

# BGP CHALLENGER



**BGP Inc.**



## General

**Port of Registry:** Panama  
**Flag:** Panama  
**Class:** ABS  
**Length:** 55.0m  
**Breadth:** 13.8m  
**Draft: (min/max):** 4.25m/4.75m  
**Gross Tonnage:** 1987Grt  
**Speed:** 11 Knots

**Fuel Capacity:** 500m<sup>3</sup>  
**Water Capacity:** 151m<sup>3</sup>  
**Water Maker:** Reverse osmosis 10tons/day  
**Main Engine:** Niigata 6MG25HX, 2 x 1800 BHP  
**Bow Thruster:** 5.0 T fixed pitch type  
**Auxiliary Engines :** Volvo D12-AUX  
**Generators** 2 x 245Kw Cummins, 1 x 500 Kw  
**Propeller Type :** 2 sets, Fixed pitch propeller

**Accommodation:** 45persons  
**Single:** 5 cabins  
**Double:** 12cabins  
**Four:** 4 cabins

**Life Boat:** 6 x 20 men  
**Crane:** 3Ton, 12m

## Vessel Navigation & Communication

**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

## Recording Instruments

**Manufacturer:**  
**Type:**  
**No. of Channels:**  
**Sample Rate:**  
**Low-cut filters :**

**Recording Media:**  
**Plotter:**

### Streamer / Cable:

**Manufacturer:**  
**Type:**  
**Section Length:**  
**Group Interval:**  
**Streamer Configuration:**  
**Hydrophone Type:**  
**Hydrophones/Group:**

### Navigation Equipment:

**Manufacturer:**  
**Integrated Navigation System (INS):**  
**Navigation Processing:**  
**Binning Software**  
**Depth Controller:**  
**Compass System:**  
**Streamer System:**  
**Primary DGPS**  
**Secondary DGPS**  
**Tail Buoy & Source Positioning:**

### Source Equipment:

**Airgun Type :**  
**No. of Arrays:**  
**Array Volume (max):**  
**Compressor :**  
**Compressor Capacity:**  
**Operating Pressure:**  
**Source Controller:**

### Onboard Processing:

**Workstation:**  
**Manufacturer:**  
**Processing Software:**  
**Manufacturer:**

ION  
DigiSTREAMER  
960 CH  
1, 2 and 4ms  
2 Hz @ 6 dB/octave; single-pole; analog / selectable, digital, IIR filters in IBM 3592  
OYOGS6-24

ION  
DigiSTREAMER Solid  
100m  
12.5m  
1X12000m or 2 X6000m  
Teledyne T2BX style; water-resistant  
8

Concept Systems (ION)  
Spectra v. 12.11.1  
Sprint v. 4.3.7  
Reflex 1.10.2  
Digicourse 5011E  
Digicourse 5011E  
DigiFIN 5120  
Veripos Ultra  
Veripos Standard Plus  
Seamap RGPS

BOLT long Life Air Gun  
2  
1\*5680 cu.in; 2\*2840 cu.in.  
3x LMF31/138-207D  
3x1100cfm  
2,000-3000PSI  
Bigshot

HP xw8600 Workstation  
IBM  
ProMAX 2003.12.1  
Landmark (Halliburton)

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