

NAN HAI 7



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General Description

Design/Generation	AKER	H3	Twin	Pontoon	Column
Stabilized					
Constructing Shipyard	Mitsui Engineering -Ship Building Co Ltd JAPAN				
Year Of Construction	1977				
Classification	Bureau Veritas				
Flag	Liberia				
Overall Dimensions	108.2mL*67.36m W				
Main Deck	Elevation Above				
Baseline	36.58m				
Associated Air Gap	15.3m				
Moon Pool Dimensions	6.45m x5.97mx4.90m				
Max.Opening Through Spider Deck	6.45m				
Draft At Load	Line (Deepest).....21.336m				
Displacement At Load Line	21500mt				
Drilling Draft/Related Displacement	21.3m/21500mt				
Max. Substructure/Rotary Load	250mt /544mt				
Fuel Consumption (Drilling)	15 t/day				
Operating Water Depth	60m(min)/305m(max)				
Max. Rating Drilling Depth	6000m				
Accommodation	125 beds				

Drilling Equipment

Derrick	PYRAMID/Dynamic Bolted Type 1000kips
Simultaneous	544t
Setback +Hookload capacity :	
Drawworks	National 1320-UE /2*1000hp/1-1/2in drilling line GE-752 R5A DC Motor
Top Drive	Varco TDS- 11SH /550*2 HP(AC Motor) Maximum Continuous Torque : 51000ft.Lb/227RPM
Rotary Table	National/C-495/Maximumopening:1257mm Static Load Capacity :800T
Drilling String Motion	Rucker Shaffer Dsc-18-500 Compensating Stroke :18ft
Compensator	Max. Static Load :454MT
Mud Pumps	3* National * 12-p-160, Maximum Working Pressure : 5,000psi
Solid Control	3* Derrick Flow-Line Cleaner 2000 With Super G vibrating
StandpipeManifold	Rated For 5000 Psi
Choke Manifold	Rated For 10,000 Psi

Power Plant

STORAGE CAPACITIES

Fuel Oil	2660m3
Active Liquid Mud	280 m3
Brine	376m3
Base Oil	N/A
Drill Water	1715m3
Potable Water	499m3
Bentonite/Barite	240 m3
Cement	240 m3
Sack Storage	6,000*45kg sacks

BOP Equipment

Diverter	Kfds-Nom / 500psi
BOP Annular	Rucker Shaffer, 18-3/4"*5,000 Psi,
BOP Rams	Rucker Shaffer, 18-3/4"*1,000 Opsi, 4 *Ram;
Riser Tensioner	8*Rucker-Shaffer/ Maximum Stroke :12.5ft/ Capacity each Tensioner : 80000lbs

Cranes

Port	1* Liebherr Diesel-Hydraulic (MTC 1900-60 D Litri Main Hoist Max Hook Speed(0t)/(Max Swl) :31m/14.3n Load / Minimum Radius:132,277 Lb / 24 Ft Load / Maximum Radius:55,115 Lb / 121.4FT Whip Line Capacity:33,069 Lb / 138.5 Ft
Stbd	1* Liebherr/ Electro-Hydraulic/ Load/Radius/Speed (Minimum Radius) : 40t / 900 Load / Minimum Radius: 88,180 Lb / 29.53 Ft Load / Maximum Radius: 35,270LB / 109.88 Ft Whip Line Capacity:35,270 Lb / 120 Ft
BOP Handling System	Normar – Finn Tveten/Ivmel Rated Capacity:100T Platform Length:5.715M Platform Width:5.97

Mooring Equipment

Mooring Winches	8*Norwinch /2A2-76/ Hydraulic / Total HP per winch :660hp/
Anchor Lines	8*Hamanak Chain Mfg Co./ Orq-3" Diameter :76.2mm/ Weight Per Unit Length : 132.5kg/M/ Useful length (Nominal) :1367m
Anchors	8ea, Vryhof Stevshark MK5/ Weight :12t

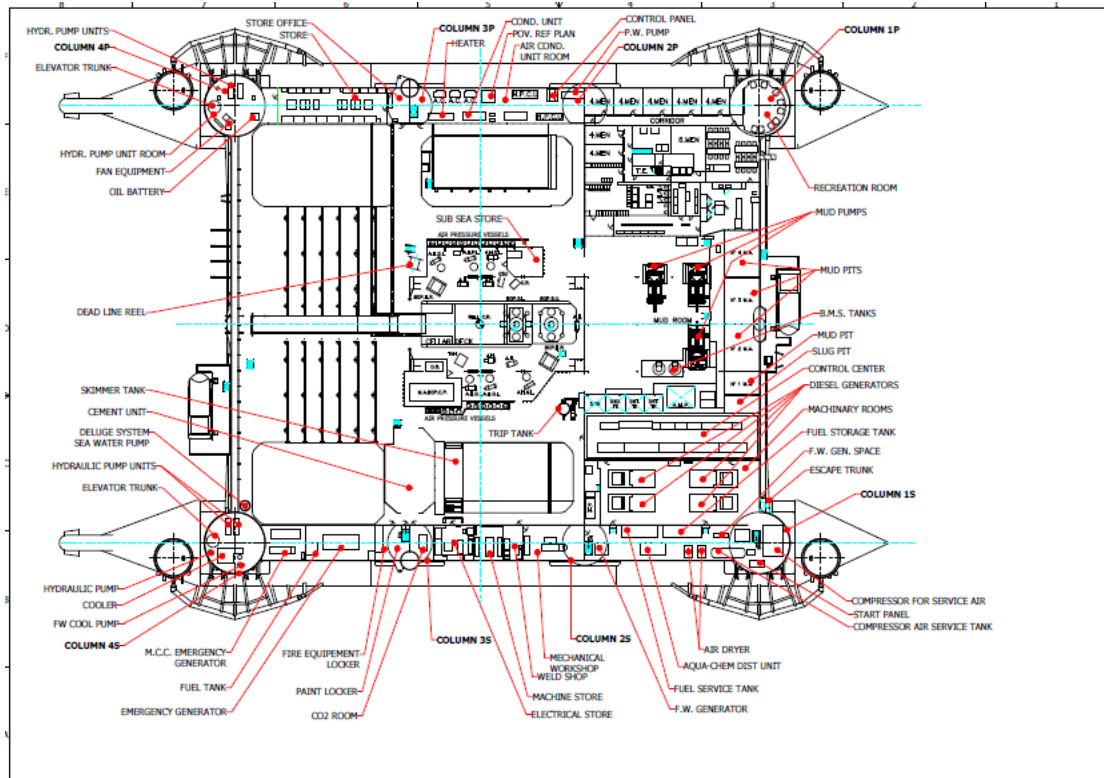
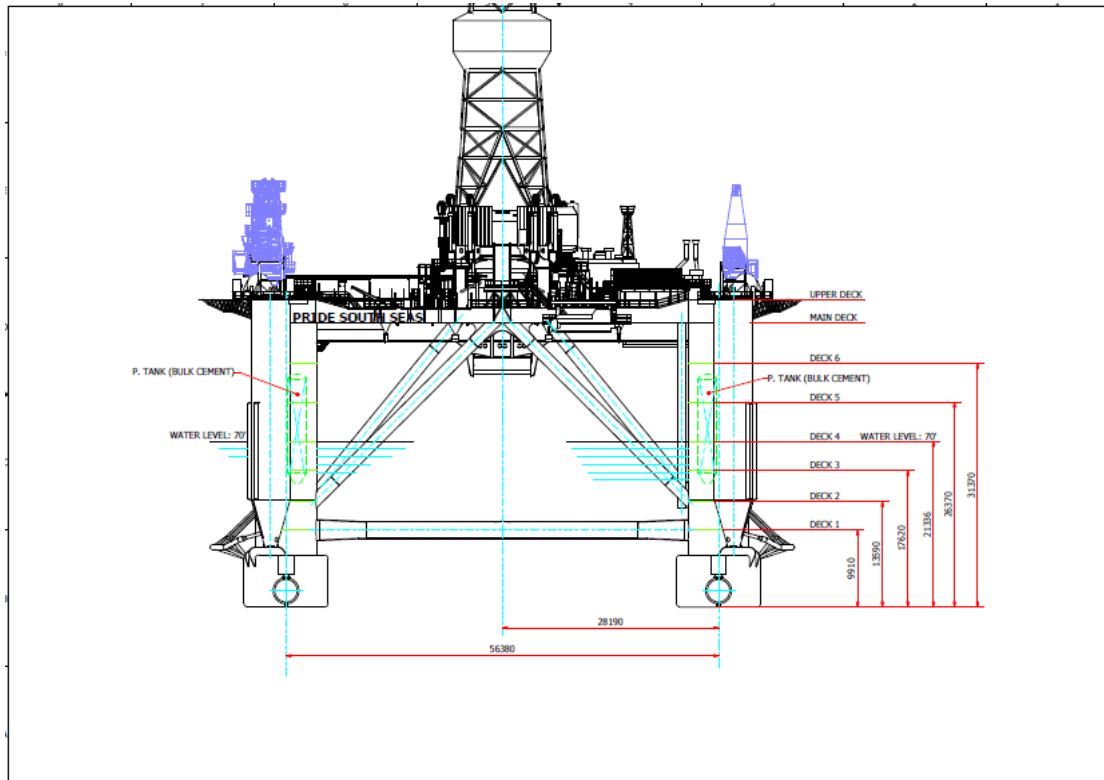
OTHER FEATURES

Helideck	Sikorsky S92 or EC225 (Moderate Climate)
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.

Main Power 4*BERGEN KVGB12/2200HP/ 900 rpm
Emergency Power 1*GM - Allison Detroit 16-V-71 Rated 429kw,
1,800 rpm

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