



BGP EXPLORER

General

Port of Registry:	Panama
Flag:	Panama
Class:	ABS
Year of Built:	2010
Length:	64 m
Breadth:	16 m
Draft (min / max):	4.35 m / 4.75 m
Gross Tonnage:	2800
Speed:	12 knots
Fuel Capacity:	700.5 m ³
Water Capacity:	160.32 m ³
Water Maker:	11.5 tons / day
Main Engine:	Niigata 6MG25HX 2 x 1800 BHP
Bow Thruster:	5.0 T fixed pitch type
Auxiliary Engines:	Volvo D12-AUX 2 x 250 BHP
Generators:	2 x 245 kw, 2 x 500 kw
Propeller Type:	2 sets, fixed pitch propeller
Accommodation:	49 persons
Single:	17 cabins
Double:	8 cabins
Four:	4 cabins
Life Rafts:	Throwover / 6 x 25 & 2 x 1
FRC:	Rescue boat DSB-3.9 SR / IRB
Work Boat:	25 ft, Norpower, 180 hp
Crane:	5 ton, 12 m



Streamer / Cable

Manufacturer:	Sercel
Type:	Sentinel® Solid Active Section (SSAS)
Section Length:	150 m
Group Interval:	12.5 m
Max. No. of Streamer vs Streamer Length:	1 x 12 km, 2 x 8 km, 3 x 6 km, 4 x 4.5 km
Hydrophone Type:	Sercel Flexible Hydrophone
Hydrophones / Group:	8

Navigation Equipment

Manufacturer:	Concept Systems (ION)
Integrated Navigation System (INS):	Spectra v.12.11.1
Navigation Processing:	Sprint v.4.3.7
Depth Controller:	Digicourse 5011
Compass System:	Digicourse 5011
Streamer Steering:	5120 Digi-Fin
Vessel Positioning (DGPS):	LD2 Veripos DGPS System
Tail Buoy & Source Positioning:	Seatrack 220
Gyro Compass:	SPERRY MK1 2SETS

Vessel Navigation & Communication

Radar:	Furuno FR-2115 with RP250 AIS Interface Furuno FR-1505 MK3 Furuno FR-2827 X-band 25 kw
Communications:	Inmarsat C, F and VSAT
Gyro Compass:	Anschutz STD22
Auto Pilot:	Raytheon NP 60
Echo Sounder:	SKIPPER ED165
GPS Receiver:	Furuno GP-150
Speed Log:	Walker 4020LOG
Weather Facsimile:	SAM Electronics Debeg 2952

Recording Instrument

Manufacturer:	Sercel
Type:	Seal 5.2
No. of Channels:	960 CH
Sample Rate:	0.25, 0.5, 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:	V24 ISYS Thermal Plotter

Source Equipment

Airgun Manufacturer:	Sercel
Type:	GII-GUN
No. of Arrays:	2
Array Volume (max):	1 x 5200 cu.in., 2 x 3480 cu.in.
Sub-Arrays / Array:	3 x 2
Sub-Array Separation:	10 m + / - 2 m
Compressor Manufacturer:	Leobersdorfer Maschinenfabrik AG Wien, Austria
Model:	3 x LMF31 / 138-207D
Compressor Capacity:	3 x 31 m ³ / min
Operating Pressure:	2000 psi - 3000 psi
Source Controller:	Bigshot

Onboard Processing

Processing CPU:	12 + 3 + 1 (INTEL XEON Westmere-EPX5550 x 2 @ 2.67 GHz)
Processing Software:	ProMAX R5000
Manufacturer:	Landmark (Halliburton)