



## ENSCO DPS-1 (formerly Atwood Condor)

### GENERAL INFORMATION

<b>Flag:</b>	Marshall Islands
<b>Previous Name(s):</b>	Atwood Condor
<b>Year Built:</b>	2012
<b>Builder:</b>	Jurong Shipyard, Singapore
<b>Design:</b>	F&G ExD Millennium
<b>Classification:</b>	ABS

### MAIN DIMENSIONS

<b>Pontoons:</b>	354 ft (108 m)
<b>Moon Pool:</b>	138.5 ft x 29.5 ft (42.7m x 10.6m)
<b>Columns:</b>	4 x 52 ft.
<b>Keel to Main Deck:</b>	118 ft (36 m)
<b>Main Deck:</b>	244 ft x 244 ft

### MACHINERY

<b>Main Power:</b>	Eight (8) Caterpillar C 280-16 Main diesel engine 5060 bkW, 900 rpm
<b>Power Distribution:</b>	Two (2) ABB Switchboard 11,000 V for generator control and distribution
<b>Emergency Power:</b>	One (1) Meccomb Model D325 emergency generator cold start air compressor 18.9 acfm @ 150 ps
<b>Thrusters:</b>	Eight (8) Rolls Royce Thrusters c/w steering motors control panel and hydraulic unit, 3800 kW, 720 rpm

### OPERATING PARAMETERS

<b>Water Depth:</b>	10,000 ft (3,048 m)
<b>Drilling Depth:</b>	35,000 ft (10,668 m)
<b>Air Gap:</b>	52.5 ft
<b>Transit Speed:</b>	4 knots at 15 m draft
<b>Variable Drilling Loads (Transit):</b>	5,127.7 MT @ 8.35 m draft
<b>Operating Conditions:</b>	8,000 MT @ 20 m draft
<b>Survival Conditions:</b>	7,888.4 MT @ 15 m draft
<b>Transit Conditions:</b>	7,704.9 MT @ 13.9 m draft

### DRILLING EQUIPMENT

<b>Derrick:</b>	One (1) NOV Galvanized Derrick, 15m x 16m (approx. 49.2ft x 52.5ft) Base, 210 ft. working height static hook load 2,000 kips
<b>Drawworks:</b>	One (1) NOV 1,000 ton, 6 motor AHD-1000 Active Heave Drawworks System Equipped with GEB – 22 (General Electric) alternating current motors Continuous rating is 858 kW (1150 HP), 600 VAC, 1024 Amps @ 800 rpm
<b>Rotary:</b>	One (1) NOV Rotary table 60½", hydraulic drive (20 rpm) and brake
<b>Top Drive:</b>	One (1) NOV TDx-1250 (1,000 ton Rotating Hook Load) top drive, with PH-100 pipe handler, block retract and raised back-up system
<b>Drill String Compensator:</b>	Active heave drawworks, 1000t
<b>Traveling Block:</b>	One (1) NOV HTB-1000 traveling block rated at 1,000 S.T.
<b>Handling:</b>	One (1) NOV Dual Hydra-Racker IV-ER Automated pipe handling/racking system (one of the Hydra-Rackers used as a Separate Stand Building system for Tubulars up to 13-5/8") Two (2) NOV ST-120 Iron Roughneck
<b>Cementing:</b>	Third party free placement
<b>Mud Pumps:</b>	Four (4) NOV 14P-220 HP mud pumps, 2,200

<b>Drill Pipe:</b>	HP, 7,500 psi 5.5" x 15,000 ft S135 R3 GPDS 55 6 5/8" x 10,000 ft V-150 R3 GPDS 65
<b>HWDP:</b>	5 1/2" x 32 standard R2 uGPDS55 6 5/8" x 32 standard R2 uGPDS65
<b>Drill Collars:</b>	8 1/4" x 24 spiral, 6 5/8 Reg 7" x 32 spiral, NC-50 9 1/2" x 8 spiral, 7 5/8 Reg

### HOISTING EQUIPMENT

<b>Crane:</b>	Two (2) each Seatrax Series S108 One (1) NOV Riser Gantry Crane One (1) NOV Tubular Gantry Crane One (1) NOV BOP Gantry Crane
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### CAPACITIES

<b>Liquid Mud Active &amp; Reserve:</b>	16,755 bbls
<b>Base Oil:</b>	4,687 bbls
<b>Brine:</b>	5,116 bbls
<b>Bulk Material:</b>	32,970 cu. ft
<b>Sacks:</b>	6,200 sacks
<b>Drill Water:</b>	21,873 bbls
<b>Potable Water:</b>	10,357 bbls
<b>Fuel Oil:</b>	21,459 bbls

### WELL CONTROL SYSTEMS

<b>BOP:</b>	Two (2) Hydril BOP & accessories, 18-3/4" x 15,000 psi, 6 Ram (incl. 3 Shear Rams), 2 Annulars
<b>BOP Handling:</b>	Two (2) NOV BOP skid SWL 350 MT, One (1) NOV LMRP skid SWL 200 MT, One (1) NOV BOP Trolley SWL 750 MT, One (1) NOV BOP Overhead Crane 2x275MT (+ 2 x 20 MT Aux), One (1) NOV X-Mas Tree Trolley SWL 200 MT, One (1) NOV Underhull Guidance System, Two (2) NOV 5 MT Moonpool Hyd. Tuggers, Two (2) NOV 10 MT Moonpool Hyd. Tuggers, Two (2) NOV MR Moonpool Hyd. Winches, Two (2) NOV Moonpool access baskets Hydril Control System 3,000/5,000 psi in accordance with API Spec 16D
<b>Control System:</b>	10,000 ft. Aker Solutions CLIP Marine Riser, 75 ft. each, 21" OD including bare joints and pup joints
<b>Riser Details:</b>	
<b>Riser Tensioner:</b>	Six (6) NOV In-Line Riser Tensioners, 600 kips each, total 3,600 kips capacity
<b>Diverter:</b>	One (1) Hydril Diverter, 60-1/2" x 500 psi, fixed type, 18" flow line 16" diverter lines

### MOORING

<b>Winches:</b>	Two (2) Rolls Royce CU87R4E; 41 tons @ 16 m / min
<b>Chain:</b>	Two (2) RQ4 anchor chains. Total length 440 m / 1443 ft. chain.
<b>Anchor:</b>	One (1) Vryhof Stevin MK 3 x 16.9 tons (primary) One (1) Vryhof Stevin MK 3 x 16.9 tons (spare)

### HELIDECK

<b>Design:</b>	CAO & CAP 437 Compliant for S61N, S92 or EH-1
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### ACCOMMODATION

<b>Total Beds:</b>	200 persons
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### ADDITIONAL DATA

<b>Sewage Treatment:</b>	Two (2) ORCA Model 11A-330 Type II sewage treatment plants
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