



HAIYANGSHIYOU 720

□ SAFETY

Full Compliance with Maritime Regulations (SOLAS) and 《The Provision of Safe Operations on Offshore Petroleum Industry》.

Full Compliance with and Implement QHSE Management System by means of Company Commissioned External Audits.

Full Compliance with ISM Regulations and Implement SMS by means of Company Commissioned External Audits.

Full Compliance with and Implement ISPS by means of Company Commissioned External Audits.

Vessel Specification

Name	HAIYANGSHIYOU720
Built/rebuilt	2010 China
Port of registry	Tianjin
Call sign	BFAQ5
Classification	CCS
Length/Beam/Draft	107.4m*24/28m*7.5m
Gross tonnage	13061 tons
Endurance	62 Days
Accommodation	75
Main engin power suply	Diesel Electric
Propulsion	2 ea.WARTSILA W9L32x4500kW
Bow thruster	1200kw*1 set
Az-Thruster	1500kw*1 set
Fuel capacity	3281m³
Fresh water capacity	469m³
"Anti-infiltration water production system"	20m³/day
Crusing	16 knots
"Endurancespeed "	14 knots
Helideck	24.6*24.0m
Radar	x-band FAR2827,s-band FAR2837
Gyro compass	2 x MK 1
Echo sounder	FE-700
GPS	MX-510
Communication	KU
Radio station	Inmarsat C, F and VSAT
MOB boat	1 x Norpower 26ft

Production Capacity

Nuber of Streamers	Up to 12
Max traces	Up to 640*12
Max streamer length	8000m
Nuber of sources	2
Outer streamer separation	1100m
High Resolution	Yes

Seismic Recording System

Streamer

Manufactory/Type	SERCEL/RD
Hydrophone	Export Sercel Flexible
Hydrophone group	8@12.5m
Cable Depth Controller	ION PCS
Cable orientation Controller	5120 DigiFIN
Group interval	12.5m

Instrument

Manufactory/Type	SERCEL/Seal 428
Data format	SEG-D, 8058
Low cut	Analog 3HZ
High cut	0.8FN(linear or minimumphase)
Sample rates	0.25/0.5/1/2/4 (ms)
Recording driver	IBM 3592*6

Integrated Navigation system

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

Sources System

Number of Source	2
Type of Guns	GII-GUN
Max Volume Source	>5000cu. in
Operation pressure	3000psi
No. of gun arrays	6
Gun controller	DigiSHOT system, ION
Type of compressors	LMF 3 x LMF 62s/138-207-E60

Onboard Seismic Processing

Hardware	"Calculate node 18(2.66G Hz x 2)+1/Onode 4(2.66GHz x 2)"
Software	CGG GEOCLUSTER PROC.SYSTEM
2D/3D processing	QC and full offset 3D DMO stack, 2D processing and other seismic attributes, etc.

Gravity/Magnetic System

Gravity/Magnetic acquisition	By client
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