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High Specification Jackup

General Description

Design / Generation	Keppel FELS Super B Bigfoot Class
Constructing Shipyard	Keppel FELS shipyard
Year Entered Service / Significant Upgrades	2013
Classification	ABS, A1 Self-elevating Drilling Unit
Flag	Vanuatu
Overall Dimensions	246ft. long x 226ft. wide x 25ft. deep
Legs	3 x 486ft. long, triangle
Drafts	18ft. load line draft (Max)
Accommodation	150 persons
Displacement	31,353kips operating
Variable Deck	9,200kips operating / 5,500kips transit
Operating Water Depth	350ft. designed / 350ft. outfitted
Maximum Drilling Depth	35,000ft

Drilling Equipment

Derrick	Single NOV 1500 Derrick; 170ft high with a 36ft. x 36ft base.
Hookload Capacity	1,500,000lbs. static hook load capacity.
Cantilever	75ft. reach, aft of transom 15ft. port / 15ft. stbd. of rig Centerline.
Drawworks	NOV SSGD 750, 3 x Baylor AC motors 1500hp each, using 1- 3/4" drilling line.
Rotary Table	NOV 49-1/2" RST-495-3G hydraulic rated at 1,000st.
Top Drive	NOV TDS-8SA 750 ton hoisting capacity, with a 1,150 hp AC motor rated to 62,500ft.-lbs continuous drilling torque Maximum speed of 270 rpm and an intermittent torque of 95,000ft.- lbs. Upgraded with NOV SoftSpeed II
Tubular Handling	1 x Hawkjaws Jr. (Online). Torque: 60,000ft/lbs. size range: 3-1/2" to 8" OD. 1 x Hawkjaws Snr. (Offline). Torque: 60,000ft/lbs. size range: 4" to 9-1/2" OD.
Mud Pumps	3 x NOV 14-P-220 2,200hp triplex pumps, each driven by 2 x Baylor AC traction motors.
HP Mud System	Rated for 7,500psi.
Solids Control	4 x Derrick shale shakers DualPOOL626

Power & Machinery

Main Power	5 x Caterpillar C175 diesel engines rated at 2,250 kW, each driving 1 x AC generator (each 2,250 kVA, 690V, 3-phase, 60Hz)
Emergency Power	1 x Caterpillar 3516B diesel engine rated 2,250 kW, driving 1 x AC generator (each 2,250 kVA, 690V, 3- phase, 60Hz)
Power Distribution	NOV/ABB VFD system

Storage Capacities

Fuel Oil	3,900 bbls.
Liquid Mud	4,200 bbls.
Base Oil	2,000 bbls.
Brine	2,100 bbls.
Drill Water	6,500 bbls.
Potable Water	2,000 bbls.
Bulk Material	(mud + cement) 16,000 cu.ft.
Sack Storage	4,140 sacks

BOP & Well Control Equipment

BOP Rams	2 x Cameron 13-5/8" 10,000psi Double "U" type preventers
BOP Annulars	1 x GX Hydril 13-5/8" 5,000psi annular preventer.
BOP Handling	4 x J.D. Neuhaus BOP handling hoists, each rated to 50MT.
Diverter	Cameron diverter 49-1/2" rated at 500psi with 14" flowline.

Mooring Equipment

Mooring Winches	4 x BROHL electric with a capacity of 2,500ft of 1-1/2" wire rope. 30st pull capacity, and 600Kn brake holding capacity (first layer).
Anchor Lines	4 x 1-1/2" IWRC 6 x 36 wire rope.
Anchors	4 x Delta Flipper anchors rated at 5st.

Cranes

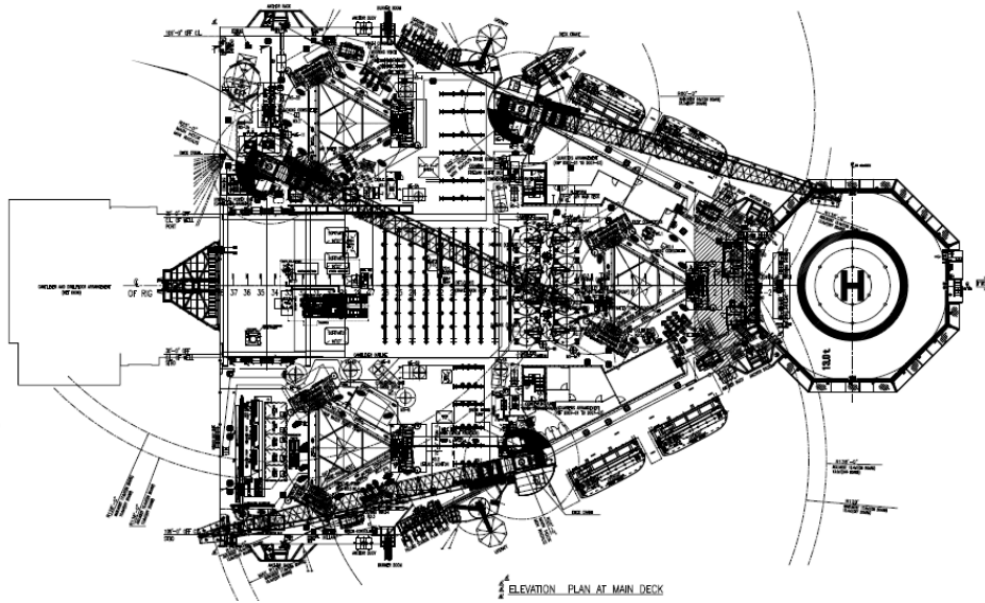
Cranes	3 x Seatrax 7220HD cranes rated at 50st at a radius of 50ft. with 130ft booms. Located port forward, port aft and starboard forward.
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Special Features & Other Information

Helideck	Rated for Sikorsky S-92 and MI-17 helicopters.
Work Offline (WO)	Ability to make-up drill pipe and casing stands offline.
WO Act. Crane	FORUM offline activity bridge crane rated for 22,000lbs. SWL for 3-1/2" to 13-3/8" tubulars.
Cellar Deck Crane	2 x FORUM Multi-Purpose Cranes rated 15,000lbs with 30ft boom.
Conductor Tens	30" system rated to 600kips vertical with hydraulic tensioning cylinders.
RPD System	Yes.
Jacking	6 x pinions per chord, 3 x chords per leg, 1,000kips per pinion, normal operation, allows for full preload jacking.
Field Transit	Capable of rig move with 660kips of setback in the derrick (460kips port and 200kips starboard). Capable of rig move (infield transit) with 2,000kips of mud.



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.



ELEVATION PLAN AT MAIN DECK

MAIN PARTICULARS:

VESSEL LENGTH	=	246 FT
VESSEL WIDTH	=	226 FT
VESSEL DEPTH AT SIDE	=	25 FT
COMPLEMENT	=	150 MEN
LEG LENGTH	=	486 FT

