



DONG FANG KAN TAN NO.2



General

Port of Registry:	Tianjin Port
Flag:	China
Class:	CCS
Year of Built:	2007
Length:	65.82 m
Breadth:	13.8 m
Draft (min / max):	3.5 m / 3.8 m
Gross Tonnage:	2142
Speed:	12.5 knots
Fuel Capacity:	416 m ³
Water Capacity:	150 tons
Water Maker:	10 tons / day water maker
Main Engine:	2 x Man B & W6L23 / 30A
Bow Thruster:	330 kw Schottel
Auxiliary Power:	3 x Cummins & Siemens 500 kw
Accommodation:	45 berths
Single:	10
Double:	6
Four:	5
Client:	3
Life Boat:	Zejiang 6 persons
Life Rafts:	Youlong (140 persons)
Work Boat:	N/A
FRC:	Norsafe (1 x 6 persons)
Crane:	47500 LBs AT 39FT
Incinerator:	YES

Vessel Navigation & Communication

Radar:	Two X-band RADAR w / ARPA
Communications:	VSAT
Gyro Compass:	TG-8000 TOKIMEC JP
Auto Pilot:	PR-6314A-ZZ TOKIMEC JP
Echo Sounder:	FE-700 FURUNO JP 2 x GPS
GPS Receiver:	GP-90D FURUNO JP
Navtex:	NX-700B
Weather:	FAX-207 FURUNO JP

Recording Instrument

Manufacturer:	OYO Geospace
Type:	GeoRes-Imagine
No. of Channels:	1320 channels @ 2 ms
Sample Rate:	0.25, 0.5, 1, 2, 4 ms
Filter Settings:	80% Nyquist
Recording Media:	IBM 3590
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:	OBC 12 - 7815 Transponder
Vessel Positioning (DGPS):	Aquarius-01, 2 + 3

Source Equipment

Airgun Manufacturer:	Bolt
Type:	Bolt 8500 APG Gun
Model:	DIGIshot , windows xp version
No. of Arrays:	1
Array Volume:	3000 cu.in.
Sub-Arrays / Array:	2 x 3950 cu.in., 1 x 1100 cu.in.
Sub-Array Separation:	8 m
Compressor Manufacture:	Leobersdorfer Maschinenfabrik AG Wien Austria
Model:	Piston, LMF 20 / 138-175D, 1LMF31 / 138-208D
Compressor Capacity:	700 / 1100
Operating Pressure:	2000 psi - 2500 psi

Onboard Processing

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