



SEISMIC SURVEY VESSEL M/V GEO ARCTIC



VESSEL SPECIFICATIONS

Name	Geo Arctic	Classification	KM*YL 1A2
Owner	SEVMORNEFTEGEOFIZIKA	Registration Number	273458600
Port of Reg.	Murmansk	IMO	840 90 18
Flag	Russia	Call sign	UGXK
Builder-Year	Szczecin, Poland-1988	GMDSS	Scanti Combridge 8000
Upgraded		Inmarsat:	phone: 870 761 114 365 870 761 114 367
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		MMSI	273 458 600
		V-SAT	+7 8152 69 10 42

MAIN CHARACTERISTICS

Length, beam, draft	81,8mx14,8mx5,4m	AIS	Seatex100R
Gross tonnage	2833GRT	VHFradioDSC	2xScantiVHF-3000
Deadweight	1319t	SSBradio	Scanti TU7201
Main engines	Zgoda-Sulzer6ZL40/48	Radars	2xJotronTronSat
Propeller	1 variablepinch/225rpm	Autopilot	Simrad AP9 MK3
Auxiliary engines	2x8AL20/24	Standart compass	Navigat II
Bow Thruster	FU-45-LTC-1225	Gyrocompass	SGBrownMeridian
Cruising speed	12knots	Echo sounder	Simrad EA600
Range at cruising speed	12000nauticalmiles	Inductions log	AtlasDolog
Fresh water capacity	200t	Navtex	FurunoNX500
Fresh water maker	8t/day	GPS	Furuno,GP-50MKII
Fuel capacity	710t	Rescueboat	LR-6
Fuel consmp. perday	10tcruise/8tsurvey	Endurance	67 days
Deck crane	R-4/12,5(SWL4,0t)	Accommodation	56 berths

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SEISMIC EQUIPMENT



ENERGY SOURCE:

Type	G-Gun
Sub-arrays	4 lines x 8 guns
Total capacity	4 820 cubic inches
Gun controller	Digishot
Compressor	2 x LMF 31/138-D, Piston VCS 2218 W 14
Subarray length	12 m
Subarray width	24 m

STREAMER:

Type	Seal Fluid Sercel-24 bit
Channels	960
Hydrophone Type	NH 95-200
Streamer length	up to 10 000 m
Spread	N/A
Group length	12,5 m
Depth controller	Digicourse 5011 E
Winch capacity	12 000 m of 50 mm cable
Tailbuoy	Partnerplast

RECORDING INSTRUMENTS:

Type	Sercel 408XL (SEAL)
Tape format	SEG-D 8058
Tape recorder	IBM 3592
Display system	OYO Thermal plotter GS-624

NAVIGATION



Integrated navigation system	Spectra Concept System version 14.12.1
DGPS system	Fugro StarFix, Fugro Spot
Gyrocompass	SG Brown Meridian
Echo sounder	Simrad EA 500
Binning system	N/A
Acoustic System	N/A
Nav QC	Sprint 2D version 4.5.1
RGPS	Seatex Seatrack 220/320

ON-BOARD PROCESSING (upon request)



Quality control and processing	SERVER IBM X3200 PROMAX 2D/3D 2003.19.1.1
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Sevmorneftegeofizika

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