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R/V Sea Scout

Purpose built research geophysical vessel



134 ft research vessel equipped for geophysical hazard surveys, geotechnical sampling and easily configured for scientific missions.

Connecting What's Needed with What's Next™

Specifications

Dimensions

Length	134 ft
Freeboard	7 ft 7.5 in
Draft	6 ft 6 in
Beam	37 ft 4 in

Weights

Deck load 23.4 Metric tons - ECP's (250 lb/ft ²)
Deadweight 65 mT inclusive of AUV vans
Deck sockets 4 ft grid 4,000 lb

Power & Propulsion

Propulsion engines 2x Caterpillar C32 ACERT 1600 bhp
2 x Caterpillar C18 ACERT 553 bhp
Gensets 2 x Caterpillar C6.6 170 ekW (212 kVA)
Generator C6.6 170 kW

Capacities

Fuel capacity Standard tankage	6,660 gal
Additional tankage	4,400 gal
Fresh water	3,700 gal
Black water	1,100 gal
Ballast water	4,000 gal stern, 6,000 gal bow

Accommodations

Scientists	22 on extended mission
Crew	4
Duration	20 Days

Performance

Survey speed	4-11 kts
Propulsion	Fixed pitch, 5-blade propellers
Mission range	400 nm @ 12kts
Maximum range (total tankage)	3,800 nm @ 10 kts

Stern A-frame

14,000 lb 16 ft swing, 8 ft clear over stern
(16 ft -9 in clear opening, overhead clearance)

Workboat & Davit

16 ft 5 in Zodiac SRMN 500 with
Yamaha F70A outboard (16 ft 5 in x 6 ft 10 in)
70 hp motor, 2,535 lb maximum payload

Morgan Marine Crane

AK 34HE3 4,158 lb @ 36 ft 9 in

Water maker

H2O 1600 gpd
Oily water separator

Class

USCG Subchapter T
Conforms to SOLAS requirements
ABS international load line

Communications

Caprock VSAT (256 K / Voice over IP)

Onboard Survey Equipment

Kongsberg EM2040C Multi-beam system
Kongsberg HiPAP 501
Klien 5000 V2 Sonar Side Scan system
Edgetech 4200 Sonar Side Scan system
Geometric 882 Magnetometer
Geopulse Sub Bottom Profiler:
5430A Transmitter/ 5210A Receiver