

# 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

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

## Power Plant

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

## GROSS STORAGE CAPACITIES

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

## BOP Equipment

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

## Cranes

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

## Mooring Equipment

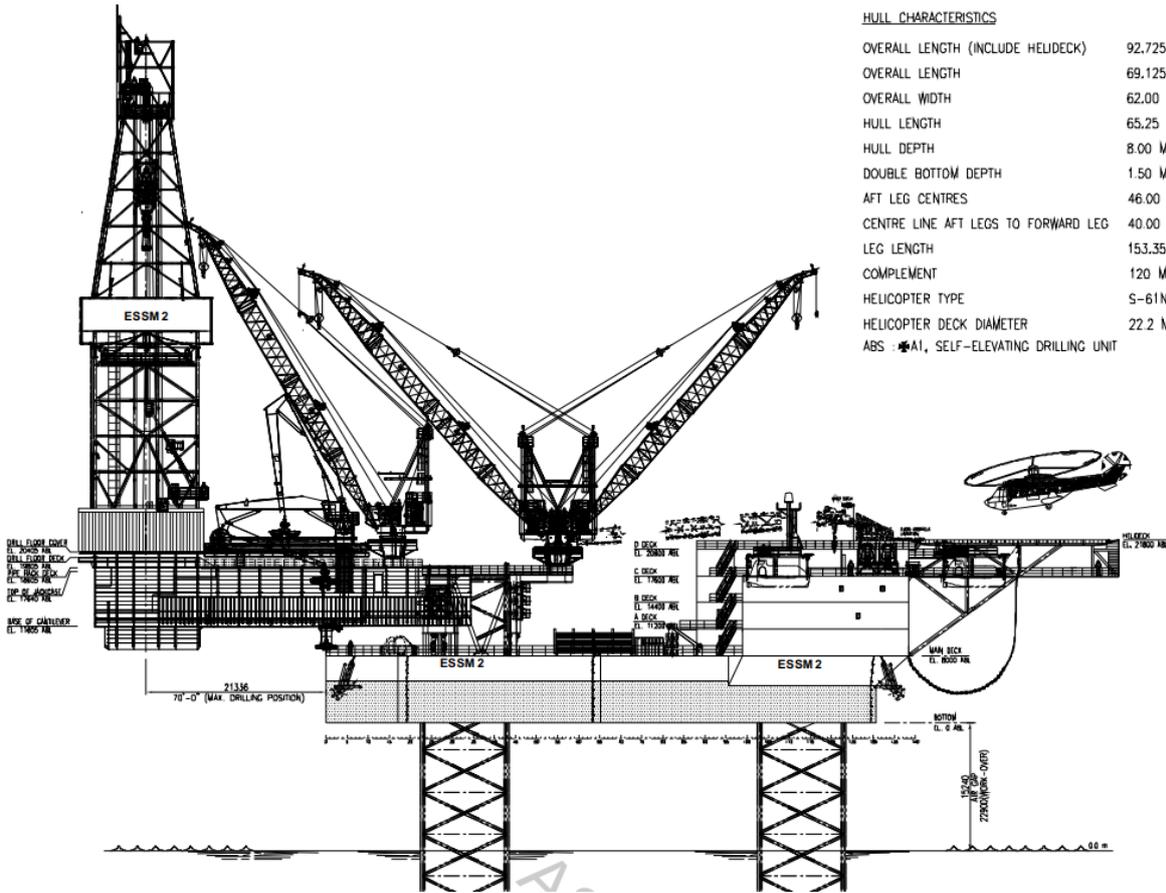
|                        |  |
|------------------------|--|
| <b>Mooring Winches</b> | 4 x MACGREGOR Electric, 35.0T x 4.0 m/min (1ST SPEED) pull capacity          |
| <b>Anchor Lines</b>    | 4 x Galvanized Casting Sling, Breaking Strength 1122KN, 1-1/2" wire, 2297 ft |
| <b>Anchors</b>         | 4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

## OTHER FEATURES

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

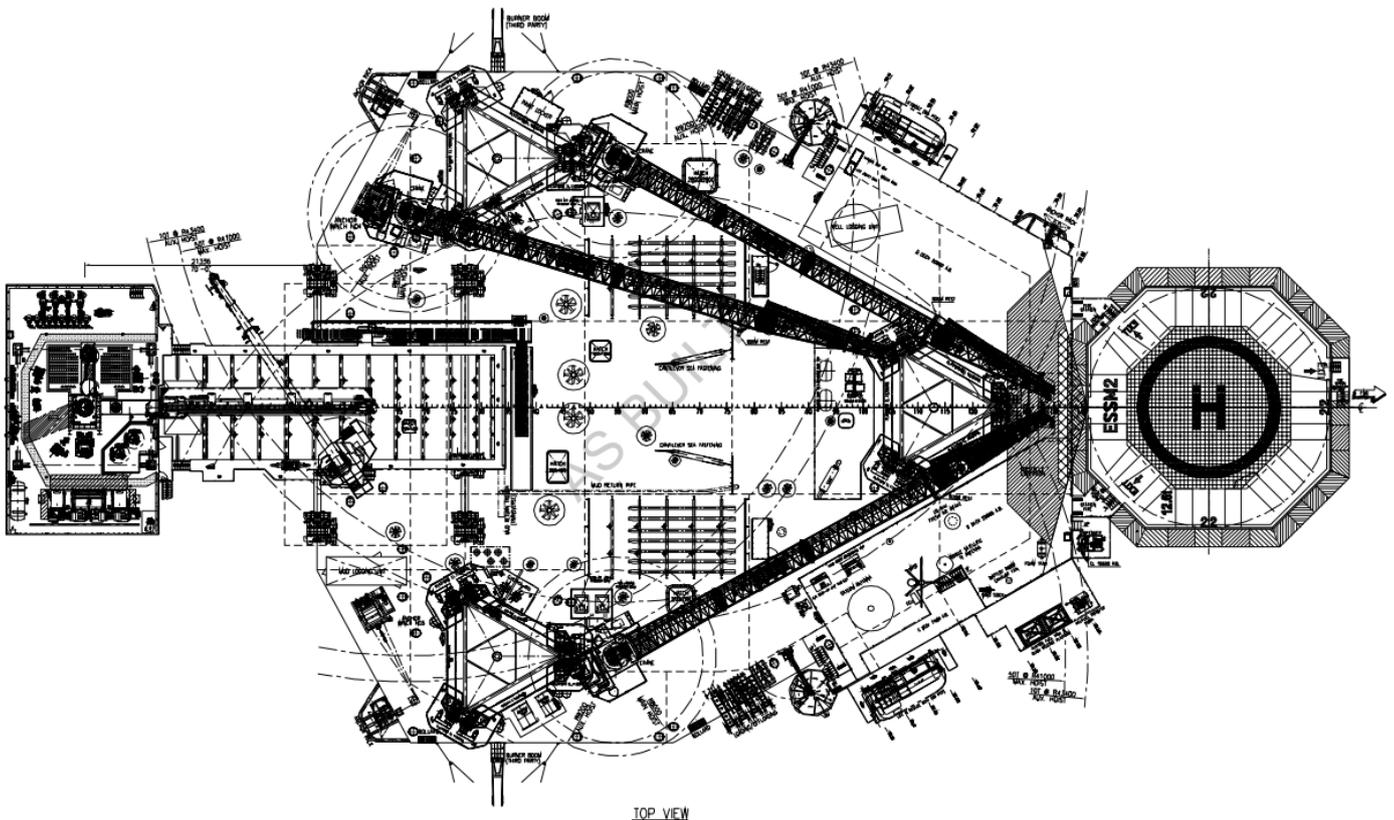
These specifications are intended for general reference purposes only. All equipment shall be operated and maintained at all times, in compliance with COSL DRILLING standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to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

**SINOCEAN WISDOM**



HULL CHARACTERISTICS

|  |            |
|--|------------|
| OVERALL LENGTH (INCLUDE HELI DECK)     | 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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