

# ASIAN ENDEAVOUR 1



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## General Description

Design/Generation	GustoMSC/CJ46
Constructing Shipyard	SWS Shipyard, China
Deliver Year/Upgrades	2019
Classification	ABS
Flag	Marshall Island
Overall Dimensions	214.1ft L × 203ft W × 26.2ft D
Legs	153.4m Length; Triangular
Usable leg below hull	445ft
Spudcan diameter	55.5ft
Draft at loadline	15.38ft
Displacement at loadline	15665t
Drilling VL	7715kips
Cantilever Envelope	70ft x 20ft
Operating Water Depth	375ft
Max. Rating Drilling Depth	30,000ft
Accommodation	120 beds

## Drilling Equipment

Derrick	Woolslayer Bolted, 40 x 35 ft @ base; 18 x 18 ft @ Crown x 170 ft clear working height
Simultaneous setback + hook-load capacity	Max.1188 tons
Drawworks	NOV ADS-10T AC
Top Drive	NOV TDS8SA, 1150HP, 7500PSI
Rotary Table	NOV/RST495
Tubular Handling	NOV PRS-8ER with catwalk machine
Mud Pumps	NOV 14-P-220*3, 2,200HP/ea, 7,500PSI
Solid Control	4* Derrick HYPERPOOL shale shakers
Drilling Manifold	NOV 7,500 PSI W.P. Standpipe Manifold NOV 15,000 PSI W.P. Cement Manifold NOV API 16C 3 <sup>1</sup> / <sub>16</sub> " 15k Upstream / 3 <sup>1</sup> / <sub>16</sub> " 15k Down Stream

## Power Plant

Main Power	5* Caterpillar/3516C-HD diesel engines rated at 1,534 KW, 1,200 RPM
Emergency Power	1 X Caterpillar/C32 diesel engine rated at 910.4 KW, 1,800 RPM

## STORAGE CAPACITIES

Fuel Oil	581m <sup>3</sup>
Liquid Mud	720m <sup>3</sup>
Brine	203m <sup>3</sup>
Base Oil	203m <sup>3</sup>
Drill Water	3553m <sup>3</sup>
Potable Water	588m <sup>3</sup>
Bentonite/barite	212m <sup>3</sup>
Cement	212m <sup>3</sup>
Sack Storage	5,000 sacks

## BOP Equipment

Diverter	VETCO/KFDJ-500
BOP annular	HMH/GX 18-10M, 18-3/4"*10000PSI WP Annular
BOP rams	HMH/ 18-15M DR, 18-3/4"*15k PSI, Dual Ram BOPs;
BOP handling	2*Ingersoll Rand pneumatically operated BOP hoists each with a capacity of 75 MT

## Cranes

Port Fwd,	3*Favelle Favco crane 7.5/10K
Port Aft,	Main hoist: Up to 50.0 T at 10.0 m/min (on board)
Stbd	: Up to 9.0 T at 41.5 m/min (on board) Fly Hoist: Up to 10.0 T at 42.1 m/min (on board) : Up to 9.4 T at 43.5 m/min (on board)
Knuckle-Boom	1*NOV Pipehandling Crane PC1891K

## Mooring Equipment

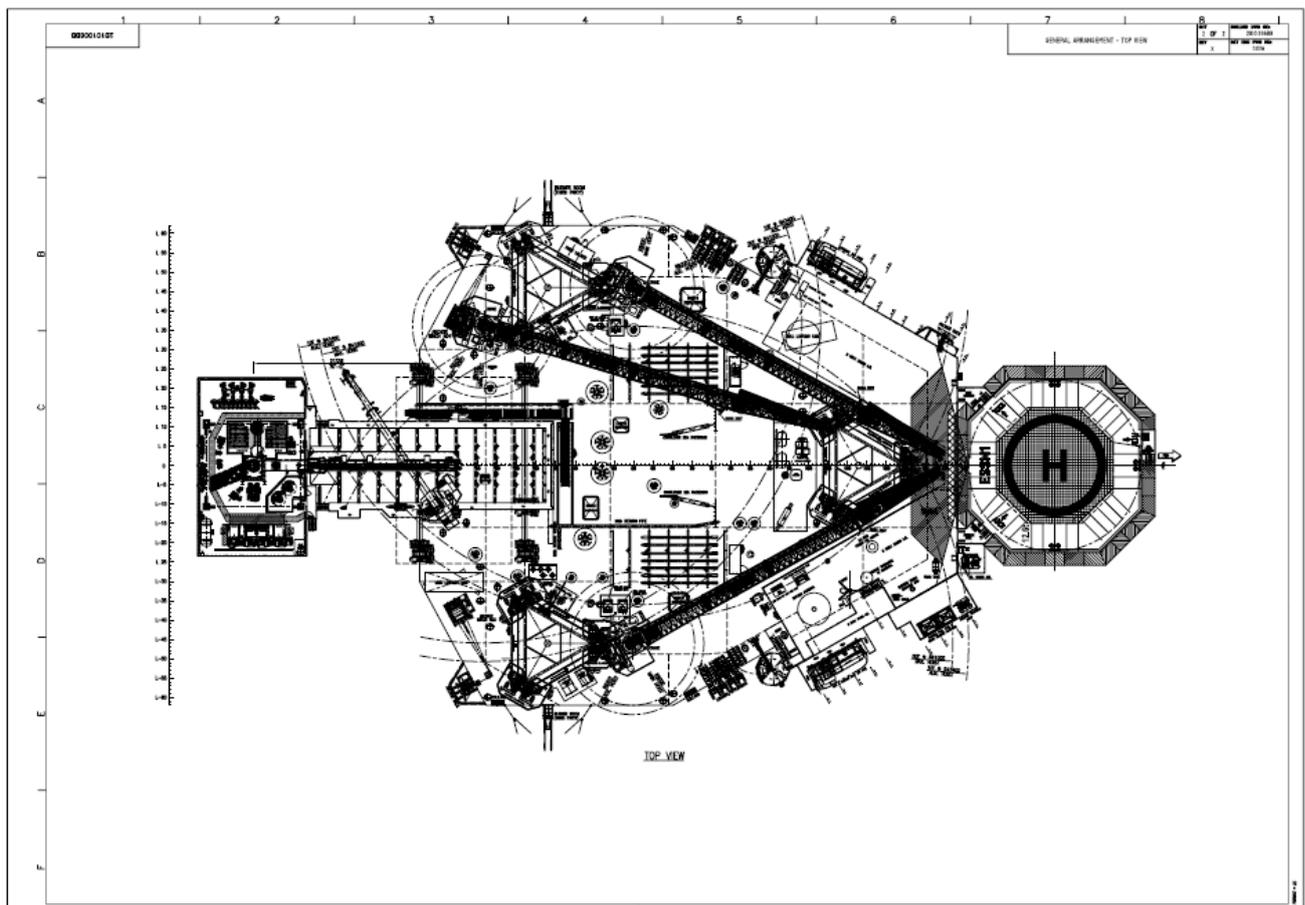
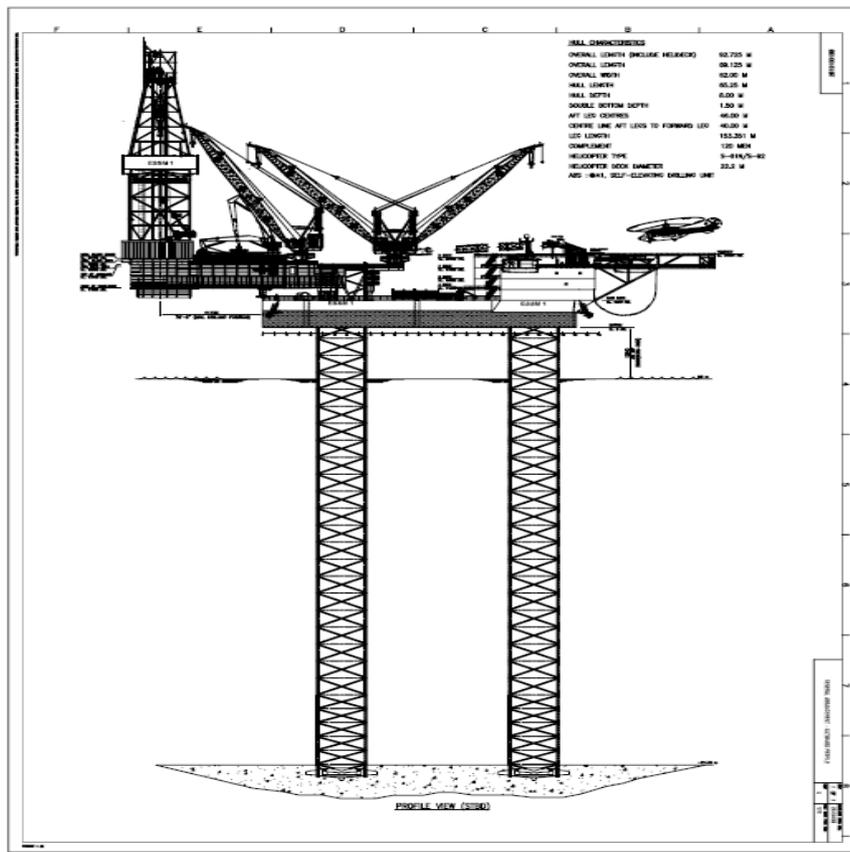
Mooring Winches	4* PH single drum two speed, 35MT rated pull capacity.
Anchor Lines	Guizhou wire rope company/6 × 36 IWRC/ diameter 38mm/ length 750m
Anchors	3500KG DZ Delta HHP ANCHOR

## OTHER FEATURES

Helideck	Rated for Sikorsky S61N/S92 helicopter with Maximum Take Off Mass of 12.6 tons
Tension System	TSC / 24262, 225 MT/496 kips capacity CTU with 350mm/13-3/4" stroke suitable for maximum 30" conductor

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