

# Groa

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## High Specification Jackup

### General Description

**Design / Generation** ..... PPL Pacific Class 400  
**Constructing Shipyard** ..... PPL Shipyard PTE Ltd., Singapore  
**Year Entered Service / Significant Upgrades** ..... 2018  
**Classification**..... ABS-A1, Self-Elevating Drilling Unit  
**Flag** ..... Liberia  
**Overall Dimensions**.....236.5 ft.long x 224.4 ft.wide x 27.9 ft deep  
**Legs** ..... (3) 532 ft. long, Triangular  
**Drafts** ..... 19.50 ft at loadline  
**Accommodation** ..... 150 persons  
**Displacement**.....43,845 kips  
**Variable Deck**.....7,498 kips operating / 4,998 kips transit (spud cans full)  
**Transit Speed** ..... up to 4 knots, @ 150st bollard pull  
**Operating Water Depth** ..... 400 ft. designed / 400 ft. outfitted  
**Maximum Drilling Depth** ..... 30,000ft

### Drilling Equipment

**Derrick** NOV Derrick 160ft. high, with 35ft. x 35ft. base  
**Hookload Capacity** 1,500,000lbs gross nominal capacity  
**Cantilever/ Drill floor** 75 ft / 15 ft Port & Stbd  
**Drawworks** NOV ADS-10T driven by (3) Baylor electric motors. Rated to 750st with 14 lines of 1-5/8" drill line  
**Rotary Table** National Oilwell D-495 49-1/2" with a rated capacity of 1000st  
**Top Drive** NOV TDS-8SA Hoisting cap: 750 s-ton, AC motor: 1150 hp, intermittent torque: 100,000 ft-lbs, drilling torque: 65,500 ft-lbs, speed 270 rpm, (2) IBOP 3 1/6" - 15k  
**Tubular Handling** NOV HT 100 rotary rig tongs and (1) NOV ST120 Iron Roughneck. 3 1/2" to 10" tubulars  
**Mud Pumps** (3) NOV 14-P-220 triplex pumps (9 inch bore and 14-inch stroke), each driven by 1,229 hp (NOV Baylor AC motor) 7,500 psi rated  
**HP Mud System** Rated for 7,500psi  
**Solids Control** (4) NOV Brandt VSM 300 shaleshakers. Mud cleaner installed over one shale shaker.

### Power & Machinery

**Main Power** (5) Caterpillar 3516C diesel engines rated at 2,150hp at 1200rpm each with Kato generator rated to 2,150 KVA  
**Emergency Power** (1) Caterpillar 3508B DITA diesel engine rated at 966hp at 1,800rpm with Leroy Somer generator rated to 1020kv

### Storage Capacities

**Fuel Oil**..... 3,818 bbls  
**Liquid Mud**..... 4,170 bbls  
**Base Oil** ..... 1,270 bbls  
**Brine**..... 1,289 bbls  
**Drill Water** ..... 21,742 bbls  
**Potable Water** ..... 3,553 bbls  
**Bulk Material** ..... (mud + cement) 11,653 cu-ft  
**Sack Storage** ..... 5,000 sacks

### BOP & Well Control Equipment

**BOP Rams** (2) Cameron double rams 18-3/4" 15k psi BOP  
**BOP Annular** (1) Cameron 18-3/4" 10,000psi annular preventer  
**BOP Handling** (4) J D Neuhaus EH-75 BOP main hoists, rated 75mt each  
**Diverter** Vetco KFDJ 500, 49-1/2" diverter rated to 500psi with 16" flow line, (2) 12" overboard, (1) 6" deluge and (1) 3" fill line

### Mooring Equipment

**Mooring Winches** (4) Mentrade electric winches rated at 31mt capacity 100mt brake holding  
**Anchor Lines** 3000ft x 1-1/2" galvanized wire rope  
**Anchors** (4) Flipper Delta anchor

### Cranes

**Cranes** (3) Baker Marine cranes, 50mt capacity, 120ft boom

### Special Features & Other Information

**CTU** TSC 225mt Vertical Load and 25mt Lateral Load - hydraulic driven @ 4.66 m and 10.66 m from AFT transom  
**RPD System** Yes  
**Helideck** Rated for Sikorsky S-61 and S-92 helicopters. CAP 437  
**Offline Systems:**  
**Iron Roughneck** (1) NOV-ST100 Iron Roughneck. 3 1/2" to 9-3/4" tubulars  
**MPC** FORUM MPC (Multi-Purpose Crane) of 6,000 lbs SWL at all radii, crane boom end is adapted for mounting of a 280-kg man-basket  
**OA Crane** OAC (Offline Activity Crane) Forum 10mt derrick mounted for offline pipehandling



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.

