

## RESEARCH VESSEL



**FOL: 16870**

Length: 45.7

Width: 11.0

Draft: 4.4

FOL NO.: 16870  
Type: Steel Research Vessel  
Built: 1982  
Classification: The vessel has an ice strengthened moulded steel hull with ice classification.  
Dimensions: Loa: 45.7 m /LWL 43.0 m W: 11.0 m D: /Draft: 4.4 m  
Engine room: >> Main engine: Anglo Belgium Corp 8 DZC // CPP in Kort nozzle  
AC: Generator Siemens Shaft driven 890KVA 400 V  
Auxiliary #2 Deutz 612/Siemens 375 kw 440 V  
Auxiliary #3 GM 4-71/Siemens 50 kw 440 V  
Thrusters: >> Thrusters Bow Thruster 250 BHP  
Cargo capacity: >> Fuel: 190,000 liters // Potable water: 17,000 liters + water maker // Lube Oil: 2500 liters

>> Stern A-frame: 10-ton capacity (hydraulic)  
Mid-ship A-frame: 5-ton capacity  
Deck crane: 6-ton capacity (hydraulic, knuckle boom)  
Stern winch: 3-ton capacity  
Windlass fwd.: 1000' of 3/4" cable on hydraulic winch  
Stern Crane: 20-ton capacity knuckle boom  
Aft Lab:  
Air conditioned, 700 sq. ft with counters and work stations, direct access to main deck aft. Communications from aft lab through intercom, plus aft deck, fwd deck and galley to bridge.  
Main Deck Aft:  
1220 sq. ft. reinforced steel, clear deck. Open to stern ramp. Equipped with various cranes and winches.  
0-1Deck:  
700 sq. ft. steel deck, support for winches with room for modular lab or storage container. Various rigging possibilities from the two masts and stay wires.  
Moon Pool/Sonar Tube: 42" diameter located amidships from main deck to bottom of keel.  
Scientific Equipment: Includes seismic compressors, air gun arrays and multi beam systems.

Deck equipment:

Accommodation: >> Total compliment of 26 persons including 8 crew, HVAC throughout

Electronic equipment: >> Electrical Capability: Three independent diesel generators. Single phase 110/220V, 3 phase 240/440V. Shore power connection: 600/440/240V 3 phase.  
Radar: Sperry Visionmaster & Furuno FR7062  
VHF: Sailor RT5022 (2)  
2x SSB: Ray 152 & JRC JSB 196GM Radio Telephone  
2x GMDSS: Alden Navtex & Sailor TT-3000E mini-C  
2x Sounder: Suzuki ES-5300 & Suzuki ES-1080  
DGPS: Kodon KGP-913 (2)  
2x Compasses: Sperry Gyro SR-120 & Sperry Mod-1  
Intercom: Newmar IP-10  
DSC Watch: JRC NCT-196 DSC Terminal  
Communications: KVH TracPhone V7 & Iridium Open Port  
Autopilot: Robertson AP45  
Loud hailer: Ray 430

All particulars are believed to be correct, but cannot be guaranteed. All offers are made subject to prior sale; changes in price and/or inventory, and withdrawal without notice.