

ENSCOROWAN

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ENSCO 113 (formerly Atwood Mako)

GENERAL INFORMATION

Flag: Marshall Islands
Previous Name(s): Atwood Mako
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: 19.5 ft
Displacement: 43,846 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:
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 32 standard R2
Drill Collars: 8 1/4" x 24 spiral, 6 5/8 Reg; 7" x 30 spiral, NC50

HOISTING EQUIPMENT

Crane: 3 x Baker Marine BMC-2250, 50T

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/Masterflo 15K C&K Manifold

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

JACKING AND SKIDDING SYSTEM

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

ACCOMMODATION

Total Beds: 150 persons

ADDITIONAL DATA

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