



ENSCO 114 (formerly Atwood Manta)

GENERAL INFORMATION

Flag:	Marshall Islands
Previous Name(s):	Atwood Manta
Year Built:	2012
Builder:	PPL Shipyard Pte Ltd, Singapore
Design:	Baker Marine Pacific Class 400 Independent Leg Jack-up
Classification:	ABS, @ A1 Self-Elevating Drilling Unit

MAIN DIMENSIONS

Length:	236.5 ft.
Breadth:	224.4 ft.
Depth:	27.8 ft.
Legs:	532 ft.
Leg Spacing:	Transverse: 155.1 ft (47.3 meters); longitudinal: 145.3 ft (44.3 meters)
Cantilever:	75 ft.
Spud Cans:	55.4 ft. diameter

DRAFT AND DISPLACEMENT

Transit Draft:	19.35 ft
Displacement:	43,894 kips

MACHINERY

Main Power:	5 x CAT 3516C HD; Kato 6P6-3300
Power	
Distribution:	Siemens PEC VFD System
Emergency Power:	1 x CAT 3508B

OPERATING PARAMETERS

Water Depth:	400 ft
Drilling Depth:	30,000 ft
Length Below Hull:	459.8 / 140.15M
Air Gap:	90 ft
Transit Speed:	3.0 knots
Survival Conditions:	45 ft (13.7 m) waves; 100 knots wind
Criteria Design:	45 ft (13.7 m) waves; 70 knots wind

DRILLING EQUIPMENT

Derrick:	LOADMASTER Offset derrick, 160' high with 35' x 35' base and a 16' by 14' top. Static Hook Load capacity 1,500,000 lbs on 14 lines.
Drawworks:	NOV ADS-10T
Rotary:	NOV D-495 (Hydraulic)
Top Drive:	NOV TDS-8SA
Traveling Block:	NOV 760TB-750
Handling:	Qty 2 - NOV ST100 with Forum OAC
Cementing:	
Mud Pumps:	3 x NOV 14-P-220 (7500 psi)
Drill Pipe:	5 1/2" DP x 15,000 ft, S135, Range 2, 21.9ppf, uGPDS55 Connection; 5 1/2" HWDP x 44 standard R2
Drill Collars:	8 1/4" x 24 spiral, 6 5/8 Reg; 7" x 30 spiral, NC50

HOISTING EQUIPMENT

Cranage:	3 x Baker Marine BMC-2250, 50T
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CAPACITIES

Variable Deck Load:	7,500 kips
Cantilever Load:	2,599 kips
Liquid Mud:	4,177 bbls
Bulk Tanks:	11,653 cu ft
Sacks:	5,000 sacks

Drill Water:	21,760 bbls
Potable Water:	3,520 bbls
Brine Storage:	1,290 bbls
Base Oil Capacity:	1,277 bbls
Fuel Oil:	4,114 bbls

WELL CONTROL SYSTEMS

BOP:	HYDRIL 18-3/4" with 1 x 10k Annular and 2 x 15k Dual Ram
BOP Handling:	JD NEUHAUS 2 x 75T
Control System:	CAD 60009380U2
Diverter:	VETCO GRAY KFDJ 500
Choke & Kill:	FORUM 15 Ksi

MOORING

Winches:	4 Mentrade Marine single drum mooring winches
Wire:	1 1/2" x 3,000 ft
Anchors:	6 MT anchors

HELIDECK

Design:	Designed for S61 and S92 Helicopter and fully compliant with CAP 437 regulations
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JACKING AND SKIDDING SYSTEM

Make / type:	Baker Marine BMPL J800 2P (BLM D series)
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ACCOMMODATION

Total Beds:	150 persons
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ADDITIONAL DATA

Watermaker:	2 x Alfa Laval D-PU-35-C100
Shale Shakers:	4 x NOV VSM 300