

HAI YANG SHI YOU 946

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General Description

Design/Generation	F&G /JU-2000E
Constructing Shipyard	Dalian Shipbuilding Industry (DSIC)
Deliver Year/Upgrades	2023
Classification	ABS&CCS
Flag	CHINA
Overall Dimensions	323.8ft L x 250.0ft W x 31.0ft D
Legs.....	3 x 547.8ft; Triangular
Usable leg below hull	478.0ft
Spudcan diameter	58.98ft
Draft at load line	21.95ft
Displacement	23000mt
Variable Load	6486 mt
Cantilever Envelope	75ft
Operating Water Depth	400ft
Max. Rating Drilling Depth	35,000ft
Accommodation	140 beds

Drilling Equipment

Derrick	National Oilwell Varco / D - 170x40x40x18x18 - 2100 - BN
Hookload Capacity	1000st
Drawworks	National Oilwell Varco / SSGD - 1000 - 6000 - 48 - 82 - 9
Top Drive	National Oilwell Varco / TDS-1000A, 1,150hp, 7,500psi
Rotary Table	National Oilwell Varco / RST495-3G
Tubular Handling	National Oilwell Varco / HydraRacker III 3-1/2 to 13-5/8
Mud Pumps	3*NOV* 14-P-220, 2,300hp/ea, 7,500psi
Solid Control	Shale Shakers:5*Brandt/VSM 300 ;Gumbo: NOV/6ft Dual Gumbo Box
Drilling Manifold	Rated for 15,000 Psi

Power Plant

Main Power	6*Caterpillar 3516CHD diesel engines rated at 1,603kw, 1,200 rpm
Emergency Power	1 X Caterpillar /C32 diesel engine rated 994kw, 1,800 rpm driving an Leroy Somer generator

STORAGE CAPACITIES

Fuel Oil.....	4120bbls
Liquid Mud.....	5112bbls
Brine	1340bbls
Base Oil.....	1310bbls
Drill water.....	8292bbls
Potable Water.....	3425bbls
Bentonite/barite.....	9888ft3
Cement	9888ft3
Sack Storage.....	5,000 sacks

BOP Equipment

Diverter	Vetco Gray Model KFDJ-500 Big bore
BOP annular	CAMERON, 18-3/4"*10,000 Psi,
BOP rams	2* CAMERON / TL, hydraulic, 18-3/4"*15k Psi, Double Ram;
BOP handling	TSC/HC 125MT

Cranes

Port&Stbd	2* Liebherr MTC 2600 - 75 / MAIN :75t 25.2~72.2FT 42.2t 25.2~121.4FT/ AUX 15T 30.8~137.8FT
Fwrd	1 *Liebherr MTC 2600 - 75 / MAIN :75t 25.2~72.2FT 42.2t 25.2~121.4FT/ AUX 15T 30.8~137.8FT
Knuckle-Boom	1* NOV/Hook adaptor012T@26- 49 ft/ Gripper Yoke 3.5 t @ 10 - 82 ft

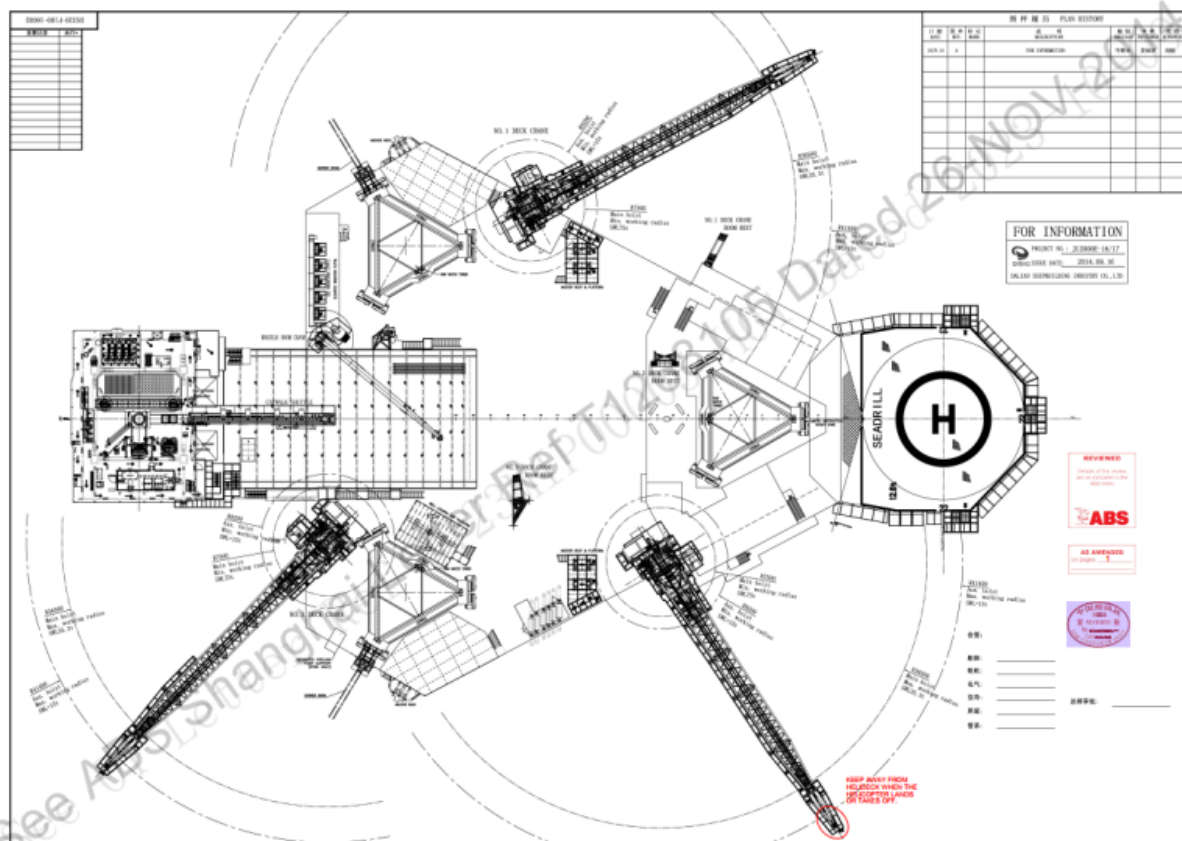
Mooring Equipment

Mooring Winches	4* MEP/AT40000E,40mt.
Anchor Lines	4* Juli Sling,52mm ,6*36WS+IWR ,914m
Anchors	4* Chongqing Pengxiang - Delta HHP,7.5t

OTHER FEATURES

Helideck	Rated for Sikorsky S-61N or S-92A helicopter
Tension System	TSC /300st for Tension;150st for Secondary Tensioning / stroke:24inch/Number of lift points:8

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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