

SAR 201

Design: BMC-200-IC Class Jack-Up
 Built: Promet, Singapore
 Year Built / Last Upgrade: 1982 / 2017



Premium Jackup

General Description

Classification	ABS, A1 Self-elevating Drilling Unit.
Flag	Saudi Arabia.
Overall Dimensions (Hull)	174 ft. long x 162.5 ft. wide x 18 ft. deep.
Legs	3 x 300 ft. long, triangle.
Longitudinal Leg Centers	120 ft.
Transverse Leg Centers	110 ft.
Drafts	12 ft. load line draft.
Accommodation	106 persons.
Displacement	14,036.00 kips operating.
Variable Deck Load	2,578 kips operating / 2,640 kips transit.
Transit Speed	average 3 knots (min.300 kips combined bollard pull).
Operating Water Depth	200 ft.
Maximum Drilling Depth	20,000 ft.

Drilling Equipment

Derrick	Pyramid 30 ft. x 30 ft. Base. 160 ft.
Hookload Capacity	1,000,000 lbs. on 12 Lines static hook load capacity.
Top Drive	NOV PS 500, 1135 hp.
Cantilever / Drill Floor	40 ft aft of Transom / 10 ft transverse to port or starboard.
Travelling Block	BENTEC 500-ton, Model No: TB-500-6-52
Crown Block	NOV 500 ton.
Drawworks	Continental Emsco C2, (2) GE752 2,000 hp AC Motors with 1.375-inch Drill Line.
Auxiliary Brake	EL MAGO Model: 7040
Rotary Table	Emsco T -3750, 37-1/2-inch, Capacity 500 Ton.
Cementing Eqpt.	Halliburton cementing unit. Pressure rating 5K
Torque Wrench	Varco TW61

Mud System

Mud Pumps	(2) Continental Emsco FB1600 Triplex.
HP Mud System	Rated for 5,500 psi.
Mud Pits	1,900 bbls total, (4) mud pits + (1) slugging tank.
Desanders & Desilters	Derrick FLC 513/514 10" X 3" Cones Cap 500 gpm Derrick FLC 513 (20) 4" Cones @ 80 gpm.
Degasser	(1) M-I SWACO CD-1400, 500gpm.
Shale Shakers	(3) Derrick FLC 513,

Storage Capacities

Fuel Oil	2,631 bbls.
Liquid Mud	1,536 bbls (Incl. slug pit).
Drill Water	5,265 bbls (incl. combo tanks).
Potable Water	1,230 bbls.
Bulk Material	(Barite/Bentonite + cement) 8,100 cu.ft.
Maximum Variable load	2,500,000 lbs.
Sack Storage	1,713 sq ft.
Pipe Storage (Main)	1,272 sq. ft x 7 ft. high.
Pipe Storage (Cantilever)	2,100 sq. ft x 7 ft. high.

BOP & Well Control

BOP	(1) 13-5/8" 5K (1 single + 1 Double) 13-5/8" 5K Shaffer
BOP Handling	(2) Ingersoll-Rand hercu-link BHS50MA6-40-40P, 25 t.
Diverter	N/A
Control Unit	3K psi CAD unit (40) 11 gal bottles.
Choke Manifold	3-1/8" 5K Upstream X Downstream

Power & Machinery

Main Power	(4) Caterpillar 3152B diesel engines rated at 1,200 hp. (4) Kato Generator rated at 1050 kW.
Emergency Power	(1) Caterpillar 3512B diesel engines rated at 1,102 hp. (1) Kato Generator rated at 1,050 kW.

Cranes

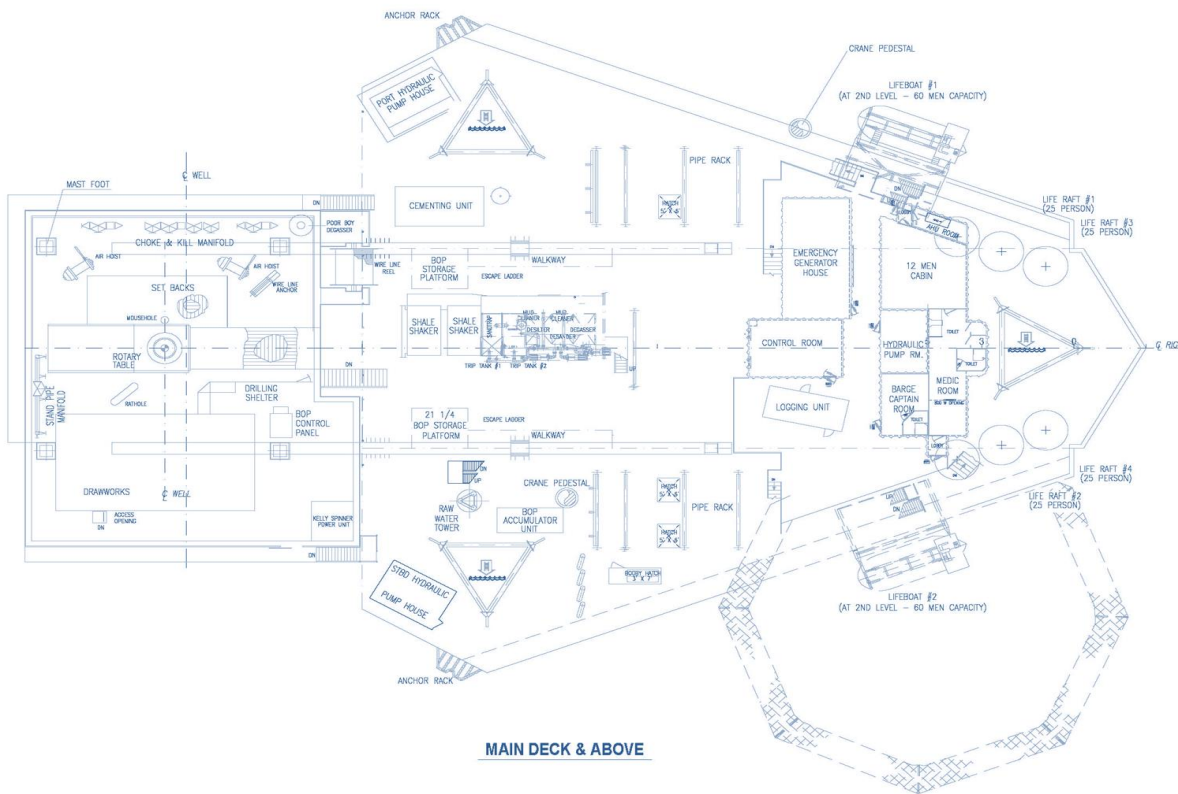
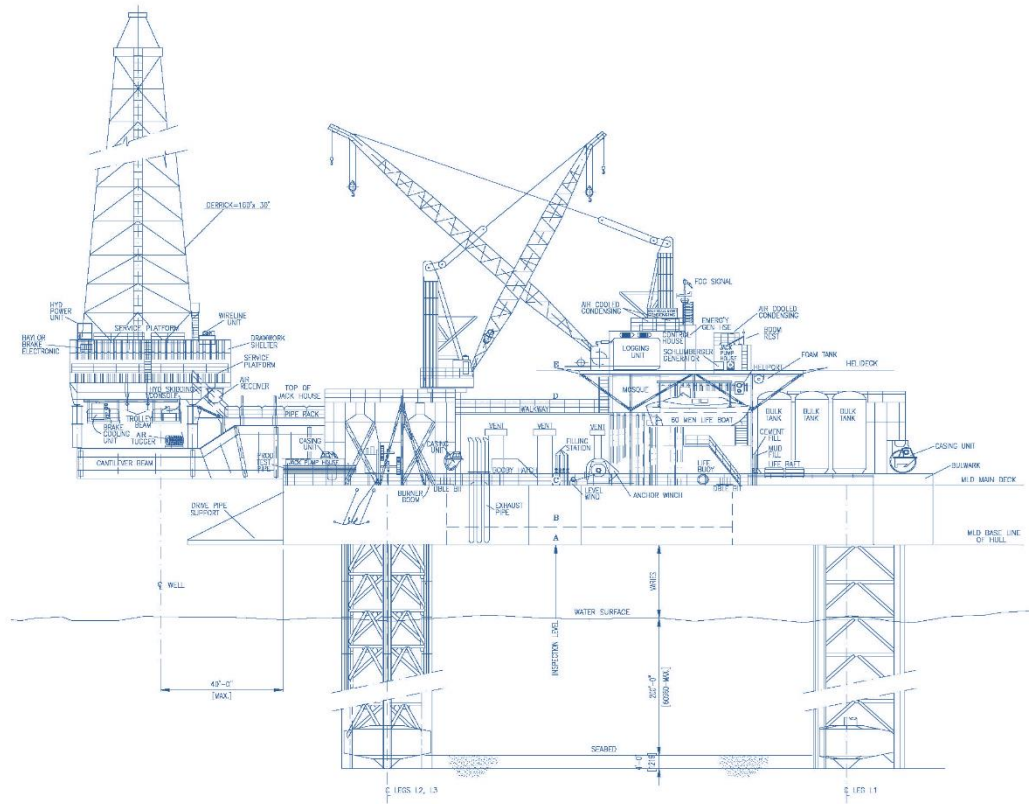
Deck Cranes	(1) NOV Pedestal Crane. SWL 30 ton. (1) SEATRAX Pedestal Crane, 60 ton.
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Special Features & Other Information

Helideck	D 17 M, SWL 6.8 tons.
Jacking	6 pinions per chord, 3 x chords per leg, 972 kips per pinion for holding capacity and 600 kips per pinion for jacking capacity.

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MAIN DECK & ABOVE

