



Type.....	Drillship Dynamic Positioning
Flag.....	Panama
Year Built / Upgraded.....	2011
Design.....	Samsung 90K Drillship
DP Class.....	DPS-3

GENERAL DESCRIPTION

Operation Draft.....	12.0 m
Survival Draft.....	12.0 m
Transit Draft – Field Move.....	12.0 m
Transit Draft – Open Sea.....	9.0 m
Variable Deck Load Drilling.....	20,000 ton
Variable Deck Load Transit (Towing/Field).....	20,000 (16,500) ton
Variable Deck Load Survival.....	20,000 ton
Transit Speed.....	11.5 knots
Maximum Water Depth.....	3,000 m
Minimum Water Depth.....	457 m
Maximum Drilling Depth.....	12,192 m
Accommodation.....	180 persons

DRILLING EQUIPMENT

Derrick.....	NOV 210' (Dual)
Hookload Capacity.....	Main: 907 ton / Aux.: 907 (318) ton
Drawworks... Main: NOV SSSGD-1000-6000 / Aux.: NOV One Layer Winch	
Drilling Line.....	Main: 2 in / Aux.: 1-1/2 in
Compensator Type.....	Main: NOV CMC-E
Compensator Capacity.....	Main: 1,500,000 lb
Rotary Table.....	Main: NOV RST605 / Aux.: NOV RST605
Rotary Table Opening.....	Main: 60.5 in / Aux.: 60.5 in
Rotary Table Static Load Capacity ..Main: 907 ton / Aux.: 907 (318) ton	
Top Drive.....	Main: NOV HPS-1000
Top Drive Capacity.....	907 ton
Top Drive Max. Cont. / Interm. Torque.....	78,000 (115,060) ft.lb
Top Drive Working Pressure.....	7,500 psi
Tubular Handling.....NOV HR IV Hydraracker (Main and auxiliary wells); NOV Upper and Lower Fingerboards; NOV Iron Roughneck / Casing Tong (Main and auxiliary wells) 3½ " to 9 ¾" and casing up to 25" diameter)	
Mud Pumps Quantity.....	4
Mud Pumps Quantity.....	4
Mud Pump Type.....	NOV 14-P-220

Mud Pump Working Pressure.....	7,500 psi
Mud Pump Power.....	2,200 hp
Shale Shakers.....	4 (Four) BRANDT VSM 300
Mud Cleaner & Vacuum Degasser.....	2 (Two) Shale shaker equipped with Desander 3x12", Desilter 24x4" and 2 (Two) Vacuum Degasser

POWER & MACHINERY

Main Power.....	6
Generators Model.....	ABB, AMG 0900XU10 LSE
Generators Power.....	6,800 kW
Engines Model.....	STX-MAN, 14V32/40
Engines Power (each).....	9,118 hp
Emergency Power.....	STX QSK60-DMGE Engine, 1,350 kW, 1,800 rpm
Power Distribution.....	ABB

STORAGE CAPACITIES

Fuel Oil.....	45,021 bbl
Liquid Mud (active).....	5,975 bbl
Liquid Mud (reserve).....	9,529 bbl
Base Oil Mud.....	3,187 bbl
Brine.....	6,374 bbl
Drill Water.....	17,992 bbl
Potable Water.....	8,084 bbl
Bulk Material.....	31,920 cu.ft
Sack Storage.....	6,400 sacks

BOP AND WELL CONTROL EQUIPMENT

BOP Configuration.....	8-A2-R6
BOP Size.....	18 3/4 in
BOP Rams Working Pressure.....	15,000 psi
BOP Annular Working Pressure.....	10,000 psi
BOP Handling.....NOV BOP Gantry Crane 2 x 220 ton; NOV BOP Guide & Seafixing System; NOV BOP Bulkhead Seafixing; NOV 480-ton BOP Trolley	
Marine Riser Type.....	NOV FT-HB 90 ft
Marine Riser Id.....	20 in
Marine Riser Joints.....	121
Diverter.....	NOV Shaffer 21-1/4" x 500 psi
Tree Handling.....	NOV 120-ton Tree Trolley; NOV 120-ton Tree Skid
Choke Manifold Working Pressure.....	15,000 psi
Choke Manifold Size.....	3.0625 in

STATION KEEPING / PROPULSION

Thrusters.....	6
Thrusters Type.....	Kawasaki Azimuth Thrusters
Thrusters Power.....	4,500 kW
Dp System.....	Kongsberg K-POS-32/12 Dynamic Positioning System
Mooring System.....	Emergency Towing Equipment with a KETA-40A for the aft deck. Consists of a pickup gear, a towing bracket and fairlead, and a towing wire and storage drum.

CRANES

Port. Two (2) Pedestal Knuckle Boom NOV 85 ton @ 15 m (forward for the pipe deck and aft for riser deck)	
Starboard.....	Two (2) Pedestal Knuckle Boom NOV 85 ton @ 15 m

OTHER INFORMATION & FEATURES

Helideck.....	D value 27.3 m, Max. weight 12.8 ton, Enhanced Offline Capability, MPD Ready, Zero Discharge
---------------	---