



70ft Research Vessel - R/V Bellows



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## Dimensions and Documentation:

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- **Length Overall:** 70ft
- **Beam:** 20ft
- **Depth:** 8.5ft
- **Max Draft:** 8.5ft
- **Min Draft:** 5ft
- **Light Ship Tons:** 74.1
- **Year Built:** 1969
- **Year Refit:** 2025
- **Flag:** US
- **Official Number:** 520660
- **Classification:** Uninspected Passenger Vessel

## Performance and Machinery:

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- **Speed (Maximum):** 9 kts
- **Cruising Speed:** 8 kts
- **Range:** 2000 miles @ 8kts
- **Fuel Consumption:**
  - On Station: 7 GPH
  - Transit (8kts): 15 GPH
  - Standby: 5 GPH
- **Main Engines:** (2) Detroit Diesel 6-71s
- **Total Horsepower:** 400HP
- **Reduction Gears:** Allison, 2:1 Ratio
- **Generators:** (2) Detroit Diesel 3-71
- **Alternator:** 40kw, 240vac

## Capacities and Accommodations:

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- **Dry / Wet Lab- Maindeck:** 185 ft<sup>2</sup>
- **Aft Deck:** 180 ft<sup>2</sup>
- **Fuel Capacity:** 3,000 USG
- **Fresh Water Capacity:** 2,000 USG
- **Total berthing:** 11 persons
  - 5 berths
  - 3 crew
- **Galley:**
  - Full Electric Appliances, 3 Refrigerators / Freezers

\*\* All enclosed spaces on the vessel are equipped with brand new air conditioning systems.

## Special Features and Accomadations:

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- **Winches**
  - **A-Frame Winch - HYD Planetary Gear Drive**
    - 1,100ft HPME Soft Line, 11,000lbs  
100ft/m
  - **CTD & HYDRO Winch - INTEROCEAN1673-7 HLW**
    - 1,100ft HPME Soft Line, 11,000lbs  
100ft/m
  - **Small Boats:**
    - (1) 12ft Rigid Inflatable, 15HP
- **Cranes:**
  - **U-Frame Over Stern**
    - 14 ft (w) x 16 ft (h)
    - 3 ft x 3 ft HYD Travel
    - SWL 6,000 lbs
  - **A-Frame over Starboard'**
    - 6 ft (w) x 10 ft (h)
    - Manual Deployment
    - SWL 1,500 lbs
  - **Deck Cranes (2) Positioned Port and Starboard 01 Level**
    - 2,800 lbs @ 7 ft, 639 lbs @16 ft

## Electronics:

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- Furuno / Rose Point Plotter Chartplotter, (2) Furuno Radars, Furuno FA150 AIS, Furuno SC50 GPS, (2) ICOM VHF, Starlink, Furuno FCV1150 Depth Sounder, Simrad AP50 Autopilot



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