

# JACK BATES

## DEEPWATER SEMI-SUBMERSIBLE



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### General Description

<b>Design / Generation</b> .....	Friede & Goldman L-1020 Trendsetter
<b>Constructing Shipyard</b> .....	Ishikawajima-Harima Heavy Ind., Japan
<b>Year Entered Service / Significant Upgrades</b> .....	1986 / 1997
<b>Classification</b> .....	ABS
<b>Flag</b> .....	Vanuatu
<b>Dimensions</b> .....	370 ft long x 255 ft wide x 140 ft deep
<b>Drafts</b> .....	80 ft operating / 29 ft transit
<b>Accommodation</b> .....	136 persons
<b>Displacement</b> .....	59,184.2 st operating / 34,248.5 st transit
<b>Variable Deck</b> .....	5,000 st operating / 5,000 st transit
<b>Transit Speed</b> .....	up to 8 knots
<b>Maximum Water Depth</b> .....	5,400 ft designed / 5,400 ft outfitted
<b>Maximum Drilling Depth</b> .....	30,000 ft

### Drilling Equipment

<b>Derrick</b>	Draco 185 ft. high, with 40 ft. x 40 ft. base.
<b>Hookload Capacity</b>	1,500,000 lbs. static hook load
<b>Drawworks</b>	Continental Emsco C3 Type II, 3 x GE 752 AR electric motors; 2,250 hp, 1,800,000 lbs. with 16 x 1-3/4 inch drilling lines.
<b>Compensator</b>	Western Gear, 25 ft. stroke, 600,000 lbs. compensation, and 1,600,000 lbs. locked.
<b>Rotary Table</b>	Oilwell 49-1/2 inch hydraulic, 800 st.
<b>Top Drive</b>	Varco TDS-4S, 750 st capacity, with 1 x GE 750 Shunt Hi Torque motor, rated to 45,500 ft.-lbs. continuous drilling torque in low gear.
<b>Tubular Handling</b>	Maritime Hydraulics pipe racking system. National Oilwell AR-32000 Iron roughneck
<b>Mud Pumps</b>	3 x National Oilwell HD 1700 PT 1,500 hp triplex pumps, each driven by 2 x GE 752 traction motors.
<b>HP Mud System</b>	Rated for 5,000 psi
<b>Solids Control</b>	4 x Rig-Tech Brandt VSM 300 shale shakers.

### Power & Machinery

<b>Main Power</b>	2 x Wartsila Model 12V-32D diesel engines rated at 6,000 hp, 720 rpm, each driving 1 x 5,625 kVA Stromberg generator. 2 x Wartsila Model 8R-32D diesel engines rated at 4,000 hp, 720 rpm, each driving 1 x 3,750 kVA Stromberg generator.
<b>Emergency Power</b>	1 x Wartsila 4R-32D diesel engine rated 1,500 kW, 720 rpm driving 1 x Stromberg generator.
<b>Power Distribution</b>	2 x Hammond (Nema 2), 600 volts and 60 Hz transformers and Ross Hill SCR system. 2 x Teledyne 24806, 480 volts and 60 Hz transformers and Terasaki ACB's and MCC's. 3 x Teledyne 24821, 120-208 volts and 60 Hz light and power transformers and Terasaki distribution boards.

### Storage Capacities

<b>Fuel Oil</b> .....	36,109 bbl
<b>Liquid Mud</b> .....	3,650 bbl active / 2,510 bbl reserve
<b>Base Oil</b> .....	2,650 bbl
<b>Brine</b> .....	2,650 bbl
<b>Drill Water</b> .....	21,000 bbl
<b>Potable Water</b> .....	2,650 bbl
<b>Bulk Material</b> .....	16,005 cu.ft bentonite/barite + 10,459 cu.ft cement
<b>Sack Storage</b> .....	10,000 sacks

### BOP & Subsea Equipment

<b>BOP Rams</b>	Cameron 18-3/4 inch, CIW type T 15,000 psi 4 x ram preventer; (4 x Single)
<b>BOP Annulars</b>	1 x CIW type D 18-3/4 inch, 10,000 psi annular preventer. CIW type D 18-3/4 in., 10,000 psi pressure capability; 1 x LMRP annular preventer
<b>BOP Handling</b>	Bardex Bridge crane with 2 x lift cylinders 220 lt. Auxiliary hoist 40 ft. BOP/LMRP trolley Bardex, 275 lt.
<b>Marine Riser</b>	Cameron XMRF 21 inch OD, 2,000 kips, SP-5055-01, 60' ft. long per joint
<b>Tensioners</b>	8 x Western Gear double riser tensioners, 50 st each; 12.5 maximum stroke
<b>Diverter</b>	21 inch 500 PSI Hydril Model FS21-500 diverter with 16 inch flow line
<b>Tree Handling</b>	Xmas tree trolley Bardex, 310 lt stationary and 275 lt driving.
<b>Moonpool</b>	38 ft. diameter

### Station Keeping / Propulsion System

<b>Thrusters</b>	N/A
<b>Mooring System</b>	8 x Skagit Electric drum winches with 700,000 lbs. static brake capacity, 8 x mooring lines consisting of 10,000 ft. of 3-3/4 inch wire line and 2,800 ft. of 3-9/16 inch stud link chain, with 8 x Bruce MK.4 (FFTS) 32,928 lbs. anchors

### Cranes

<b>Cranes #1 and #2</b>	82.7 st Liebherr 75-1200D pedestal cranes 120 ft. boom
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### Other Information

<b>Helideck</b>	Rated for Sikorsky S-61/S-92 helicopters 73 ft. diameter
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Revision Date: 24 June 2014

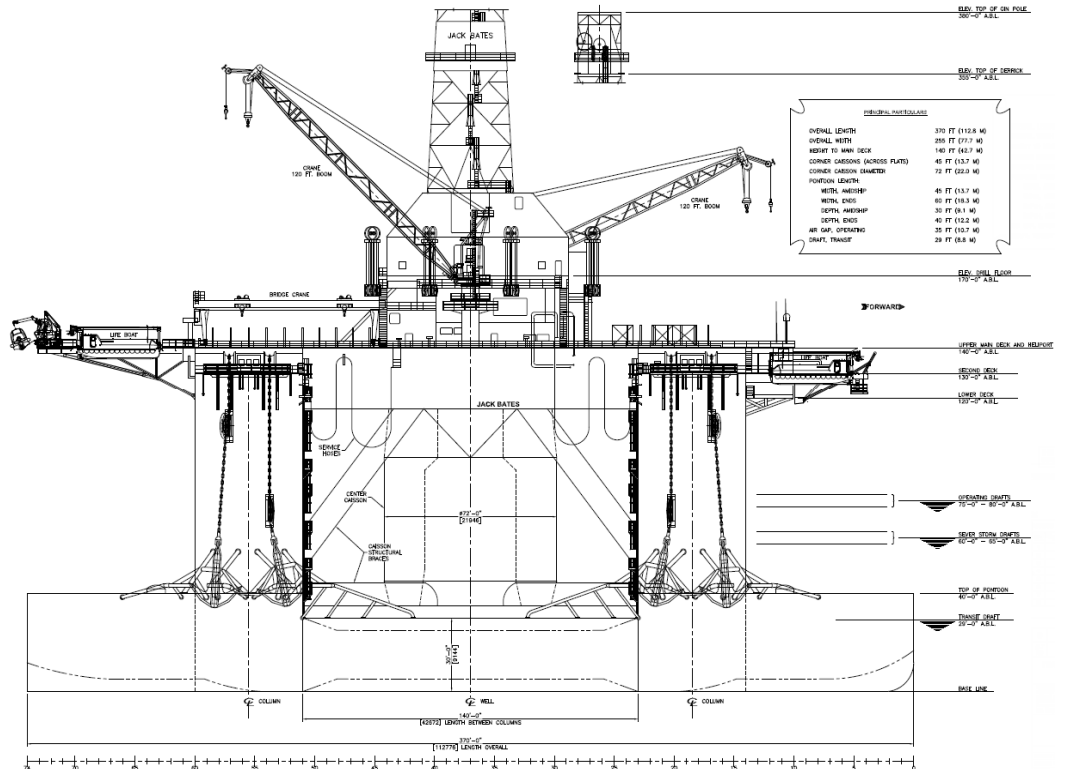
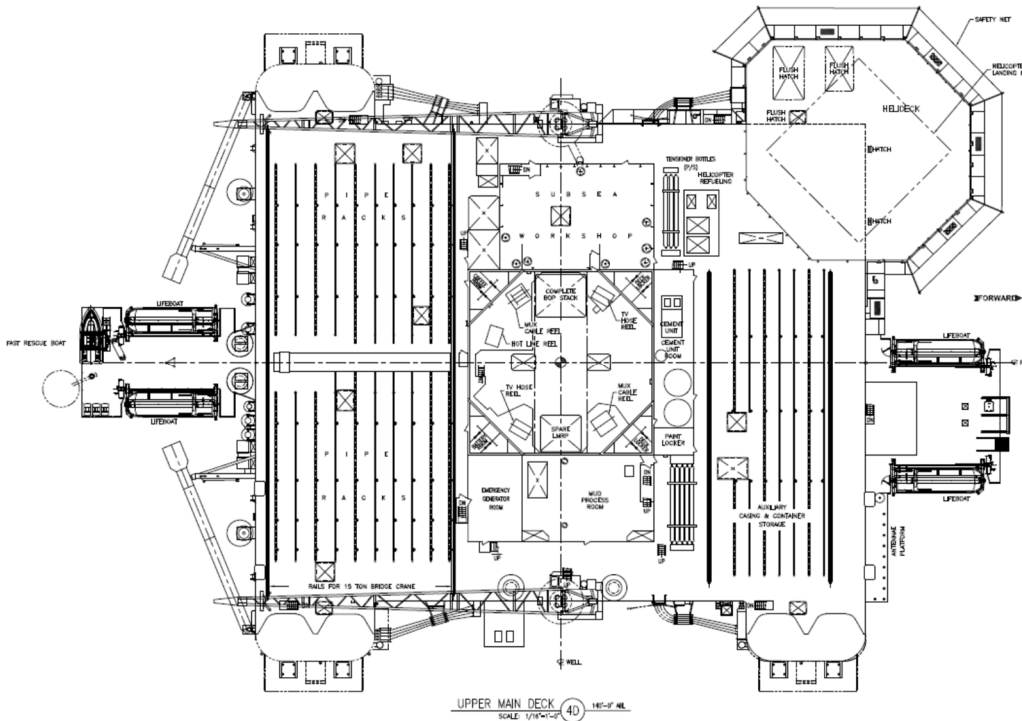


These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Transocean standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

Patent Notice: This rig, its systems, components, and/or equipment in use on this rig, may be protected by one or more US and/or foreign patents.

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# BOUNDLESS

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**SERVICE FOCUSED  
DATA DRIVEN  
PERFORMANCE ORIENTED**

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