

BGP Surveyor



BGP Marine, CNPC



General

Port of Registry: Tianjin, China
Flag: Chinese
Class: CCS
Length: 65.82m
Breadth: 13.8m MAX18m
Draft: (min/max) 3.5 / 3.80 m
Gross Tonnage: 2257T
Speed: 13.5 knots

Fuel Capacity: 416 m³
Water Capacity: 180.m³
Water Maker: 10 tonnes / day
Main Engine: 960Kw × 2 MAN B&W

Bow Thruster: Schottel, 330KW
Auxiliary Power: 3 × Cummins& Siemens
Electrical Power: 3 x 500Kw

Accommodation: 45 berths
Single: 10
Double: 6
Client: 2

Life Boat: Zejiang 6 persons
Life Rafts: 4 x 15 + 4 X 20 persons
Work Boat: Norpower(4 persons)
FRC: MAK0625(1x 6persons)
Crane: 47500 LBs AT 39FT

Incinerator: YES

Vessel Navigation & Communication

Radar: Two X-band c/w ARPA

Communications: VSAT
Gyro Compass: TG-8000 TOKIMEC JP
Auto Pilot: pr-6000 tokimec jp
Echo Sounder: Knudsen 320M
Navigation: NX-700
Navtex: FAX-207 FURUNO JP
Weather fax: Furunons-700a/b FELCOM15 FURUNO JP

Recording Instruments

Manufacturer: Sercel
Type: Seal v5.0 Marine Data Acquisition Sys.
No. of Channels: 648
Sample Rate: 0.25, 0.5, 1,2 or 4 ms
Filter Settings: 3hz@6db/oct.—80% Nyquist
Recording Media: IBM 3592
Plotter: OYO GS624 ISYS

Streamer / Cable:

Manufacturer: Sercel
Type: Sentinel® Solid streamer
Section Length: 150 meters
Group Interval: 12,5 meters
Max. No. of Streamer vs Streamer Length: 1X12000m or 2X6000m
Hydrophone Type: Benthos Geopoint or Vinci NH 95-200
Hydrophones/Group: 16

Navigation Equipment:

INS Manufacturer: Concept Systems (ION)
Real Time Positioning: Spectra
Post-processing: Sprint v. 4.3.3
Depth Controller: DigiCOURSE 5011E

Compass system: DigiCOURSE 5011E
Acoustic System: Digirange II, DigiCOURSE 5110
Differential Positioning: (DGPS) Thales Navigation DG14/16, Z-Family, NR203; Topcon Legacy Receiver

Source Equipment:

Airgun Manufacturer: Sercel
Type: G gun,
No. of Arrays: 1
Array Volume: 4060 cubic
Sub-Arrays/Array: 3 -1250in³ x 2 and 1560in³ x 1
Sub-Array Separation: Leobersdorfer Maschinenfabrik AG Wien, Austria
Compressor Manufacture: 3 x LMF 31 / 138-207 D / .3 x Caterpillar 3508 diesel drive
Type and no: 2000 psi-3000psi
1100 x 3

Operating pressure:
Capacity in SCFM:

Onboard Processing:

Processing CPU: 12 (AMD 2.6G Hz x 2) + 2(Intel 3.4G Hz x 2)
Manufacturer: IBM
Processing Software: ProMax
Manufacturer: Landmark Graphics