

EIRIK RAUDE

HARSH-ENVIRONMENT SEMI-SUBMERSIBLE



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General Description

Design / Generation	Bingo 9000
Constructing Shipyard	Dalian / Friede Goldmann
Year Entered Service / Significant Upgrades	2002
Classification	DNV +1A1 Column Stabilised Drilling Unit (N) DRILL Crane DYNPOS-AUTRO F-AM HELDK-SH
Flag	Bahamas
Dimensions	391.7 ft. long
Drafts	77.9 ft. operating / 68.9 ft. survival / 39.4 ft. transit
Accommodation	120 North Sea, 140 persons max
Displacement	53,393 mt operating / 50,391 mt survival / 38,243 mt transit
Variable Deck	6,370 mt operating / 6,150 mt survival / 5,340 mt transit
Transit Speed	up to 6 knots self-propelled
Maximum Water Depth	9,842 ft. designed / 8,202 ft. outfitted
Maximum Drilling Depth	30,000 ft.

Drilling Equipment

Derrick	Hydralift 170ft x 40ft x 40ft; 907mt (2,000,000 lbs)
Hookload Capacity	2,000,000 lbs.
Drawworks	ContinentalEmsco Electrohoist IV; 4,000hp, gear driven, regenerated braking
Compensator	Hydralift, Crown mounted with active heave compensation. Static 907mt, compensating 454mt, 25ft stroke
Rotary Table	Varco / RST 605 60 1/2"
Top Drive	Hydralift HPS 1000 2E AC
Tubular Handling	Hydralift Hydraracker pipe handler, Hydralift / Bil Torque Hawkjaw 65K-2GJR Iron Roughneck
Mud Pumps	3 x ContinentalEmsco FC2200, 2200hp, 7500psi
Solids Control	5 x VSM 300 shale shakers

Power & Machinery

Main Power	6 x Wartsila 18V32 diesel engines, rated 7,600kW each, 6 x ABB ASG 900 XU8 generators, rated 7,300kW each
Emergency Power	1 x Cummins Wartsila 8 L 170 diesel engine rated 1,000 kW, driving 1 x Leroy-Somer / LSA 50 L8-4P 904 kW generator; two main generators are nominated emergency generators

Storage Capacities

Fuel Oil	29,120 bbl
Liquid Mud	3,790 bbl
Base Oil	2,510 bbl
Brine	4,280 bbl
Drill Water	12,360 bbl
Potable Water	3,950 bbl
Bulk Material	(mud + cement) 24,720 cu. ft.
Sack Storage	250 m ²

BOP & Subsea Equipment

BOP	Cameron 4 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	8 x dual (16EA) Hydralift, 200,000 lbs each, total 3,200,000 lbs
Diverter	Vetco KFDS 21 1/2" 500psi
BOP Control	Cameron Multiplex BOP Multiplex BOP Control System Mark I
Moonpool	7 x 11.5 m

Station Keeping / Propulsion System

Thrusters	6 x azimuth thrusters
DP System	DP Class 3 Kongsberg K-Pos

Cranes

Cranes	2 x Hydralift WOMCVC 75mt lattice, 1 x Hydralift KMCVCT 1891 pipe-handling knuckle-boom crane, 1 x Hydralift riser gantry crane
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Other Information

Helideck	D= 22.8m, load capacity 15mt
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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.