

HAI YANG SHI YOU 931

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General Description

Design/Generation	CDB	CORALL	Russia/
Triangular			
Constructing Shipyard	Vyborg's Shipyard, Russia		
Deliver Year/Upgrades	1993/2008		
Classification	CCS		
Flag	China		
Overall Dimensions	327.55ft L × 216.53ft W × 133.14ft D		
Legs	3	x	479ft ;
Triangular			
Usable leg below hull	121.9m (400ft)		
Spudcan diameter	16m (52.49ft) / 180.4m ² (1941.81ft ²) each		
Draft at loadline(deepest)	5.253m(17.234ft)		
Displacement at loadline :	17851.78mt (39356kips) @ 5.253m		
Drilling VL :	2829mt (6237kips)		
Cantilever Envelope	60ft* ± 15ft		
Operating Water Depth	328ft		
Max. Rating Drilling Depth	7500m (25000ft)		
Accommodation	130 beds		

Drilling Equipment

Derrick	Baoji oil machinery LTD, China / HJJ675/52-T
Hookload Capacity	680mt (1500kips)
Drawworks	National 1625-UDBE/ 1765kw(2400hp) total
Top Drive	Varco TDS-8SA, 1150hp, 7500psi,750mt
Rotary Table	National /C-495/ 800mt (1763kips)/ 49-1/2 in
Tubular Handling	N/A
Mud Pumps	Baoji oil machinery LTD. China /F2200HL x 3, 2200HP each, 7500psi
Solid Control	4* Derrick, USA/ DP626
Drilling Manifold	7500 psi

Power Plant

Main Power	3*Caterpillar D3608 diesel engines rated at 3346hp (2460kw) , 1,000 rpm 1* WÄRTSILÄ W9L20 diesel engines rated at 2448hp (1800kw), 1,000 rpm
Emergency Power	1* CUMMINS / KTA38—D(M) diesel engines rated at 1095hp(805kw), 1,500 rpm

STORAGE CAPACITIES

Fuel Oil	546.62m3 (3438bbl)
Liquid Mud	249.33m3 (1568bbl)
Brine	N/A
Base Oil	N/A
Drill Water	530.9m3 (3339bbl)
Potable Water	467.07m3 (2938bbl)
Bentonite/barite	192 m3 (1208bbl)
Cement	128 m3 (805bbl)
Sack Storage	4,000 sacks

BOP Equipment

Diverter	N/A
BOP annular	Huabei Rongsheng,13-5/8" x 5k psi WP Annular
BOP rams	Huabei Rongsheng,13-5/8" x 10k psi WP Single Ram Huabei Rongsheng,13-5/8" x 10k psi WP Dual Ram
BOP handling	2* Ingersoll-Rand / BHS75MA6-30-66R at 37.5MT each

Cranes

Port&Stbd	2* LIEBHERR	MTC2600-50 LITRONIC/50mt
Aft	1* LIEBHERR	RL 1500-25 LITRONIC/ 25mt
Knuckle-Boom	N/A	

Mooring Equipment

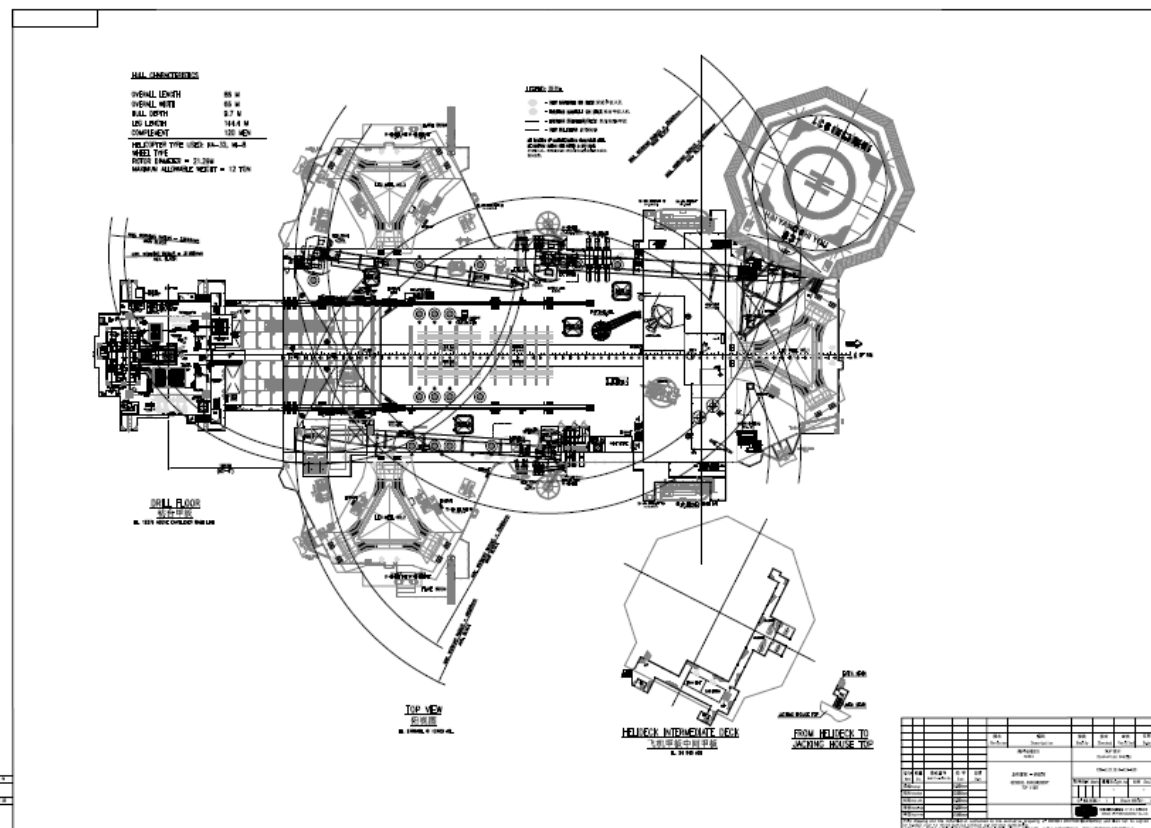
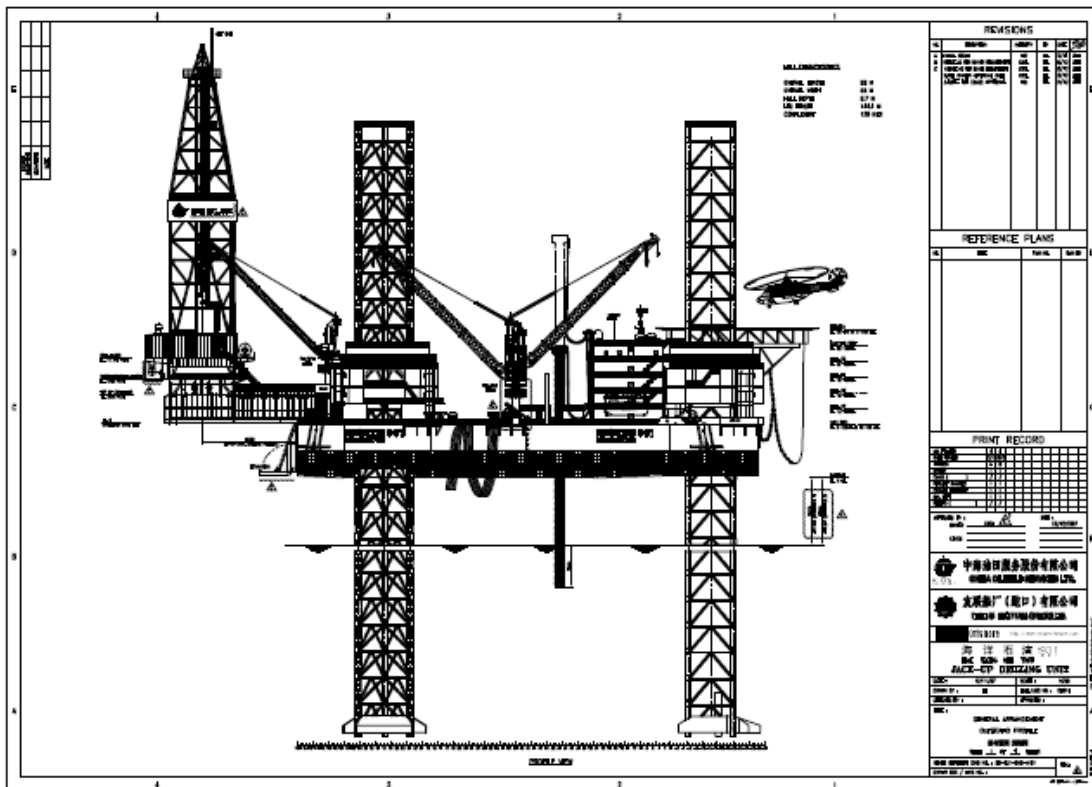
Anchor	Winches	4set: 1#,4#: South China Marine machinery Limited Corporation, China /245HX295-00/300KN 2#,3#: Rauma Deckmashin, Russia / MW500-E/300KN
Anchor Lines		2*Guizhou wirerope LTD, China/ 1-1/2" dia 2*Raua Deckmashin, Russia/ 2" dia
Anchors		2*South China Marine machinery Limited Corporation, China / 245HX295-00 2* Vyborg Russia /(MW500-E) Rauma-Repola

OTHER FEATURES

Helideck	Sikorsky-61N
Tension System	Zhanjiang Haiyu Machinery Co., Ltd/931-10, 200T

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