

# Odin

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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, CDS  
**Flag** ..... Vanuatu  
**Overall Dimensions**..... 246ft. long x 226 ft. wide x 25 ft. deep  
**Legs** ..... 3 x 486 ft. long, triangle  
**Drafts** ..... 18 ft. load line Draft(Max)  
**Accommodation** ..... 150 persons  
**Displacement**..... 15,677 st operating  
**Variable Deck**..... 4,600 st operating / 2,750 st transit  
**Transit Speed** ..... erage 3.5 knots (min. 66 st bollard pull / towboat)  
**Operating Water Depth** ..... 350 ft. designed / 350 ft. outfitted  
**Maximum Drilling Depth** ..... 35,000 ft.

### Drilling Equipment

**Derrick** Single NOV 1500 derrick, 170 ft. high with 36 ft. x 36 ft. base  
**Hookload Capacity** 1,500,000 lbs. static hook load capacity.  
**Cantilever** 75 ft. reach, aft of transom 15 ft. port / 15 ft.stbd.of rig centerline  
**Drawworks** NOV SSGD 750, with 3 x Baylor AC motors rated to 1500 hp each and using 1-3/4" drilling lines.  
**Rotary Table** NOV 49-1/2" RST-3G hydraulic rated to 1,000st.  
**Top Drive** NOV-TDS 8SA, 750 ton capacity, with a 1,150 hp AC motor, rated to 62,500 ft.-lbs. continuous drilling torque in low gear.  
**Tubular Handling** 2 x Hawkjaws Jnr. Integrated make-up/break-out tool for drill pipe and associated tubulars. Torque rating 60,000 ft.-lbs. tool joint range from 3-1/2 inch to 8 inch OD.  
**Mud Pumps** 3 x NOV 14-P-220 triplex pumps, rated at 2,220 hp, each driven by 2 x Baylor AC traction motors.  
**HP Mud System** Rated for 7,500 psi.  
**Solids Control** 4 x Derrick shale shakers.

### Power & Machinery

**Main Power** 5 x Caterpillar C175 diesel engines, each driving 1 x 2,250 kVA 690V AC generators  
**Emergency Power** 1 x Caterpillar 3516B diesel engine, driving 1 x 2,250 kVA, 690V, 3 phase, 60Hz, AC generator.

### Storage Capacities

**Fuel Oil**..... 3,900 bbls..  
**Liquid Mud**..... 350 bbls. Active / 3,850 bbls. Reserve  
**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** ..... 2,580 sacks

### BOP & Well Control Equipment

**BOP Rams** 2 x Cameron 13-5/8 inch 10,000 psi Double "U" type preventers (1 x 4- ram stack)  
**BOP Annulars** 1 x Hydril GX 13-5/8 inch 5,000 psi annular preventer.  
**BOP Handling** 4 x J. D. Neuhaus BOP handling hoists, each rated to 50mt.  
**Diverter** Cameron 49-1/2 inch diverter rated to 500 psi with 1 x 14 inch flow line.

### Mooring Equipment

**Mooring Winches** 4 x Brohl electric winches, with a capacity for 2,500 ft of 1-1/2 inch wire rope, rated to 33.7 st pull capacity.  
**Anchor Lines** 4 x 1-1/2 inch IWRC 6 x36 galvanized wire rope.  
**Anchors** 4 x 5.5 st Flipper Delta anchors.

### Cranes

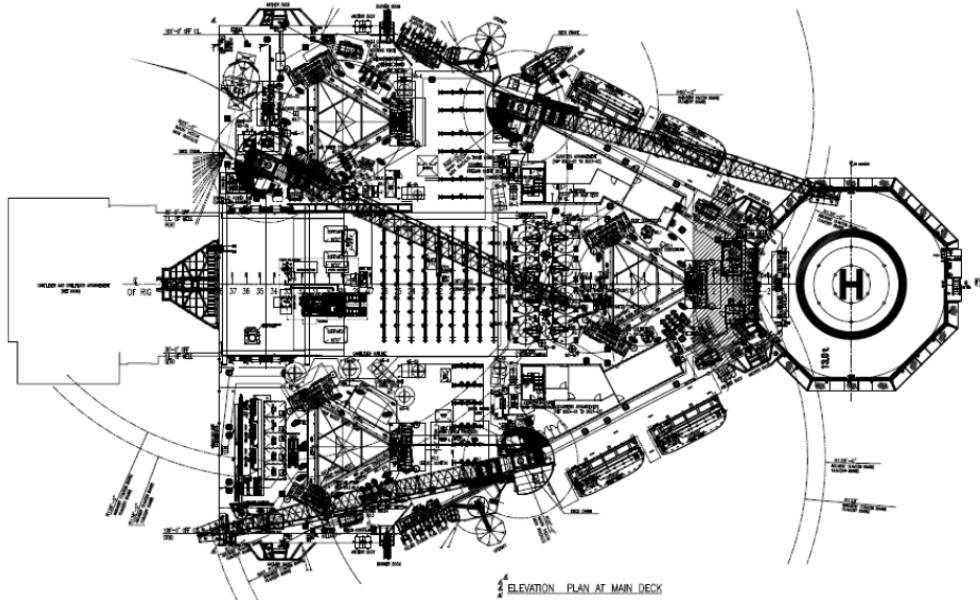
**Deck Cranes** 3 x Seatrax 7220HD cranes rated to 50 st at a 50 ft radius and with a 130 ft boom.

### 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 to 22,000 lbs for 3- 1/2 inch to 13-3/8 inch tubulars.  
**Conductor Tens** 30 inch system rated at 600 kips.  
**RPD System** Yes  
**Jacking** 6 pinions per chord, 3 chords per leg, 1,000 kips per pinion, normal operation, allows for full preload jacking  
**Field Transit** Capable of rig move with 660 kips of setback in the derrick (460 kips Port and 200 kips Starboard)  
 Capable of rig move (infield transit) with 2,000 kips 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.



**MAIN PARTICULARS:**

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

