

Gunnlod

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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 x 532 ft. long, Triangular
Drafts	19.50 ft at load line
Accommodation	150 persons
Load Line Displacement	43,846.11 kips
Variable Deck	7,947 kips operating / 5,000 kips transit
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 Sbd
Drawworks	Cameron Sense Ultrahoist 750-3000(FA30) Max hook load 750st with 14 lines. (2) GEB -22E 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 Psi
Tubular Handling	Cameron JiM 10 T-P-L, 3-1/2" to 9-3/4" OD drill pipe & drill collar Make-up and break-out torque 103,300ft.-lb. Spinning speed 80 rpm (with 5" OD) Spinning torque 3,500ft.-lbs.
Mud Pumps	3 x Lewco W2214 triplex pumps, each driven by 1,150 hp (GE AC motor) 7,500 psi rated
Solids Control	4 x NOV Brandt VSM 300 shale shakers. Mud cleaner installed over one shale shaker.

Power & Machinery

Main Power	5 x Caterpillar 3516C-HD diesel engines rated at 2,150hp at 1200rpm each with Kato generator rated to 2,150KVA
Emergency Power	1 x Caterpillar 3508B DITA diesel engine rated at 1,298hp at 1,800rpm with Leroy Somer generator rated to 1020KVA
Power Distribution	Siemens-Simatix VFD System.

Storage Capacities

Fuel Oil	4,175 bbls
Liquid Mud	4,171 bbls
Base Oil	1,274 bbls
Brine	1,292 bbls
Drill Water	21,748 bbls
Potable Water	3,557 bbls
Bulk Material	(mud + cement) 11,655 cu-ft
Sack Storage	5,000 sacks

BOP & Well Control Equipment

BOP Rams	2 x Cameron double rams 13-5/8" 10k psi BOP
BOP Annular	1 x NOV Shaffer 5,000psi annular preventer
BOP Handling	2 x J D Neuhaus EH-75 BOP main hoists, rated 75MT each
Diverter	Vetco KFDJ 500, 49-1/2" diverter rated to 500psi with 1 x 16" flow line, 2 x 12" overboard, 1 x 6" deluge and 1 x 3" fill line

Mooring Equipment

Mooring Winches	4 x Mentrade electric winches rated at 31.75MT capacity 118T brake holding
Anchor Lines	3,000ft x 1-1/2" galvanized wire rope
Anchors	4 x Flipper Delta anchors 6T

Cranes

Cranes	3 x Favello Favco cranes, 50MT capacity with 120ft boom
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Special Features & Other Information

CTU	TSC 225MT Vertical Load and 26MT 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 8 th Edition.
Offline Systems:	
Iron Roughneck	1 x 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
OAC Crane	Offline ActivityCrane (OAC) 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.

