



BGP CHALLENGER

General

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|--------------------|--------------------------------|
| Port of Registry: | Panama |
| Flag: | Panama |
| Class: | ABS |
| Year of Built: | 2009 |
| Length: | 55.0 m |
| Breadth: | 13.8 m |
| Draft (min / max): | 4.25 m / 4.75 m |
| Gross Tonnage: | 1987 |
| Speed: | 11 knots |
| Fuel Capacity: | 500 m ³ |
| Water Capacity: | 151 m ³ |
| Water Maker: | Reverse osmosis 10 tons / day |
| Main Engine: | Niigata 6MG25HX, 2 x 1800 BHP |
| Bow Thruster: | 5.0 T fixed pitch type |
| Auxiliary Engines: | 2 x Volvo D12-AUX, 1 x Cummins |
| Generators: | 2 x 245 kw, 1 x 500 kw |
| Propeller Type: | 2 sets, fixed pitch propeller |
| Accommodation: | 45 persons |
| Single: | 5 cabins |
| Double: | 12 cabins |
| Four: | 4 cabins |
| Life Boat: | 6 x 20 men |
| Crane: | 3 ton, 12 m |



Streamer / Cable

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|-------------------------|---|
| Manufacturer: | ION |
| Type: | DigiSTREAMER |
| Section Length: | 100 m |
| Group Interval: | 12.5 m |
| Streamer Configuration: | 1 x 12000 m or 2 x 6000 m |
| Hydrophone Type: | Teledyne T2BX style; water-resistant |
| Hydrophones / Group: | 8 |

Vessel Navigation & Communication

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| Radar: | 1 x Furuno FR-2115 with RP250 AIS Interface 1 x Furuno FR-1510MK3 |
| Communications: | Inmarsat C, F and VSAT |
| Gyro Compass: | Anschutz STD22 |
| Auto Pilot: | Raytheon NP 60 |
| Echo Sounder: | EA600 |
| GPS Receiver: | Furuno 150 |
| Speed Log: | Walker 4020 |
| Weather Facsimile: | Debeg 2952 |

Navigation Equipment

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|-------------------------------------|-----------------------|
| Manufacturer: | Concept Systems (ION) |
| Integrated Navigation System (INS): | Spectra v.12.11.1 |
| Navigation Processing: | Sprint v.4.3.7 |
| Binning Software: | Reflex 1.10.2 |
| Depth Controller: | Digicourse 5011E |
| Compass System: | Digicourse 5011E |
| Streamer System: | DigiFIN 5120 |
| Primary DGPS: | Veripos Ultra |
| Secondary DGPS: | Veripos Standard Plus |
| Tail Buoy & Source Positioning: | Seamap RGPS |

Recording Instrument

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| Manufacturer: | ION |
| Type: | DigiSTREAMER |
| No. of Channels: | 960 CH |
| Sample Rate: | 1, 2, 4 ms |
| Low-cut filters: | 2 Hz @ 6 dB / octave; single-pole; analog / selectable, digital, IIR filters in IBM |
| Recording Media: | IBM 3592 |
| Plotter: | OYOGS6-24 |

Source Equipment

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|----------------------|----------------------------------|
| Airgun Type: | BOLT Long Life Air Gun |
| No. of Arrays: | 2 |
| Array Volume (max): | 1 x 5680 cu.in.; 2 x 2840 cu.in. |
| Compressor: | 3 x LMF31 / 138-207D |
| Compressor Capacity: | 3 x 1100 cfm |
| Operating Pressure: | 2000 psi - 3000 psi |
| Source Controller: | Bigshot |

Onboard Processing

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|----------------------|------------------------|
| Workstation: | HP xw8600 Workstation |
| Processing Software: | ProMAX 2003.12.1 |
| Manufacturer: | Landmark (Halliburton) |