Design: Keppel Fels MOD V B-CLASS Bigfoot Cantilever Jack-up
Status: Contracted

**MAIN DIMENSIONS**

- Length (Including helicopter deck): 307' (93.57 m)
- Breadth (including anchor racks): 208' (63.39 m)
- Hull Depth: 25' (7.62 m)
- Leg Length: 469' (142.94 m)
- Usable leg Length (below hull): 411' (125 m)
- Spud Can Diameter: 53' (16.2 m)
- Spud Can Area: 1,963.5 ft² (182.4 m²)
- Drilling Envelope: 75' aft and 15' from center line
- Gross Tonnage: 8,389 tons
- Helideck size / rating: 73' / CAP 437

**DESIGN CRITERIA**

- Max. Operating Water Depth: 300' with 98' air gap
- Max. Rated Drilling Depth: 5" Drill Pipe 30,000' - 4" Drill Pipe 20,000'

**STORAGE CAPACITY**

- Fuel Oil: 5,335 bbls (848 m³)
- Drill Water: 3,828 bbls (608 m³)
- Potable Water: 2,345 bbls (373 m³)
- Liquid Mud: 3,100 bbls (492.8 m³)
- Bulk Mud: 6,000 ft³ (169.9 m³)
- Bulk Cement: 6,800 ft³ (192.6 m³)
- Sack Storage: 5,000 sacks

**MAX GROSS VARIABLE LOAD**

- While Drilling: 3,655 tons, 8,065 kips
- Jacking or Towing: 2,267 tons, 5,000 kips
- Classifications Held: ABS A-1, CD5 & IMO MODU A649

**ACCOMMODATION**

- Total: 150 POB

**POWER EQUIPMENT**

- Main Engines: Five (5) units of CAT3515CHD 2,150 bhp, each output at 600V, 60 HZ, radiator cooling, total HP: 10,750 HP
- Main Generators: Five (5) CAT SRS generators rated at 1,506 kva, 0.8 pf, 600v, 60HZ, total of 8,020 KW.
- Emergency Use: One (1) unit CAT 3512, 1000KW

**MOORING SYSTEM**

- Anchors: Four (4) each
- Anchor Wire: Four (4) each, 2" OD x 1000m length
- Anchor Winches: Two (2) Broh/DIM300, Variable frequency drive motors, max 11.6 m/min x 33.7 kips, 5.8 m/min x 67.46 kips

**DRILLING EQUIPMENT**

- Drawworks: NOV ADS-10T, 3000 HP, c/w disk brake, crown block safety device, Zone 2 application.
- Derrick: LCMoore, 160' with 36' x 36' base, 1,500,000 lbs static load capacity
- Crown Block: LCMoore, 880 tons, 6 x 60" steel sheaves and 2 x fast line sheaves and 2x deadline sheaves.
- Traveling Block: 750 tons, 760TB-750-8C with 76x 60" sheaves grooved for 1-5/8" drill pipe.
- Iron Roughneck: 2 x NOV ST-100 Pipe range 4"-9 3/4"
- Twin Drive: Max make up torque 100K ft-lb, Max break out torque 120K ft-lb
- Rotary Table: NOV, BlT495, 49-1/2"., rated 750 tons, Hydraulic

**BOP & DIVERTER EQUIPMENT**

- Diverter: Fixed diverter system, 2 x 14" overboard line, 16" flow lines
- BOPs: 13-3/8" Cameron BOP Stack, 10,000 psi
- BOP Control System: Cameron control system for 18-3/4" 15k stack
- BOP Crane: Two (2) EH75 ton JDN Neuhaus 75 tons air operated trolley winches

**MUD CIRCULATION SYSTEM**

- Mud Pumps: Three (3) NOV 14-P-220, 2200hp, Triplex, 750 psi
- Shale Shakers: Five (5) VSM 300 shakers, 15,000 gpm capacity each.
- Mud Cleaner: One (1) NOV Brandt 24/3, 1500 gpm capacity, installed on one of the shakers
- Degassers: One (1) NOV Brandt DG-10, vacuum type, 1000 ppm + mud gas separator
- Desilter: One (1) NOV Brandt desilter 24 x 4'
- Centrifuge: Space & Provision available

**OTHER EQUIPMENT**

- Cementing Unit: Client Provided
- Cranes: Three (3) diesel driven Favelco cranes, 50 Tons at 40', 12 tons at 120'
- Water Maker: Two (2) water makers, 70 tons/day each

**ANTI-POLLUTION EQUIPMENT**

- Sewage Treatment: One (1) plant for 150 persons
- Garbage Compaction: One (1) unit
- Oil Water Separator: One (1) unit

**SURVIVAL EQUIPMENT**

- Life Rafts: Six (6) x 25 person (total 150 person capacity)
- Fast Rescue Boat: One (1) x 6 person