



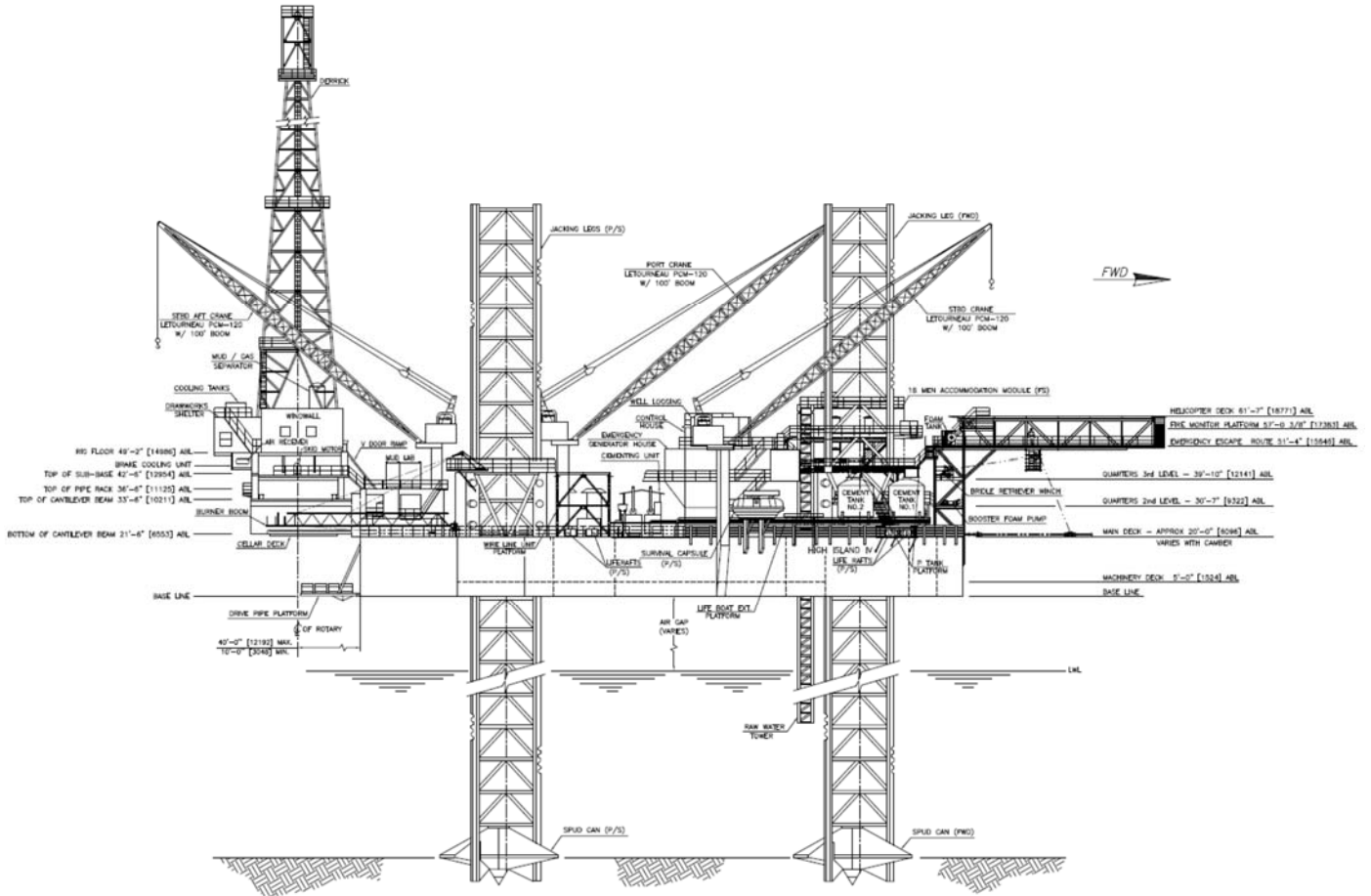
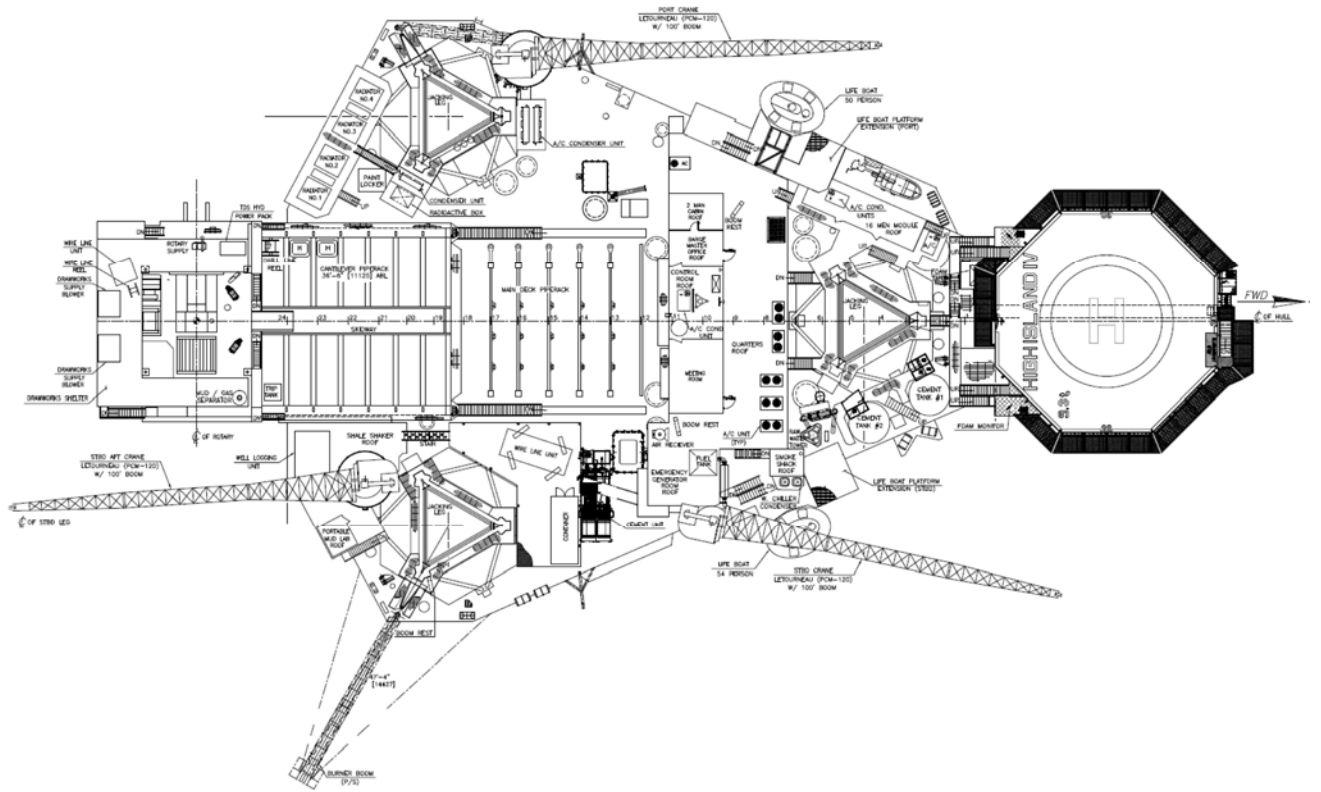
High Island IV 270 Foot Jack-Up

General Description		Storage Capacities	
Design	Marathon LeTourneau 82-SD-C	Liquid Mud	1,887 bbls. (including slug pits)
Year Built / Last Upgrade	1980 / 2011	Base Oil	410 bbls.
Hull Dimensions	207 ft. x 176 ft. x 20 ft.	Oil Based Mud	562 bbls.
Legs (3)	394 ft. long triangular	Drill Water	6,612 bbls.
Quarters Capacity	100 persons	Fuel	2,287 bbls.
Maximum Water Depth	270 ft.	Bulk Mud	5,100 cu. ft.
Cantilever Envelope	47 ft. by 20 ft. (with 7 ft. extension)	Bulk Cement	3,400 cu. ft.
Maximum Variable Load (drilling)	Approx. 5,400 kips*	Power Equipment	
<i>*depending on water depth and geographical location</i>		Main Power	Four (4) Caterpillar D-399TA diesel engines, 1,215 HP driving four (4) Kato 1,030 KW 600 volt AC generators
Drilling Equipment		Power Dist.	Four (4) Ross Hill SCR units, 1,600 amps each, 750 volt, powering seven (7) drilling motors
Derrick	Continental Emsco 160 ft. x 30 ft. x 30 ft. derrick, static hook load capacity 1,000,000 lbs. with twelve (12) lines	BOP Equipment	
Drawworks	National 1320 UE, 2,000 HP rated input power, driven by two (2) GE 752 series DC motors outfitted with Baylor 7838 auxiliary electric brake	Diverter	Shaffer 21-1/4 in. 2K annular with two (2) 7-1/16" 2K hydraulic gate valves & two (2) 12" discharge lines
Rotary Table	National C-375, 37-1/2 in. driven by an independent DC electric motor with two speed gear box	BOP Stack	13-5/8 in. 10,000 psi WP BOP stack consisting of one (1) Shaffer LXT double ram preventer, one (1) Shaffer LXT single ram preventer and one Shaffer 13-5/8 in. 5,000 psi WP annular preventer
Top Drive	NOV TDS 3H, 500 short tons, rated to 34,700 ft. lbs maximum continuous torque, outfitted with a Varco PH-85 pipehandler	BOP Handling	Four (4) Ingersoll Rand hoists and trolley system, rated to 60 short tons
Pipe Handling	Hawk Spin-master 950H for handling tubular OD ranging from 2-7/8 in. to 9-1/2 in.	Cranes	
Mud Pumps	Two (2) National 12-P-160 triplex pumps 1,600 hp, each driven by two (2) GE 752 DC motors, rated to 5,000 psi working pressure	Three (3) Marathon LeTourneau PCM-120AS hydraulic electric cranes, 100 ft. booms, rated for 50 short tons at 24 ft. radius	
Solids Control	Three (3) Brandt VSM 300 shale shakers; one (1) Brandt VSM 300 desander with 2 x 12" cones; one (1) Brandt Model 24/3 mud cleaner with 24 x 3" cones	Special Features	
		A seven (7) ft. cantilever extension is available to increase the cantilever maximum skid out distance to 47 ft.	

R-Jan-2017



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 Shelf Drilling policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.



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