

# Atla

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## High Specification Jackup

### General Description

<b>Design / Generation</b>	Friede & Goldman JU 2000(modified)
<b>Constructing Shipyard</b>	PPL Shipyard PTE Ltd, Singapore
<b>Year Entered Service / Significant Upgrades</b>	2003
<b>Classification</b>	ABS
<b>Flag</b>	Vanuatu
<b>Overall Dimensions</b>	335ft long x 260.5ft wide x 31ft deep
<b>Legs</b>	3 x 548ft. long; Triangular
<b>Drafts</b>	Loadline 21ft
<b>Accommodation</b>	120 persons
<b>Displacement</b>	48,826.45kips (22147.53tons)
<b>Variable Deck</b>	12,084kips operating / 8110kips transit
<b>Transit Speed</b>	N/A
<b>Operating Water Depth</b>	400ft designed / 400ft outfitted
<b>Maximum Drilling Depth</b>	30,000ft

### Drilling Equipment

<b>Derrick</b>	Single National Oilwell / DRECO, 170ft. high, with 40ft long, 40ft. wide base.
<b>Hookload Capacity</b>	2,000,000lbs. gross nominal capacity (static 1,600,000lbs 14 lines).
<b>Cantilever</b>	15ft / 75ft reach aft, 15ft. port / 15ft. stbd.
<b>Drawworks</b>	National Oilwell1625-UDBE,3xGE-752 Hi Torque electric motors; 3,000hp,1,420,000lbs with 14 1-3/4" drilling lines.
<b>Rotary Table</b>	National Oilwell D-495 49-1/2" hydraulic, 800st with a maximum continuous torque rating of 33,190ft. lbs.
<b>Top Drive</b>	National Oilwell PS2 650/750, 680st capacity, with AC motor, rated to 47,870ft/lbs. continuous drilling torque in low gear.
<b>Tubular Handling</b>	Arm mounted Hawkjaw Iron roughneck.National-Oilwell derrick Star Racker system. Horizontal to Vertical Trolley system.
<b>Mud Pumps</b>	3 x National-Oilwell 2,200hp triplex pumps, each driven by 2 x GE 752 traction motors rated at 2,200hp each.
<b>HP Mud System</b>	Rated for 7,500 PSI.
<b>Solids Control</b>	5 x Swaco Mongoose Balanced Elliptical Shale Shakers.

### Power & Machinery

<b>Main Power</b>	6 x Caterpillar 3516B diesel engines rated at 1,383KW 1,383kW,1,200rpm, each driving 1,150kVA Caterpillar SR4 generators.
<b>Emergency Power</b>	1 x Caterpillar 3508 diesel engine rated 960kW at 1,800 rpm and driving 1 x Caterpillar SR4 480 volt generator.

### Storage Capacities

<b>Fuel Oil</b>	3,958 bbl
<b>Liquid Mud</b>	4,727 bbl
<b>Base Oil</b>	1,377 bbl
<b>Brine</b>	900 bbl
<b>Drill Water</b>	12,300 bbl
<b>Potable Water</b>	2,140 bbl
<b>Bulk Material</b>	(mud + cement) 17,920 cu.ft
<b>Sack Storage</b>	5,000 sacks

### BOP & Well Control Equipment

<b>BOP Rams</b>	Hydril 18 - 3/4" ,15,000psi pressure capability; 4-ram preventer; (2 x doubles).
<b>BOP Annulars</b>	Hydril 18 - 3/4" , 10,000psi pressure capability; 1 x Hydril GX 18-10M Annular BOP Assembly.
<b>BOP Handling</b>	Overhead MOS Bridge Crane 125st. 2 each 15st MOS Maintenance Cranes.2 each MOS BOP Hydraulic Skid Carts.
<b>Diverter</b>	49.5". 1000PSI ABB Vetco Gray KFDJ-1000 diverter with a 2 x 16". flow line and 16" overboard lines.

### Mooring Equipment

<b>Mooring Winches</b>	4 x Intercontinental SD 200, 75,000 lbs pull capacity.
<b>Anchor Lines</b>	4 x Brydon RRL 6 x 36 IWRC 2" galvanized 3,000ft.
<b>Anchors</b>	4 x Delta Flipper 7.5ton rated.

### Cranes

<b>Port &amp; Stbd. Cranes</b>	2 x 55.6st National Oilwell Kingpost 72 DNS Cranes.
<b>Stb. Fwrd. Crane</b>	1 x 55.6st National Oilwell Kingpost 60 DNS Cranes.
<b>Knuckle-Boom Crane</b>	1 x 55.6st Hydralift KMCVCT 1891 Knuckle Boom crane, dedicated to bucking unit (drill pipes up to 9 1/2" and casing up to 13 3/8").

### Special Features & Other Information

<b>Helideck</b>	Rated for Sikorsky S61N, Sikorsky S92 & Eurocopter EC-225 helicopters.
<b>Work Offline (WO)</b>	Ability to make up drilling stands and casing up to 13-3/8" offline.
<b>Tensioning System</b>	2 Systems providing primary vertical tension and lateral stability to the conductor string and secondary vertical tensioning to compensate for BOP stack loading.
<b>RPD System</b>	Automated system providing real time feedback to the Operator and Jacking System to allow safe and efficient management of jacking and positioning legs.
<b>Containment Sys</b>	Built for zero discharge and containment to meet all of today's environmental issues and concerns.



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 Borr Drilling standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

