GMG 5150 Class Anchor Handling Towing Supply Vessel

Vessel Characteristics

DAVID TIDE II as shown
ROMIC TIDE similar

- **Length, Overall:** 192.5 ft (58.7 m)
- **Beam:** 47.9 ft (14.6 m)
- **Depth:** 18 ft (5.5 m)
- **Maximum Draft:** 15.7 ft (4.8 m)
- **Minimum Height:** 70.2 ft (21.4 m)
- **Freeboard:** 2.3 ft (0.7 m)
- **Displacement:** 2,760 lt (2,810 mt)
- **Deadweight:** 1,350 lt (1,370 mt)
- **Clear Deck Space:** 96 x 41 ft (29.3 x 12.4 m)
- **Clear Deck Area:** 3,820 ft² (350 m²)
- **Deck Strength:** 1,430 lb/ft² (7 t/m²)

Class Notations:
ABS: +A1, (E), OSV, FFV-1, +AMS, TOWING VESSEL
### Deck Cargo:

- 490 ft, 500 t

### Fuel Oil:
- 120,000 gal, 450 m³

### Potable Water:
- 19,300 gal, 73.1 m³

### Fresh Water:
- 40,000 gal, 150 m³

### Drill/Ballast Water:
- 118,000 gal, 450 m³

### Bulk Tanks (4 tanks):
- 6,000 ft³, 170 m³

### Liquid Mud (21 lbs/gal):
- 1,610 bbl, 260 m³

### Oil Dispersant:
- 3,540 gal, 13.4 m³

### Fire Fighting Foam:
- 3,540 gal, 13.4 m³

### Main Engines (2):
- Niigata 6MG28HX
- Total HP: 4,930

### Propellers (2):
- ZF CPP KH4-680, 4 Blade

### Kort Nozzles:
- 2

### Primary Generators (2):
- 310 kw, 410 v, 50 Hz
- Driven by: CAT 3408 DITA

### Secondary Generators (2):
- 600 kw, 410 v, 50 Hz
- Driven by: Shaft

### Emergency Generators (1):
- 65 kw, 410 v, 50 Hz
- Driven by: Genset

### Bow Thruster (1):
- Kawasaki KT-72B1 CPP
- Driven by: 375 kW Electric Motor

### Total Thrust:
- 6.3 st, 5.7 mt

### Fuel Consumption Vs Speed

- **Maximum:** 23 m³/day (250 gph) @ 13.5 knots
- **Cruising:** 19 m³/day (210 gph) @ 10 knots
- **Standby:** 0.5 m³/day (5.5 gph) @ 0 knots
- **Range @ 10 Knots:** 5,630 nm

### Bollard Pull
- 71 st, 64.5 mt

### Transfer Rates

- **Fuel Oil:** 660 gpm @ 250 ft, 150 m³/hr @ 75 m
- **Fresh Water:** 440 gpm @ 250 ft, 100 m³/hr @ 75 m
- **Drill/Ballast Water:** 440 gpm @ 250 ft, 100 m³/hr @ 75 m
- **Bulk:** 25 cfm @ 180 ft, 42.5 m³/hr @ 56 m
- **Liquid Mud:** 310 gpm @ 250 ft, 70 m³/hr @ 75 m

### Winch:
- MENTRADE (200T BRAKE)
  - **Model:** Double Drum, Waterfall
  - **Line Pull:** 150 mt
  - **Tow Wire:** 3,280 m of 2.2 mm
  - **Work Wire:** 3,280 m of 2.2 mm
  - **Pennant Reels (1):** 1000 m of 56 mm
  - **Shark Jaw:** 300MT Karm Fork
  - **Tow Pins:** 160MT
  - **Stern Roller:** 16.4ft x 5.3ft; 200 mt SWL

### Anchor(s):
- 2
- **Anchor Chain:** 220 m of 36 mm chain per side

### Capstans (2):
- 5 t Mentra (15m/min)

### Tugger (2):
- 10 t Mentra (15m/min)

### Radar(s):
- 2

### Depth Sounder:
- 1

### Gyro Compass:
- 2

### Doppler Log:
- 1

### Radio:
- 2 x VHF, 1 x SSB

### Sat Com:
- 1 x INMARSAT-C

### Nº of Berths:
- 42
- 1-man cabins: 2
- 2-man cabins: 4
- 4-man cabins: 8

### Certified to Carry:
- 42

### Galley seating:
- 20

### Hospital:
- Yes

### Firefighting:
- FiFi-1

### Dynamic Positioning:
- DP-1 UNCLASSED

### Ref. Systems:
- 1 x MRU, 2 x DGPS

### Water Maker:
- 5T/Day

### Mud Circulation System:
- Yes

### Rescue Boat:
- 6-Man SOLAS Approved

### Flag:
- VANUATU

### IMO No.:
- 9583548

### Year Built:
- 2010

### Builder:
- GRANDVIEW

### Call Sign:
- YJQR2

### Tonnage (ITC):
- 1529 GT
- 458 NT

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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.