

Prospector 5

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High Specification Jackup

General Description

Design / Generation	Friede & Goldman JU2000E
Constructing Shipyard	Shanghai Waigaoqiao Shipbuilding Ltd., Shanghai, China
Year Entered Service / Significant Upgrades	2014
Classification	ABS,A1, CDS, Self-Elevating Drilling Unit
Flag	Vanuatu
Overall Dimensions	324 ft.long x 255 ft.wide x 31 ft deep
Legs	(3) 547 ft. long, Triangular
Drafts	21 ft at loadline
Accommodation	140 persons
Displacement	50,693 kips
Variable Deck	9,920 kips operating / 6614 kips transit (spud cans full)
Transit Speed	up to 4 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 / 15 ft Port & Stbd
Drawworks	Cameron Ultrahoist 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 TTS 49.5" table opening, hydraulic drive, rated 1,000 st
Top Drive	Cameron TTS Model STD-1000-AC-2M
Tubular Handling	Cameron TTS/JiM 10T LR, 3-1/2" to 9-3/4" OD drill pipe & drill collar Make-up torque 103,300ft-lb Break-out torque 147,500ft-lb (Fully mechanised)
Mud Pumps	(3) Wirth TPK 2200 triplex pumps, each driven by 2,200hp (GE AC motor) 7,500 psi rated
Solids Control	(4) MI Swaco MD-3 Dual motion shale shakers (1) MI Swaco/Gumbo-X Chain conveyer

Power & Machinery

Main Power	(6) Caterpillar 3516C-HD diesel engines rated at 1,525hp at 1200rpm each with Caterpillar generator rated to 1,530kW
Emergency Power	(1) Cummins KTA38-DM diesel engine rated at 1,200hp at 1,800rpm with Zhenjiang ZFC6 502-44E generator rated to 900kW

Storage Capacities

Fuel Oil	4,150 bbls
Liquid Mud	5,135 bbls
Base Oil	1,340 bbls
Brine	1,340 bbls
Drill Water	9,963 bbls
Potable Water	3,428 bbls
Bulk Material	(mud + cement) 18,360 cu-ft
Sack Storage	5,000 sacks

BOP & Well Control Equipment

BOP Rams	(1) Cameron Double "U" rams 21-1/4" 5k psi BOP
BOP Rams	(2) Cameron Double "TL" rams 18-3/4" 15k psi BOP
BOP Annular	(1) Cameron DL 21-1/4" 5,000psi annular preventer
BOP Annular	(1) Cameron DL18-3/4" 10,000psi annular preventer
BOP Handling	(2) Cameron TTS BOP main hoists, rated 75mt each
Diverter	Vetco KFDJ 500, 49-1/2" 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 100mt brake holding
Anchor Lines	2900 ft x 2" galvanized wire rope
Anchors	(4) Flipper Delta anchor, 16,500 lbs each

Cranes

Cranes	(3) Seatrax, 82mt capacity, 120ft boom
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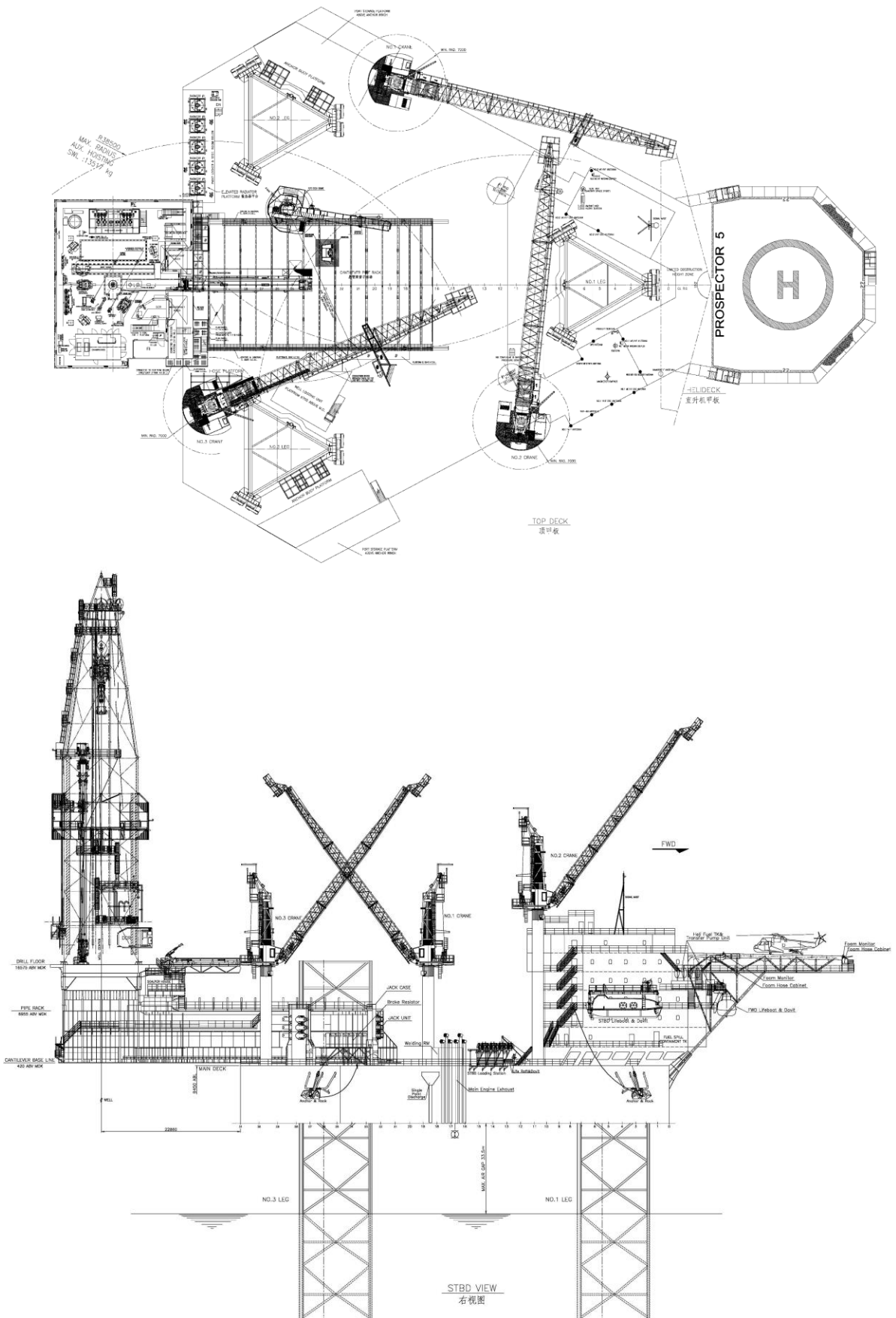
Special Features & Other Information

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
Offline Systems:	
Iron Roughneck	(1) Cameron JiM10T LR Iron Roughneck.3-1/2" to 9-3/4" OD
Pipe Rack KBC	(1) Cameron TTS Pipe Rack Knuckle Boom Crane of 5.5 st
Pipe Handling	(1) Cameron TTS SmartRacker 10 mt OAC (Offline Activity Crane) capable of offline pipehandling



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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