**HILD**

**General Description**

<table>
<thead>
<tr>
<th>Design / Generation</th>
<th>Keppel FELS Super B Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Constructing Shipyard</td>
<td>Keppel Fels Singapore</td>
</tr>
<tr>
<td>Delivery Schedule</td>
<td>Oct 2019</td>
</tr>
<tr>
<td>Classification</td>
<td>ABS, A1 Self-elevating Drilling Unit</td>
</tr>
<tr>
<td>Flag</td>
<td>Panama</td>
</tr>
<tr>
<td>Overall Dimensions</td>
<td>246 ft long x 218 ft wide x 25 ft deep</td>
</tr>
<tr>
<td>Legs</td>
<td>(3) 514 ft long, triangular truss</td>
</tr>
<tr>
<td>Drafts</td>
<td>17 ft load line draft</td>
</tr>
<tr>
<td>Accommodation</td>
<td>150 persons</td>
</tr>
<tr>
<td>Displacement</td>
<td>39,230 kips at load line</td>
</tr>
<tr>
<td>Variable Deck</td>
<td>7,984 kips elevated / 4,863 kips field transit</td>
</tr>
<tr>
<td>Operating Water Depth</td>
<td>400 ft</td>
</tr>
<tr>
<td>Maximum Drilling Depth</td>
<td>35,000 ft</td>
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</tbody>
</table>

**Power & Machinery**

- **Main Power**: (5) Wartsila 6W6L 262D diesel engines rated 1950 kW, 900 RPM, (5) AC generator rated 1875 kW, 690V, 60 Hz
- **Emergency Power**: (1) Caterpillar 3508B diesel engine rated 968 bKW, (1) AC generator rated 880 kW, 480V, 60 Hz
- **Power Distribution**: NOV / ABB VFD system

**Drilling Equipment**

- **Derrick**: NOV single, rated 2000 kips, 170 ft clear working height, 36 ft x 36 ft base, API 4F. Racking capacity: 35000 ft of 5-7/8” drill pipe, 10 stands of 9-1/2” drill collars, 3 stands of drill pipe
- **Hookload Capacity**: 2000 kips static hook load capacity
- **Cantilever**: 70 ft reach aft of transom, 15ft port/15ft stbd of centerline
- **Drawworks**: NOV ADS-10Q, (4) 1150 hp AC motors, 2” drilling line
- **Rotary Table**: 49-1/2” NOV RTD-495 hydraulic, rated 2000 kips
- **Top Drive**: NOV TDX-1000, 2000 kips hoisting capacity, (2) 1150 hp AC motors, rated 91,000 ft-lbs continuous drilling torque, 120,000 lbs make-up torque
- **Tubular Handling**: NOV Bridge Racker 10mT-SD-S, (1) ST-120 Roughneck
- **Mud Pumps**: (3) NOV 14-P-220 triplex pumps rated 2200 hp, each driven by (2) GE DM27 AC motors
- **HP Mud System**: Rated for 7500 psi
- **Solids Control**: (5) VSM 300 shale shakers, (1) Brandt Hydrocyclones

**Storage Capacities**

- **Fuel Oil**: 3,504 bbls
- **Liquid Mud**: 5,628 bbls
- **Base Oil**: 1,632 bbls
- **Brine**: 1,015 bbls
- **Drill Water**: 21,755 bbls
- **Potable Water**: 2,053 bbls
- **Bulk Material**: (mud + cement) 15,756 cu-ft
- **Sack Storage**: 5,000 sacks

**BOP & Well Control Equipment**

- **BOP Rams**: (2) NOV Shaffer NXT 18-3/4” double, rated 15000 psi
- **BOP Annular**: (1) NOV Shaffer 18 3/4”, rated 10000 psi
- **BOP Handling**: (2) Ingersoll Rand air hoists, rated 75 mT
- **Diverter**: 49-1/2” Vecho Gray fixed type diverter rated at 500 psi with 16” flow lines

**Moorung Equipment**

- **Mooring Winches**: 4 Promoter PM-EMW-50, 700 m drum capacity, 45mm wire rope, 50 mT pull capacity (first layer), 120 mT brake holding capacity (first layer)
- **Anchor Lines**: (4) 1-3/4” IWRC 6 x 36 galvanized wire rope
- **Anchors**: (4) Delta Flipper anchors rated at 5 mT

**Cranes**

- **Deck Cranes**: (1) Seatrax ST224, Main Hoist 55.91 mT at 25 ft radius, Aux Hoist 13.9 mT all radius, Boom length 120 ft, port aft
- **(2) Seatrax ST626, Main Hoist 50.83 mT at 25 ft radius, Aux Hoist 13.2 mT all radius, Boom length 120 ft, stbd fwd

**Special Features & Other Information**

- **Helideck**: Rated for Sikorsky S61N & S92A helicopters MTOW 12.8mT, CAP 437 7th Edition
- **Work Offline (WO)**: Offline Standbuilding System with Guide Frame, Upper and Lower Guide Arms, Control Unit, Zone Management System: Ability to make-up and break-out drill pipe and casing offline
- **CTU**: Conductor Tensioner Platform rated 500 kips, Tensa RS236B vertical hydraulic tensioner unit rated 500 kips, maximum 30’ casing
- **Jacking System**: 4 pinions per chord, 3 x chords per leg, 1000 kips per pinion, 1300 kips per pinion for preload jacking, RPD monitoring, self-positioning fixation system

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