



ROS GEO
Russian State Geological Company

Sevmorneftegeofizika



SEISMIC SURVEY VESSEL M/V AKADEMIK PRIMAKOV

VESSEL SPECIFICATIONS

Name	Akademik Primakov	Classification	BV, I HULL MACH, Special service,
Owner	SEVMORNEFTEGEOFIZIKA		Unrestricted navigation, AUT-UMS, ICE
Port of Reg.	Murmansk	Registration Number	BV 34188N
Flag	Russia	IMO	9187514
Yard/Year Built	Ulstein, Norway/1999	Call sign	UBCQ4
		GMDSS	Sailor CU 5100

MAIN CHARACTERISTICS

Length, beam, draft	92,50x23,00x7,79m	AIS	Tranzas T-105
Gross tonnage	8369 GRT	VHF radio DSC	4x Sailor SP 3520
Deadweight	4568t	SSB radio	3x Sailor RT5022 DSC
Main engines	2x Bergen Diesel BRM9, 5405 BHP each. 750/625 rpm	Radars	Furuno FAR 2827 - Xband / Furuno FCR 2837S - Sband / Furuno FAR 2105 - Xband
Propeller	2x 4 blade CPP in nozzle, diam. 4.2 m, 125 rpm	Autopilot	SIMRAD AP9 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 MP 741
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

STREAMER:

Type	Sercel Acquisition Line Section
Channels	12 x 480
Hydrophone Type	Geopoint
Streamer length	12 x 6000 m
Spread	12 x 100 m
Group length	12,5 m
Depth controller	Digicourse 5011 E
Streamer Positioning	ION System 3
Tailbuoy	Partnerplast

RECORDING INSTRUMENTS:

Type	Sercel Seal 408XL
Tape format	SEG-D 8058
Tape recorders	HDD

NAVIGATION



Integrated navigation system	ION Concept Systems ORCA 1.12.1
DGPS system	SterFixNG, Fugro Starfix XP2, Skyfix G2, Starpack v.09.05.02
Gyrocompass	SG Brown Meridian, StarPack virtual gyro
Echo sounder	Navisound 420 DS (11 kHz, 200 kHz), Simrad EA 600 (12kHz, 210kHz)
Binning system	Reflex version 1.11.8
Acoustic System	Sonardyne SIPS2
Nav QC	Sprint 2D/3D version 4.5.2 + Orca NRT+ Iris
RGPS	Fugro StarTrack SRU v.09.05.02

ON-BOARD PROCESSING (upon request)



Quality control and processing	SeisSpace 5000.10.0.2
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