



RV MINERVA UNO

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. All optional equipment for Charterers' usage shall be agreed by the Company. Updated as at 7 February 2023.



RV MINERVA UNO

TECHNICAL SPECIFICATIONS

VESSEL SPECIFICATIONS

Year Built	2003
Reconfigured, refit & repowered	2010
Type	Multi-role Survey Vessel
Length	46.60m (155 ft.)
Beam	9.0m (30 ft.)
Draft	4.60m (15 ft.)
GRT	615
NRT	184

WINCHES

- Stern Survey Equipment Winch with up to 3,000m cable capacity
- Stern Geophysical equipment winch with up to 4,000m cable capacity
- Starboard CTD winch with up to 6,000m cable capacity
- Starboard Sediment Sampling winch with up to 4,000m cable capacity

PROPULSION AND MACHINERY

Main Engines	2x 3508B Caterpillars
Propellers	2x Variable Pitch
Generators	2x Scania-Marelli 380 kVA, 380V 1x Doosan Infracore AD 222 TI 446 kVA, 380V 1x John Deere emergency generator 65 kVA, 380V
Thrusters	1x Bow 1x Stern

KEY BRIDGE EQUIPMENT

Radar	2x Furuno FR 1510 Mak 3
Automatic Pilot	Kongsberg DP Steering System and Simrad Steering System Kongsberg
ECDIS	2x VSAT (up to 5 Mbps Up and 10 Mbps Down)
Phone/Internet	1x Inmarsat

CAPACITIES

Endurance	Up to 28 Days
Range	5,000 Nautical miles @ 10 knots
Fuel Consumption	2.7 – 3MT Operational; 4 – 4.2 MT in transit
Max Speed	13.0 knots
Economical Speed	10.0 knots
Minimum Speed	Less than 1.0 knot
Fresh Water Storage	70t (18,500 gallons)
Fuel Storage (Diesel)	125t (33,000 gallons)
Desalination System	2x Inverse osmosis desalination systems with a 2.5t/day fresh water capability
Septic	ISIR Sewage treatment system 1.5 m ³ /day (400 gallons)

Geophysical and Geotechnical Capabilities

Hydrography & Geophysics

Capable of deploying a full suite of sensors for a one pass solution including Multibeam & Single Beam, Side Scan Sonar, Sub bottom profiler -Boomer or Sparker, Multi-channel, magnetometer or Transverse gradiometer.

Benthic & Oceanographic

Capable of CTD & SVPs, water sampling, Turbidity Monitoring, Benthic grabs, box coring and Drop Camera work for video of the benthic habitat.

Geotechnical

Capable of collecting 10 to 20' Pneumatic & Electric Vibracores, Thermal Resistivity Tests, CPT's, Piston corers and grab samples.

Other

Deployment & Retrieval of Inspections, Proven ROV vessel, Compact AUV's, Surface supplied dive support.

A-FRAMES / CRANES

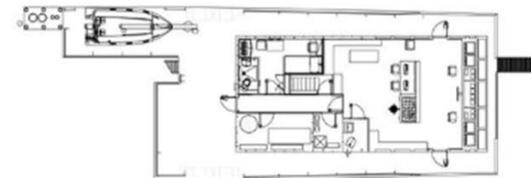
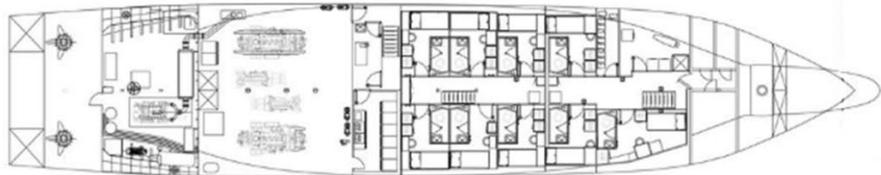
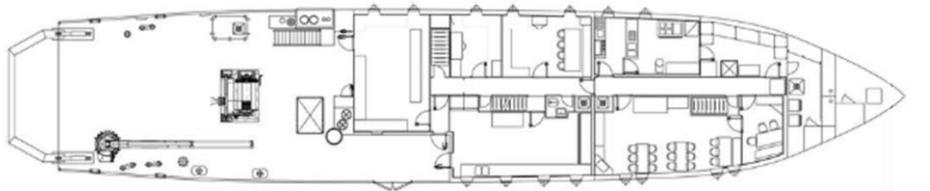
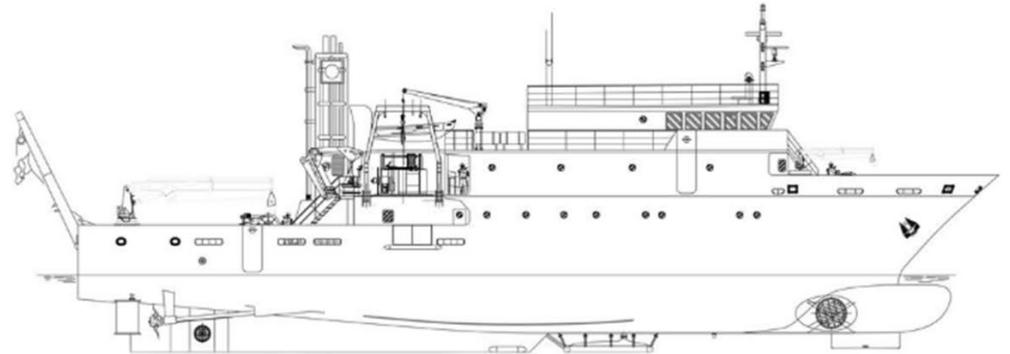
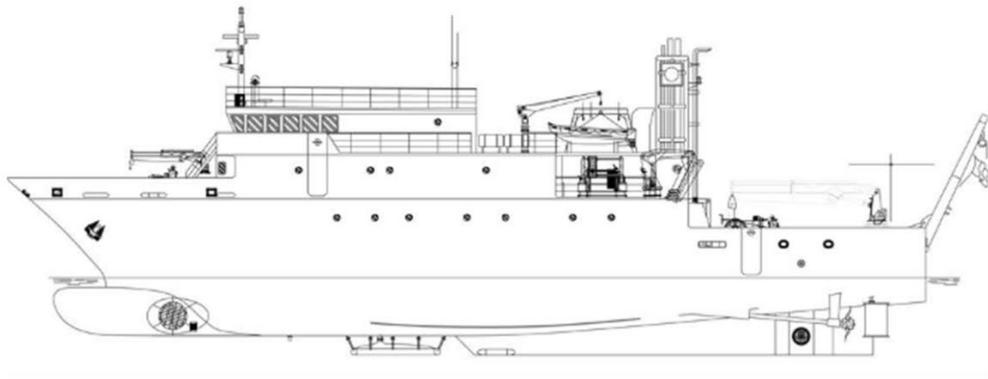
- 13-ton Stern hydraulic A-frame
- 5-ton Starboard hydraulic A-frame
- Stern telescoping Crane (10.9MT)
- Starboard (quarter deck) Crane (3.1MT – 1.6MT)

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TECHNICAL DRAWING





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