



DONG FANG KAN TAN NO.1



General

Port of Registry:	Tianjin, China
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:	2257
Speed:	13.5 knots
Fuel Capacity:	393 m ³
Water Capacity:	184 m ³
Water Maker:	10 tons / day
Main Engine:	2 x Man B & W6L23 / 30A, 2 x 960 kw
Bow Thruster:	Schottel, 330 kw
Generators:	3 x Cummins & Simens 3 x 500 kw
Accommodation:	47 beds (10 single cabins)
Life Rafts:	4 x 15 + 4 x 20 persons
Work Boat:	NORPOWER 25 feet
FRC:	MAKO 625 (1x 6 persons)
Crane:	3 ton, 12 m
Incinerator:	YES

Vessel Navigation & Communication

Radar:	Two X-band c/w ARPA
Communications:	Inmarsat C, F and VSAT
Gyro Compass:	TG-8000 TOKIMEC JP
Auto Pilot:	PR-6314A-ZZ TOKIMEC
Echo Sounder:	EA600
Speed Log:	TD-310 TOKIMEC JP
Navtex:	NX-700B
Weather Fax:	FAX-207 FURUNO JP

Recording Instrument

Manufacturer:	Sercel
Type:	Seal v.5.1
No. of Channels:	816 + 24 Auxiliary
Sample Rate:	0.25, 0.5, 1, 2, 4 ms
Low-cut Filter:	Analogue 3 Hz, 6 dB / octave
Recording Media:	IBM 3592

Streamer / Cable

Manufacturer:	Sercel
Type:	Sentinel® Solid Streamer
Section Length:	150 m
Group Interval:	12.5 m
Streamer Configuration:	1 x 12000 m
Hydrophone Type:	Sercel Flexible Hydrophones
Hydrophones / Group:	8

Navigation Equipment

Manufacturer:	Concept Systems (ION)
Integrated Navigation System (INS):	SPECTRA v.10.9.01
Navigation Processing:	Sprint v.4.3.5
Depth Controller:	DigiCOURSE 5011E
Compass System:	DigiCOURSE 5011E
Acoustic System:	Digirange II, DigiCOURSE System 3
Primary DGPS:	Veripos Ultra
Secondary DGPS:	Veripos Standard Plus
Tail Buoy & Source Positioning:	Seamap RGPS

Source Equipment

Type:	GII-Gun
No. of Arrays:	2
Sub-Arrays / Array:	3
Source Volume:	2 x 3400 cu.in., 4060 cu.in., 5340 cu.in.
Compressor:	3 x LMF 31 / 138-207 D
Operating Pressure:	2000 psi - 3000 psi

Onboard Processing

Processing CPU:	12 (AMD 2.6 GHz x 2) + 2 (Intel 3.4 GHz x 2)
Processing Software:	ProMAX 2003.12.1, Landmark Graphics