

## GUO HAI GUO FU

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General Description	
Design/Generation	Letourneau " Workhorse" Quadrangular shape
Constructing Shipyard	COSCO Nantong Shipyard
Deliver Year/Upgrades	2021
Classification	ABS&CCS
Flag	China
Overall Dimensions	311.4ft L × 220ft W × 26ft D
Legs	3x163.37m(3x536ft)
Usable leg below hull	144.78m(475ft)
Spudcan diameter	16.76m(55ft)
Leg (spud can) below hull in transit :	3.29m(10.8ft)
Displacement at loadline	16486.3mt(36,346kips)
Drilling VL :	3895mt(8587kips)
Cantilever Envelope	80ft
Operating	Water
Depth	min9.14m(30ft)/max121.92m(400ft)
Max. Rating Drilling Depth	10668m(35000ft)
Accommodation	150 beds

Drilling Equipment	
Derrick	NOV - Aft offset beam leg derrick / Dresco model D-175X36X36X14X2000-HL
Simultaneous setback + hookload capacity :	Hook Load: 907.19mt (2000Kips ); Rotary Load: 907.19mt (2000Kips ); Set Back Total:453.58mt (1000Kipss); Combined load:1451mt (3200Kips )
Drawworks	NOV / ADS-10Q/4*1,400hp
Top Drive	NOV / TDS-1000, 1,150hp, 7500psi/Max:100,000 ft. lbs/continuous:62,300 ft. lb/270 RPM
Rotary Table	NOV / RST 495-3G/907.2T
Pipe Handling	NOV / PRS-4i/NOV PRS-4i pipe handling system with dedicated pipe handling crane and offline stand building capacity capable of handling 3-1/2" to 22". Rated capacity 22,000 lbs.
Mud Pumps	3* NOV /14-P-220/ 2,200hp/ea, 7,500psi
Solid Control	5*Brandt / VSM-300
Drilling Manifold	NOV 5"API 7.5K Standpipe Manifold NOV 3-1/16"API 15K Cement Manifold NOV 3-1/16"API 15K Chock and Kill Manifold

Power Plant	
Main Power	5*CAT 3516C-HD diesel engines rated at 2,150hp, 1,200 rpm
Emergency Power	1 X CAT 3516C-HD diesel engine rated at 2,150hp 1,200 rpm

Storage Capacities	
Fuel Oil	818m3(5145bbl)
Liquid Mud	762m3(4790bbl)
Brine	64m3(404bbl)
Base Oil	64m3(404bbl)
Drill Water	1683m3(10,582bbl)
Potable Water	10024.6m3(63048bbl)
Bentonite/barite	196m3(6922 Cu.Ft)
Cement	196m3(6922 Cu.Ft)
Sack Storage	5,000 sacks

BOP Equipment	
Diverter	GE OIL and GAS / KFDJ-500,500psi
BOP annular	Shaffer/Wedged Spherical, 18-3/4"*10,000 Psi,
BOP rams	2*SHAFFER / NXT-M/Double Ram, 18-3/4"*15k Psi;
BOP handling	2*JD Neuhaus / UH 125T , safe working load at 125MT each;

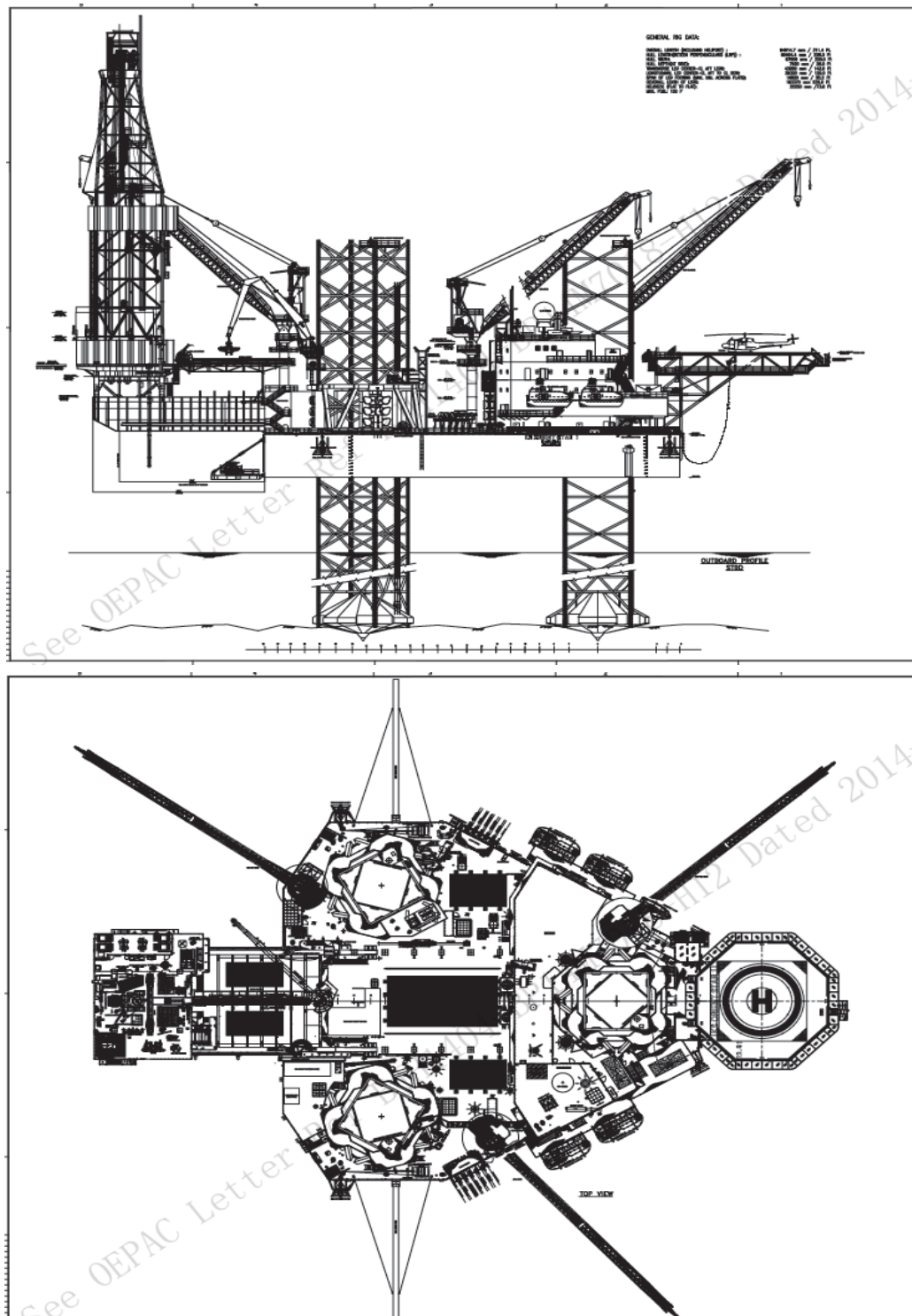
Cranes	
Port Forward,	3* Letourneau / API 2C 6 /edition 2004 +ABS Cargo
Port Aft,	gear certification/PCM-220SS/
starboard	Main Hoist,68 T@9.75m、 11.8 T@44.2m Auxiliary Hoist 12.56 T@11.28m--45.72m
Pipehandling	1*NOV/OC1891KCE
Crane	Yoke.Load 3.5T@3m-25m,7T@6m-17.5m; Hook.Load 12T@8m-12m/180°

Mooring Equipment	
Mooring Winches	4* Letourneau/22.35 T rated pull capacity.
Anchor Lines	4*Bridon or equivalent/6×19 IWRC EIPS RR
Anchors	4*Jiangsu Xiangshen Heavy Industries/Flipper delta anchor HYD-14

Other Features	
Helideck	Sikorsky S 92 and S61N
Tension System	NOV/CTU-227-350-Push/MAX:227 ton PH/PH12-0035-H10-ASB/4*CYLINDER/100 m/TON@2700PSI (PULL FORCE WITH 1 CYLINDER)

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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