

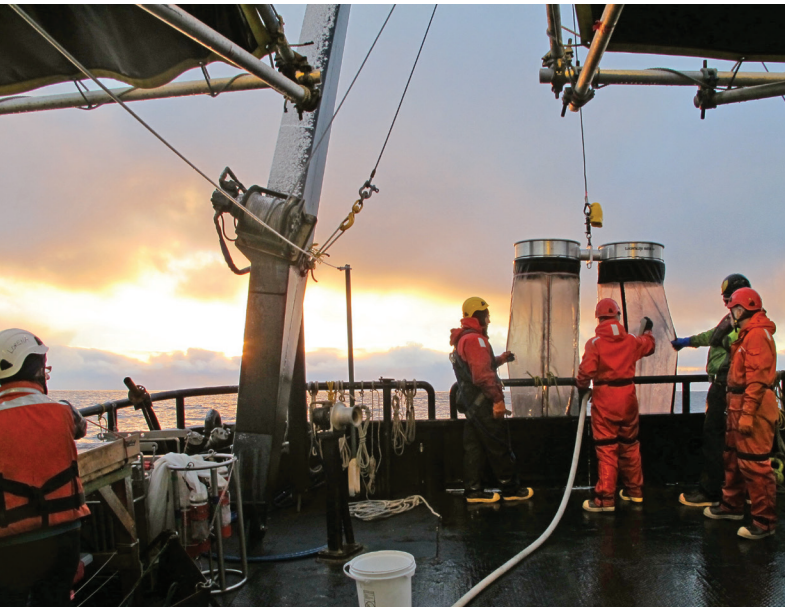


# RESEARCH VESSEL NORSEMAN II



## ADAPTABLE EXCELLENCE IN MARITIME OPERATIONS

The R/V Norseman II, a 115' steel vessel originally designed as a commercial King Crab boat for Alaskan waters, has seamlessly transitioned into the realm of oceanographic research. This vessel combines a robust steel hull with a whaleback design, ensuring an economical cruising speed of 10 knots. Configured for versatility, the Norseman II is a deep draft (13') heavy weather ship, powered and propelled by Caterpillar engines, with an auxiliary propulsion system for redundancy.





## S P E C I F I C A T I O N S

### Dimensions

Length overall: 115'  
 Beam: 28'  
 Draft: 13'

### Engines (1)

Engine(s): Caterpillar 398  
 Engine(s) Total Power: 850HP  
 Cruising Speed: 8 knots  
 Max Speed: 11kts

### Interior Features:

Science Lab: 1  
 Science Lab Electronics:  
 (2) LCD Displays, (8) NEMA feed ports for NAV/Weather Data, UPS 110 plugs  
 (12) Work Stations  
 Science Lab Equipment:  
 (1) Hull Mounted Teledyne ADCP  
 (1) SEA-BIRD Hull Mounted TSG  
 Cabins: (5) 4 client bunk rooms (separate crew quarters)  
 Marine Heads: (7) All on-suite with shower and full head  
 Berths: 20

### Safety Gear:

(2) Life Rafts  
 (1) 25 person SOLAS A-Pack  
 (1) 10 person SOLAS A-Pack  
 Immersion Suits (All sizes available)  
 Exposure Suits (Assortment of sizes)  
 Medical Chest with 24/7 Med Call Assist  
 Fire Fighting (Automatic and Manual)  
 (2) SART (Search and Rescue Transmitter)  
 (2) 406 EPIRB  
 Full Safety specs provided upon request.

### Deck Equipment

Deck Crane: SWL 10,500lbs @ 20'  
 SWL 5,000lbs @ 40'  
 A Frame: SWL 17,000lbs @ 10'  
 SWL 11,000lbs @ 13'  
 (2) picking winches mounted on A Frame  
 Vessel mounted pole system for geotechnical/geophysical/bathometric survey instruments

### Deck Winches

Main Trawl Winch: JK Fabrication  
 Main Trawl Winch SWL: Load Chart available upon request  
 Main Trawl Winch Cable: 9/16" 12 strand plasma SWL 37,900 lbs  
 Main Trawl Winch Cable Length: 3000'  
 Aux Trawl Winch: JK Fabrication  
 Aux Trawl Winch SWL:  
 Aux Trawl Winch Cable: 5/8" Wire rope  
 Oceanographic Winch: Rapp Hydema  
 Oceanographic Winch SWL: Load Chart available upon request  
 Oceanographic Winch Cable: .322  
 Tender: (1) RHIB 19'  
 Upper Deck Load: (15-ton)  
 Lower Deck Load:

### Tankage

Freshwater: 3,000 gal.  
 Fuel: 44,000 gal.  
 Holding Tank: 500 gal.

### Electrical

(1) Caterpillar 3306 165 KW 110/208-3PH 480-3PH  
 (1) Caterpillar 3304 90 KW 110/208-3PH 480-3PH  
 (1) Northern Lights 40KW 110/208-1/3PH

### Electronics

Full range of navigation equipment  
 Full list provided upon request

### Additional Equipment

Starlink  
 Water Maker: (1)RO system 50gph capacity  
 Satellite phone: (Iridium)  
 Washer and Dryer: (2) Sets  
 Marine Sanitation System: Headhunter (USCG/Marpol Compliant)  
 Bow Thruster: Tunnel Thruster  
 Large Dry Storage Area  
 Portable Science Lab: Available upon request (Water/Electrical available)



**SUPPORT VESSELS OF ALASKA, INC.**

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