



ATLANTIC RAVEN SPECIFICATION

REGISTRATION

- Built: Orskov, Frederikshavn, Denmark 1999
- Flag: Canadian
- Official Number: 835842
- IMO Number: 9187942
- Call Sign: CFN5827
- Vessel Type: Anchor Handling Tug Supply Vessel
- Classification: DNV
- Main Class: +1A1
- Additional Class: Fi-Fi II, SF, OILREC, ICE-C, EO, DYNPOI-AUTR, DK(+), HL (25)

DIMENSIONS

- Length overall: 75.00 m
- Length B: 64.40 m
- Breadth, moulded: 18.00 m
- Depth, moulded: 8.00 m
- Design draft: 6.00 m
- Maximum draft: 6.60 m
- Gross Tonnage: 2921 t
- Net Tonnage: 931 t
- Deadweight: 3200 t

MACHINERY

- Main Engines: 4 x Bergen Diesel Type BRM-6 (4 x 3600, Total 14400)
- Propellers: 3800 mm in nozzle
- Rudders: 2 Ulstein high flap/ 2 independent electric hydraulic steering gears
- Steering Gear:
- Thrusters: 3 Ulstein controllable pitch propellers:
 - 1 sidethruster aft 1200 HP / 13.2 ton pull
 - 1 sidethruster fwd 1200 HP / 13.2 ton pull
 - 1 retractable azimuth thruster fwd 1200 HP/13.2 ton pull
- Generators: 1 main engine SB and 1 PS via PTO, two generators of 2800 kva 440v, 60 hz each
Auxiliaries/2 Aux gen. 350kw, 440v/60hz and 1 emergency generator 150kw, 440v, 60hz

CARGO CAPACITY

- Deadweight (6.6m): 3200 m/t
- Deadweight (6m): 2500 m/t
- Deck Cargo: 1000 m/t
- Cargo Deck Area: 550 sq. m
- Clear Deck Length: 37 m
- Clear Deck Breadth: 15.5 m

PERFORMANCE

- Maximum Speed: 17.0 knots/cons 42 tons
- Service Speed: 12.5 knots/cons 17 tons

FUEL CONSUMPTION

- Steaming maximum: 42 t
- Economic Speed: 17 t
- Standby: 6 t
- Gen. at anchor or in port: 1 t

**TOWING AND ANCHOR HANDLING**

- Bollard Pull: 169 tonnes
 - AHT Winch: Brattvaag SL270WX/SBLS300WX, three drums with one towing drum and two AH drums
 - Towing drum capacity/1500 m x 76 mm
 - AH drum capacity/1200 m x 76 mm
 - Brake load/450 T
- : Winch capacity/300 ton towing drum 1 layer
: 2 x 20 T storage reels 2200 x x 76 mm

DECK MACHINERY

- Tuggers: 2 x 12 t Tuggers
- Capstans: 2 x 15 t Capstans
- Windlass
- Anchors: 2 Anchor Spek 2850 Kg
 - Chain 916 mt. 46 mm K3
 - 2 AH Tongs KARM FORK – 3 1/2"
 - 4 Towing pin units
- Crane: 1 crane 5.0 t/8-12 m
 - Stern roller 6.0 mt x 3.5 mt diam. – SWL 440 T
 - WildCat (gipsy) 2 x 3 1/4", 1 x 3", 1 x 3 1/4"

CARGO PUMPS

- Fuel: 1 x 250 m³/hr 9 bar
- Ballast: 1 x 250 m³/hr 9 bar
- Drilling: 1 x 250 m³/hr 9 bar
- Potable: 1 x 250 m³/hr 9 bar
- Mud: 2 x 75 m³/hr 18 bar
- Brine: 2 x 75 m³/hr 18 bar
- Base oil: 1 x 125 m³/hr 9 bar
- Bulk system: 2 screw compressor at 5.6 bar/air capacity 27 m³/min each



CAPACITIES/TANKAGE

Fuel Oil Tanks: 977 m³
Potable Water: 764 m³
Ballast Water Tanks: 1435 m³
Drill Water: 1435 m³
Rec-Oil: 1306 m³
Chain Lockers: 533 m³
Liquid Mud: 444 m³
Brine: 565 m³
Base Oil: 197 m³
Dry Bulk: 4 tanks totaling 10,000 ft³. (284m³)
Dispersant: 6 m³

EXTERNAL FIRE FIGHTING

- FiFi II certified

LIFESAVING

- (SOLAS for 35 persons)
- MOB boat: 1 – 25 kn speed with approved one arm davit

ELECTRONICS

NAVIGATION EQUIPMENT

- 2 Gyrocompass
- Autopilot
- Echosounder
- Speed-log
- GMDSS Station A3
- 2 DGPS Satellite Navigator
- 1 x 10 cm ARPA Radar
- 1 x 3 cm TM Radar
- DGPS Interface
- VHF Helicopter frequency

ACCOMMODATION

- 11 x (1) berth cabins
 - 8 x (2) berth cabins
 - 2 x (4) berth cabins
- (All cabins with private bathroom.)

MISCELLANEOUS