

# Prospector 1

## Additional information please contact:

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## High Specification Jackup

### General Description

<b>Design / Generation</b> .....	Friede & Goldman JU2000E
<b>Constructing Shipyard</b> .....	Dalian Shipbuilding Industry Offshore Co., Ltd., China
<b>Year Entered Service / Significant Upgrades</b> .....	2013
<b>Classification</b> .....	ABS, A1, Self-Elevating Drilling Unit
<b>Flag</b> .....	Vanuatu
<b>Overall Dimensions</b> .....	231ft. Long x 250ft. Wide x 31 ft deep
<b>Legs</b> .....	(3) 547 ft. long, Triangular
<b>Drafts</b> .....	...21.9 ft at load line
<b>Accommodation</b> .....	140 persons
<b>Displacement</b> .....	50,693 kips
<b>Variable Deck</b> .....	8,300 kips operating / 6,614kips transit (spud cans full)
<b>Transit Speed</b> .....	up to 5 knots, @ 150st bollard pull
<b>Operating Water Depth</b> .....	400 ft. designed / 400 ft. outfitted
<b>Maximum Drilling Depth</b> .....	35,000ft

### Drilling Equipment

<b>Derrick</b>	TTS/ Hot dipped galvanized; 194 ft high with 40 ft x 40 ft base
<b>Hookload Capacity</b>	2,000,000 lbs gross nominal capacity
<b>Cantilever/ Drill floor</b>	75 ft aft of transom / 15 ft Port & 15ft Stbd
<b>Drawworks</b>	Cameron TTS Ultra hoist SG 1060-6000 Max hook load 2,120 kips with 16 lines. 4 x GE AC motors suitable for 2" drill line
<b>Rotary Table</b>	Cameron 49.5" table opening, hydraulic drive, rated 1,000 st
<b>Top Drive</b>	Cameron TTS Sense Model STD-1000-AC-2M, 1,100 st load rating, 2300 hp AC motor. Max speed 275 RPM, max torque 98,000 ft/lbs. Max MU/BO 115,000 ft/lbs. (2) IBOP 3 1/4" 15K psi. Electro project soft torque system.
<b>Tubular Handling</b>	(2) Cameron TTS/JiM 10T LR, 4-3/4" to 9-3/4" OD drill pipe & drill collar Make-up torque 103,300ft-lb Break-out torque 147,500ft-lb (Fully mechanized). Spinning speed 80 RPM, spinning torque 3500 ft/lbs.
<b>Mud Pumps</b>	(3) Wirth TPK 2200 triplex pumps, each driven by 2,200 hp (GE AC motor) 7,500 psi rated
<b>Solids Control</b>	(5) NOV/VSM-300 shale shakers. (1) MI Swaco/Gumbo X chain conveyor. Conveyor system for OBM cutting disposal

### Power & Machinery

<b>Main Power</b>	(6) Caterpillar 3516C-HD diesel engines rated at 1,525hp at 1200rpm each with Caterpillar generator rated to 1,534kW. SCR E-Pot system installed on all main engines reducing exhaust emissions by min 90% NOx, PM by 80%, HC up to 90% and CO by 90%.
<b>Emergency Power</b>	(1) Caterpillar C32 diesel engine rated at 1,200hp at 1,800rpm with Caterpillar generator rated to 900kW

### Storage Capacities

<b>Fuel Oil</b> .....	4,073 bbls
<b>Liquid Mud</b> .....	5,112 bbls
<b>Base Oil</b> .....	1,340 bbls
<b>Brine</b> .....	1,340 bbls
<b>Drill Water</b> .....	8,292 bbls
<b>Potable Water</b> .....	3,425 bbls
<b>Bulk Material</b> .....	(mud + cement) 18,360 cu-ft
<b>Sack Storage</b> .....	5,000 sacks

### BOP & Well Control Equipment

<b>BOP Rams</b>	(1) Cameron Double "U" ram 21-1/4" 5k psi BOP (1) Cameron Double "U" ram 20-3/4" 3k psi BOP (1) Cameron Double "U" ram 13-5/8" 10k psi BOP (1) Cameron Single "U" ram 13-5/8" 10k psi BOP
<b>BOP Annular</b>	(1) Shaffer Annular 21-1/4" 2k psi BOP (1) Hydril GK Annular 13-5/8" 5k psi BOP
<b>BOP Handling</b>	(2) TTS BOP main hoists, rated 75mt each
<b>Diverter</b>	Vetco Gray / KFDJ, 37" maximum bore diverter rated to 500psi with 16" flow line, (2) 14" overboard lines.

### Mooring Equipment

<b>Mooring Winches</b>	(4) MEP-Pellegrini electric winches rated at 88,000 lbs pull 122mt brake holding capacity first layer.
<b>Anchor Lines</b>	(4) 3000ft x 2" galvanized wire rope
<b>Anchors</b>	(4) Flipper Delta anchor, 16,535 lbs each

### Cranes

<b>Cranes</b>	(3) Liebherr cranes, 75mt capacity, 120ft boom
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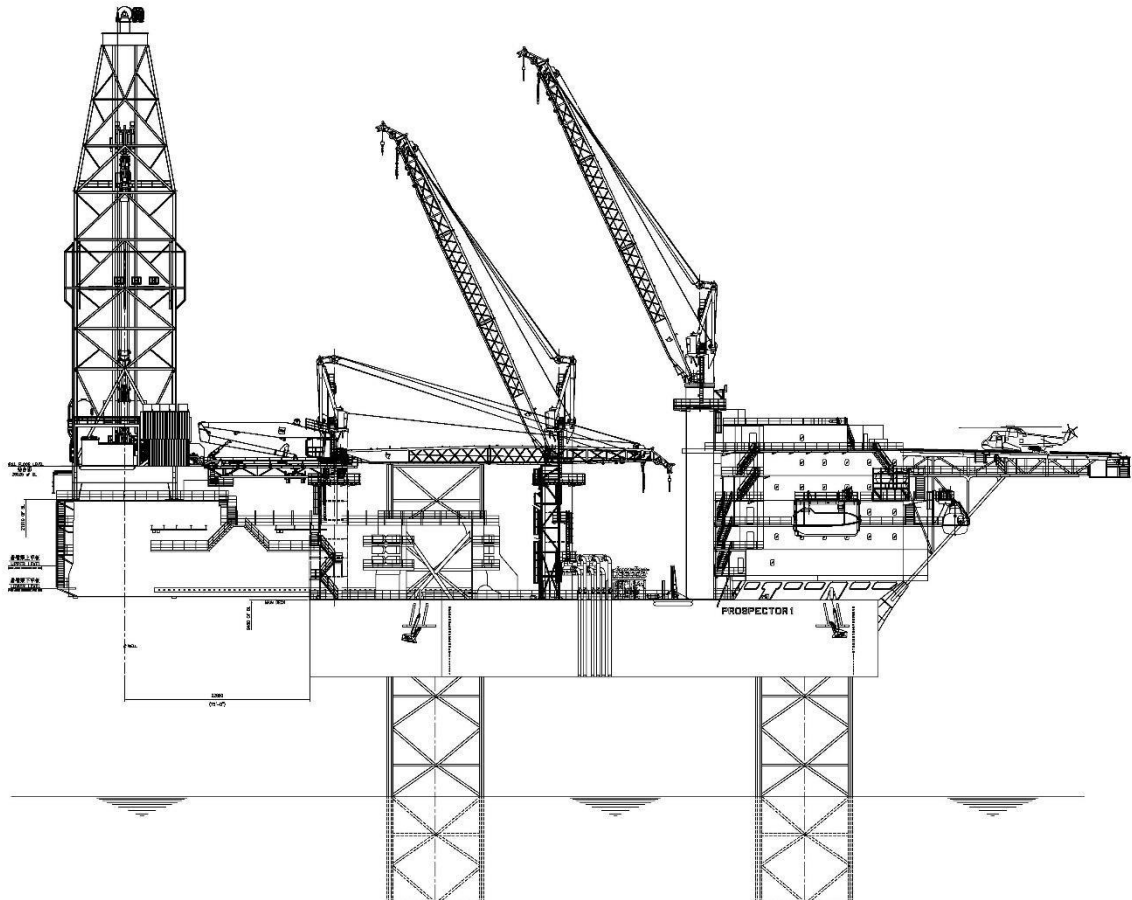
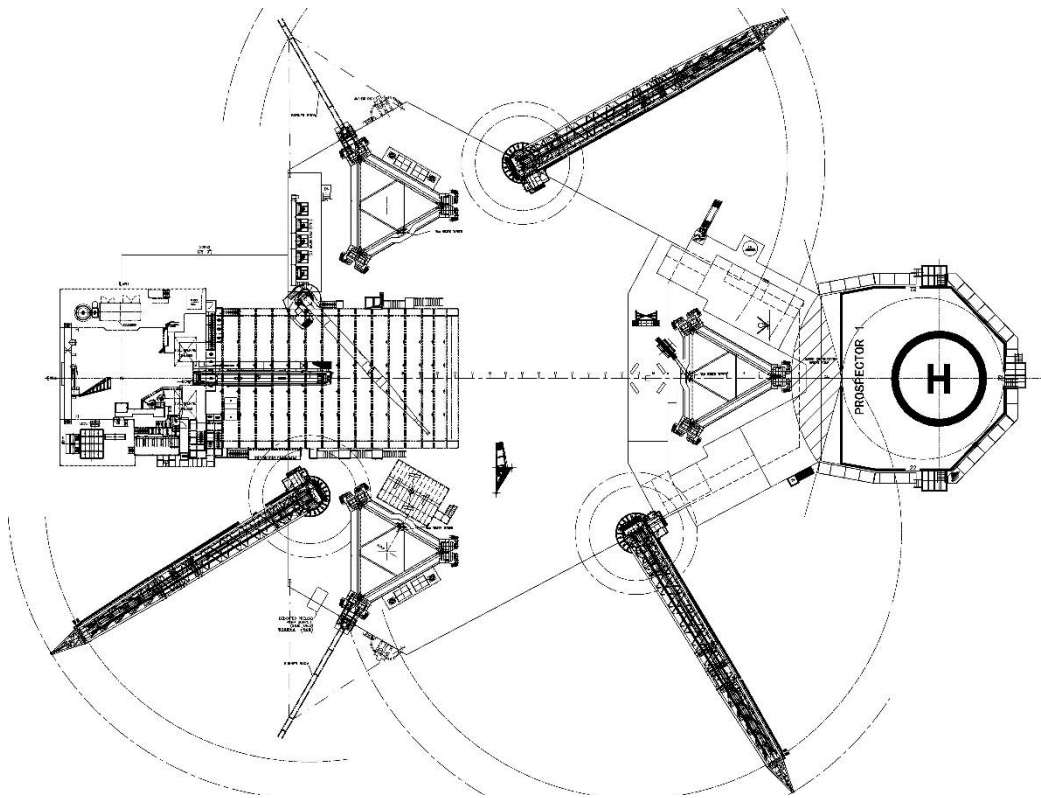
### Special Features & Other Information

<b>CTU</b>	TSC 600 kips Load (primary) and 300 kips Load (Secondary)
<b>MPD &amp; HPHT</b>	Equipped for MPD and HPHT operations
<b>Helideck</b>	Rated for Sikorsky S-61 and S-92 helicopters. CAP 437
<b>Wing Decks</b>	Port & Starboard side additional storage space.
<b>Offline Systems:</b>	
<b>Iron Roughneck</b>	(2) Cameron JiM10T LR Iron Roughneck. 4-3/4" to 9-3/4" OD
<b>Pipe Rack KBC</b>	(1) TTS 10st Knuckle Boom Crane (MPC) Hydraulically actuated.
<b>Pipe Handling</b>	(1) Cameron TTS Smart Racker with capacity of up to 33,300ft of 3-1/2" - 5-7/8" DP, 12 stands each of 8" DC or 9-1/2" DC.



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.

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