

SINOCEAN WISDOM

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General Description

Design/Generation	Gusto MSC/CJ46
Constructing Shipyard	SWS Shipyard, China
Deliver Year/Upgrades	2021
Classification	ABS
Flag	Liberia
Overall Dimensions	214.1ft x 203.4ft x 26.2ft
Legs.....	503 ft Length; Triangular
Usable leg below hull	435ft
Spudcan diameter	50.2ft
Draft at loadline	15.4ft
Displacement at loadline	33,524 kips
Drilling VL	7,546 kips
Cantilever Envelope	70ft x ±20ft
Operating Water Depth	375ft
Max. Rating Drilling Depth	30,000ft
Accommodation	120 beds

Drilling Equipment

Derrick	National Oilwell Varco / Bolted H-beam 170ft x 40ft x 35ft
Simultaneous setback + hook-load capacity	2500kips@50ft, 1499 kips @70 ft
Drawworks	NOV / ADS-10T
Top Drive	NOV / TDS 8SA, 1150HP, 7500PSI
Rotary Table	NOV / RST495-G
Tubular Handling	NOV / PRS-8i with catwalk shuttle
Mud Pumps	3 x NOV / 14-P-220, 2,200HP/ea, 7,500PSI
Solid Control	Shale shakers: 4 x Derrick / HYPERPOOL - 4 PANEL Gumbo: 1 x Derrick / Flo-Line Primer II High Speed Mud Cleaner: 1 x Derrick / HYPERPOOL 4P LH WF equipped with Desilter and Desander
Drilling Manifold	NOV 7,500 PSI W.P. Standpipe Manifold NOV 15,000 PSI W.P. Cement Manifold NEWAY / 4-1/16" 10K Choke & Kill Manifold

Power Plant

Main Power	5* Caterpillar/3516C-HD diesel engines rated at 1603KW, 1200 RPM
Emergency Power	1 X Caterpillar/C32 diesel engine rated at 994KW, 1800RPM

GROSS STORAGE CAPACITIES

Fuel Oil.....	3,654 barrels
Liquid Mud.....	4,314 barrels
Brine	1,276 barrels
BaseOil	1,276 barrels
Drill Water	22,7778 barrels
Potable Water.....	3,698 barrels
Bentonite/barite.....	7,486 ft ³
Cement	7,486 ft ³
Sack Storage.....	4000 sacks@100 lbs./sack

BOP Equipment

Diverter	Vetco Gray / KFDJ-500 Big bore
BOP annular	CAMERON 13-5/8" *10,000 PSI;
BOP rams	2* CAMERON 13-5/8" * 10k PSI, Double Ram
BOP handling	2 x Ingersoll Rand BHS200M/E1101 each with a capacity of 75 MT

Cranes

Port Fwd,	FAVELLE FAVCO / 7.5/10K, 1 x Electro-Hydraulic
Port Aft, Stbd	2 x Diesel-Hydraulic Lifting Capacity: -Main Hoist: 50Tonnes @ 8.0m (Onboard)/ 9.4Tonnes @ 41.4m (Onboard) -Auxiliary Hoist: 10Tonnes @ 42.1m (Onboard) (SWH 0.5m)/ 1.5Tonnes @ 43.4m (Offboard) (SWH 2.0m - Man-riding)
Knuckle-Boom	NOV / Knuckle Boom Crane with 20" Gripper Yoke for 3 1/2" to 20" tubulars

Mooring Equipment

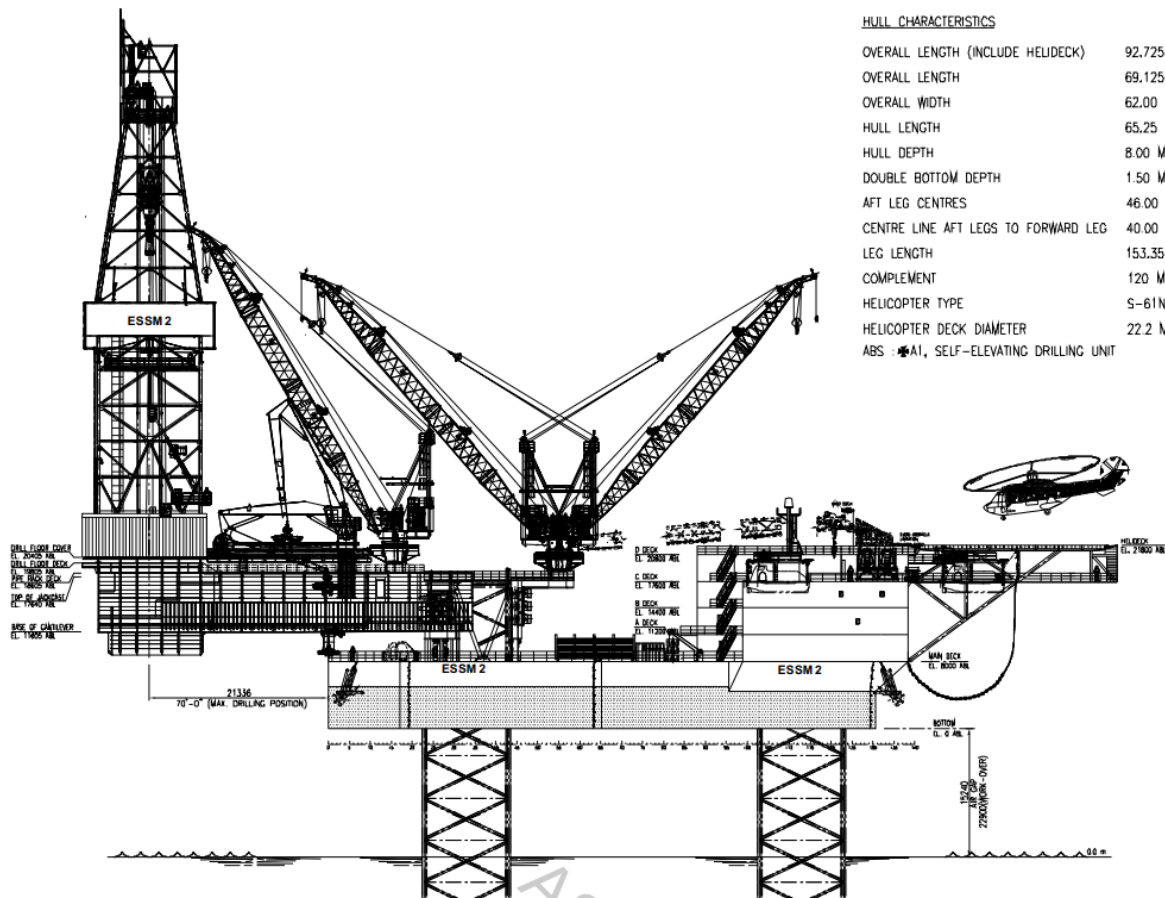
Mooring Winches	4 x MACGREGOR Electric, 35.0T x 4.0 m/min (1ST SPEED) pull capacity
Anchor Lines	4 x Galvanized Casting Sling, Breaking Strength 1122KN, 1-1/2" wire, 2297 ft
Anchors	4 x CHONGQING XINYE / DZ Delta HHP Achor

OTHER FEATURES

Helideck	72.18 ft diameter, Suitable for Sikorsky Sikorsky S-61N & S-92
Tension System	TSC / Hinged Push-up Ring on Conductor Platform, with 4 Hydraulic Cylinders and 4 Centralizers, 495 kips

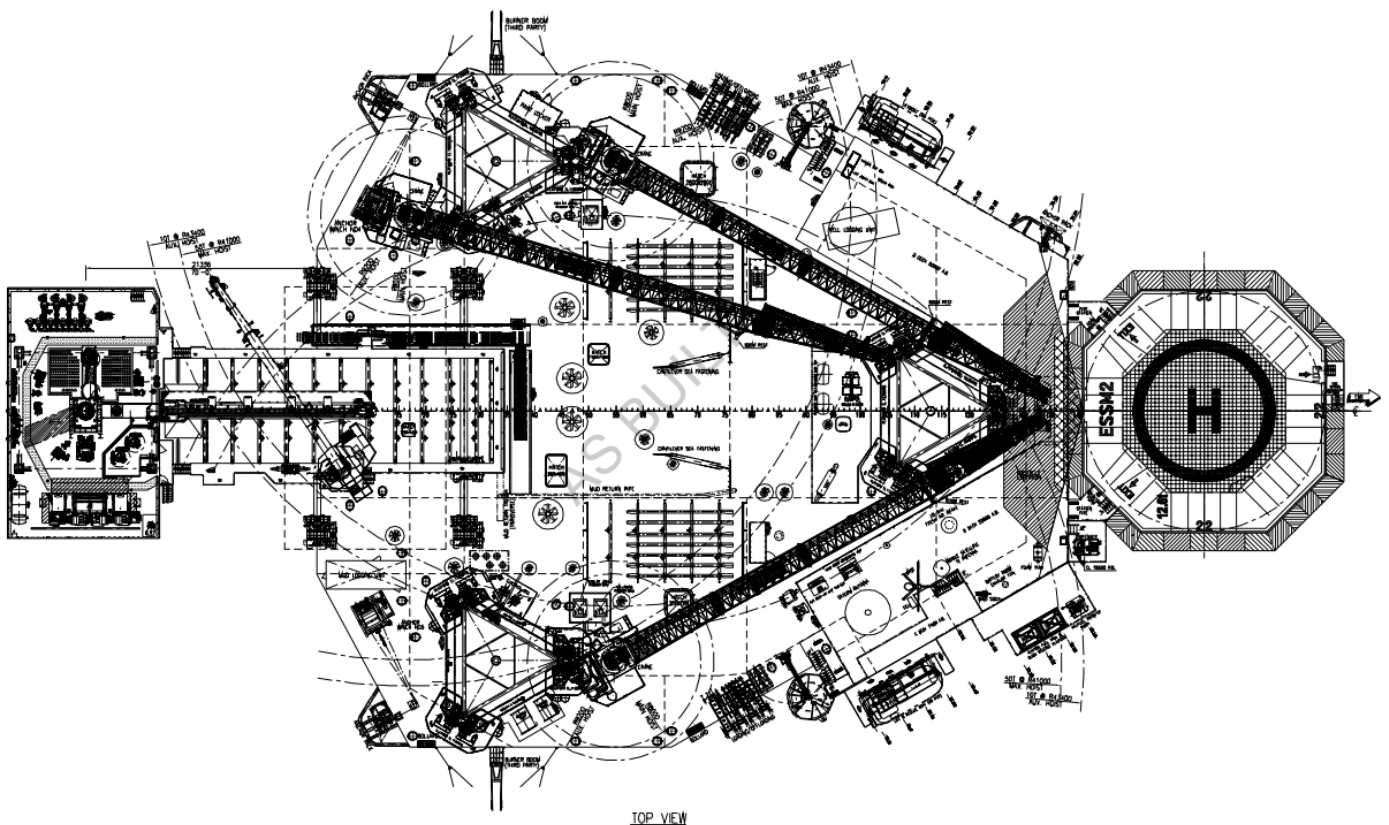
These specifications are intended for general reference purposes only. All equipment shall be operated and maintained at all times, in compliance with COSL DRILLING standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

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HULL CHARACTERISTICS

OVERALL LENGTH (INCLUDE HELIDECK)	92.725 M
OVERALL LENGTH	69.125 M
OVERALL WIDTH	62.00 M
HULL LENGTH	65.25 M
HULL DEPTH	8.00 M
DOUBLE BOTTOM DEPTH	1.50 M
AFT LEG CENTRES	46.00 M
CENTRE LINE AFT LEGS TO FORWARD LEG	40.00 M
LEG LENGTH	153.351 M
COMPLEMENT	120 MEN
HELICOPTER TYPE	S-61N/S-92
HELICOPTER DECK DIAMETER	22.2 M
ABS : A1, SELF-ELEVATING DRILLING UNIT	



TOP VIEW

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