

MV BGP Pioneer



BGP Marine, CNPC



General

Port of Registry: Panama
Flag: Panama
Class: Lloyds Registry
Length: 83.7m
Breadth: 19.5m
Draft: (min/max) 5.75m / 7.4m
Gross Tonnage: 5,578
Speed: 13 knots

Fuel Capacity: 1,748 cu.m
Water Capacity: 278 metric tons
Water Maker: Osmosis, 20t/day
Main Engine: 1 x Wichmann 12V28B
3960kw / 620r/min
Bow Thruster: Brunvoll 500hp
Auxiliary Power: 2 x Caterpillar 3516B,
1 x Caterpillar 3412AT
Electrical Power: 3600kw

Accommodation: 60 persons
Single: 32 cabins
Double: 13 cabins
Client: 2 cabins

Life Boat: Norsafe Mako 655, 164hp
Life Rafts: 6 x Viking 25 man
Work Boat: 25ft Norpower, 180hp
FRC: Norsafe
Crane: 2t forward, 8t aft
Incinerator: OGS-200C

Vessel Navigation & Communication

Radar: 1 x Furuno FAR 28355
1 x Kelvin Hughes Nucleus,
6000A

Communications: Inmarsat C and F, VsAT,
Norsat

Gyro Compass: Navigat x MK1
Auto Pilot: C-Joy
Echo Sounder: EA600
GPS Receiver: Furuno
Navtex: Furuno NX-700
Weather: Robotics

Recording Instruments

Manufacturer: Sercel
Type: Seal
No. of Channels: 1,020 / streamer
Sample Rate: 0.25, 0.50, 1, 2 and 4ms
Filter Settings: Analog 3hz@3db/oct, 0.8 NF (linear
or minimum phase)
3592
Oyo 624

Recording Media:
Plotter:

Streamer / Cable:

Manufacturer: Sercel
Type: Seal digital streamer and Sentinel
solid streamer
Section Length: 150m
Group Interval: 12.5m
Max No. of Streamer vs Streamer Length: 6X8000m
Hydrophone Type: Benthos Geopoint or Vinci NH 95-200
Hydrophones/Group: 16

Navigation Equipment:

INS Manufacturer: ION
Real Time Positioning: Spectra™
Post Processing: Sprint™
Depth Controller: DigiCourse 5011
Compass System: DigiCourse 5011
Acoustic System: DigiRange II, DigiCOURSE 5110
Differential Positioning: (DGPS) Veripos Subsea 7
Tail Buoy Positioning: Seamap RGPS

Source Equipment:

Airgun Manufacturer: Sercel
Type: G-Gun
No. of Arrays: 2
Array Volume: 3400 cu.in
Sub-Arrays/Array: 3
Sub-Array Separation: 8m
Compressor Manufacturer: LMF
Type and no.: LMF51/138-207-D x 3
Compressor Volume:(scfm) 51m³/min x 3
Operating Pressure: 2,000psi-3000psi
Source Controller: Bigshot, ION

Onboard Processing:

Processing CPU: 64CPU (32nodes)
Manufacturer: IBM
Processing Software: ProMAX 12.1.1.1
Manufacturer: Landmark Graphics