General Information

Design: KFELS Super A
Builder: KFELS Singapore
Year Built: Delivery June 2013
Class: ABS * A1 Self-Elevating Drilling Unit

Principal Dimensions:
Length: 246 ft
Breadth: 232 ft
Depth: 31 ft
Legs: 3 x 525 ft
Leg Spacing: 150 ft Longitudinal
156 ft Transverse
Spud Can Diameter: 59 ft
Cantilever Envelope: 75 ft x 30 ft

Operating Parameters:
Design Water Depth: 400 ft
Drilling Depth Rating: 35,000 ft
Leg Penetration: Min. 4 ft. Max. 120 ft
Air Gap: 65 ft current; 90 ft w/modifications
Design Criteria: IMO, SOLAS, & MARPOL

Maximum Allowable Loads:
Variable Load: 14,300 kips
Static Hook Load: 2,000,000 lbs
Setback: 1,450,000 lbs
Rotary: 2,000,000 lbs
Max Cantilever Load: 2,600,000 lbs at 75 ft Centerline

Storage Capacities
Fuel: 4,400 bbls
Drill Water: 17,900 bbls
Potable Water: 3,500 bbls
Liquid Mud: 5,580 bbls
Base Oil: 1,470 bbls
Brine: 1,470 bbls
Bulk Mud/Cement: 17,600 cu ft
Sack Material: 5,000 sacks
Upper Pipe Rack: 3,480 sq ft
Main Deck: 4,930 sq ft

Power System
Main Power: 6x Caterpillar Model 3516C HD,12,900 hp total
Power Distribution: 11 x VFD units 10,500 kw total
Emergency Power: 1x Caterpillar Model 3508, 920 kw

Hoisting Equipment
Cranes: 2x Seatrax 120 ft boom, 140,000 lbs at 25 ft radius Port Forward / Starboard
1X Seatrax 140 ft boom, 140,000 lbs at 25 ft radius Port Aft
1 X Outreach PKM700T knuckle boom crane with an 80 ft boom, 7,716 lbs at 40 ft radius, starboard side of the cantilever

Mooring Equipment
Winches: 4 x 45 metric ton
Wires: 2 in x 2,000 ft
Anchors: 4 x Bruce, 7 metric ton

Drilling Package

Derrick: NOV 170 ft x 40 ft x 40 ft, w/
Static hook load capacity of 2,000,000 lbs.

Drawworks: NOV ADS-10Q, 4,600 hp w/ 2 in Drill Line
Rotary Table: NOV 49-1/2 in (RST) Rotary Support Table
Top Drive: NOV TDS-1000
Crown Block: WCI 1,000 us ton
Traveling Block: NOV 1,000 us ton
Mud Pumps: 3 x NOV 14-P-2200 w/ 7,500 psi capability
Shale Shakers: 5 x NOV VSM-300
Instrumentation: NOV Amphion Integrated Drilling Control

Pipe Handling
NOV Automated PRS-8i
NOV Raised Hydraulic Catwalk
Offline Activity Crane
NOV, 20,000 lbs
(SWL) Safe Working Load
Hydraulic Cathead: 2 x NOV HC-26
Power Slip: NOV PS-21 w/ inserts for 4 in to 13-3/8 in tubular

Well Control System
BOP: 2 x Cameron 18-3/4 in 15,000 psi double ram TL, 1 x Cameron 18-3/4 in 10,000 psi DL Annular
BOP Handling: 2 x 100 metric ton J.D. Neuhaus overhead cranes
Control System: Cameron
Diverter: Cameron 47-1/2 in, 1,000 psi with 16 in flow lines

Additional Data
Accommodations: 150 berths ILO 92; or 120 berths ILO 133
Helideck: Rated for: S-92 and S-61N
Preload Pumps: EMU 5,000 gpm dedicated
Note: Capable of jacking with full preload.

The above listed equipment specification is subject to minor modifications and changes.
For more information contact Hercules Offshore at (713) 350-5100 or marketing@herculesoffshore.com
rev.04 September 04, 2014