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60m Self-Elevating Drilling Unit



Listing ID - 1453DescriptionSelf-Elevating Drilling UnitDate
LaunchedNewLength59.745m (196ft)Beam55.78m (183ft)LocationChinaBrokerFranklin Taylor
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Gulf Driller V, the Super M2 Self-Elevating Drilling Vessel consists of a modified triangular hull with three (3) triangular truss work legs each fitted with spud cans at their lower ends. The modified triangular hull is 59.745m long, 55.78m wide, and 7.62m deep at the side. The three (3) legs are spaced with the forward leg on the centerline of the vessel and the two after legs 35.055m aft and 18.3m outboard of the centerline of the forward leg. The spud cans which form the lower segments of each leg are 12.09m in diameter and 4.57m high. The drilling depth is 30,000ft. The quarters house is constructed above the main deck and around the bow leg and consists of a four (4) story building for a 110 man crew.

General

Class: ABS Notation: ABS XA1 Self-Elevating Drilling Unit, CDS, CPS, CRC

Principal Dimensions

LOA: 59.745m Beam Overall: 55.78m Depth moulded: 7.62m Transit Draught: 4.8m No. of Legs: 125.3m Spud can diameter: 12.09m Spud can height: 4.57m Drilling Depth: 30,000ft

Design Environment

Service Area: TBA Water Depth: 91.44m Air Temperature: -10 degree Celsius min to 45 degree Celsius max Humidity:30% min to 90% max Wind Survival Operations: 100 kts Seawater Temperature: 0 degree Celsius to 35 degree Celsius Density: 1025 kg/m3 (For design purposes) Corresponding Wave Period: 13.5 sec Wave Height: 15.24m (Survival, of the water depth 300ft); 16.36m (Survival, of the water depth 250ft)

Cargo Capacities

Deck Load: 9000 kips Pipe Rack: 540 lbs/ft2 Main deck (outside pipe rack): 540 lbs/ft2 Quarter's deck: 90 lbs/ft2 House Tops: 150 lbs/ft2 Machinery Spaces: 270 lbs/ft2 Sack Stores: 540 lbs/ft2

Machinery / Propulsion

Main Engine and Generators: Caterpillar 3516C HD Offshore Generator Set: 5 Set, 1603kW, 600V, 60Hz Emergency: Caterpillar 3412C Emergency Generator Set: 1 set 730 ekW, 480V, 60Hz, 1800rpm Fuel Purifier: 250 GPH Two (2) Alpha-Laval MAB or equal Oily Water Separator: 5m3/h, the max oil content <15ppm Sewage Plant: 1x 110 man capacity, gray & black water Preload System: 3 centrifugal, vertical submersible pumps, 500m3/h @ 50m head FW Generator: 2x 30m3/D Air Compressor: 2x Rig Air Compressor; 1182m3/h @ 9 bar / 460V-3P-60HZ/IP44 1x bulk air compressor 1182m3/h @ 8 bar/460V-3P-60HZ/IP44 Cargo Pumps: 2x Fuel oil transfer pumps, 13m3/h @ 4.5ba RPM 1750 rpm/460V-3P-60HZ/IP55 Jacking System: NOV-BLM D60H/Super MOD2 Rack Chocks Sys: Friede & Goldman Arcos

Fire Fighting & Safety

Fire Fighting: 2x pumps 160 m3/hr @ 7 bar RPM 3500 rpm/460V-3P-60HZ/IP55 Life Boats: 2x 110 person / diesel drive / speed 6 knot; 1x Rescue Boat (6 men) Life Rafts: 5x 25 men

Helideck

1x Heli-deck suitable for Sikorsky S-61N helicopter

Navigation Equipment

Including electronic aids, electronic telecommunication system, radio telecommunication equipment, sensing, indicating and control equipment in accordance with the Regulatory Body requirement

Communication Equipment (GMDSS)

- 2 Inmarsat C
- 2 GMDSS Radio MF / HF
- 3 VHF radios
- 1 Satellite EPIRB
- 1 Navtex receiver
- 6 hand held VHF transceiver
- 2 Radar Transponder for lifeboats, the other 2 in jacking control room
- 1 Aviation VHF installed in the Jacking Control room for Helicopter Communications
- 2 Waterproof VHF radios for use in the Survival Capsuled (portable)
- 2 VHF located in Jacking Control room (portable)
- 2 VHF Radio located in cranes
- 6 UHF handheld transceiver
- 1 Fleet Broadband 500

Accommodation

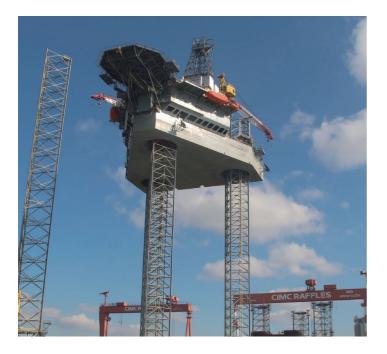
The accommodation and mess facilities are fit for 110 persons. The accommodation shall follow the guidelines for ILO regulations and be able to house 110 men in 4-man cabins (Have Approached Flag state for release)

Refrigerated Storage Capacity

Cold Store: 1x 13m3 walk in Freezer Chiller: 1 x 16m3 walk in Chiller room Provisions: 1x 25m3 walk in Provisions room

Deck Machinery

Main Deck Crane: 1x 120ft 50 ton at 24ft diesel drive; 1x 100ft 50 ton at 21ft / diesel drive 4 Point Moor System: 4x Single Drum Winches, Brake Hold 1170 kN, first layer Anchors: 4x anchors, 3.1752T ea Towing Gear: Bridle, 8m x 66mm steel chain; Hook-up, 5 ton Air tugger winch Rating, MBL 320T



The details of all vessels are offered in good faith but we cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. Any buyer should instruct their agents, or their surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to sale, price change, location or withdrawal without notice.

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