

SAR 202

Design: Keppel FELS Super B Class Enhanced Jackup

Built: Keppel FELS Ltd Singapore Year Built / Last Upgrade: 2012 / 2016



Premium Jackup

General Description		
Classification	ABS, A1 Self-elevating Drilling Unit.	
Flag	Marshall Island.	
Overall Dimensions (Hull)	246 ft. long x 218 ft. wide x 25 ft. deep.	
Legs	3 x 402 ft. long, triangle.	
Longitudinal Leg Centers	129 ft.	
Transverse Leg Centers	142 ft.	
Drafts	16 ft. load line draft.	
Accommodation	114 persons.	
Displacement	34,371.24 kips operating.	
Variable Deck Load	9,700 kips operating / 5,000 kips. transit.	
Transit Speed	Historical Average 4 knots .	
Operating Water Depth	220 ft.	
Maximum Drilling Depth	30,000 ft.	
Drilling Equipment		

Derrick NOV 170 ft., Base 40 ft. x 40 ft.

Hook load Capacity 2,000,000 lbs. on 16 Lines static hook load capacity.

Top Drive NOV TDX-1000, Maximum torque 91,000 ft lbs, continuous

at 116 rpm.

Cantilever / Drill Floor 70 ft aft of Transom / 15 ft transverse to port or starboard.

Travelling Block NOV model 872TB-1000-8C, Capacity 1,000 tons.

Crown Block NOV model 872TB, Capacity 1,000 tons.

NOV Model ADS-10Q, Driven by (4) 1,150 hp AC Motors **Drawworks**

with 1-3/4" inch Drill Line.

Auxiliary Brake

Rotary Table NOV Model D495, 49-1/2", Capacity 1,000 tons.

Cementing Eqpt. Halliburton cementing unit with 15,000 lbs working pressure.

Torque Wrench NOV ST-160-C Iron Roughneck, size 3-1/2" to 10", (2) NOV

SSW40 spinners.

Mud System

(3) NOV 14-P-220, Triplex, Driven by (2) GEB22 1150 HP **Mud Pumps**

AC Drilling motors.

HP Mud System Rated for 7,500 psi.

Mud Pits 5160 bbls total, (9) Mud Pits (2) Slug Pits.

Desanders & Desilters (2) Derrick Hydro cyclone Desander with (3 cones) (2) Derrick Hydro cyclone Desilter 20x4" cones.

Degasser (1) Miswaco CD-1400 Vacuum type. **Shale Shakers** (5) Derrick Hyper pool shakers

Storage	Capacities
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3,033 bbls.
5,128 bbls
2,053 bbls.
(Barite/Bentonite & Cement) 15,050 cu.ft.
2140 sq ft/5000 sack.
2,057 sq. ft x 6 ft. high.

BOP & Well Control

ROP (1) 13-5/8" 10K (2 Cameron U Type Double) with

13 5/8" 10k Hydril GX Annual & 30" 1K NOV Annular

BOP Handling (2) Ingersoll Rand BHS200R/E10372, 100 tons each hoist.

Diverter Vetco Grey Model KFDJ 500 psi.

Control Unit Cameron 5k psi BOP Control Unit 88 bottles

15 gal. capacity with reservoir tank capacity 1,900 gal

Choke Manifold 4-1/16" 10K Upstream to 4-1/16" 5K Downstream.

Power & Machinery

Main Power (6) Caterpillar 3516CHD diesel engines rated 2,180 hp

1603kw

(6) KATO Generator rated 1,720 kw.

Emergency Power (1) Cat 3516 CHD diesel engines rated 2,180 hp 1603kw

(1) KATO Generator rated 1,720 kw.

Cranes

Deck Cranes (2) FAVELLE FAVCO, Offshore Pedestal Crane 7.5/10K Electric,

140 ft boom length

(1) FAVELLE FAVCO, Offshore Pedestal Crane 7.5/10K Electric,

120 ft boom length.

Special Features & Other Information

Helideck D 22.2 M, SWL 12.8 tons.

Jacking 6 pinions per chord, 3 x chords per leg, 1,300 kips per pinion

for holding capacity and 1000 kips per pinion for jacking

capacity.

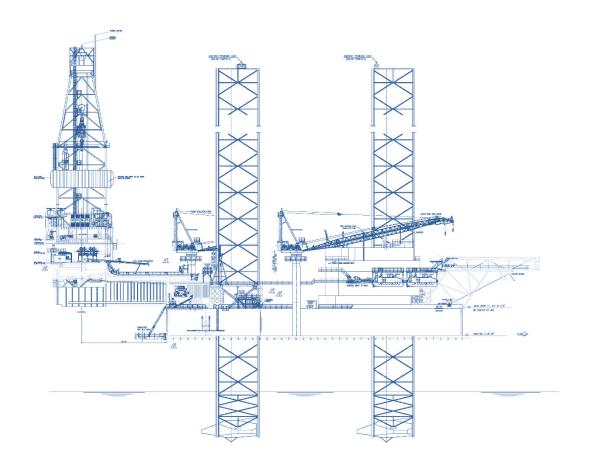


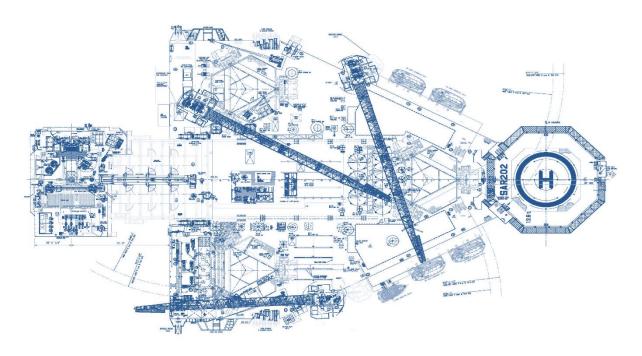






SAR - 202 DAT-ENG-ARO-202-20-001-R2











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 ARO Drilling standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.