



# RV SHEARWATER

## GEOPHYSICAL, LIGHT GEOTECHNICAL & ENVIRONMENTAL SURVEY VESSEL

NOTICE: Particulars are believed to be correct and subject to revision without prior notice. Interested parties must inspect vessel to check on suitability of the Company's equipment. Company has exercised due diligence to ensure that the data contained herein is reasonably accurate. However, the Company does not warrant the accuracy or completeness of the data. In no event shall the Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein.



# RV SHEARWATER

## TECHNICAL SPECIFICATIONS

### VESSEL SPECIFICATIONS

Year Built	1981
Reconfigured, refit & repowered	2024
Type	Multi-role Survey Vessel
Length	110'
Beam	39'
Draft	9.5'
GRT	198
NRT	175
Aft Deck	1175 sq. ft. with separate stern rescue deck

### ACCOMODATIONS

Berths	22 including crew
Survey Lab	127 sq. ft.
Processing Office	72 sq. ft.

### PROPULSION & MACHINERY

Main Engines	2x John Deere 6090 Tier 3 AFM
Propulsion	Dual Electric Azimuth Thrusters
Bow Thruster	Thrustmaster 100 hp
Generators	2x John Deere Model 6068A Tier 3 AFM/Marathon 135 kw

### CAPACITIES

Desalination System	Up to 900 gallons/day
Fresh Water Storage	5,000 gallons
Fuel Storage	13,800 gallons
Septic	Zero discharge with 2,000 gallon holding tank
Endurance	14 day

### FUEL CONSUMPTION

Survey (24 hrs.)	300 gallons/day
Steaming	500-600 gallons/day
Standby at Sea	70-100 gallons/day



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## TECHNICAL SPECIFICATIONS

### NAVIGATION

Radar Furuno	Radar Furuno 1944C/NT
Charting System	Furuno 1935
Auto Pilot	Garmin 5208 GPS with Chart Plot
Echosounders	Furuno FCV 620 – Color in each hull
AIS	Furuno FA 150
Navtex	Furuno NX700
Survey, GPS, Heading, IMU	Applanix POS MV
Acoustic Positioning	Moon Pool mounted USBL

### COMMUNICATION

VHF	2x Icom IC-M504
SSB	SEA 245 HF/SSB
SART	Sevenstar Electronics S.701
Satellite (Phone/Data)	Intellian v80G VSAT

### EQUIPMENT HANDLING

Equipment Moon Pools	Port & Starboard 3-foot diameter moon pools
Hydraulic Stern A-Frame	2 Ton capacity (can operate as two separate davits)
Fixed Starboard A-Frame	5 Ton capacity
Crane	14 Ton Maximum capacity, 5 Ton w/ single part line, 2 Ton at 40' extension
Geotechnical Winch	5 Ton capacity
Survey Equipment Winch	2500m (11mm diameter capacity)

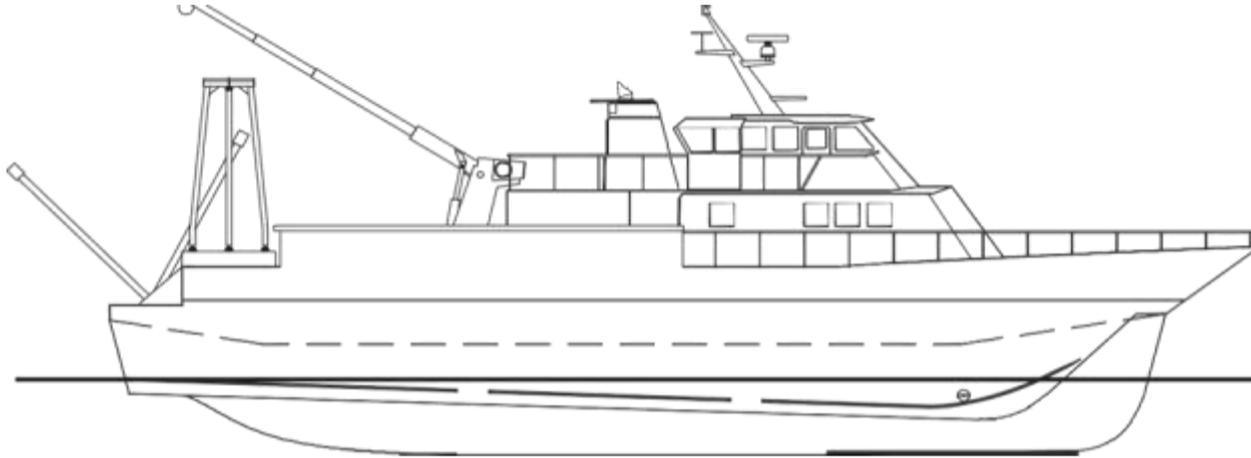
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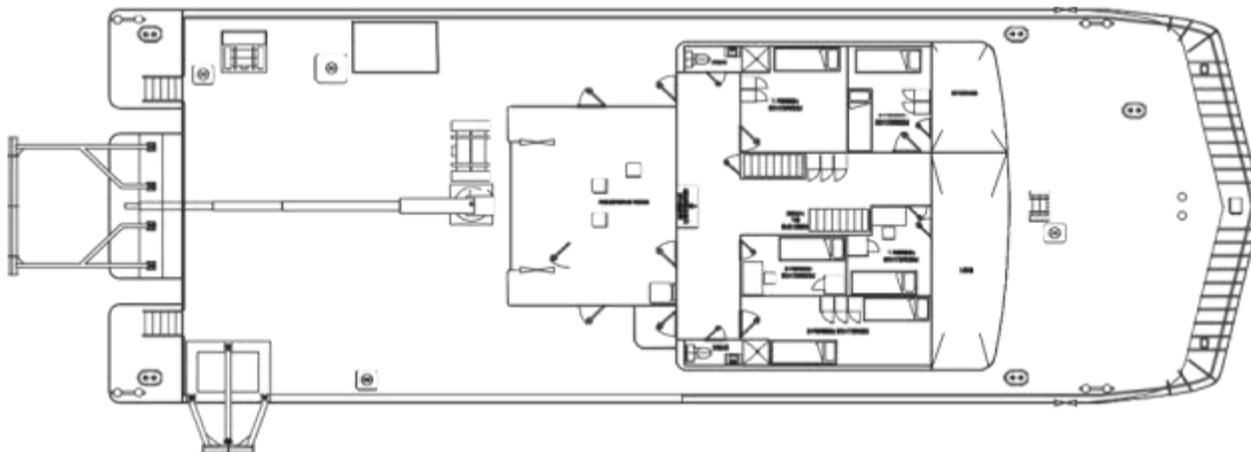
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## TECHNICAL DRAWING

R/V Shearwater



Profile



Main Deck



Below Main Deck

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