ROSGEO | Sevmorneftegeofizika
Russian State Geological Company

SEISMIC SURVEY VESSEL M/V AKADEMIK PRIMAKOV

VESSEL SPECIFICATIONS

Name	Akademik Primakov
Owner	SEVMORNEFTEGEOFIZIKA
Port of Reg.	Murmansk
Flag	Russia
Builder-Year	Ulstein, Norway - 1999

Classification	BV, I HULL MACH, Special service, Unrestricted navigation, AUT-UMS, ICE
Registration Number	BV 34188N
IMO	9187514
Call sign	UBCQ4
GMDSS	Sailor CU 5100
Inmarsat phone:	
e-mail	
MMSI	
V-SAT	

MAIN CHARACTERISTICS

Length, beam, draft	92,50 x 23,00 x 7,79 m
Gross tonnage	8 369 GRT
Deadweight	4568 t
Main engines	2 x Bergen Diesel BRM9, 5405 BHP each. 750 / 625 rpm
Propeller	2 x 4 blade CPP in nozzle, diam. 4.2 m, 125 rpm
Auxiliary engines	2 x Caterpillar 3516 STD, 1.4 MW each. 440 V, 60 Hz
Bow Thruster	Ulstein-Liaaen 800 TV, 1100 kW, 440 V, 60 Hz
Cruising speed	12 knots
Range at cruising speed	
Fresh water capacity	440 t
Fresh water maker	2 x 12 tons / 24 hours - max
Fuel capacity	3 195 m^3
Fuel consmp. per day	26 m^3 cruise
Deck crane	

AIS	Tranzas T-105
VHF radio DSC	4x Sailor SP 3520
SSB radio	3 x Sailor RT5022 DSC
Radars	Furuno FAR 2827 - X band / Furuno FCR 2837S - S band / Furuno FAR 2105 - X band
Autopilot	SIMRAD AP9 Mk3 / SJS500 Joystick/Autotrack System
Standart compass	
Gyrocompass	SIMRAD GC80/85
Echo sounder	Skipper GDS 101
Inductions log	Model DS-80
Navtex	Furuno NX-700B
GPS	1 x Furuno GP80 / 1 x Furuno Gp150
Rescue boat	Springer MP 741
Endurance	70 days
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
Subarray width	66 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	Cluster Dell nodes -16, cores - 448, RAM - 4096 Gb, storage - 242 Tb
Processing Software	ProMAX/SeisSpace 5000.10

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