



M/V HAI YANG SHI YOU 719

□ 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 719
Built/Rebuilt	2001/2008
Port of registry	Tianjin
Classification	CCS
Call sign	BFNG
Length/Beam/Draft	79.8m*18m*6.1m
Gross tonnage	4904tons
Endurance	45 Days
Accommodation	60
Main engines	2345kw*2
Propulsion	Variable pitch
Bow thruster	610kw*2
Fuel capacity	1360 tons
Fresh water capacity	405 tons
Anti-infiltration fresh water production system	24tons/day
Cruising	11k
Helideck	19.5m
Radar	1*FURONO FAR-2125,2*MANTA 2300
Gyro compass	TOKIMEC SH165-A1,SIMRAD RGC-12,GRUMMAN4914-CA
Echo sounder	FURONO FE-700
GPS	FURONO GP-80
VHF/SSB	FM8500*2,RGC-12*2
MOB boat	MP741*1

Production Capacity

High streamer capacity	8
Streamer Channels	8×480
Streamer length	8×6000 meters
Multiple sources	2
High outer streamer separation	700 meters
High Resolution	Yes

Seismic recording system

Streamer	
Manufactory/Type	SERCEL/SSAS
Hydrophon	Exportable Sercel Flexible Hydrophone
Hydrophone group	8@12.5m

Available group lengths	12.5 meters
Streamer depth controler	ION PCS
Lateral Control	Sercel Nautilus
Instrument	
Manufactory/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*4

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	GII GUN
Volume of Sources	4110 cu.in.
Production pressure	2000PSI
Max.No.of sub.arrays	6
Gun controler	DigiSHOT
Compressor type	LMF31S/138-207D

Onboard Seismic Peocessing

Hardware	IBM system X3650
Software	FOCUS 5.4
2D/3D processing	QC and full offset 3D DMO stack onboard, QC and/or full 2D production processing.Near trace cube/RMS caculations/other seismic attributes
High speed datas transmit chain	Yes

Gravity/Magnrtic system By client