

# OCEAN RIG SKYROS

ULTRA-DEEPWATER DUAL-ACTIVITY DRILLSHIP



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## General Description

Design / Generation	Samsung 12000
Constructing Shipyard	Samsung Heavy Industries, South Korea
Year Entered Service / Significant Upgrades	2013
Classification	DNV +1A1 Ship Shaped Drilling Unit BIS CLEAN CRANE DYNPOSAUTRO E0 HELDK
Flag	Marshall Islands
Dimensions	748 ft. x 137.8 ft. beam x 62.3 ft. depth
Drafts	37.7 ft operating / 37.7 ft survival / 27.9 ft transit
Accommodation	215 persons
Displacement	96,000 mt operating / 66,500 mt transit
Variable Deck	20,000 mt operating / 20,000 mt survival / 16,500 mt transit
Transit Speed	up to 12 knots
Maximum Water Depth	12,000 ft designed / 10,000 ft outfitted
Maximum Drilling Depth	40,000 ft

## Drilling Equipment

Derrick	Dual derrick (Main) NOV Type DDBN-1250 (Aux) NOV Type DDBN-1 000
Hookload Capacity	(Main) 1,250 st. 16 lines. (Aux) 1,000 st. 14 lines
Drawworks	(Main) NOV SSGD-1250-6900hp (Aux) NOV SSGD-1000-5750hp
Compensator	(Main) NOV CMC-E 500/2500- CAPV's, rating 1250 st., compensating 750 stons. 25ft stroke (Aux) NOV CMC 1000-25, rating 1000 st. compensating: 500 st. 25ft stroke
Rotary Table	(Main) NOV RST 755 hydraulic driven 75 1/2" (Aux) NOV RST 605-F 60 1/2"
Top Drive	2 x NOVTDX 1250/TDX-1250
Tubular Handling	2 x NOV Hydraracker IV pipe handlers, 2x NOV Multi Purpose Tong (MPT 200) Iron Roughnecks with TF-975 tool frame, Fwd and aft catwalk machines
Mud Pumps	5 x HP mud pumps NOV-14P-220, 2200hp, 7500psi
Solids Control	6 x VSM 300 shale shakers

## Power & Machinery

Main Power	6x Wartsila 16/32 LowNox, 7290 kW each total 43,740 kW 6x ABB AMG 900 LSE, 7000 kW each, total 42,000 kW
Emergency Power	1x STX Cummins / QSK60DMGE 2547 HP diesel engine driving 1 x Newage / PM734E1 generator

## Storage Capacities

Fuel Oil	53,770 bbl
Liquid Mud	6,430 bbl active / 9,440 bbl reserve
Base Oil	4,680 bbl
Brine	4,710 bbl
Drill Water	15,200 bbl
Potable Water	8,120 bbl
Bulk Material	(mud + cement) 31,920 cu. ft.
Sack Storage	8 x 19 x 4 m

## BOP & Subsea Equipment

BOP	NOVShaffer 7 ram 18/ 3/4" NXT BOP. 15,000psi
Wellhead Connector	Vetco Super HD H4 DWD type
Annulars	2 x NOV Shaffer 10,000psi
Marine Riser	NOVShaffer FT-HB 21" OD Flanged. With 4 1/2" ID K/C lines, 4" ID booster line and 2ea conduit lines
Tensioners	8 x dual (16ea) NOV / Dual WRTs, 102 mt / 1,632 mt (3,600 kips)
Diverter	NOV Shaffer 21-500-75 EXT
BOP Control	NOV 112-Line 5th Generation MUX Pod
Moonpool	25.6 m x 12.48 m

## Station Keeping / Propulsion System

Thrusters	6 x Rolls Royce UUC 455 azimuth thrusters
DP System	DP Class 3 Kongsberg / ICMS / K-POS

## Cranes

Cranes	(Fwd) 2 x Knuckle Boom Crane 85mt, type OC3932KE (Aft) 2 x NOV. Knuckle Boom Crane 100mt, type OC4000KE
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## Other Information

Helideck	D 22.2m, 12.8mt load capacity, rated for Sikorsky S-92 helicopters
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# BOUNDLESS

Revision Date: 05 December 2018



**SERVICE FOCUSED  
DATA DRIVEN  
PERFORMANCE ORIENTED**

These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Transocean standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

Patent Notice: This rig, its systems, components, and/or equipment in use on this rig, may be protected by one or more US and/or foreign patents.