

NAN HAI BA HAO

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General Description

Design/Generation	Series 9500/Enhanced Pacesetter IMODU
Constructing Shipyard	Daewoo, Okpo, Korea
Year of Construction	1983/ Upgraded 1996
Classification	ABS&CCS
Flag	China
Overall Dimensions	269ft L*228ft W
Main deck elevation above baseline	116ft
Associated air gap.....	66ft
Moon pool dimensions	82ft x 21ft
Max. opening through spider deck	21ft
Draft at load line (deepest)	65ft
Displacementatload line.....	28140.7T
Drilling draft/related displacement	65ft/61,967.8 kips (20m)
Max. Substructure/Rotary Load	600 kips
Fuel consumption (drilling).....	96bbbls/day(two engines)
Operating Water Depth	150ft(min)/2624ft(max)
Max. Rating Drilling Depth	25,000ft
Accommodation	124 beds

Drilling Equipment

Derrick	Continental Ensco dynamic derrick SN-82 type -22 BDA
Hookload Capacity	600,000 lbs
Drawworks	BOMCO/JC80DB 2*1150Kw
Top Drive	VarcoTDS-4S/1130 HP(DC motor)/5000 psi
Rotary Table	National/C-495/Maximumopening:49 1/2" Rated capacity:1, 600, 000 lbs
Drilling string motion	BOMCO/600,000 lbs Compensating stroke:18Ft
compensator	Max. static load:1.000klbs
Mud Pumps	3* National*12-p-160, Maximum working pressure:5,000psi
Solid Control	4* DERRICK / DP-626
Standpipe manifold	Rated for 5000 Psi
Choke manifold	Rated for 15,000 Psi

Power Plant

Main Power	3 x Wärtsilä / 8L26 / 2,600kw /900rpm
Emergency Power	1 X Caterpillar / D-398 diesel engine rated600kw, 1,200 rpm

STORAGE CAPACITIES

Fuel Oil.....	6,097bbbls
Active Liquid Mud.....	2853bbbls
Brine	3585bbbls
Base Oil.....	2000bbbls
Drill water.....	7,196bbbls
Potable Water.....	2,708bbbls
Bentonite/barite.....	13,713ft³
Cement	6,318ft³
Sack Storage.....	9000 ft³

BOP Equipment

Diverter	HMH KFDS-FS/ 500psi
BOP annular	NOV SBOP, 18-3/4"*10k Psi CAMERON DL 18 3/4" *10k Psi
BOP rams	Hydrill MPL,18-3/4"*15k Psi, 4*Ram;
Riser tensioner	JJC/6*225Klbs

Cranes

Port&Stbd	2*LIEBHERR/MTC 2600-50/MAIN HOOK:50 ton
AFT	1*TSC/ P32/ MAIN HOOK:65 ton
BOP handling system	TSC/300 tons

Mooring Equipment

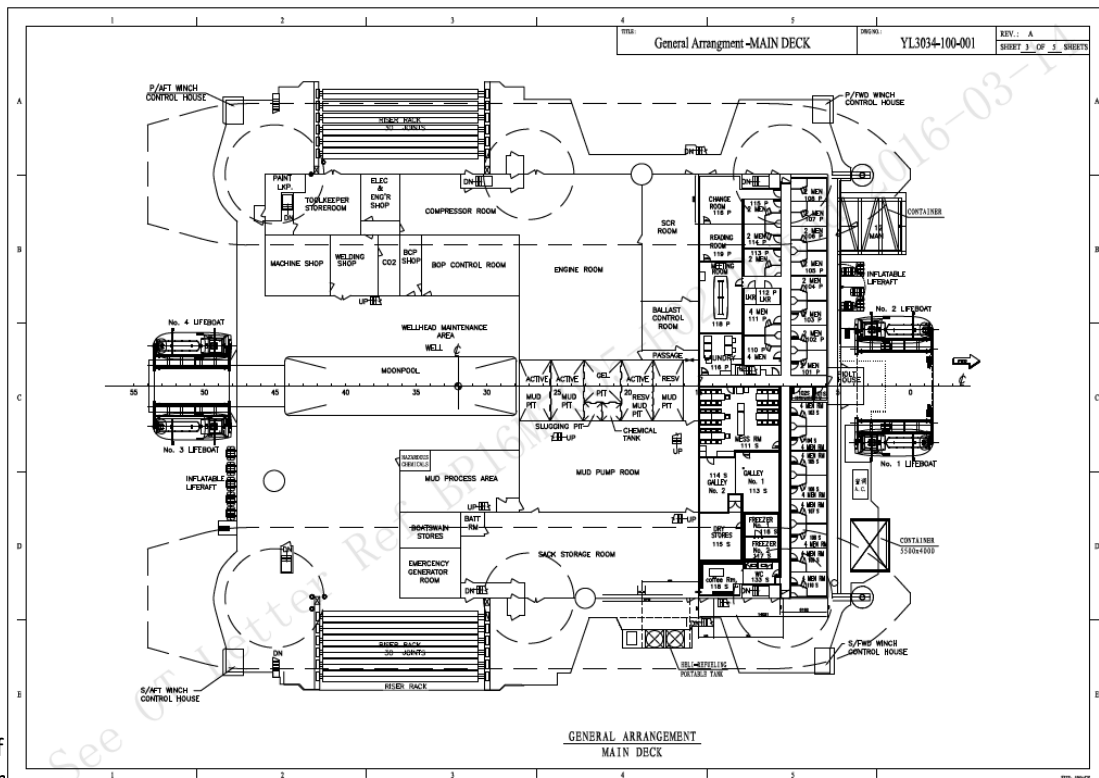
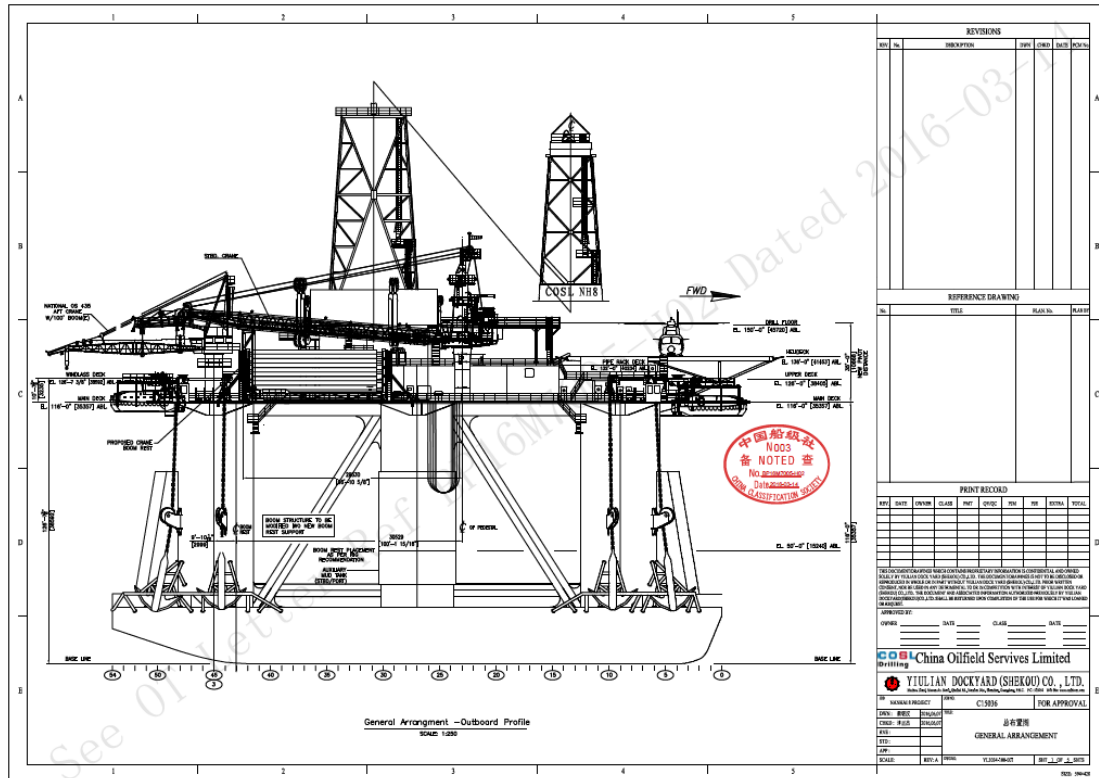
Anchor winches	4*Skagit Double Drum / EWT 350/850 HP /75 ft per minute /677,000 lbs Pre- Tension
Anchor windlasses	4*Amclyde RW56/200 HP 2 Motors/350,000 lbs Pre-Tension
Anchor Lines	Chain 8ea*1804ft/84mm/R5/858mt Wire 8ea*7500ft/90mm/659mt
Anchors	8ea,Bruce FFTS MK4, 15 MT

OTHER FEATURES

Helideck	Rated forSikorsky S-92/S61N
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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