

NAN HAI JIU HAO



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General Description

Design/Generation	Semi-submersible/GVA/GVA 4500
Constructing Shipyard	DAEWOO SHIPBUILDING OKPO, KOREA
Year of Construction	1988
Classification	DNV&CCS
Flag	China
Overall Dimensions	325.98ft L*287.81ft W
Main deck elevation above baseline	144.03ft
Associated air gap	36.09ft
Max. opening through spider deck	22.3' x 40'ft
Maximum opening for ROV moon pool	12.6' x 12.6'ft
Draft at load line (deepest)	81.69ft
Displacement at load line	41372.7st
Drilling draft/related displacement	81.86ft/41,372.7st
Max.	Substructure/Rotary Load
	1,435,000lbs/1,500,000lbs
Fuel consumption (drilling)	95bbbls/day
Operating Water Depth	295ft(min)/5000ft(max designed)
Max. Rating Drilling Depth	25,000ft
Accommodation	150

Drilling Equipment

Derrick	Maritime Hydraulic Dynamic Derrick
Hookload Capacity	1,433,005 lbs
Drawworks	EMSCO/C-3 TYPE II GE/752
Top Drive	Heilongjiang Jinghong Petroleum Equipment Manufacturing Co., Ltd. DQ90BSQ-JH Working pressure: 7500 psi
Rotary Table	EMSCO / T - 4950 - 65 Rated capacity: 800st
Drilling string motion	Maritime Hydraulic / Crown mounted / Compensating stroke 25ft/ Capacity-locked: 750st
compensator	
Mud Pumps	3* SICHUAN HONGHUA PETROLEUM *HHF-1600HL Maximum working pressure : 7,500psi
Solid Control	4* AXIOM PROCESS LTD /AX-1
Standpipe manifold	Standpipes ID 4" 7500psi
Choke manifold	Rated for 15,000 Psi

Power Plant

Main Power	3* WARTSILA VASA 12V32/4,440KW/ 720 rpm
Emergency Power	1 *WARTSILA VASA 6R32/ engine rated 2,220kw/720 rpm

STORAGE CAPACITIES

Fuel Oil	10,606bbbls
Mud Active Processing Tanks	3,860bbbls
Brine	3210bbbls
Base Oil	1000bbbls
Drill water	10,812bbbls
Potable Water	2,968bbbls
Bentonite/barite	10,983ft3(4 silos)
Cement	10,983ft3(4 silos)
Sack Storage	3,500 sacks

BOP Equipment

Diverter	VETCO KFDS-3 / 500psi
BOP annular	Shaffer-wedge cover spherical/18 3/4" / Top connection rated to 10,000 psi
BOP rams	Hydril/18-3/4"*15k Psi, 4 *Ram;
Riser tensioner	Western gear/vct-100-175-60-50
Moon pool	96.5' L x 60' W

Cranes

Port and Stbd	2* MAIN WOLFFKRAN / HOK 800 HM / 21st / 130ft / 1.37ft /s, 82.6st / 35ft /0.38ft/s, 16.53st /141ft /1.64 ft/s
BOP handling system	Maritime Hydraulic Bridge Crane/ Rated capacity 308.7st.

Mooring Equipment

Mooring Winches	8*DAEWOO + Hepburn / "PARALLAX/875 HP / Traction in Low Gear : 314.2 st / Brake Holding Capacity : 774.9 st / Traction Max. Speed : 114.8 fpm
Anchor Lines	Wire-line: Serle Willingst/R.H.C.L. Balance performed/ Average length is 9,500ft (per unit)/ 3 3/4", Chain: Stud link / NV K4RIG/3 1/4"
Anchors	8*Vryjhof/ Stevpris/19.8ST/1*spare

OTHER FEATURES

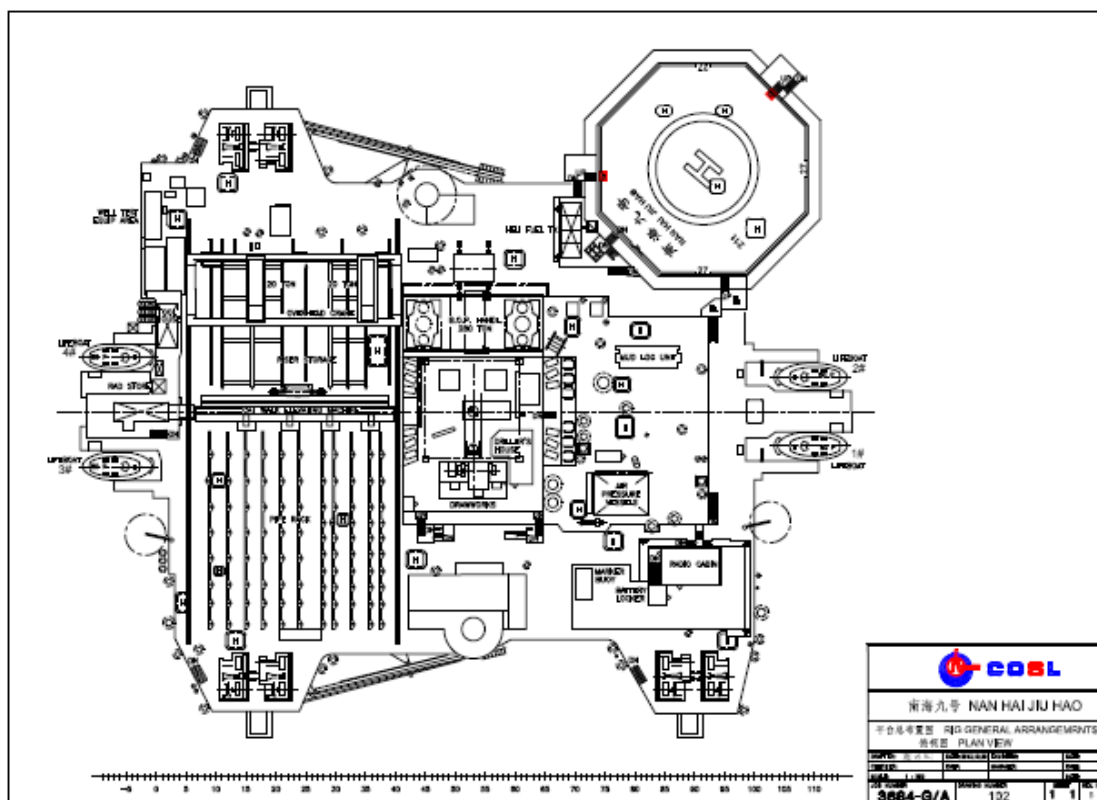
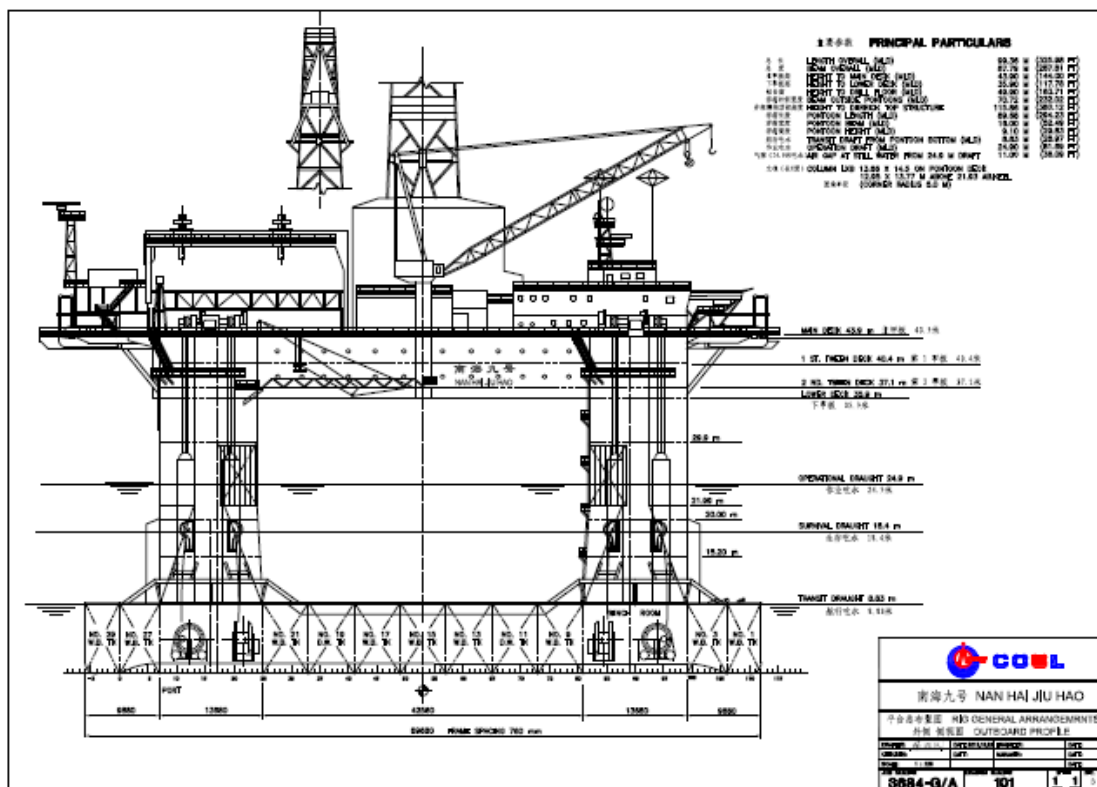
Helideck	BOEING CHINOOK 234 or SIKORSKYS-61
Station Keeping	Mooring system

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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