.8 m³

Machinery

- **Main Engines (4):** Caterpillar 3512
  - Total HP: 5,780
- **Propellers (4):** 47"X49"
- **Primary Generators (2):** 75 kw, 210 v, 60 hz
  - Driven by: Caterpillar 3306
- **Bow Thruster (1):** Thrust Master 30TT175H-AL
  - Driven by: Caterpillar 3306
- **Total Thrust:** 1.3 st, 1.2 mt

Deck. Equip.

- **Anchors (1):** 190 lbs DANFORTH

Accommodations

- **No. of Berths:** 8
  - 2-man cabins: 4
- **Passenger Seats:** 72
- **Certified to Carry:** 78

Special Equip.

- **Firefighting:** 1 x Fire Monitor

Performance

- (Approximate values assuming Ideal Conditions)
  - **Fuel Consumption Vs Speed**
    - **Maximum:** 25 m³/day (280 gph) @ 25 knots
    - **Cruising:** 21 m³/day (230 gph) @ 20 knots
    - **Economical:** 15 m³/day (160 gph) @ 15 knots
    - **Standby:** 2.7 m³/day (30 gph) @ 0 knots
  - **Range @ 20 Knots:** 1,430 nm
  - **Transfer Rates**
    - **Fuel Oil:** 150 gpm @ 180 ft @ 55 m
    - **Drill/Ballast Water:** 150 gpm @ 180 ft @ 55 m

Nav/Comms Equip.

- **Radar(s):** 2
- **Depth Sounder:** 1
- **Gyro Compass:** 1
- **Satellite Comms:** Mini M
- **Radio:** 2 x VHF; 1 x SSB

Registration

- **Flag:** VANUATU
- **IMO No:** 9307956
- **Year Built:** 2003
- **Builder:** BREAX’S BAY CRAFT
- **Call Sign:** YJVD3
- **Tonnage (ITC):** 341 GT, 102 NT

Capacity Table

<table>
<thead>
<tr>
<th>Tank</th>
<th>Contents</th>
<th>Volume m³</th>
<th>Base Oil</th>
<th>Fuel Oil</th>
<th>Dry Bulk</th>
<th>DW/WB</th>
<th>Potable Water</th>
<th>Fresh Water</th>
<th>Frig</th>
<th>Liquid Mud</th>
<th>Methanol</th>
<th>Lube Oil</th>
<th>Foam</th>
<th>Oil Disp.</th>
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</thead>
<tbody>
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<td>FP Ballast Tk C</td>
<td>DW/WB</td>
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</table>

*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.

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. Fuel consumption figures are historically conservative approximations.