

Technical Specifications



Name	FODE A8
Flag	Liberia
Manager	FODE/OTMS
Year Built	Complete Rebuild 1Q 2009
Builder	Rebuilt QGM Yard, Hamriyah , UAE Completed MIS Marine Repair Yard, Port Khalid, Sharjah, UAE.
Design	BMC 200-IC, Cantilever Jack-Up (modified to increased capacity)
Classification	ABS A1 SEDU

Main Dimensions

Length	205.51ft
Breadth	218.13ft
Depth	18ft
Legs	3 x 355.25ft
Longitudinal Leg Spacing	120ft
Transverse Leg Spacing	110ft
Spudcan Area	3 x 116 sq mtr

Operating Parameters

Water Depth	250 ft
Maximum Drilling Depth	30,000 ft
Cantilever Reach	45 ft

Survival Conditions

Water Depth	235 ft
Wave height & period	Sig: 35ft @ 11.8 seconds
Wind Speed	70 knts

Capacities

Variable Deck Load	Drilling/Operating: 4500 kips (2045te) Storm Holding: 3500kips (1587te)
Tubulars in Pipe Rack	30,000 ft of 5 1/2 in DP and 10 stands of DC
Liquid Mud	1,684 bbls
Sacks	1,500 sacks
Potable Water	2,944 bbls
Bulk Mud/Cement	10,000 cu ft
Drillwater	7,896 bbls
Fuel Oil	4,047 bbls

Power Equipment

Main Power	4 x Caterpillar 3516B, 1,600 kw @ 1,800 rpm, driving 4 x 600 vac, 60 Hz, 3 ph Generators
Emergency Power	1 x Caterpillar 3508B, 1700 kw 480v/3p. 60Hz

Drilling Equipment

Derrick	Loadmaster 160 ft x 30 x 30 ft : 1,600,000 Max hook load
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Drawworks	Varco, ADS 10T, 3,750 hp,
Rotary	Varco 49.5", Rotary Support Table, 1,000 ton
Top Drive	Varco TDS 8A, 62,250 ft/lbs at 94 rpm
Travelling Arrangement	Travelling Block: Varco, 750 ton,
Mud Pumps	2 x Hex 240, 2540 hp, 7,500 psi, 1,034 gpm

BOP Systems

BOP	1 x 13-5/8" 10,000 psi working pressure Double Ram Preventer 1 x 13-5/8" 10,000 psi working pressure Single Ram Preventer 1 (Each) x 13-5/8" 10,000 psi WP Drilling Spool 2 (Each) x 4 1/16" 10,000 psi WP side outlets
BOP Handling	2 x 25te Electrical BOP Trolleys
Control System	CAD Control Systems - BOP & Diverter
Diverter	Vetco Gray, KFDJ, Fixed, 2000 psi, 12" hydraulically operated overboard valves
TV System	Integrated Colour TV system, Drillers Cameras 2 x Derrick, 1x Shakers, 1 x Substructure on Bops. Marine Cameras One on each leg for marine.
Choke and Kill	2 x 3" 10K kill lines and 2 x 4" 10K choke lines. 4 1/16", 10,000 / 5,000-psi WP choke and kill manifold with two hydraulic chokes, two manual chokes.
Mooring Winches	4 x EMCE Mooring Winches
Cranes	1 x AmClyde, Model 1000, 120' Boom, 35 MT 1 x AmClyde, Model 1000 XHD, 120' Boom 35 MT
Helideck	60ft x 60ft (18.3m x 18.3m): S61N
Jacking and Skidding System	Modified Baker Marine rack and pinion jacking system, electrical drive system
Accommodation	105 berths 3 Berth Hospital