



Parameswara 300 Foot Jack-up Drilling Unit

General Description	
Design	Baker Marine BMC 300 IC
Year Built / Last Upgrade	1983 / 2001
Hull Dimensions	212 ft. x 210 ft. x 26 ft.
Legs (3)	423 ft. long triangular
Quarters Capacity	120 persons
Maximum Water Depth	300 ft.
Cantilever Envelope	45 ft. by 24 ft.
Maximum Variable Load (drilling)	Approx. 8,100 kips*
<i>*depending on water depth and geographical location</i>	

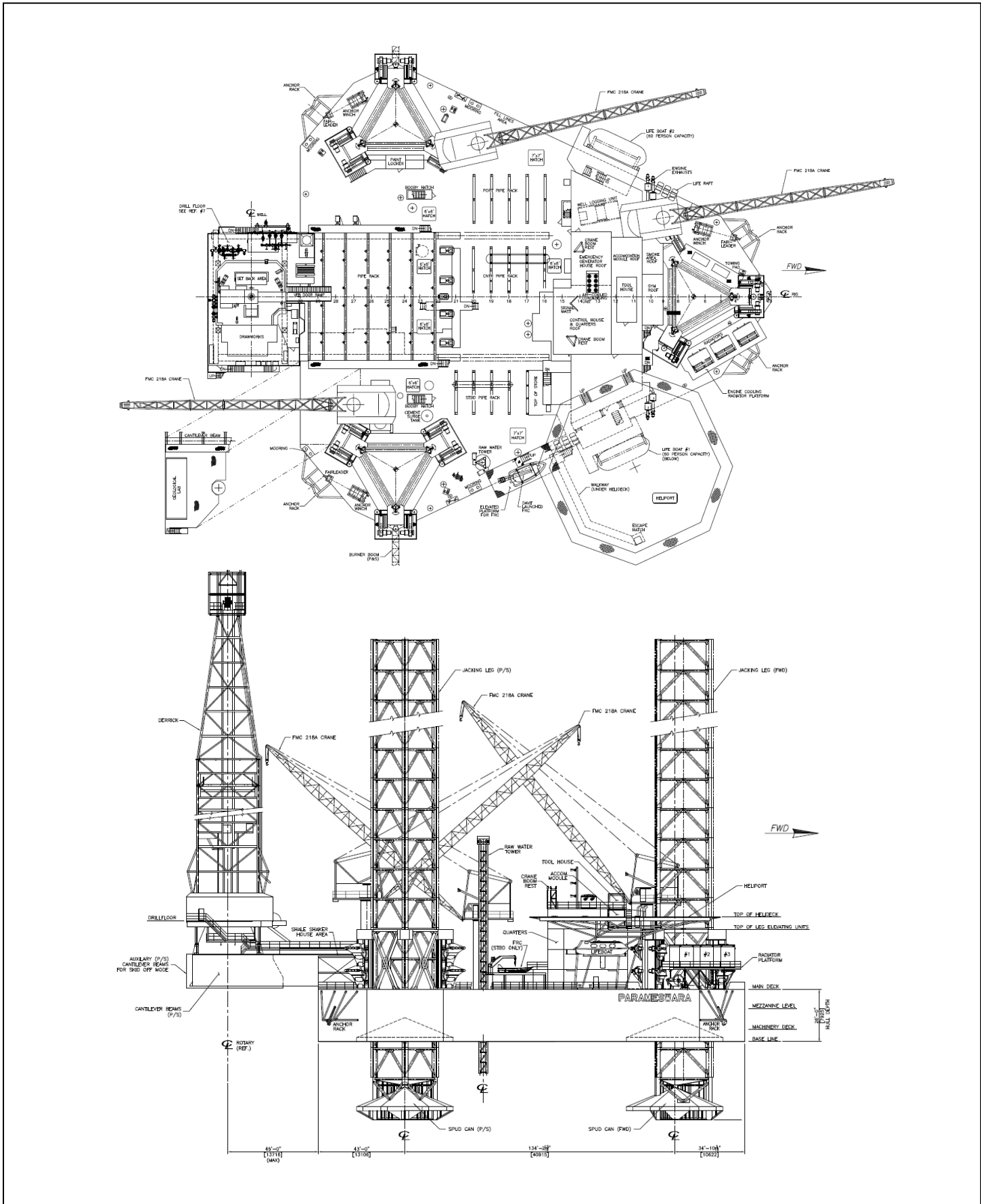
Drilling Equipment	
Derrick	MH Pyramid bottleneck 170 ft. x 30 ft. x 30 ft., static hook load capacity 1,300,000 lbs. with twelve lines (1-1/2 in. drilling line)
Drawworks	Ideco E-2100E 2,000 HP, driven by two (2) 1,000 HP GE 752 DC motors, complete with Elmagco 7040 electric brake
Rotary Table	Ideco LR-375-E with independent drive using a GE 752 DC motor with 2-speed transmission
Top Drive	National PS2-650/750 Power Swivel with 750 ST hoisting and 650 short tons drilling capacities, max. continuous torque 49,000 ft.lbs in low gear
Pipe Handling	Hawk-jaw M100K-2GSR for tubular OD 4" to 9-1/2"; Spin Master 90HYD spinning wrench
Mud Pumps	Three (3) National 12-P-160 triplex pumps 1,600 HP, each driven by two (2) 1,000 HP GE 752 DC motors, rated to 7,500 psi with HP liners
Solids Control	Two (2) Brandt 2/48-10F-4TA dual tandem scalping shakers; four (4) Derrick FLC 504 shale shakers; one (1) Crestex 4104 Desander with 3 x 10" cones; one (1) Derrick mud cleaner with 16 x 4" cones mounted on one of the shakers.

Storage Capacities	
Liquid Mud	2,115 bbls
Drill Water	5,428 bbls.
Fuel	3,849 bbls.
Base Oil	1,740 bbls.
Brine	1,509 bbls.
Bulk Mud	4,575 cu. ft.
Bulk Cement	4,575 cu. ft.

Power Equipment	
Main Power	Four (4) Caterpillar 3516 diesel engines 1,615 HP each, driving four (4) Caterpillar SR4 1,140 kW AC generators
Power Dist.	Five (5) Ross Hill SCR units, each rated at 1,500 amps, powering eight (8) GE 752 DC motors

Well Control Equipment	
Diverter	Hydril MSP 29-1/2" annular preventer 500 psi WP with two (2) 16" discharge lines and two (2) 16" hydraulically operated ball valves
BOP Stack	One (1) Hydril GXS 13-5/8" 5,000 psi annular preventer; one (1) Cameron Type U 13-5/8" 10,000 psi double ram preventer and one (1) Cameron Type U 13-5/8" 10,000 psi single ram preventer
BOP Handling	Four (4) x 37.5 MT Ingersoll Rand hoist system

Cranes	
Three (3) FMC Linkbelt ABS 218A cranes with 100 ft. booms, rated for 43 short tons at 25 ft. radius	



Parameswara

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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.