

LEIV EIRIKSSON

HARSH-ENVIRONMENT SEMI-SUBMERSIBLE



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General Description

Design / Generation	Bingo 9000
Constructing Shipyard	Dalian / Friede Goldmann
Year Entered Service / Significant Upgrades	2001
Classification	DNV +1A1 Column Stabilised Drilling Unit Crane DYNPOS-AUTRO DRILL F-AM HELDK-SH POSMOOR-ATA UKVS WINTERIZED BASIC (-20)
Flag	Bahamas
Dimensions	391.68 ft. long
Drafts	77.9 ft. operating / 62.3 ft survival / 39.4 ft transit
Accommodation	120 North Sea, 140 persons max
Displacement	53,393 mt operating / 48,201 mt survival / 38,243 mt transit
Variable Deck	4,888 mt operating / 4,847 mt survival / 1,868 mt transit
Transit Speed	up to 6 knots self-propelled
Maximum Water Depth	7,500 ft. designed / 7,500 ft. outfitted
Maximum Drilling Depth	25,000 ft.

Drilling Equipment

Derrick	Hydralift 170ft x 40ft x 40ft; 1,500,000 lbs
Hookload Capacity	1,500,000 lbs.
Drawworks	ContinentalEmsco Electrohoist III; 3,000hp, gear driven, regenerated braking
Compensator	Hydralift, Crown mounted with active heave compensation. Static 680mt, compensating 363mt, 25ft stroke
Rotary Table	Varco / RST 605 60 1/2"
Top Drive	Hydralift HPS 750 2E AC
Tubular Handling	Hydralift vertical pipe handler, NOV HydraTong ARN-166 Iron Roughneck
Mud Pumps	3 x Continental Emsco FC2200, 2200hp, 7500psi
Solids Control	5 x VSM 300 shale shakers

Power & Machinery

Main Power	6 x Wartsila / Vasa 18 V 32 Low NoxE diesel engines, rated 7,500 kW each 6 x ABB HSG 900 XU8 generators, rated 7,300kW each
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Storage Capacities

Fuel Oil	29,120 bbl
Liquid Mud	3,790 bbl
Base Oil	2,550 bbl
Brine	4,280 bbl
Drill Water	12,360 bbl
Potable Water	6,980 bbl
Bulk Material	(mud + cement) 24,720 cu. ft.
Sack Storage	250 m ²

BOP & Subsea Equipment

BOP	Cameron 5 ram 18 3/4" BOP. 15,000psi
Wellhead Connector	Vetco Super HD H4
Annulars	2 x Cameron 10,000 psi
Marine Riser	Vetco MR10. With 4 1/2" ID K/C lines, 4" ID booster line and 2ea conduit lines
Tensioners	6 x dual (12ea) Hydralift, 200,000 lbs each total 2,400,000 lbs
Diverter	Vetco KFDS CSO 21 1/2" 500psi
BOP Control	Cameron Multiplex BOP control system
Moonpool	7 m x 11.5 m

Station Keeping / Propulsion System

Thrusters	6 x azimuth thrusters
DP System	DP Class 3 Kongsberg K-Pos
Mooring System	Anchor windlasses, 8 x Rolls Royce 84mm R5, 430t stalling force, Anchor chains, 8 x 2000m 84mm R5, Anchors, 8ea Stevpris Mk6 15mt

Cranes

Cranes	2 x Hydralift WOMCVC 3447 75mt lattice, Hydralift KMCVCT 1891 pipe-handling knuckle-boom crane, Hydralift riser gantry crane
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Other Information

Helideck	D= 22.8m, 14.6 mt load capacity
Other	Can be operated Dynamic Positioned DP Class 3 or Moored

BOUNDLESS

Revision Date: 05 December 2018



**SERVICE FOCUSED
DATA DRIVEN
PERFORMANCE ORIENTED**

These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Transocean standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

Patent Notice: This rig, its systems, components, and/or equipment in use on this rig, may be protected by one or more US and/or foreign patents.