



**Nordic Maritime Pte Ltd**

**M.V. AKADEMIK FERSMAN**  
**SEISMIC 2D VESSEL**



**TECHNICAL SPECIFICATION**

Name of Vessel	: M.V. Akademik Fersman	Owner	: DMNG
Type of Vessel	: 2D Seismic Vessel	Year Built	: Poland 1986
Call Sign	: UFTQ	Rebuilt	: Singapore 2006
Classification	: Russian Maritime RS	Flag/Port of Registry	: Russia/Korsakov
Top Speed	: 12 knots	IMO	: 8313958
		MMSI	: 273455310

PRINCIPAL PARTICULARS		MACHINERY / PROPULSION	
Length O.A.	: 81.50 M	Propulsion	: Single 4 bladed CPP propeller PH 1150/4-R315
Breadth Moulded	: 14.80 M		
Depth Moulded	: 5.00 M		
		Main Engine	: 1 x 3090 kw/4200 bph, 505rpm Sultzer-Zgoda, 6ZL40/48
Gross Tonnage	: 3478 Tons	Bow Thruster	: Zamech 220 KW/300hp
Net Tonnage	: 1044 Tons	Shaft Generator	: 1 x 1200 kw
Deadweight	:	Diesel Generators	: 2 x 504 kw, 1 x 850 kw
		Emergency Generators	: 1 x 92 kw
Navigation Area	: Unlimited	Crane	: Towimor, P4/12.5AO1 ZUO, 4T Palfinger PK 32000M, 8T
Cruising Range	: 12000 nautical miles		

CARGO / TANK CAPACITY		SEISMIC SPECIFICATIONS	
Fuel Oil	: 765 tons	Seismic Recording Instruments	
Fresh Water	: 217 tons	Type	: Seal Digital Sys 24 bit
Lube Oil	: 18 tons	Maximum channels	: 7680
		Sample rate	: 1,2,4
Fresh Water maker	: SC 12/16 13 tons/day	Tape Format	: SEG-D 8048/ 8058
		Tape Transport units	: IBM 3590
Cold Storage	:	Data Capacity	: 10/ 20/ 30 GB
		Trace Plots	: OYO GS 624
Fuel Oil Consumption	: 11/16 cu.m operation/cruise	Observer Log	: Auto log
Endurance	: 60 days		

ACCOMMODATION & LIFE SAVING EQUIPMENT		NAVIGATION / COMMUNICATION EQUIPMENT	
Accommodation	: 50 + Hospital	GYRO	: Sperry Navigat x MK2
Fire fighting systems	:	Navtex	: Lo-kata
Fixed water-spraying	:	Weather fax	: Fax 208 Mark II
Fixed CO2	:	AIS	: SIS-5R
		Auto Pilot	: AP -30
Foam Deluge system	:	GPS Navigators	: GP-80
Extinguishers	:	Speed log	: DS-80
		Echo Sounder	: NEL -5
		Communication	: Seagull GMDSS station B & Fleet 77
Life Boat	: 1	Immarsat System	
Work boat	: 1	Video Monitoring	: 3 x AXIS 232D Network Dome Cameras,18 Optical Zoom 360 Deg Pan & Operation
Life Jackets	: 100		
		Public Address	: Intercom Ryabina
Life Rafts	: 6 x 25, 1 x 6	Radars (GPS connect)	: FAR 2835S, FR 2115
Rescue Boat	: Norpower x 6 persons		
Immersion Suit	: 50		
Life buoys	: 8		
Fireman's outfits	: 3	Internal Telephone	: Dial Exchange station
Breathing Apparatus	: 3		

*All particulars presented are believed to be accurate but given entirely without warranty. Interested parties are advised to verify details through inspections.*