

COSL GIFT



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General Description

Design/Generation	Marine Structure Consultants/CJ46-X100-D
Constructing Shipyard	China Merchants Heavy Industry (Shenzhen) Co. Ltd.
Deliver Year/Upgrades	2013
Classification	ABS
Flag	Singapore
Overall Dimensions	214.1ft L×203.4ft W×26.25ft D
Legs.....	503ft. long; T r i a n g u l a r
Usable leg below hull	440ft
Spudcan diameter	52.5ft
Draft at loadline	14.9ft
Displacement at loadline	31325kips
Drilling VL.....	7726 kips
Cantilever Envelope	70ft±
2	0
f	t
Operating Water Depth	375ft
Max. Rating Drilling Depth	30,000ft
Accommodation	124 beds

Drilling Equipment

Derrick	NOV/NOVBOLTED H-BEAM 170'x35'x40', 1500Kips Hook Load
Simultaneous	
Setback + hook-load capacity	2400 kips
Drawworks	NOV / ADS-10T , NOV/DM27 3*1,229HP,AC
Top Drive	NOV/TDS-8SA, 1,150HP, 7,500PSI, 680mt
Rotary Table	NOV/RST495-3G
Tubular Handling	NOV / PRS-8i Racker with catwalk machine
Mud Pumps	NOV 14-P-220*3, 2,200HP/ea., 7,500PSI
Solid Control	4* Derrick FLC 504 Shale Shakers
Drilling Manifold	NOV 7,500 PSI W.P. Standpipe Manifold NOV 15,000 PSI W.P. Cement Manifold Neway 4 1/16"-10K X 4 1/16"-5K Chock and Kill Manifold

Power Plant

Main Power	5* Caterpillar/3516C-HD diesel engines rated at 2150HP, 1200 RPM
Emergency Power	1 X Caterpillar/C32 diesel engine rated at 1333hp, 1,800 RPM

STORAGE CAPACITIES

Fuel Oil.....	3,645bbbls
Liquid Mud.....	4,315bbbls
Brine	1,264bbbls
Base Oil.....	1,264bbbls
Drill Water.....	22,352bbbls
P o t a b l e	
Water.....	3,698bbbls
Bentonite/barite.....	7486 ft ³
Cement	7486 ft ³
Sack Storage.....	5,000 sacks

BOP Equipment

Diverter	GE/KFDJ-500 49-1/2"
BOP annular	CAMERON/DL 13-5/8"*10000PSI WP Annular
BOP rams	CAMERON/U, 13-5/8"*10k PSI, Dual Ram BOPs;
BOP handling	2 * JDN/Monorail Air Hoist EH 100, 100mt

Cranes

Port & Stbd.	3* FAVELLE FAVCO, 135 ft, 50mt/32.8ft, 10mt/134.8 ft
Fwd.	N/A
Knuckle-Boom	1*NOV KMCVCT-1891-9-25@Cantilever

Mooring Equipment

Mooring Winches	4* PH Hydraulics & Engineering PTE. LTD/35MT VFD Anchor Winch System
Anchor Lines	RRL galvanized/6×37-IWRC/ Φ1.5"*3000ft
Anchors	4 * HHP

OTHER FEATURES

Helideck	Sikorsky S61 N , 20485 lbs
Tension System	PH/Hinged Push-Up Ring On Conductor, 225st, 4 * stroke 13.78"

These specifications are intended for general reference purposes only. All equipment shall be operated and maintained at all times, in compliance with COSL DRILLING standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

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