

General

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| Rig Type: | Semi-Submersible |
| Rig Design: | DSS21-DPS2 |
| Builder: | KFELS, Singapore |
| Year Built / | 2009 |
| Upgraded: | |
| Classification: | ABS |
| Flag: | Marshall Islands |
| MODU Code: | 1989 |

Ratings & Dimensions

| | |
|-------------------|--|
| Water Depth: | 10,000 ft |
| Drilling Depth: | 40,000 ft |
| Length: | 384 ft |
| Breadth: | 256 ft |
| Depth: | 62.3 ft |
| Draft (Operating/ | 67.3 ft / 31.8 ft |
| Transit): | |
| Moonpool: | 108.3 ft x 29.5 ft |
| Variable Deck | 22,960 kips |
| Load: | |
| Hook Load: | 2,000 kips on main hoist; 1,500 kips on auxiliary hoist |
| Setback Capacity: | 2,645 kips |
| Racking Capacity: | 6 5/8" DP 78 at 133 ft, 5" DP 90 at 133ft, 3 1/2" DP 54 at 133ft, 16" csg 78, 13 3/8 csg 90, 9 5/8 csg 114 |
| Quarters | 180 |
| Capacity: | |

Capacities

| | |
|-------------------|--------------|
| Fuel: | 25,160 bbls |
| Drill Water: | 12,580 bbls |
| Liquid Mud: | 18,870 bbls |
| Brine Storage: | 4,718 bbls |
| Base Oil Storage: | 4,718 bbls |
| Bulk Storage: | 48,000 cu ft |
| Sack Storage: | 5,000 sacks |



Equipment

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|---------------------------|--|
| Derrick: | NOV; 210 ft x 72 ft x 39 ft; 1,250 st main & 750 st aux |
| Drawworks: | Wirth / GH 6000 EG-AC; 5,600 hp main / Wirth / GH 4500 EG-AC; 4,200 hp aux |
| Top Drive: | NOV HPS 1000; 80,800 ft-lbs @ 130 rpm |
| Rotary: | NOV Model RST-605; 60-1/2 in Main, NOV Model RST-605; 60-1/2 in Aux |
| Iron Roughneck: | NOV Hydratong; 140,000 / 200,000 ft-lbs. m/u / b/o torque |
| Motion Compensator: | NOV Crown Mounted plus Active Heave |
| Riser Tensioner / Stroke: | (6) NOV NOV N-line tensioners 3600 kips; Wire line travel of 50ft |
| Riser Details: | Aker Kvaerner Subsea / Clip; 75 ft length; |
| BOP: | GE Hydril; 6 ram; 18-3/4 in x 15k psi |
| LMRP: | (2) Hydril GX 18-10, BTM FLG 18-3/4 in x 10 psi annulars |
| Control System: | GE Hydril MUX System |
| Pipe Handling: | NOV (2) HydraRacker w/ 30 kips lifting capacity |
| Solids Control System: | (8) MI Swaco / BEM 650 Shakers, Mi Swaco/CD-1400 Vertical Degasser |
| Diverter: | Hydril FS; 60 in x 2,000 psi |
| Tree Storage / Handling: | NOV; (1) 230T Xmas Tree Carrier, located at aft end of Moonpool, (1) 2x50T Xmas Tree overhead crane, (2) 100T Subsea tree skid |
| Cranes: | (1) NOV Active Heave Compensated Subsea Knuckleboom crane-165T, (1) Favelle Favco - 60T, (1) NOV Knuckleboom pipe handling crane |
| Mud Pumps: | (4) Wirth TPK 7-1/2" x 14" / 2200 ; 2,200 HP |
| Engines: | (8) Wartsila 16V26 w/4,960Kw per engine, w/8 generator |



rating of 4,840Kw per generator

Thrusters:

Wärtsila LIPS Thrusters (8) 4,000kw

Station Keeping: Kongsberg/ K, DP2+

Thruster

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