

# DONG FANG KAN TAN NO.2 (BGP Researcher)



## BGP Inc



### General

Port of Registry: Tianjin Port  
Flag: China  
Class: CCS  
Length: 65.82m  
Breadth: 13.8m  
Draft: (min/max) Min/max : 3.5/3.80 m  
Gross Tonnage: 2142T  
Speed: 12.5 knots

Fuel Capacity: 416 cu.m.  
Water Capacity: 150 tons  
Water Maker: 10 tons/day  
Main Engine: 2 x Man B&W6L23/30A  
2 x 960Kw

Bow Thruster: 330KW Schottel  
Auxiliary Power: 3xCummins & Siemens  
Electrical Power: 500Kw

Accommodation: 45 beds  
Single: 10  
Double: 6 x 2 + 5 x 4  
Client: 3

Life Boat: Zhejiang 6 persons  
Life Rafts: Youlong (140persons)  
Work Boat: N/A

FRC: Norsafe (1x6persons)  
Crane: 47500 LBs AT 39FT

Incinerator: YES

### Vessel Navigation & Communication

Radar: Two X-band w/ARPA

Communications: VSAT  
Gyro Compass: TG-8000 TOKIMEC JP  
Auto Pilot: PR-6314A-ZZ TOKIMEC JP  
Echo Sounder: EA600  
GPS Receiver: GP-90D FURUNO JP  
Navtex: NX-700B/  
Weather: FAX-207 FURUNO JP

### Recording Instruments

Manufacturer: OYO Geospace  
Type: GeoRes-Imagine  
No. of Channels: 1320 channels@2ms  
Sample Rate: 1/4, 1/2, 1, 2, 4ms  
Filter Settings: 80%Nyquist  
Recording Media: IBM 3592  
Plotter: OYO GS624

### Streamer / Cable:

Manufacturer: OYO Geospace  
Type: Geores SubSea Sensor Array Cable  
Section Length: 1000 m  
Group Interval: 50 m  
Max. Streamer Length: 19.2 km  
Hydrophone Type: DEEPENDER 5000-X  
Hydrophones/Group: Digitized 4C Sensor  
Geophone Type: OMNI-X-LT Geophone

### Navigation Equipment:

Manufacturer: Concept Systems (ION)  
Integrated Navigation System (INS): Gator™  
Acoustic System: Sonardyne  
Vessel Positioning: (DGPS) Aquarius-01,2+3

### Source Equipment:

Airgun Manufacturer: Bolt  
Type: Bolt 8500 APG gun  
No. of Arrays: 1  
Array Volume: 3000 cubic inch

Sub-Arrays/Array: 2x3, 950 cubic inch , 1x1100 cubic inch  
Sub-Array Separation: 8m  
Compressor Manufacture: LMF  
Model: 1xLMF 20/138-175D,1xLMF215/138-207D  
Compressor Capacity: 1x707cfm+1x742cfm  
Operating pressure: 2000-2500psi

### Onboard Processing:

Processing CPU: Single CPU, UltraSPARCIII  
Manufacturer: SUN  
Processing Software: ProMAX 12.1.1.1  
Manufacturer: Landmark Graphics

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