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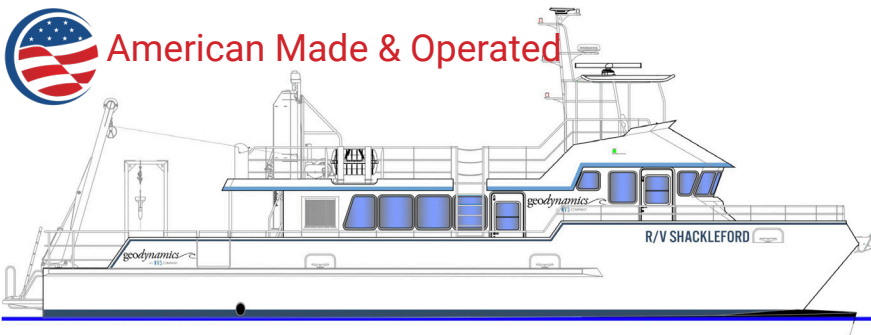


R/V SHACKLEFORD
Morehead City, NC

R/V Shackelford



American Made & Operated



American made and operated, the R/V Shackelford has been designed specifically for site development and cable surveys for offshore wind and telecommunications for extended 12h or limited 24h operations. The semi-displacement catamaran hull dampens wave action for improved survey conditions.



VESSEL SPECS

Dimensions	72.5' x 28' x 6'
Flag	U.S.
Registry	USCG
Reg No	TBD
Gross/Net Tonnage	98/78
Lab Space	5 Operator Stations
Accommodations	3 Bunkrooms/8 Bunks, 2 full heads, Galley
Max Speed	27 knots
Min Survey	Speed 3.5 knots
Propulsion	2x 803 HP Caterpillar C-18
Generator	Power 2x 21 kW Northern Lights
Hydraulics	Engine Driven HPU
Fuel Capacity	1,500 Gallons
GPS	Furuno
Radar	Furuno
Autopilot	SimradAP-70
VHF	I-Com
Internet	ProxicastTransit Duo w/satellite

SURVEY SYSTEMS

- Multibeam Sonar
- Sidescan Sonar
- Sub-Bottom Sonar (Chirp/Parametric)
- Seismic Profiling
- Magnetometer/Gradiometer
- Sediment Sampling
- Video/ROV Inspection

With ample space for vessel operation data collection and observation, the R/V Shackelford offers 5 dedicated computer stations, 3 bunkrooms, 2 heads, and a full galley. Sensors can be deployed from the central retractable moonpool, a side-mounted USM pole, or from the large stern A-frame with twin hydraulic winches. A high-capacity SSD server with 10GB network connections and rack-mounted workstations is linked to shoreside offices through bonded cellular bandwidth, with failover satellite service if needed. Crew safety is ensured through redundant modern vessel safety systems, including a FLIR thermal imaging camera, video monitoring feeds, and fire suppression technology.