



BGP PIONEER

General

Port of Registry:	Panama
Flag:	Panama
Class:	Lloyds Registry
Year of Built:	2006
Length:	83.7 m
Breadth:	19.5 m
Draft (min / max):	5.75 m / 7.40 m
Gross Tonnage:	5739
Speed:	13 knots
Fuel Capacity:	1686 m ³
Water Capacity:	305 tons
Water Maker:	Vapra, 20 tons / day
Main Engine:	1 x Wichmann 12V28B 1 x 3960 kw / 620 r / min
Bow Thruster:	Brunvoll 500 hp
Auxiliary Power:	2 x Caterpillar 3516B, 1 x Caterpillar 3412AT
Electrical Power:	3600 kw
Accommodation:	60 persons
Single:	32 cabins
Double:	13 cabins
Client:	2 cabins
Life Boat:	NIL
Life Rafts:	8 x Viking 25 man
Work Boat:	25 ft Norpower, 180 hp
Crane:	8 ton, 18 m
Incinerator:	OGS-200C



Streamer / Cable

Manufacturer:	Sercel
Type:	Seal Digital and Sentinel Solid Streamer
Section Length:	150 m
Group Interval:	12.5 m
Streamer Configuration:	6 x 8000 m
Hydrophone Type:	Fluid: Benthos Geopoint or Vinci NH 95-200 Solid: Sercel Flexible Hydrophone Solid 8; Fluid 16
Hydrophones / Group:	

Vessel Navigation & Communication

Radar:	1x FURUNO FAR-2827, 25 kw ARPA X-Band, FURUNO FAR-28375, 30 kw ARPA S-Band
Communications:	Inmarsat C SATR VSAT, WNI-M IRIDIUM
Gyro Compass:	Navigat x MK1
Auto Pilot:	C-Joy Kongsberg
Echo Sounder:	EA600
GPS Receiver:	FurunoGP-150, GP-30 x 2
Navtex:	Furuno NX-700
Weather Facsimile:	FURUNO FAX 408

Navigation Equipment

Manufacturer:	Concept Systems (ION)
Integrated Navigation System (INS):	Spectra™
Navigation Processing:	Sprint™
Binning System:	Reflex™
Streamer Compass & Depth System:	Digicourse 5011E
Acoustic System:	Digirange II, DigiCOURSE 5110 CMX
Streamer System:	Digi-Fin 5120
Primary DGPS:	Veripos Ultra
Secondary DGPS:	Veripos Standard Plus
Tail Buoy & Source Positioning:	Seamap RGPS

Recording Instrument

Manufacturer:	Sercel
Type:	Seal
No. of Channels:	640 CH x 6
Sample Rate:	0.25, 0.5, 1, 2, 4 ms
Filter Settings:	Analog 3 hz @ 3db / oct, 0.8 NF (linear or minimum phase)
Recording Media:	IBM 3592
Plotter:	V 24

Source Equipment

Type:	G-Gun, Sercel
No. of Source:	2 x 3
Array Volume:	3400 cu.in. (adjustable Max 4280 cu.in.)
Compressor:	3 x LMF51 / 138-207D
Compressor Capacity:	3 x 1800 cfm
Operating Pressure:	2000 psi - 3000 psi
Source Controller:	Bigshot

Onboard Processing

Processing CPU:	64 CPU (32 nodes), IBM
Processing Software:	ProMAX 2003.12.1, Landmark