

Appendix - Fleet

BGP PROSPECTOR

Clean-Design High-Capacity 3D Seismic Vessel



General	
Port of Registry:	Nassau
Flag:	Panama
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:	10732
Economy Speed:	15 knots
Fuel Capacity:	3400 m ³
Main Thruster:	2 x RRM Bergen B32:40L8P CD 2 x 4000 kw
Bow Thruster:	TT 200 Rolls Royce 883 kw
Auxiliary Engine:	2 x RRM Bergen C25:33L8A CD
Generators:	Main generator 2 x 2880 Kw Shaft generator 2*2765 Kw
Accommodation:	66 persons
Life Rafts:	6x 35 person, davit launch type
Life Boat:	2 x 35 person Norsafe
Workboat:	2 x Norpower 30 ft
FRC:	1* Norsafe Magnum 750

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

Recording Instrument	
Manufacturer:	Sercel
Type:	Seal 428 System
No. of Channels:	640 CH x 12
Sample Rate:	0.25, 0.5, 1, 2, 4 ms
Recording Media:	IBM 3592

Streamer	
Manufacturer:	Sercel
Type:	Solid Streamer
Section Length:	150 m
Group Interval:	12.5 m
Streamer Configuration:	12 x 8000 m
Hydrophone Type:	Sercel Flexible Hydrophone
Hydrophones / Group:	8

Navigation Equipment	
Manufacturer:	ION
Integrated Navigation System :	ORCA V.1.12.1
Navigation Processing:	Iris&Sprint
Binning Software:	Reflex
Depth Controller:	DigiCOURSE 5011E/ 5110
Compass System:	DigiCOURSE 5011E
Acoustic System:	DigiRANGE II, CMX
Streamer Steering:	DigiFIN 5120
Primary DGPS:	Veripos Ultra
Secondary DGPS:	Veripos Apex
Tail Buoy & Source Positioning:	Kongsberg Seatrack

Source Equipment	
Manufacturer:	Sercel
Type:	G.GUN II
No. of Sub-array:	8
Array Volume:	2 x 5660cu.in.
Compressor:	3 x LMF 62s / 138-207-E60
Compressor Capacity:	3 x 2200 cfm
Operating Pressure:	2000 psi - 3000 psi
Source Controller:	SmartSource

Onboard Processing	
Processing CPU:	96 CPU (48 nodes) IBM x 3550 M3
Processing Software:	GeoEast 3.0.5, KL-Streamer