

Prospector 1

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High Specification Jackup

General Description

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

Drilling Equipment

Derrick TTS/ Hot dipped galvanized; 194 ft high with 40 ft x 40 ft base
Hookload Capacity 2,000,000 lbs gross nominal capacity
Cantilever/ Drill floor 75 ft aft of transom / 15 ft Port & 15ft Stbd
Drawworks 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
Rotary Table Cameron 49.5" table opening, hydraulic drive, rated 1,000 st
Top Drive 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.
Tubular Handling (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.
Mud Pumps (3) Wirth TPK 2200 triplex pumps, each driven by 2,200 hp (GE AC motor) 7,500 psi rated
Solids Control (5) NOV/VSM-300 shale shakers. (1) MI Swaco/Gumbo X chain conveyor. Conveyor system for OBM cutting disposal

Power & Machinery

Main Power (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%.
Emergency Power (1) Caterpillar C32 diesel engine rated at 1,200hp at 1,800rpm with Caterpillar generator rated to 900kW

Storage Capacities

Fuel Oil.....4,076 bbls
Liquid Mud5,112 bbls
Base Oil 1,340 bbls
Brine.....1,340 bbls
Drill Water.....8,290 bbls
Potable Water3,428 bbls
Bulk Material (mud + cement) 18,360 cu-ft
Sack Storage5,000 sacks

BOP & Well Control Equipment

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

Mooring Equipment

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

Cranes

Cranes (3) Liebherr cranes, 75mt capacity, 120ft boom

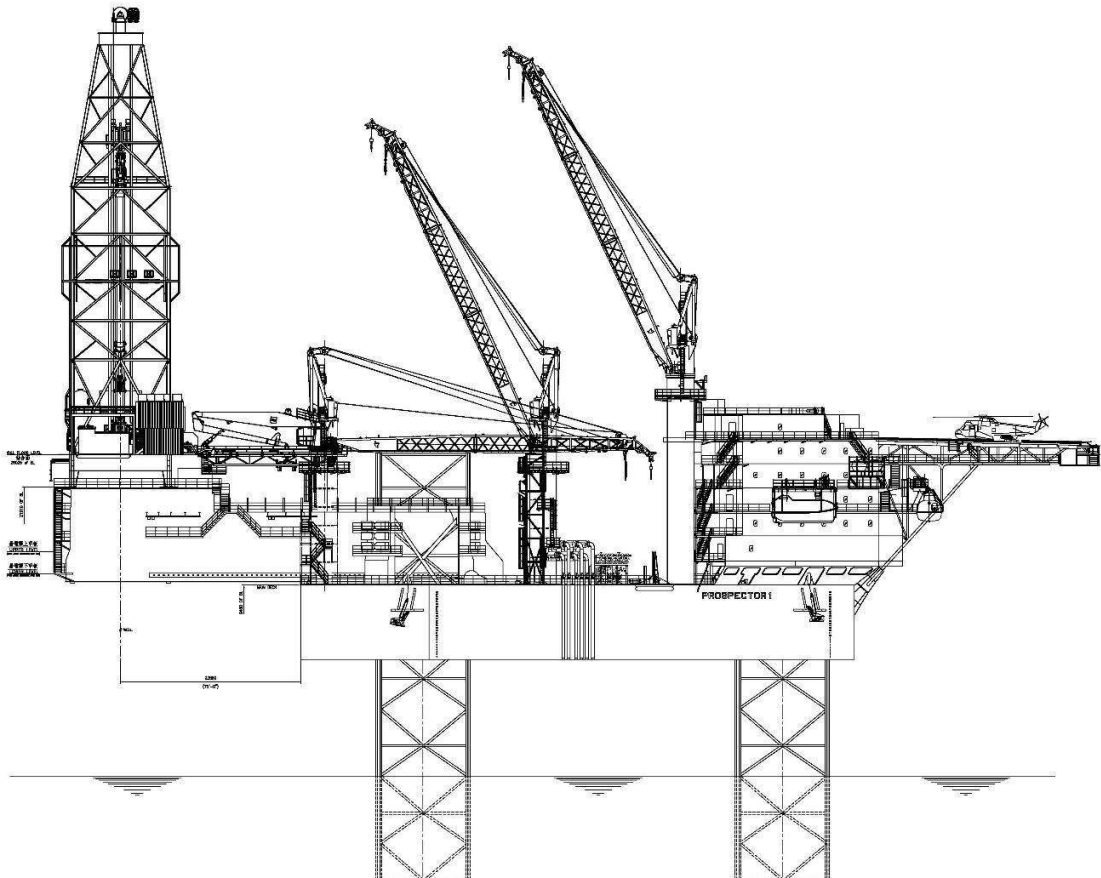
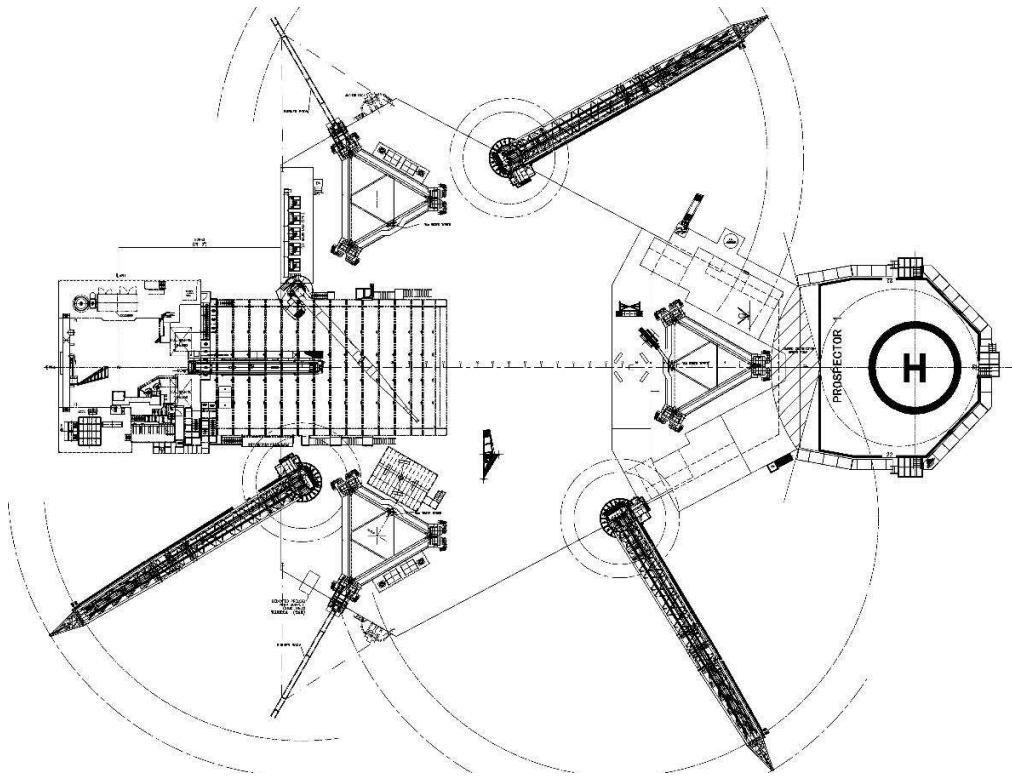
Special Features & Other Information

CTU TSC 600 kips Load (primary) and 300 kips Load (Secondary)
MPD & HPHT Equipped for MPD and HPHT operations
Helideck Rated for Sikorsky S-61 and S-92 helicopters. CAP 437
Wing Decks Port & Starboard side additional storage space.
Offline Systems:
Iron Roughneck (2) Cameron JiM10T LR Iron Roughneck.4-3/4" to 9-3/4" OD
Pipe Rack KBC (1) TTS 10st Knuckle Boom Crane (MPC) Hydraulically actuated.
Pipe Handling (1) Cameron TTS Smart Racker with capacity of up to 34,000ft 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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