

NAN HAI SHI HAO

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General Description

Design/Generation	AKER/H-3
Constructing Shipyard	Rauma Rupola
Year Of Construction	1976
Classification	DNV&CCS
Flag	China
Overall Dimensions	108.2mL*68.55m
Main Deck Elevation Above Baseline	120ft
Associated Air Gap	50ft
Moon Pool Dimensions	52ft x 20ft
Max.Opening Through Spider Deck	37x17ft
Draft At Load Line (Deepest)	70ft
Displacement At Load Line	21593mt
Drilling	Draft/Related
Displacement	70ft/21593mt
Max.	Substructure/Rotary
Load	874/545mt
Fuel Consumption (Drilling)	[Normal] 67 / [Heavy] 104 bbl/day
Operating Water Depth	200ft(min)/1640ft(max)
Max. Rating Drilling Depth	25000ft
Accommodation	120 beds

Drilling Equipment

Derrick	PYRAMID/Dynamic Bolted leg
Simultaneous	545t
Setback +Hookload capacity :	227mt+545mt
Drawworks	National /1625DE /3*1130hp/1-1/2in drilling line GE-752 DC Motor
Top Drive	AKER (MH) DDM650 /1130 HP(GE 752 DC Motor) /5000psi Maximum Continuous Torque : 51319ft.Lb/104RPM
Rotary Table	National/C-495 /Maximum opening:1257mm Static Load Capacity :800T
Drilling String Motion	NOV 600-25 Compensating Stroke :25ft
Compensator	Max. Static Load :590MT
Mud Pumps	3* National * 12-p-160, Maximum Working Pressure : 4670psi
Solid Control	4* VSM300 Shakers, 1*Desander.
Standpipe/Manifold	Rated For 5000 Psi
Choke Manifold	Rated For 15,000 Psi

Power Plant

Main Power	5*Caterpillar 3516C HD /2150HP/1200 rpm
Emergency Power	1*Caterpillar 3508 /Rated 850kw, 1,800rpm

STORAGE CAPACITIES

Fuel Oil	1656 m ³
Active Liquid Mud	280 m ³
Brine	N/A
Base Oil	N/A
Drill Water	1184 m ³
Potable Water	1184 m ³
Bentonite/Barite	180 m ³
Cement	240 m ³
Sack Storage	3800 sacks

BOP Equipment

Diverter	VETCO/KFDS-3 / 500psi
BOP Annular	CAMERON DL, 18-3/4"*10,000 Psi,
BOP Rams	CAMERON, 5"*1,5000 0Psi, 4 *Ram;
Riser	10*SHAFFER/80K / Maximum Stroke : 12-1/2ft/ Capacity
Tensioner	each Tensioner : 80000lbs

Cranes

Port	1* NATIONAL OS435/ 2C 5th Edition; Diesel-Hydraulic Load/radius/speed (mt/ft(ft/sec)) (minimum radius) 44.2mt/22.6ft/ 0.71 ft/sec (maximum radius) 14.1mt/ 124.7ft/1.26ft/sec Whip capacity/hoist speed (mt/ft(ft/sec))7.8t /40.7m
Stbd	1* NATIONAL OS435/ 2C 5th Edition Diesel-Hydraulic Load/radius/speed (mt/ft(ft/sec)) (minimum radius) 44.2mt/22.6ft/ 0.71 ft/sec (maximum radius) 14.1mt/ 124.7ft/1.26ft/sec Whip capacity/hoist speed (mt/ft(ft/sec))7.8t /40.7m
BOP Handling System	Hydralift/ D-A1-1059-G07 Rated Capacity:100T

Mooring Equipment

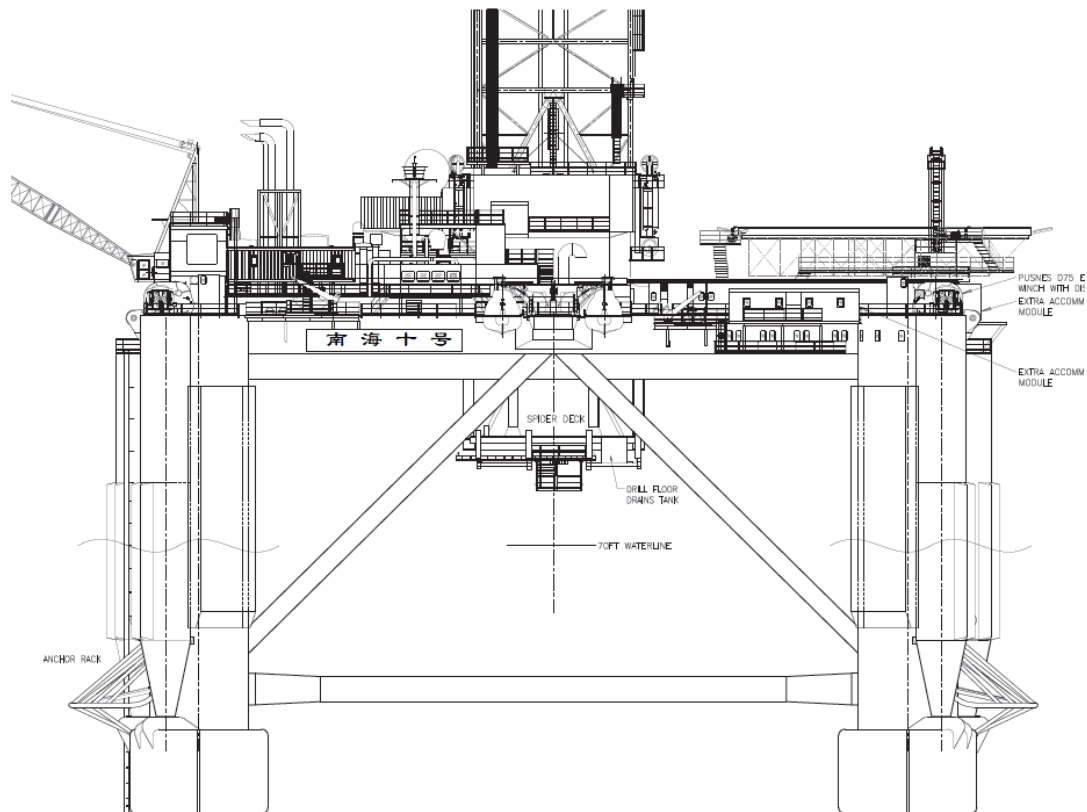
Mooring	8* Pusnes/75-EA / Electric GE/752 / Total HP per
Winches	winch :800hp
Anchor	8* Lusne Zhenjiang Vicenay Ramnas Diameter :3in
Lines	Weight Per Unit Length :90lbs/ft Useful length (Nominal) :4250ft
Anchor	Primary 4*Stevpris Mk 6 (High holding Power) ;Weight :15mt Spare 4* Stevpris Mk 6 (High holding Power) Weight :12mt

OTHER FEATURES

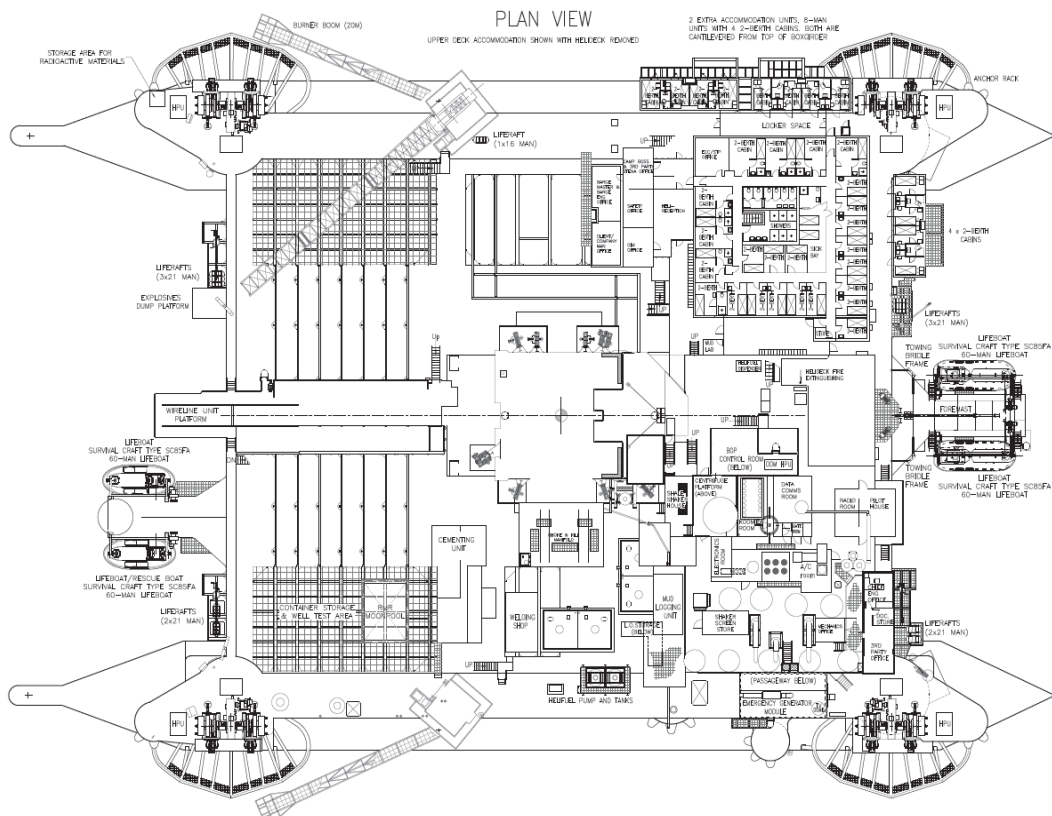
Helideck	Sikorsky S-92A/S-61N
Station Keeping	Mooring system

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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FORWARD ELEVATION



PLAN VIEW



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