

MARINE  
SURVEY  
SERVICES

LOGISTIC  
SUPPORT  
SERVICES

SCIENTIFIC  
RESEARCH  
SERVICES



**Flag / Classification:**  
 Flag Italian  
 Port of Registry Naples  
 Register Number 40/NA 1<sup>A</sup> Sez. Registro Internazionale

Classification RINA 100 A1,1-NAV IL-ST-Ap-GC  
 RG1\*equivalent to 1A Super Finnish  
 Ice Class

**Main particulars:**  
 Builder Vyborg Shipyard  
 Built/type built 1981, converted into Research  
 Offshore Support Vessel 1990 and  
**upgraded 1996**  
**further upgrading 2002 - 2005**  
**2006**

LOA 130,30 mt  
 Breadth 17,30 mt  
 Depth 8,50 mt  
 Draft Summer 6,9 mt

Holds (available space) Hold 1 abt 700 m<sup>3</sup>  
 Hold 2 abt 1700 m<sup>3</sup>  
 Hold 3 abt 1200 m<sup>3</sup>  
 Hold 4 abt 1400 m<sup>3</sup>

Hatches 12.60 x 8.50 mt  
 12.60 x 12.80 mt  
 18.90 x 12.80 mt  
 6.00 x 12.80 mt

Gross Tonnage 5825  
 Net tonnage 2473  
 Bunkers capacity abt. 700 tons IFO/Gasoil  
 abt 800 m<sup>3</sup> gasoil (in alternative to jet  
 A1 - see below)  
 Jet A1/Gasoil tanks abt 800 m<sup>3</sup> jet A1 aviation fuel in  
 separate ship tanks with pumping  
 arrangements to ashore  
 Jet A1 transfer pump 2 x Hydrarzer ACF80-3N4F 50m<sup>3</sup>/h  
 Potable water SWS 12000 Culligan - 40 tons/day  
 reverse osmosis plant

**Machinery:**  
 Main engine 6100 BHP Burmeister & Wain 2SCA 5  
 DKRN 62/140-3  
 Bow thruster White Gill Jet Unit 50T3, azimuthal  
 type, driven by CAT3508, 1800 rpm,  
 1000HP (installed in 2006)  
 Generators 3 x 6CHN 25/34 DPR 320/500  
 Pervomajsk, 400kVA  
 Emergency generator 1 x 125 kVA

**Deck machinery:**  
 Derricks 3 x 20 tons plus 1 x 40 tons plus 1  
 hydraulic crane x 2 tons

**Fuel consumption:**  
 Full speed abt 16.5 kn on abt 24 tons IFO 40/180  
 + abt 3 tons gasoil  
 Cruising abt 14 kn on abt 15 tons IFO 40/180 +  
 abt 3 tons gasoil  
 Economical speed abt 12 kn on abt 12 tons IFO 40/180 +  
 abt 3 tons gasoil  
 When forcing ice consumption max 19 tons gasoil daily  
 Stand-by Abt 3 tons gasoil

**Accommodation:**  
 Charterers' personnel 90 (2 single + 2 double + 21 four bunk  
 cabins) with private facilities

**Total bunks:** 129

**Other:**  
 Mess room for 56 persons  
 Laboratory space 14 laboratories for abt 200  
 sqm  
 Offices 2 offices for Charterer's  
 personnel  
 Meeting Room 45 m<sup>2</sup>  
 Wastewater treatment DVZ SKA 50 BIOMASTER  
 comply with Marpol 73/78  
 Garbage compactor Type ORWAK 5030 CMTXI - 3  
 OkN  
 Internal communication system SIEMENS

Suitable for the carriage of dangerous goods in package form  
 in and above hold no 1 and no 2.

**Other facilities**  
 Hospital  
 Laundry  
 Oil water separator  
 Incinerator

DETAILS GIVEN IN GOOD FAITH BUT WITHOUT GUARANTEE



Laboratories/offices



Meeting room



Mess room



Mess room



Cabins

