



**NORDIC**  
MARITIME PTE LTD

**M.V. NORDIC ENERGY**  
**2D SEISMIC VESSEL**



**TECHNICAL SPECIFICATION**

Name of Vessel	: M.V. NORDIC ENERGY	Builder	: Volkswerft Stralsund, Germany
Type of Vessel	: Seismic Research Vessel	Yard No. & Ex. Name	: 631, Atlas
Call Sign	: 3EJX2	Year Built	: 1984 – Rebuilt 2007 Poland
Classification	: Loyds Registry	Flag	: Panama
Top Speed	: 13 knots	IMO no.	: 8415586

**PRINCIPAL PARTICULARS**

Length O.A.	: 64.67m
Length B.P	: 56.091m
Breadth Moulded	: 13.80m
Depth to boat deck	: 9.20m
Draft	: 5.20m
Gross Tonnage	: 2281 tons
Net Tonnage	: 684 tons

**MACHINERY / PROPULSION**

Main Engine	: 2 x Stork Wartsila 9F240 Diesel
	: 2 x 1550BHP, 2 x 1145 kW
	: Each connected on a Single CPP Propeller in Kortnozzle.
Aux. Generator	: Mitsubishi Diesel 1 X 650 KW
Shaft Generator	: 1 X 650 KW
Main Electrical Power	: 380 volt 50 Hz

**CARGO / TANK CAPACITY**

Fuel Capacity	: 390 M3
Fresh Water	: 40 M3
Fuel Oil Cons. – 12 knots	: 13.4 ton
Fuel Oil Cons. – 5 knots	: 9.4 ton

**DECK EQUIPMENT**

Deck Crane 1 Forward	: ATLAS 2 Ton @ 10 meters
Deck Crane 2 Aft	: ATLAS HMC 1 Ton @ 3 meters
Streamer Winch	: Plimsoll, 12km Capacity, 2007
Umbilical Winch	: Plimsoll, 2 noz double, 2007
Aux. Winches	: Brevini Winches 2 X 4.3 tons

**ACCOMMODATION & LIFE SAVING EQUIPMENT**

Total Accommodation	: 40 Persons + 2 Hospital Bunks
Survey Instrument Room	: 70 M2
Laundry Room	: 2 X Washing Machines
	: 2 X Tumble Dryers
Other Facilities	: 1 X Hospital Room
	: The vessel is fully Air Conditioned.
Life Boat	: 1 MOB boat
Life Rafts	: 4 pcs
FRC	: 1 pcs

**NAVIGATION & COMMUNICATION EQUIPMENT**

Radars	: Sperry Arpa 10 cm, 2007
	: Sperry Arpa 3 cm, 2007
Chart Plotter	: Telchart, 2007
Integrated into the system	: TRON UAIS TR-2500, 2007
Gyro Compass	: 2 X Anshutz, 2007
Auto Pilot	: Anshutz PILOTSTAR D, 2007
DGPS	: Leica MX 420
Navtex receiver	: JMC 900
GMDSS installation in accordance with IMO regulations for vessels operating within Sea Area A3, 2007	: SAILOR 3000
Sat B	: Fleet 77, Voice, Fax and Data
Inmarsat C	: Telex

**STREAMER**

Streamer type	: Solid Streamer, MSX
Streamer Length	: 12,000 m
Group Interval	: 12.5m or 25m
Length per section	: 100 m
Control Device	: DigiCOURSE Compass Birds 5011E

**ENERGY SOURCE**

Air Guns type	: Sleeve Guns
No. sub-array	: 4
Operating Pressure	: 2000 PSI
Capacity in SCFM	: 2 x 51 (m3/min)
Gun Controller	: DigiShot

**SEISMIC RECORDING SYSTEM**

Type & Model	: ION, MSX 24 bit
No. of Channels	: 960/single streamer
Recording media	: IBM 3592 tape / RAID disk

**SEISMIC NAVIGATION SYSTEM**

Manufacturer	: Concept Systems Ltd
Real-time navigation	: Spectra
Post processing	: Sprint
Depth Controller	: Model 483
Navigation system	: Veripos Ultra

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