

# Galar

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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** .....2017  
**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 load line  
**Accommodation** .....150 persons  
**Displacement** .....43,834 kips  
**Variable Deck** .....7,498 kips operating / 4,998 kips transit (spud cans full)  
**Transit Speed**..... up to 5 knots, @ 150st bollard pull  
**Operating Water Depth**.....400 ft. designed / 400 ft.outfitted  
**Maximum Drilling Depth**..... 30,000ft

### Drilling Equipment

**Derrick** Loadmaster Derrick 160 ft. high, with 35 ft. x 35 ft. base  
**Hookload Capacity** 1,500,000lbs gross nominal capacity  
**Cantilever/ Drill floor** 75 ft aft of transom/ 15 ft Port & 15ft Stbd  
**Drawworks** Cameron Ultrahoist 750-3000(FA30) Max hook load 750st with 14 lines. 2 x GE AC motors suitable for 1-5/8" drill line  
**Rotary Table** Cameron 49-1/2" table opening, hydraulic drive, rated 750st  
**Top Drive** Cameron FD35, 750st static/dynamic load rating 1150hp AC motor GE. Max speed 274rpm, Max torque 66,000 ft.-lbs. Max MU/BO Torque 115,000ft-lbs, (2) IBOP 3 1/6" – 15k  
**Tubular Handling** Cameron JIM 10 T-P-L, 3-1/2" to 9-3/4" OD drill pipe & drill collar Make-up torque 103,300ft-lb Break-out torque 147,500ft-lb Spinning speed 0-80 rpm (with 5" OD)  
 Spinning torque 3,500ft-lbs  
**Mud Pumps** (3) Lewco W2214 triplex pumps, each driven by 1150hp (GEAC motor) 7,500 psi rated  
**Solids Control** (4) NOV Brandt VSM 300 shaleshakers. Mud cleaner installed over one shale shaker.

### Power & Machinery

**Main Power** (5) Caterpillar 3516C-HD diesel engines rated 2,150hp at 1200rpm each with Kato generator rated to 2,150 KVA  
**Emergency Power** (1) Caterpillar 3508B DITA diesel engine rated 1,298hp at 1,800rpm with Leroy Somer generator rated to 1020kv

### Storage Capacities

**Fuel Oil** .....4,205 bbls  
**Liquid Mud** .....4,175 bbls  
**Base Oil** .....1,273 bbls  
**Brine** .....1,292 bbls  
**Drill Water** .....21,748 bbls  
**Potable Water** .....3,543 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** (2) J D Neuhaus EH-75 BOP main hoists, rated 75mt each  
**Diverter** Vetco KFDJ 500, 49-1/2" diverter rated to 500psi with (1) 16" flow line, (2) 12" overboard, (1) 6" deluge and (1) 3" fill line

### Mooring Equipment

**Mooring Winches** (4) Mentrade electric winches rated at 31.75 st capacity 100 st brake holding  
**Anchor Lines** (4) 3000ft x 1-1/2" galvanized wire rope  
**Anchors** (4) WS Triangle HHP Anchor

### Cranes

**Cranes** (3) Baker Marine cranes BMC 2250E, 50st capacity, 119ft 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) Cameron JIM 10 T-P Iron Roughneck. 3-1/2" to 9-3/4" OD  
**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 pipe handling



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.

