

GUO HAI GUO YU



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**General Description**

Design/Generation.....	S116E/LeTourneau/Platform
Constructing Shipyard.....	COSCO SHIPPING HEAVY INDUSTRY (DALIAN)CO. LTD
Deliver Year/Upgrades	2021
Classification	ABS & CCS
Flag	Liberian
Overall Dimensions	243.1ft L×206ft W×26ft D
Legs.....	477ft(145.3m)
Usable leg below hull	420ft(128m)
Spud-can diameter	46ft (14.02m)
Draft at loadline.....	17ft (5.18m)
Displacement	12488tons (27532kips)
Drilling Variable Load	3374Mt
Cantilever Envelope	±15ft×70ft
Operating Water Depth	350ft
Max. Rating Drilling Depth	30,000ft
Accommodation	120 beds

Drilling Equipment

Derrick	Nov Shanghai, 170 ft. high, with 32ft. long×35ft. wide base.
Hookload Capacity	680 Mt, Maximum
Drawworks	NOV/ADS-10T 3×1150hp
Top Drive	NOV / TDS-8SA, 1,150hp, Test8250psi/Working7500psi
Rotary Table	National /RST495-3G
Mud Pumps	NOV 14-P-220×3, working7500psi / test 11250psi
Solid Control	4 x shale shakers, VSM300
Drilling Manifold	15,000 PSI W.P. Chock and Kill Manifold

Power Plant

Main Power	5×CAT/3516CHD diesel engines rated at 1603bkw, 1,200 rpm
Emergency Power	1×Caterpillar 3512B, 1102bkw

STORAGE CAPACITIES

Fuel Oil.....	2215bbl
Liquid Mud.....	4524 bbl
Brine	848 bbl
Base Oil.....	1505 bbl
Drill Water	13897bbl
Potable Water	1625bbl
Bentonite/barite.....	7000ft3
Cement	7000ft3
Sack Storage.....	5000 sacks

BOP Equipment

Diverter	1 x KFDJ -500psi
BOP annular	1 x NOV , 13-5/8"×10K Psi 1 x 21-1/4" 2k Annular
BOP rams	2 x NOV 13-5/8" 15k Double Rams 1 x NOV 21-1/4" 2k Ram
BOP handling	2 x JDN, safe working load at 75MT each

Cranes

Port AFT&Stbd	2x Letourneau PCM 120ss
Port	1x Letourneau PCM 220ss

Mooring Equipment

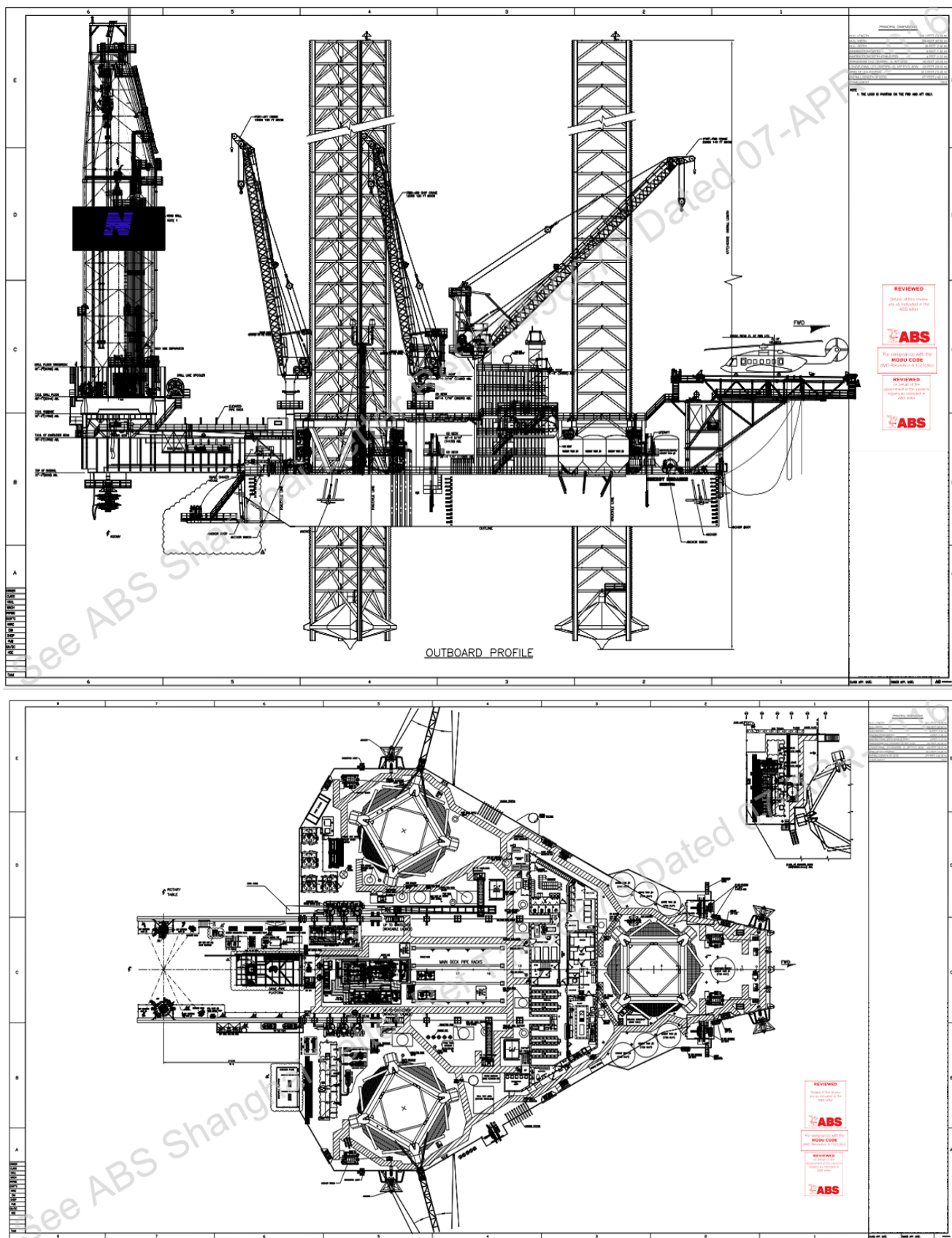
Mooring Winches	4×DC222.
Anchor Lines	4×1150ft
Anchors	4×Delta Anchor 10000lbs

OTHER FEATURES

Helideck	Designed for helicopter Sikorsky S61 N Helicopter
Tension System	NOV, Capcity 227T

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