

HAI YANG SHI YOU 982



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General Description

Design/Generation	AGILITY GROUP - A5000
Constructing Shipyard	Dalian DSIC, China
Year of Construction	2018
Classification	DNV&CCS
Flag	China
Overall Dimensions	104.5m L*70.5m W
Main deck elevation above baseline	37.55m
Associated air gap	12.05m
Draft at load line (deepest)	17.5m
Displacement at load line	40849mt
Drilling draft/related displacement	17.5m/40849mt
Max. Substructure/Rotary Load	907mt/680mt
Setback capacity	500mt
Fuel consumption (drilling)	approx.28mt /day
Operating Water Depth	60m(min)/1800m(max designed)
Max. Rating Drilling Depth	9144m
Accommodation	180

Drilling Equipment

Derrick	NOV SDBN 750-40x40 x 170' - Vdoor 66ft
Hookload Capacity	680mt
Drawworks	NOV/AHD-750-5750-73-5-82-10.5
Top Drive	NOV/TDS 8SA Rated capacity : 680mt/ working pressure :7500 psi
Rotary Table	NOV/RST 605 60-1/2" Rated capacity:907mt
Active Heave	Integrated in theAHD-750-5750 Drawworks
Compensator	Max. compensating load capacity: 680mt Compensating stroke: Depend on the length of drilling line
Mud Pumps	3*NOV* 14-P-220+1*BOMCO* F-800 Maximum working pressure : 517bar
Solid Control	4*NOV Brandt VSM MS+1*NOV Brandt VSM300
Standpipe manifold	System working pressure : 7500psi
Choke manifold	Rated for 15,000 Psi

Power Plant

Main Power	6* Wartsila/12V32 /6600KW/ 720 rpm
Emergency Power	No separate unit. All six main generators are classified as emergency generators.

STORAGE CAPACITIES

Fuel Oil	2527 m3
Mud Active Processing Tanks	670.9 m3
Brine	1139 m3
Base Oil	1139 m3
Drill water	1216 m3
Potable Water	1131 m3
Bentonite/barite	357 m3
Cement	357m3
Sack Storage	6000 sacks

BOP Equipment

Diverter	NOV/21-500-60-EXT / 500psi
BOP annular (LMRP)	2*NOV/Wedge Cover "Standard" /18 3/4"/ Working pressure : 10,000 psi
BOP rams	National Oilwell Varco /18-3/4"*15k Psi, 5 *Ram;
Riser tensioner	8*NOV/200 KIPS Dual Riser Tensioner Capacity each tensioner :200kips Maximum stroke :3810mm
Moon pool	25.9m x 8.9m x9.9m

Cranes

Port & Stbd	2* DNV/CCS class notation CRANE,API 2C 7th Edition, EN /Liebherr/ BOS 4200-80 Litronic/Load/radius/speed (minimum radius) :80 mt/ 9.8m/0.2m/s;
Aft	Approved by DNV/CCS / NOV/ PC2401K; Load/radius: Pipe handling 20": 3.5 mt /26,6m Pipe handling 30": 7mt /26.6m Riser handling: 15mt/17.7m
BOP handling system	NOV/2x100T/Rated capacity: 2 x 100 mt NOV/BOP-E-400-8.9-9.25/SR/ Rated capacity: 400 mt

Mooring Equipment

Mooring	4 *double * NOV-BLM/MW 350/Total HP per
Winches	winch :670kw/Rated pull : 390mt
Anchor Lines	8 installed/ DSR Wire Corp. /POWERFLEXG6XSESWS(47)+IWRC Useful length (nominal) :650m
Thrusters	6* Azimuthing/ Rolls Royce UUC405 FP - 4.5MW / Total KW per thruster : 4500kw
Dynamic Positioning	Kongsberg / DPM-22 / Full DP-3 and POSMOOR Mooring assist / 3xHipap & 3xDGPS & 2x Tautwire

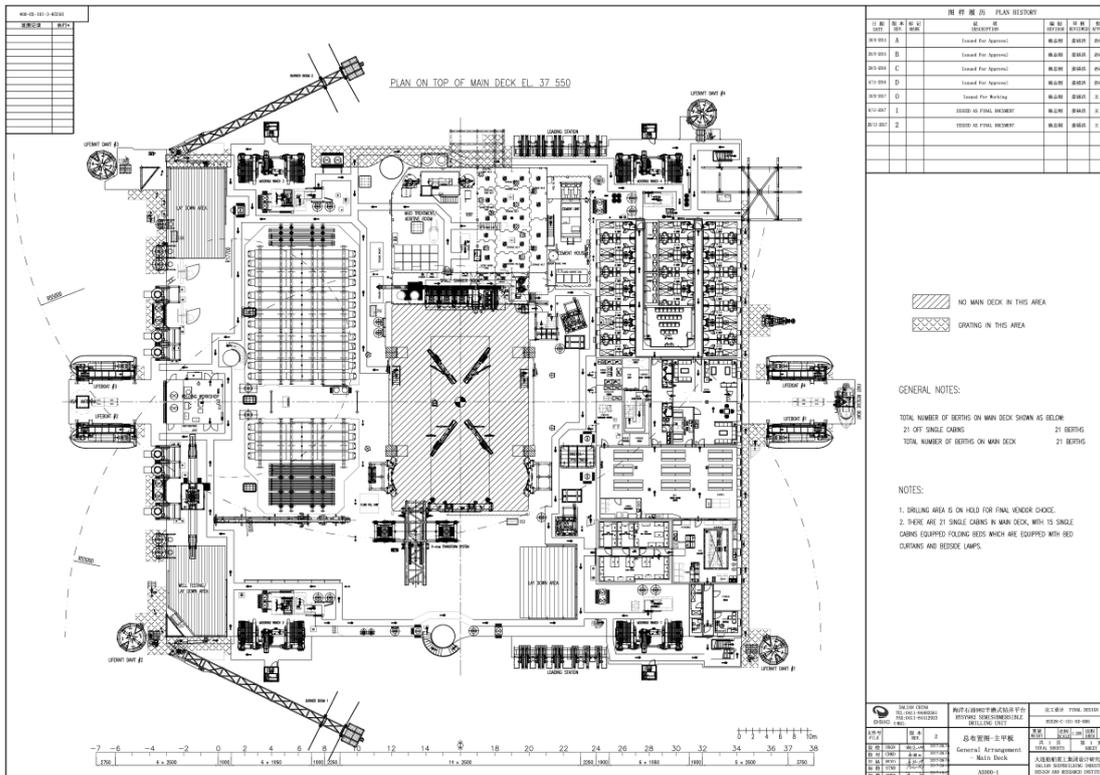
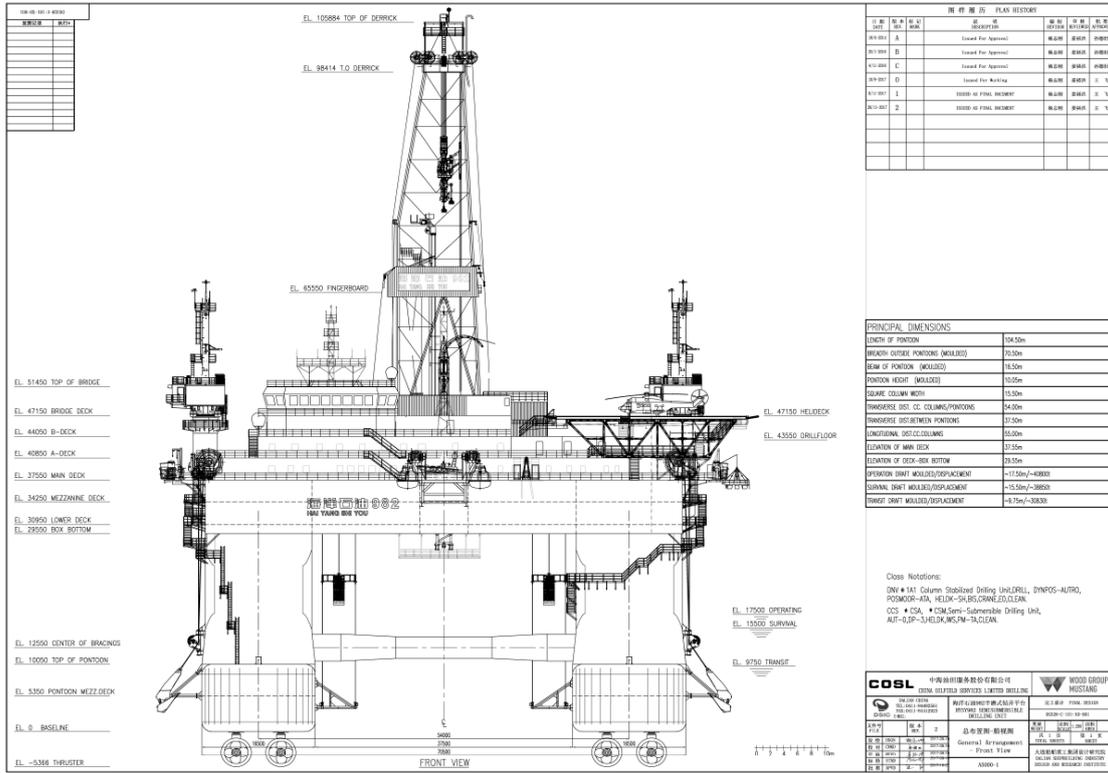
OTHER FEATURES

Helideck	SIKORSKY S61N and S92
Station Keeping	DP3, POSMORATA

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