



BGP PROSPECTOR

General

Port of Registry:	Nassau
Flag:	Bahamas
Class:	DNV
Year of Built:	2011
IMO Number:	9545986
Length:	100 m
Breadth:	24 m
Draft (min / max):	6.4 m / 7.3 m
Gross Tonnage:	11080
Economy Speed:	15 knots
Fuel Capacity:	3400 m ³
Water Capacity:	300 m ³
Water Maker:	30 tons / day
Main Engine:	2 x RRM Bergen B32:40L8P CD, 2 x 4000 kw
Bow Thruster:	DPN power 883 kw
Auxiliary Engines:	2 x RRM Bergen C25:33L9A
Generators:	2 x 2880 kw
Propeller Type:	2 x RRM Kamewa Ulstein
Accommodation:	66 persons
Single:	28 cabins
Double:	19 cabins
Life Rafts:	2 x 20 person, davit launch type
Life Boat:	2 x 35 person Norsafe
Crane:	2 x 12 tons at 20 m radius 2 x 3 tons at 12 m radius
FRC:	1 x Norsafe 750
Workboat:	2 x Norpower 30 ft



Streamer / Cable

Manufacturer:	ION
Type:	DigiSTREAMER
Section Length:	100 m
Group Interval:	12.5 m
Streamer Configuration:	12 x 8000 m
Hydrophone Type:	Teledyne T-2BX
Hydrophones / Group:	8

Navigation Equipment

Manufacturer:	Concept Systems (ION)
Integrated Navigation System (INS):	Orca v.v1.7.1
Navigation Processing:	Integrated in ORCA
Binning Software:	Integrated in ORCA
Depth Controller:	Digicourse 5011E / 5010
Compass System:	Digicourse 5011E
Streamer Steering:	Digi-Fin 5120
Primary DGPS:	Veripos Ultra
Secondary DGPS:	Veripos Standard Plus
Tail Buoy & Source Positioning:	Kongsberg Seatrack

Vessel Navigation & Communication

Radar:	Kongsberg, S-Band 30 kw Kongsberg, X-Band 25 kw
Communications:	Inmarsat C, F and VSAT
Gyro Compass:	Sperry Navigat x MK1 x 2
Auto Pilot:	Kongsberg K-Pos and K-Bridge
Echo Sounder:	Kongsberg EA600, Skipper GDS101
GPS Receiver:	Furuno GP-150
Speed Log:	Furuno DS-80
Weather Facsimile:	Furuno Fax-80

Source Equipment

Airgun Type:	GII-GUN / Sercel
No. of Arrays:	2
Array Volume (max):	2 x 5620 cu.in.
Compressor:	3 x LMF 62s / 138-207-E
Compressor Capacity:	3 x 2200 cmf
Operating Pressure:	2000 psi - 3000 psi
Source Controller:	Digishot ION

Recording Instrument

Manufacturer:	ION
Type:	DigiSTREAMER
No. of Channels:	640 CH x 12
Sample Rate:	1, 2, 4 ms
Recording Media:	IBM 3592
Plotter:	OYO GS636-2
Digistreamer Software:	Version 3.1

Onboard Processing

Processing CPU:	96 CPU (48 nodes) IBM x 3550 M3
Processing Software:	ProMAX R5000 Landmark