Multi-role Geophysical & Hydrographic Survey Vessel

The M.V. Fugro Meridian, is operated by Fugro Survey Limited of Aberdeen, UK. Specifically designed as a multi purpose survey vessel, the M.V. Fugro Meridian is permanently mobilised and can be rapidly deployed to survey locations worldwide.

Purpose built research vessel

M.V. Fugro Meridian, a purpose built research vessel is well appointed with a large mess-room, two lounges, en-suite cabins, two geotechnical laboratories and two large instrument rooms. The vessel is fitted with a Kongsberg SDP11 Class 1 DP system, a full suite of analogue and digital geophysical equipment. The vessel is provided with a suite of deck equipment which includes a 6 tonne A frame, a 5 tonne hydraulic winch with 2500m operating water depth and clear deck area of 20m².

The vessel has a multi-role geophysical capability including 2D exploration seismic capability, pipeline/cable route surveys, high resolution site investigation surveys and environmental surveys.

Clients within the oil and gas industry, the cable sector and government agencies will be able to utilise the M.V. Fugro Meridian to obtain high resolution data for permitting, planning, design activities and engineering.

Fugro Survey is a member of the multi-national Fugro Group of companies with over 250 offices in 58 countries. Clients can benefit from individual and collective experience of hundreds of survey professionals at Fugro Companies worldwide.
### Technical Specifications

#### General
- **Name**: M.V. Fugro Meridian
- **Classification**: Ice Class 1C
- **Owner**: Fugro
- **Built**: 1982 / 1997
- **Port / Flag**: Nassau, Bahamian
- **MMSI No.**: 308036000
- **Call Sign**: C6QR4
- **IMO No.**: 8101331

#### Dimensions
- **LOA**: 72.5m
- **Beam**: 13.8m
- **Draught**: 6.8m
- **Tonnage**: 2255 t gross

#### Accommodation
- **Cabins**: 26 pers + marine crew
- **Recreation**: 2 x Lounge / Video / WiFi Gym / Sauna

#### Machinery
- **Main engines**: Normo KVMB-12 2600 BHP
- **Propulsion**: Single screw (Left), Variable Pitch
- **Bow Thruster**: 2 x 600 BHP
- **Stern Thruster**: 1 x 600 BHP
- **Cruising Speed**: 10 knots
- **Maximum Speed**: 10 knots

#### Electrical Power
- **Generators**: 380 / 220 VAC, 60 kHz
- **Fuel Capacity**: 3 x 212 kVA, 1 x 400 kVA, 1 x 28 kVA (Aux)

#### Capacities
- **Fuel Consumption**: 531m³
- **Water Capacity**: 4-5m³ per day
- **Water Making**: 3
- **Incinerator**: Pau-Rochem RO Atlas Evaporator
- **Galar Marine O2G2000

#### Control and Navigation
- **Autopilot**: Robertson AP9 Auto Pilot
- **Dynamic Positioning**: Simrad SDP 600 Class
- **Radar**: JRC JMA-5310-6 / S-Band
- **Gyrocompass**: Sperry MK-37
- **DGPS Positioning**: Starfix HP, XP and Q2
- **GPS Navigator**: Furuno GP-31, Magnavox MX100 & Furuno GP-90
- **Acoustic Positioning System**: Kongsberg H1PAP 500
- **Vertical Reference Unit**: DMS05, TSS HS-50, POS MV
- **Echosounder**: JRC JFE - 380
- **AIS**: Nauticast Xpack-DS

#### Deck Machinery
- **Deck Crane**: 1 x 2.5 t, 1 x 1.5 t
- **Hydraulic A Frame**: 1 x 6.0 t
- **Hydraulic Winch**: 1 x 5.0 t
- **Towing Davit**: 1 x 0.5 t

#### Communications
- **MF / HF**: Skanti TRP 1000
- **VHF**: Furunio FM-8800S & Skanti VHF-1000
- **Satcom**: Inmarsat Mini M
- **Weather Forecasting**: Furunio Navtex NX-700A, Worldwide GMDSS A3

#### Survey Equipment
- **Echo Sounder**: Simrad EA500
- **Multibeam Echo Sounder**: Simrad EM300 & Simrad EM1002
- **Sound Velocity Probe**: 2 x Midas SVX2, Sippican
- **Side Scan Sonar**: Edgetech 4200
- **Sub Bottom Profiler**: Geoaoustics hull-mounted 18 element array
- **Magnetometer**: Skanti G-882 Magnetometer
- **Mini Air Gun Energy Source**: 10 cu in sleeve air gun / wave shape kit
- **Firing Control**: Syntron GCS 90
- **Hydrophone**: Benthos 50/24p & 15/10p
- **Streamrider**: Dicigorse 5010 & 5011
- **Logging / Digital Processing**: HTO NTRS2 240 Channel
- **Seismic Recording System**: HTI Seamux, Gel filled 600m @ 6.25m GPI, up to 3km @12.5m GPI
- **Multi Channel Streamer**: HTO NTRS2 240 Channel
- **Gun Source Arrays**: Ti sleeve, 140 cu in & Q 500 cu inch
- **Compressors**: 4 x Harworthy (Pressure 138 bar)
- **Network**: 1.0 G Cisco local computer network
- **Geotechnical Capability**: CPT’s
- **Environmental Capability**: Day / Van Veen Grabs, Stills & Video Camera. Box Corers - several options can be mobilised
- **Seabed Sampling**: 3m Gravity Corer, Grab Sampler
- **ROV Capability**: Several options can be mobilised

Information may be subject to change without prior notice

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**Fugro NV**  
Veurse Achterweg 10  
2264 SG, Leidschendam  
The Netherlands  
Telephone : +31 (0) 70 311 1422  
Email : offshoresurvey@fugro.com

More information available at [WWW.FUGRO.COM](http://WWW.FUGRO.COM)