

HAI YANG SHI YOU CHAO REN



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General Description

| | |
|---|---|
| Design/Generation | Baker Marine Pacific Class 375 |
| Constructing Shipyard | PPL Shipyard Pte Ltd, Singapore |
| Deliver Year/Upgrades | 2007 |
| Classification | CCS |
| Flag | China |
| Overall | |
| Dimensions | 72.1m(236.560ft)×68.4m(224.409ft)×74.86m(27.887ft) |
| Legs | 3 x 154.349m(506.393ft); Triangular cross section leg structure |
| Usable leg below hull | 132.550m(435ft) |
| Spudcan diameter | 16.9m (55.446ft) |
| Draft at loadline | 5.944m(19.5ft) |
| Displacement | 19945.035t(43978.802kips) |
| Drilling Variable Load | 3401t(7,500 kips) |
| Cantilever Envelope | 21.34m(70ft)* ± 4.5m(15ft) |
| Operating Water Depth | 114.3m(375ft) |
| Max. Rating Drilling Depth | 9144m(30,000ft) |
| Accommodation | 120 beds |

Drilling Equipment

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| Derrick | National Oilwell Varco / Bolted H-beam |
| Simultaneous setback-hookload capacity | 1179t(2600 kips) |
| Drawworks | National Oilwell Varco / D3000AC |
| Top Drive | National Oilwell Varco / HPS-750-E-AC-SG working pressure :7,500psi, Rated capacity :750st |
| Rotary Table | National Oilwell Varco / D-495 with Adapter Bushing for 37-1/2" Master Bushing |
| Pipe Handling | National Oilwell Varco / X-Y HydraRacker/ Racking Gripper Head:3½ to 9¼ / 22,000lb/ Pick-up Elevator,2 7/8 to 13 5/8 |
| Mud Pumps | 3*NOV*14-P-220, 2,200hp/ea, 7,500psi |
| Solid Control | 4* National Oilwell Varco / Brandit / VSM300 National Oilwell Varco / GM250-VS-PPL |
| Gumbo | |
| Drilling Manifold | Rated for 7,500 Psi |

Power Plant

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|------------------------|--|
| Main Power | 5* Caterpillar 3516B HD diesel engines rated at 2,150hp, 1,200 rpm |
| Emergency Power | 1 X Caterpillar 3508 DITA/ 1008hp, 1,800 rpm |

STORAGE CAPACITIES

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|-------------------------------|-------------------------------------|
| Fuel Oil | 665.097 m ³ (4,183bbls) |
| Liquid Mud | 667.164 m ³ (4,196bbls) |
| Brine | 208.29 m ³ (1,310bbls) |
| Base Oil | 202.566m ³ (1,274bbls) |
| Drill water | 3485.757m ³ (21,923bbls) |
| Potable Water | 569.061m ³ (3,579bbls) |
| Bentonite/barite | 165m ³ (5,827ft3) |
| Cement | 165m ³ (5,827ft3) |
| Sack Storage | 5,000(@50lb ea) sacks |

BOP Equipment

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| Diverter | Vetco Gray / KFDJ-500 Standard bore / 500psi |
| BOP annular | 1* Rongsheng Machinery Manufacture Ltd/ 13-5/8" 10K |
| BOP rams | 1* Guanghan Well-Control Petroleum Equipment Co.Ltd/ 13-5/8" 15K, Double Ram; 2* Rongsheng Machinery Manufacture Ltd/ 13-5/8" 15K, Single Ram; |
| BOP handling | 2*Ingersoll RandBHS200M/E11001 / Pneumatic Chain Hoists with pendant controls , safe working load at 100MT each; Vertical travel length 30' (9.1M) |

Cranes

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|----------------------|---|
| Portforward d | 1*API 2C and ABS/Baker Marine Kingpost Crane /BMC 2250E / 55.1 st / 25 ft /15.0 st / 127.5 ft |
| Stbd | 1*API 2C and ABS/Baker Marine Kingpost Crane /BMC 1600E/ 45.0 st / 25 ft/9.5 st / 106.5 ft |
| Port aft | 1 *API 2C and ABS/Baker Marine Kingpost Crane /BMC 900D/ 25.0 st / 20 ft /7.5 st / 102.6 ft |
| Knuckle-Boom | 1* API 2C and ABS /National Oilwell Varco / Knuckle boom pipehandling crane with gripper yoke for 3½" to 20" tubulars |

Mooring Equipment

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| Mooring | 4*Baker Marine single drum /42KW/Dual Speed ,electric, |
| Winches | 31.75 tons stall pull, 63.5tons holding . |
| Anchor Lines | 4* RRL galvanized/ 1 ½in/ 3,000ft |
| Anchors | 4* Flipper Delta ,6t |

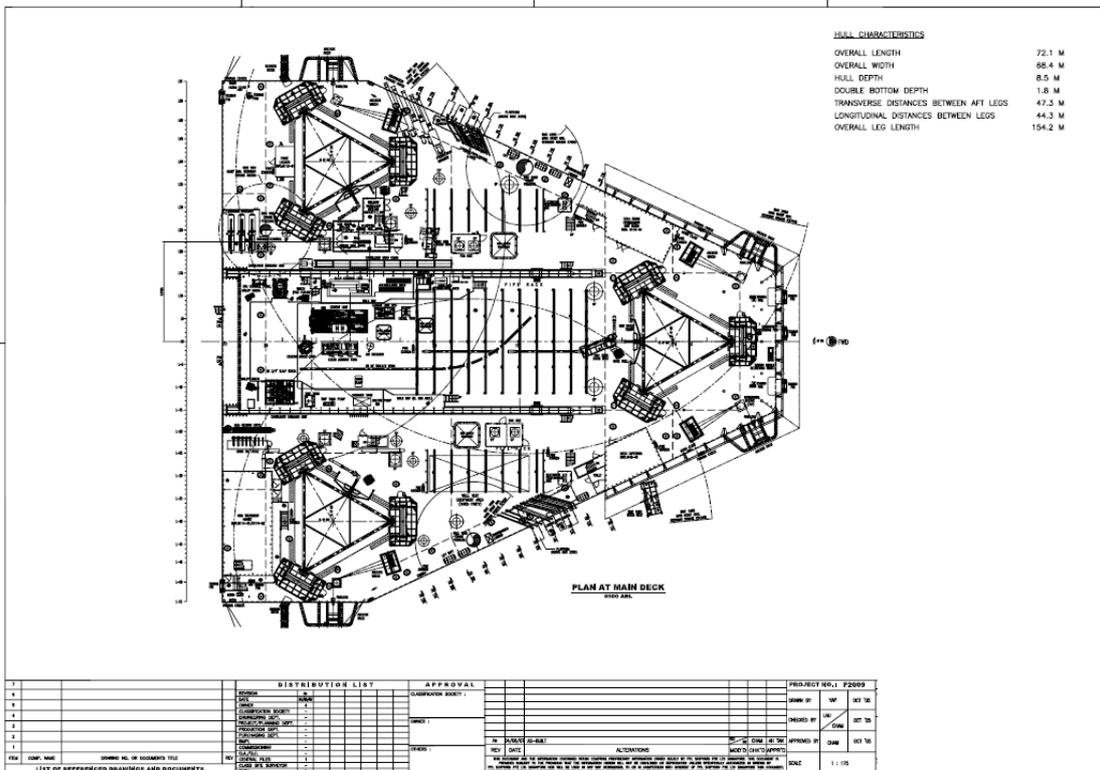
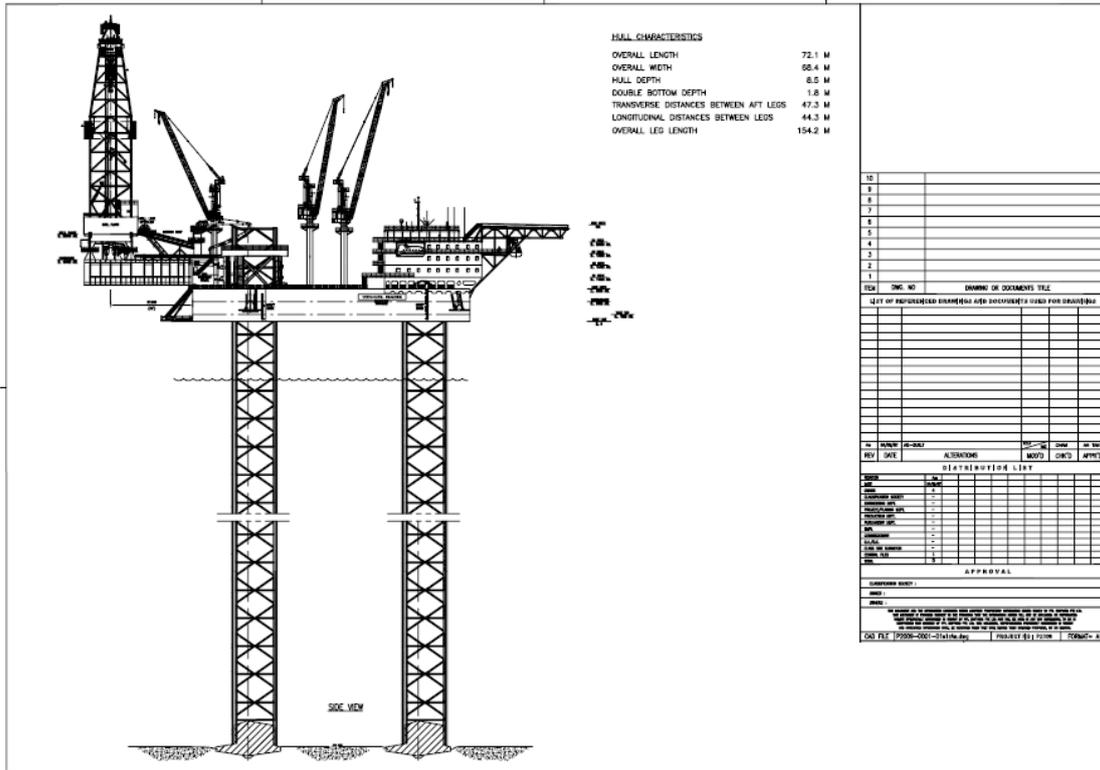
OTHER FEATURES

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| Helideck | Rated for SikorskyS61N helicopter |
| Tension System | National Oilwell Varco / Hinged Push-up Ring on Conductor Platform, with 4 Hydraulicand 4 Centralizers / 250ST |

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