



Trident XII

300 Foot Jack-up Drilling Unit

General Description

Design	BMC 300 IC
Year Built	1982
Hull Dimensions	212 ft. by 210 ft. by 26 ft.
Legs (3)	429.5 ft. long Triangular
Quarters Capacity	112 persons
Maximum Water Depth	300 ft.
Cantilever Envelope	45 ft. by 24 ft.
Maximum Variable Load (Drilling)	Approx. 4,100 kips*

**depending on water depth and geographical location*

Drilling Equipment

Derrick	Continental Emsco 28 RD, 160 ft. x 30 ft. x 30 ft., static hook load of 1,050 kips with 12 lines
Drawworks	Oilwell E2000 2,000 hp, driven by two GE 752 DC motors, 1-3/8 in. drilling line, with Elmagco 7838 auxiliary brake
Rotary Table	Oilwell 37.1/2 650 short tons, driven by GE 752 800 hp DC motor
Top Drive	Varco TDS-4S, 750 st 1,100 hp motor, rated to 45,500 ft.lb. maximum continuous torque, outfitted with Varco PH-85 pipe-handler
Tubular Handling	NOV ST80 Iron Roughneck for tubular OD size 4.1/2" to 8.1/2"
Mud Pumps	Two (2) Oilwell A-1700 PT, 5,000 psi triplex pumps, each driven by two (2) GE 752 800 hp DC motors
Solids Control	Three (3) Brandt VSM 300 shakers, 900 GPM total flowrate; one (1) Brandt desander with 2 x 12 in. cones; one (1) Brand desilter with 16 x 4 in. cones; one (1) Brandt VSM 300 mud cleaner

Storage Capacities

Liquid Mud	2,203 bbls (including slug pit)
Base Oil	976 bbls
Brine	976 bbls
Drill Water	5,269 bbls
Fuel	4,983 bbls
Bulk Mud	3,750 cu. ft.
Bulk Cement	3,750 cu. ft.

Power Equipment

Main Power	Five (5) Caterpillar D399 1,215 hp diesel engines driving five (5) GE ATI 1,200 kW 600 volts AC generators
Power Dist.	Four (4) General Electric Generation III SCR system, 750 volts 1,850 kW

Well Control Equipment

Diverter	Hydril MSP 500, 500 psi, 29.1/2 in. maximum bore with 2 x 12 in. overboard outlets
21-1/4 in. BOP	One (1) Hydril MSP Annular Preventer 2,000 psi; one (1) Cameron Type U double ram preventer 2,000 psi
13-5/8 in. BOP	One (1) NL Shaffer Annular Preventer 5,000 psi; one (1) T3 U Single Ram Preventer 10,000 psi; one (1) Cameron Type U Double Ram Preventer 10,000 psi

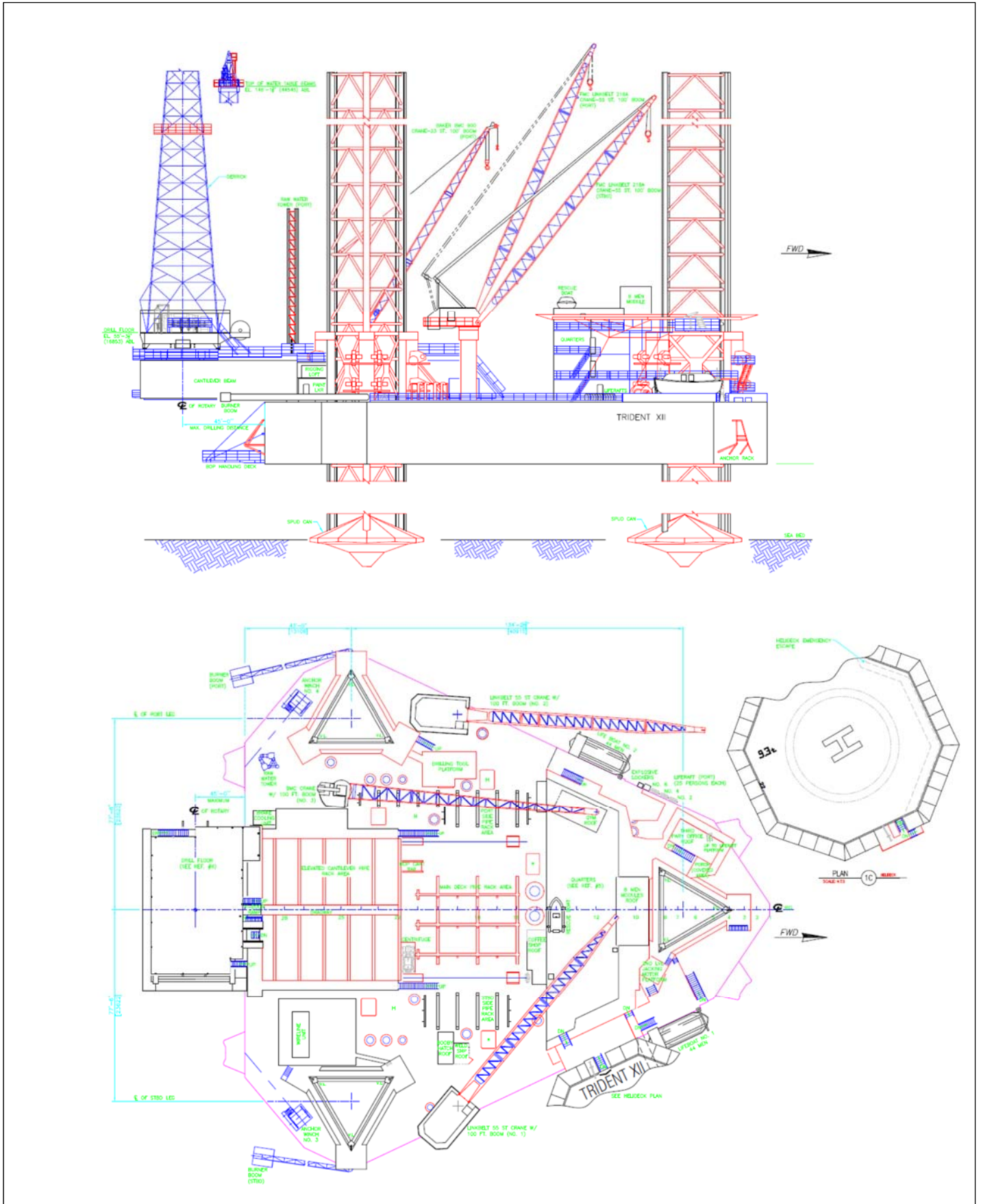
Cranes

Two (2) FMC ABS-218A pedestal cranes with 100 ft. boom rated to 43.2 short tons at 25 ft. radius; one (1) BMC 900 pedestal crane with 100 ft. boom rated to 24.5 short tons at 20 ft. radius.

R-Apr-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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