Vessel Characteristics

Length, Overall: 229 ft  69.8 m
Beam: 55.1 ft  16.8 m
Depth: 22.3 ft  6.8 m
Maximum Draft: 19.4 ft  5.9 m
Minimum Height: 84.6 ft  25.8 m
Freeboard: 3 ft  0.9 m
Displacement: 4,960 lt  5,040 mt
Deadweight: 2,280 lt  2,320 mt
Clear Deck Space: 110 x 46 ft  32.2 x 14 m
Clear Deck Area: 4,860 ft²  450 m²
Deck Strength: 1,020 lb/ft²  5 t/m²

Class Notations:
ABS: +A1, (E), OSV, Towing Vessel, AH, FFV-1, +AMS, +DPS-2
### Capacities

- Deck Cargo: 980 ft | 1,000 t
- Fuel Oil: 158,000 gal | 600 m³
- Potable Water: 82,800 gal | 310 m³
- Fresh Water: 254,000 gal | 960 m³
- Drill/Ballast Water: 36,800 gal | 140 m³
- Bulk Tanks (4 tanks): 8,480 ft³ | 240 m³
- Liquid Mud (21 lbs/gal): 3,190 bbl | 510 m³
- Oil Dispersant: 4,620 gal | 17.5 m³
- Fire Fighting Foam: 4,620 gal | 17.5 m³

### Main Engines (2):

- MAK 8M25C
- Total HP: 7,150

### Propellers (2):

- Berg BAT-730 Z-Drives, CPP
- Kort Nozzles: 2

### Primary Generators (4):

- 550 kw | 440 v | 60 hz
- Driven by: Caterpillar C18

### Secondary Generators (2):

- 2,100 kw | 440 v | 60 hz
- Driven by: Main Engines

### Emergency Generators (1):

- 240 kw | 440 v | 60 hz
- Driven by: Caterpillar C9

### Bow Thruster (2):

- Berg BTT 419, Tunnel
- Driven by: 950kW Electric Motor
- Total Thrust: 31.9 st | 28.9 mt

### (Approximate values assuming Ideal Conditions)

#### Fuel Consumption Vs Speed

- Maximum: 30 m³/day (330 gph) @ 14 knots
- Cruising: 22 m³/day (240 gph) @ 10 knots
- Economical: 17 m³/day (190 gph) @ 8 knots
- Standby: 2.3 m³/day (25 gph) @ 0 knots
- Range @ 10 Knots: 6,630 nm
- Bollard Pull: 98.9 st | 89.7 mt

#### Transfer Rates

- Fuel Oil: 660 gpm @ 260 ft | 150 m³/h @ 80 m
- Drill/Ballast Water: 660 gpm @ 260 ft | 150 m³/h @ 80 m
- Bulk: 35.8 cfm @ 200 ft | 70 m³/h @ 61 m
- Liquid Mud: 470 gpm @ 600 ft | 110 m³/h @ 180 m

### Accommodations

- No of Berths: 32
- 1-man cabins: 10
- 2-man cabins: 5
- 4-man cabins: 3
- Certified to Carry: 32
- Hospital: Yes
- Galley seating: 27
- Rescue Boat: MERLIN 615 9-Man FRC

### Machinery

- Propellers: 2
- Kort Nozzles: 2
- Primary Generators: 4
- Secondary Generators: 2
- Emergency Generators: 1
- Bow Thrusters: 2

### Deck Equip.

- Radar(s): 2
- Depth Sounder: 1
- Gyro Compass: 3
- Doppler Log: 1
- Radio: 2 x VHF; 1 x SSB
- Sat Com: Inmarsat C & Iridium

### Special Equip.

- Firefighting: FIFI-1
- Dynamic Positioning: DP-2 CLASSED
- Mud Circulation System: Yes
- Mud Mixers: Yes
- Tank Cleaning: Yes
- Rescue Boat: MERLIN 615 9-Man FRC

### Deck, Equip.

- Anchors (2): 1710kg Stockless AC-14 HHP
- Anchor Chain: 330 m of 36 mm chain per side
- Crane: 4 t @ 14 m
- Capstans (2): 5 t MacGregor HVC-0540 (15m/min)
- Tugger (2): 10 t MacGregor HUW-1040UL (15m/min)

### Nav/Comms Equip.

- Radar(s): 2
- Depth Sounder: 1
- Gyro Compass: 3
- Doppler Log: 1
- Radio: 2 x VHF; 1 x SSB
- Sat Com: Inmarsat C & Iridium

### Registration

- Flag: VANUATU
- IMO No: 9715048
- Year Built: 2016
- Builder: GSHI SHIPYARDS
- Call Sign: YJWB4
- Tonnage (ITC): 2586 GT | 775 NT

### Winch

- MacGregor Reverse Double Drum Waterfall (280T Brake)
- Model: MG-AHTW-1528D10062-6476
- Line Pull: 150 mt
- Tow Wire: 1000 m of 62 mm
- Work Wire: 1000 m of 62 mm
- Pennant Reels (1): 1000 m of 76 mm chain
- Shark Jaw: 300MT SWL, Karmoy
- Tow Pins: 200MT SWL, Karmoy (1 Set)
- Chain Lockers (2): 1,430 m of 76 mm chain
- Chain Handler: 1x76mm, 1x64mm
- Stern Roller: 14.7ft x 6.6ft; 280 mt SWL

### Deck Handling

- Anchors (2): 1710kg Stockless AC-14 HHP
- Anchor Chain: 330 m of 36 mm chain per side
- Crane: 4 t @ 14 m
- Capstans (2): 5 t MacGregor HVC-0540 (15m/min)
- Tugger (2): 10 t MacGregor HUW-1040UL (15m/min)

### Special Equip.

- Firefighting: FIFI-1
- Dynamic Positioning: DP-2 CLASSED
- Mud Circulation System: Yes
- Mud Mixers: Yes
- Tank Cleaning: Yes
- Rescue Boat: MERLIN 615 9-Man FRC

### 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.