



Nordic Maritime Pte Ltd

M.V. ZEPHYR 1
SEISMIC 2D VESSEL



TECHNICAL SPECIFICATION

Name of Vessel	: M.V.Zephyr 1	Owner	: DMNG
Type of Vessel	: 2D Seismic Vessel	Year Built	: Poland 1987
Call Sign	: 3FXN4	Rebuilt	: Singapore 1991, Spain 2002
Classification	: DnV 1A1 ICE A1	Flag	: Panama
Top Speed	: 14,4/11 knots	IMO No.	: 8408997

PRINCIPAL PARTICULARS

Length O.A.	: 81.85 M
Breadth Moulded	: 14.80 M
Depth Moulded	: 5.00 M
Summer Draft (Max)	:
Gross Tonnage	: 2833 Tons
Net Tonnage	: 850 Tons
Deadweight	:
Navigation Area	: Unlimited
Cruising Range	: 12000 nautical miles

MACHINERY / PROPULSION

Propulsion	: Single 4 bladed CPP propeller PH 1150/4-R315
Main Engine	: 1 x 3090 kw/4200 bph, 505rpm Sultzer-Zgoda, 6ZL40/48
Bow Thruster	: Zamech 220 KW/300hp
Shaft Generator	: 1 x 1200 kw
Diesel Generators	: 2 x 504 kw
Emergency Generators	: 1 x 92 kw
Planning & Maintenance System	: TM Master

CARGO / TANK CAPACITY

Fuel Oil	: 846 tons
Fresh Water	: 216 tons
Lube Oil	: 17 tons
Fresh Water maker	: WY 12.5A 10 tons/day
Cold Storage	:
Fuel Oil Consumption	: 10/15 cu.m shoot/cruise
Endurance	: 60 days

SEISMIC SPECIFICATIONS

Seismic Recording Instruments	:
Type	: Syntrak 960-24 bit
Maximum channels	: 960
Sample rate	: 1 msec
Tape Format	: SEG-D 8048
Tape Transport units	: 3 x IBM 3590
Data Capacity	: 10GB
Trace Plots	: OYO GS 622
Observer Log	: Automatic + OBS corrections

ACCOMMODATION & LIFE SAVING EQUIPMENT

Accommodation	: 60 + Hospital
Fire fighting systems	:
Fixed water-spraying	: All spaces of the vessel
Fixed CO2	: Machinery spaces, paint locker Cable room
Extinguishers	: 26 x foam UAF9 40 x CO2 UC6 4 x Lithium Europege
Life Boat	: Seabear 23S x 10 persons
Life Jackets	: 120
Life Rafts	: 12 x 10
Rescue Boat	: Norpower x 6 persons
Immersion Suit	: 60
Life buoys	: 16
Fireman's outfits	: 3
Breathing Apparatus	: 2

NAVIGATION / COMMUNICATION EQUIPMENT

GYRO	: VEGA – 1M
Navtex	: Lo-kata
Weather fax	: Furuno FAX 207
Auto Pilot	: TS – 75 1111M
GPS Navigators	: Furuno, GP-80
Speed log	: IEL – 2M
Echo Sounder	: NEL –M3B
Communication	: Fununo GMDSS – A3
Immarsat System	: Immarsat A,B,C, Mini-M
Back Master Camera	: Monitors on bridge & Instrument rm
2x Gun Deck Camera	: All Monitors of the network
1x Streamer room, 1x ME room	: All Monitors of the network
Public Address	: Intercom Ryabin UB-5P
Radars	: Kelvin Huges CDY –A14, 24” Kelvin Huges NNR-A27, 21
Internal Telephone	: MARINEX 60 units

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