



SEISMIC SURVEY VESSEL M/V AKADEMIK PRIMAKOV

VESSEL SPECIFICATIONS

Name	Akademik Primakov	Classification	BV, I HULL MACH, Special service, Unrestricted navigation, AUT-UMS, ICE
Owner	SEVMORNEFTEGEOFIZIKA	Registration Number	BV 34188N
Port of Reg.	Murmansk	IMO	9187514
Flag	Russia	Call sign	UBCQ4
Builder-Year	Ulstein, Norway - 1999	GMDSS	Sailor CU 5100
		Inmarsat phone:	870 764 898 552
		e-mail	master@primakov.smng.com
		MMSI	273392760
		V-SAT	+7 8152 69 10 49

MAIN CHARACTERISTICS

Length, beam, draft	92,50x23,00x7,79m	AIS	TranzasT-105
Gross tonnage	8369 GRT	VHF radio DSC	4x Sailor SP3520
Deadweight	4568t	SSB radio	3x Sailor RT5022 DSC
Main engines	2x Bergen Diesel BRM9, 5405 BHP each. 750/625 rpm	Radars	Furuno FAR2827 - Xband / Furuno FCR2837S - Sband / Furuno FAR2105 - Xband
Propeller	2x 4 blade CPP in nozzle, diam. 4.2 m, 125 rpm	Autopilot	SIMRADAP9 Mk3 / SJS500 Joystick / Autotrack System
Auxiliary engines	2x Caterpillar 3516 STD, 1.4 MW each. 440V, 60 Hz	Standart compass	
Bow Thruster	Ulstein-Liaaen 800 TV, 1100 kW, 440V, 60 Hz	Gyrocompass	SIMRAD GC80/85
Cruising speed	12 knots	Echosounder	Skipper GDS 101
Range at cruising speed		Inductions log	Model DS-80
Fresh water capacity	440t	Navtex	Furuno NX-700B
Fresh water maker	2x 12 tons / 24 hours - max	GPS	1x Furuno GP80 / 1x Furuno Gp150
Fuel capacity	3195 m ³	Rescue boat	Springer MP741
Fuel consmp. per day	26 m ³ cruise	Endurance	70 days
Deck crane		Accommodation	68 berths

SEISMIC EQUIPMENT



ENERGY SOURCE:

Type	BOLT 1500 LL; 1900 LLX
Sub-arrays	6 lines x 8 guns
Total capacity	2 x 5 048 cubic inches
Gun controller	TRISOR / Western Geco
Compressor	3 x LMF 57/138 - 207 - E60 / 1 x LMF off-line compressor, V17/5518-E60, 75 CFM
Compressor Air Capacity	3 x 2000 CFM, total 6000 CFM
Subarray length	15 m
Array width	2 x 16 m

STREAMER:

Type	Q-Marine
Channels	12 x 640
Hydrophone Type	Nessie 5
Streamer length	8 000 m
Spread	100 m
Group length	12,5 m
Depth controller	Q-Fin
Streamer Positioning	TRITON / Western Geco
Tailbuoy	Partnerplast

RECORDING INSTRUMENTS:

Type	TRIACQ RC / Western Geco
Tape format	SEG-D 8058
Tape recorders	IBM 3592E05

NAVIGATION



Integrated navigation system	TRINAV / Western Geco
DGPS system	Novatel Propak 3, Starfix.XP/Starfix.G2/Starfix.HP
Gyrocompass	2 x C-Plath SR 180
Echo sounder	Simrad 600 EA (18 kHz, 38 kHz, 200 kHz)
Binning system	TRINAV / Western Geco
Acoustic System	IRMA / Western Geco
Nav QC	TRINAV / Western Geco
RGPS	Seatrack 220/330

ON-BOARD PROCESSING (upon request)



Quality control and processing Processing Software	Cluster Dell nodes -16, cores - 448, RAM - 4096 Gb, storage - 242 Tb ProMAX/SeisSpace 2D/3D
---	---

Sevmorneftegeofizika

17 Karl Marx Street
Murmansk 183025
Russia

tel: (+7) 8152 70 46 46
tel: (+7) 8152 476 397
fax: (+7) 8152 456 049
e-mail: smng@rusgeology.ru
<http://www.smng.com>

Attn:

Oleg V. Penkov, Managing Director JSC SMNG

Mikhail Savchenko, Head of the Marketing and Contract
Department e-mail: savchenko@smng.com