



Trident 16

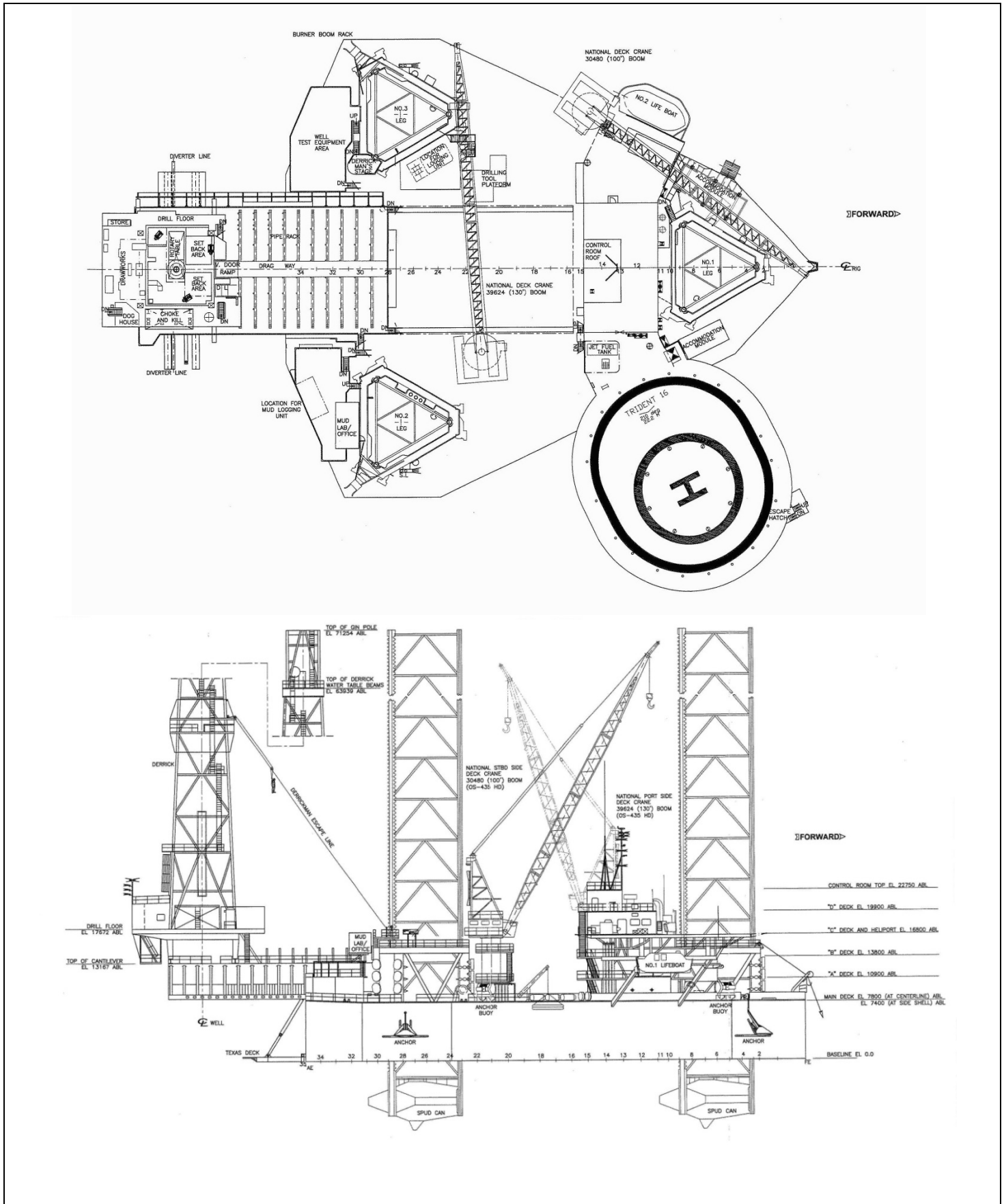
300 Foot Jack-Up Drilling Unit

General Description		Storage Capacities	
Design	Modec 300 C-38	Liquid Mud	2,165 bbls.
Year Built / Last Upgrade	1982 / 2012	Drill Water	5,366 bbls.
Hull Dimensions	220 ft. by 190 ft. by 25.6 ft.	Base Oil	1,100 bbls.
Legs (3)	405 ft. long triangular legs	Brine	1,000 bbls.
Quarters Capacity	140 persons	Fuel	1,651 bbls.
Maximum Water Depth	300 ft.	Bulk Mud	4,500 cu.ft.
Cantilever Envelope	45 ft. by 24 ft.	Bulk Cement	4,500 cu.ft.
Maximum Variable Load (drilling)	Approx. 4,400 kips*	Well Control Equipment	
<i>*depending on water depth and geographical location</i>		Diverter	Regan KFDJ 2000 49 1/2" max bore, rated 2,000 psi pressure rating with two (2) 14" overboard outlets
Drilling Equipment		21-1/4" BOP	Two (2) Cameron 21-1/4" 2,000 psi single ram preventers; one (1) Hydril MSP 21-1/4" 2,000 psi annular preventer.
Derrick	DSI derrick 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,000 kips with twelve (12) lines	13-5/8" BOP	One (1) Cameron Type U 13-5/8" 10,000 psi single ram preventer; one (1) Cameron Type U 13-5/8" 10,000 psi double ram preventer; one (1) Hydril GK 13-5/8" 5,000 psi annular preventer
Drawworks	Oilwell E-2000, 2,000 HP driven by two (2) GE 752 DC motors; outfitted with Baylor 7838 electric brake	BOP Handling	2 x 40 short ton hoists and trolley handling system
Rotary Table	Oilwell A-49-1/2; 800 short tons, 49-1/2" opening driven by a GE 752 DC motor	Cranes	
Top Drive	Varco TDS-4S, 650 short tons, 1,100 HP, rated to 45,500 ft.lbs maximum continuous drilling torque with Varco PH-85 pipe handler	One (1) National OS-215 crane with 100 ft. boom, rated to 52 short tons @ 20 ft. radius;	
Mud Pumps	Three (3) Oilwell A-1700 PT, 1,600 HP triplex pumps each driven by two (2) DC motors, 5,000 psi WP	One (1) National OS-435HD crane with 130 ft. boom, rated to 65 short tons @ 20 ft. radius	
Solids Control	Four (4) VSM 300 shale shakers; one (1) Derrick FLC 2000 mud cleaner	Mooring Equipment	
Power Equipment		Winches	Four (4) Skagit JUW-075 electric winches with 50 HP motors, 68 MT rated pull @ 2 nd layer
Main Power	Two (2) Caterpillar D-399TA diesel engines 1,215 HP driving two (2) GE 5ATI 1,200 KW AC generators; two (2) Caterpillar D-3516B diesel engines 1,855 HP driving two (2) KATO 1,500 KW AC generators	Anchor Lines	Four (4) 1 1/2" IWRC EIPS wire rope 2,500 ft nominal length
Power Dist.	Four (4) Hill Graham SCR 1,600 A 750 volts output, one (1) Alstom SCR 2,000 A 750 volts output	Anchors	Four (4) 4.48 MT Delta Flipper anchors

R-Sep-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 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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