



# HAI YANG SHI YOU 718

## □ SAFETY

Full compliance with maritime regulations and industry standards(E&P Forum/IAGC/SOLAS)

Self regulating HSE management system by means of company commissioned external audits.Implementation ISM (international safety management) modelsPurpose designed SOLAS satandard work-boat plus FRC/MOB craft.

Outboard paravane stowage and deployment

Back up emergency retrieval power system

Back deck working areas with non-slip decking and video monitoring

Full coverage foam systems and fire monitoring system.ARPA radar system.

## Specification of vessel

Name	Hai yang shi you 718
Built/rebuilt	2001/2006
Port of Registry	Tianjin China
Call sign	BFNC
Classification	CCS
Length/Beam/Draft	78m*18m*6m
Gross tonnage	3007 Tons
Operating range	42 Days
Beds	60+1Hospital
Main engines	8N280-EV 2*3200hp
Propulsion	Variable pitch
Thrusters	90KN*2
Stern thrusters	60KN*2
Fuel capacity	1350Cu.meters
Fresh water capacity	640 Tons
Cruising	12kt
Helideck	18*18 Meter rated for Super Puma 3228Bell 212ST
Radar	1*Furuno FAR2825 1*Furuno FAR2835 1*RAYTHEON M34 APPA
Gyro compass	Gyro-Compass 1*RG-12 RDR-75 RDR-68 1*SG Brown 1000B
Echo sounder	Simrad EA-600
GPS	2*GP80
Marisat	KU
VHF/SSB	GMDSS
MOB boat	MP-741 *2

## Production Capacity

High streamer capacity	6
Streamer Channels	6×480
Streamer length	6×6000 meters
Multiple sources	2
High outer streamer separation	500 meters
High Relusition	Yes

## Seismic recording system

<b>Streamer</b>	
Manufactory/Type	SERCEL/RD
Hydrophone	Exportable SLH20

Hydrophone group	8@12.5m
Streamer depth controller	ION PCS
Available group lengths	12.5 meters

## Instrument

MManufactory/Type	SERCEL/Seal 408
Tape format	SEG-D 8058
Aux channels	60
Low cut	Analog 3Hz
High cut	0.8FN(Linear or Minimum Phase)
Sample rates	0.25, 0.5, 1, 2, 4ms
Recording drive	IBM3592*6

## Navigation System

Navigation system	ORCA
Binning system	Integrated in ORCA
Acoustic system	ION PCS
Offline processing system	Integrated in ORCA

## Energy Source

Multiple sources	2
Type of guns	G.GUNII
Volume per Sources	3530 cu.in
Production pressure	2000PSI
Max.no.of sub.arrays	8
Gun controler	DigiSHOT
Compressor type	LMF31/138/D

## Onboard 2D&3D Seismic Processing

Hardware	SUN URTAL80
Software	FOCUS 5.4 GEOVECTEUR PLUS
2D/3D Processing	QC and full offset 3D DMO stack onboard QC and/or full 2D production processing.-Near trace cube/RMS calculations/other seismic attributes
High speed datas transmit chain	Yes

## Gravity/magnetic system By client