



Marine Arctic Geological Expedition

P/B "Yantar"

General Information

Flag	Russian Federation
Owner	JSC "MAGE"
Year of Building	1986
Place of Building	Leningrad
Reequipped	2001
Register Class	KM * L 3[I] III
Type	Pilot
MMSI Code	273 45 58 60
Length / Beam / Draft	19.68 / 5.80 / 1.80 m
Register tonnage: gross weight / net weight	80 / 40 t
Total Displacement	1157 t
Cruising Range	25 miles
Speed eco / max	10 knots
Endurance	3 days
Number of Crew Members / Expedition Specialists	3/8 persons
Fuel Capacity	8 t
Capacity of Lubricating Oil	0.2 cu m
Fresh Water Capacity	1.5 t
Fuel Consumption	2.5 t/day

Main and Auxiliary Machines

Main Engines	2 x 3D12 220 kW, USSR
Auxiliary Diesel – Generators	1 diesel-generator 1 x 15 kW
Propulsion	FP – 2 pieces 4 blades

Marine Pollution Prevention Equipment

Bilge Water Separator	n/a
Incinerator	n/a
Sewage Treatment Plant	n/a
Bilge Water Tanks	1 x 1.38 cu m
Cuttings Tanks	1 x 0.49 cu m
Sewage Collecting Tanks	1 x 2.08 cu m

Navigation and Communication

Radar	FURUNO 1721 MK2 Maximum range – 36 miles
Echo Sounder	PEL 4 Depth measurement range – 0,4-200 m
Log	Hand
GPS	
Weather Facsimile Receiver	NAVTEX NX 900
Intercom	RYABINA

Damage Control Equipment

Fire-Smothering System	Halon fire extinguishing (Halon 1301)
Fire Pumps	1 pump, capacity of 23 m ³ /h

Life Saving Equipment

Lifeboats	n/a
Life Rafts	2 pieces capacity of 20 persons
Life Vests	13 pieces
Ring Life Buoys	4 pieces