

# Noble Bully II

## General

Rig Type:	Drillship
Rig Design:	Gusto MSC Design – PRD12,000
Builder:	Shanghai Shipbuilding Co. Ltd.; Keppel
Year Built / Upgraded:	2011
Classification:	DNV +1A1, ICE-05, Ship Shaped Drilling Unit, DYNPOS-AUTR, BIS
Flag:	Liberia
MODU Code:	2001

## Ratings & Dimensions

Water Depth:	8,250 ft
Drilling Depth:	40,000 ft
Length:	615 ft
Breadth:	128 ft
Depth:	49 ft
Draft (Operating/ Transit):	33 ft / 33 ft
Moonpool:	64 ft x 41 ft
Variable Deck Load:	27,117 kips
Hook Load:	2,000 kips on main hoist; 1,000 kips on auxiliary hoist
Setback Capacity:	2,100 kips
Racking Capacity:	20,000 ft of 6.58 in DP; 10,000 ft of 5-7/8 in DP; 10,000 ft of 4 in DP; 9,450 ft of Casing
Quarters Capacity:	156

## Capacities

Fuel:	24,014 bbls
Drill Water:	6,497 bbls
Liquid Mud:	13,385 bbls
Brine Storage:	3,246 bbls
Base Oil Storage:	3,246 bbls
Bulk Storage:	18,132 cu ft
Sack Storage:	8,000 sacks



## Equipment

Derrick:	Huisman Multi-Purpose Tower (MPT); 18.3 ft x 26.3 ft x 260 ft ; Gross Capacity Main Hoist: 2,000 kips (SWL) & Gross Capacity Aux. Hoist: 1,000 kips
Drawworks:	Huisman GE GEB 22; 6,600 hp main / Huisman GE GEB 22; 3,300 hp aux
Top Drive:	AKER / MH DDM-1000-AC-2M; 77,800 ft-lbs @ 240 RPM
Rotary:	Wirth 605 HY; 60-1/2 in (Main and Auxiliary Floor)
Iron Roughneck:	Aker Solutions Maritime Hydraulics Torque Master
Motion Compensator:	Passive Heave with Active Heave Compensated Drawworks 1,760 kips
Riser Tensioner / Stroke:	(6) Huisman (Rexroth cylinders); 550 kips/ea.; 3,300 kips total; 50 ft stroke
Riser Details:	Aker 21 in CLIP 90 ft joints
BOP:	Cameron EVO; 6 ram; 18-3/4 in x 15k psi w/ (1) Cameron DL 18-3/4 in 10k psi annular
LMRP:	(1) Cameron DL 18-3/4 in x 10 psi annular
Control System:	Oceaneering 132 MUX System
Pipe Handling System:	(2) Huisman PRDSB, (2) Huisman PRDPS
Solids Control System:	(6) Axion AX-1 Triple Deck; 2500 gpm @ 16.5 ppg mud weight; (4) Burgess D-Gaser; 1,00 GPM
Diverter:	Dril-Quip CSO; 60 in x 500 psi
Tree Storage/ Handling:	Huisman 680 MT Tree Cart and Overhead Crane with 2 x 50 MT hoists
Cranes:	(2) Huisman PMOC 100 T; (1) Huisman Jib 6 T (top of MPT); (1) Palfinger Helideck Access Crane; (5) Huisman Gantry Cranes
Mud Pumps:	(4) Wirth PBO11 TPK; 2,200 hp
Engines:	(8) EMD 20-710-G7C-T2
Station Keeping:	Kongsberg K Pos
Thrusters:	(6) Converteam Variable Speed Induction Motor Azimuth; 4,200 hp



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