



SOEHANAH

BAKER MARINE PACIFIC CLASS 375 JACK-UP

More information: marketing@vantagedrilling.com



TECHNICAL SPECIFICATIONS

General Information

Rig Design	BMC 375
Year Entered Service	2007
Builder	PPL Shipyard Pte Ltd
Class	ABS
Flag	Panama

General Specification

Hull Length	236'
Hull Breadth	224'
Hull Depth	28'
Legs	3 / Triangular
Accommodation	120 POB
Helideck	CAP437, 75ft Octagon, Sikorsky S-61N with ABS extension to suit S-92 with MTOM 12 ton

Operational Capabilities

Max Water Depth	375' designed/ 375' outfitted
Transit Draft	19.5'
Maximum Drilling Depth	25,000'
Cantilever	75' x 30'
Max Cantilever Load	1946 Kips
Variable Deck Load	7398 kips (Operating) 5000 kips (Transit)

Drilling Package

Derrick	AKMH offset derrick, 35 x 35 ft @ base; 19 ft @ top x 160 ft clear
Hookload Capacity	Working height 1.4 million lbs static hook load
Racking Capacity	- 336 Stands of 5 7/8" drill pipe range II triples x 93 ft (31,248') 12 Stands of 9 1/2" drill collar range II triples x 93 ft (1,116 ft)
Drawworks	Maritime Hydraulics Wirth GH 3000 EG-SC-SV (3,000 hp)
Rotary Table	Maritime Hydraulics RTSS - 49 1/2" H hydraulically operated, 800 tons static load rated, maximum continuous torque of 29,502 ft-lbs @ 20 rpm
Iron Roughneck	1 x AKMH model MH 1898 Mk-I Hydraulic roughneck for tubular range 3 1/2" to 9 3/4". MU 100,000 ft-lbs, BO 125,000 ft-lb
Topdrive	Maritime Hydraulics DDM-650-AC-1M-1S-1150, lifting capacity 650 tons, drilling capacity 650 tons, 63,000 ft lbs max continuous torque @ 93 rpm, 89,000 ft lbs intermittent torque, 0-268 Max rpm, 1 x 1150 hp AC motor

Storage Capacities

Diesel	3,720 bbls
Drill Water	17,007 bbls
Potable Water	3,652 bbls
Bulk Material	11,652 ft3 (mud + cement)
Base Oil	1,397 bbls
Brine	1,437 bbls
Liquid Mud	3,703 bbls
Sack Store	5,000 sack

Mud System

Working Pressure	7,500 psi
Mud Pumps	3 x AKMH Wirth TPK 7 1/2" x 14" 2200 CL, 2200 hp, 7,500 psi, c/w 2 x GE AC motors
Shakers	5 x NOV Brandt VSM 300 BEM dual deck shakers (1 configured as Desander/Desilter)

BOP & Well Control Equipment

BOP Ram Preventers	2 x Cameron, Type U, 13 5/8"-10M psi Double Ram Preventer
BOP Annular Preventer	1 x Cameron DL type, 13 5/8"-5M psi Annular Preventer
Diverter	1 x Vetco Gray 49 1/2" KFDJ-500 STD 500 psi (27 1/2" ID) diverter with 16" flow line and 2 x 12" overboard lines

Power Generation

Main Engines	5 x CAT 3516B Diesel engines, 1383 kW, 1200 rpm
Main Generators	5 x Kato AC alternator, 2150 kVA, 1720 kW, 1200 rpm, 690V, 60 Hz, 3 Ph
Emergency Generators	1 x Leroy Somer AC alternator, 900 kVA, 720 kW, 1800 rpm, 480V, 60 Hz, 3 Ph

Special Features & Other Information

Jacking System	Baker Marine model BMPL J800-2P, c/w 54 active drive pinions powered by N°36 46 kW AC drive motors (18 per jackcase, 6 per chord), normal jacking capacity 19, 738 mt
Mooring System	4 x 65 HP Mentrade Anchor Winches, 6 mt delta flippers
Work Offline (WO)	Ability to make-up drill pipe stands offline.

Offline Capabilities

Offline Tubular	1 x Crane Safe OAC offline activities crane, 5,000 lbs SWL
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Handling Systems

Deck Cranes

- 1 x Baker Marine 2250-E w/ 120 ft boom, main hoist ratings – 68.02 mt @ 25 ft radius and 14.28 mt @ 127.5 ft radius (static), 45.35 mt @ 25 ft radius and 9.52 mt @ 127.5 ft radius (dynamic)
- 1 x Baker Marine 1600-I w/ 120 ft boom, main hoist ratings – 39.04 mt @ 25 ft radius and 5.89 mt @ 126.54 ft radius (static), 26.02 mt @ 25 ft radius and 3.93 mt @ 126.54 ft radius (dynamic)
- 1 x Baker Marine 900-I w/ 100 ft boom, main hoist ratings - 22.67 mt @ 20 ft radius and 6.84 mt @ 102.57 ft radius (static), 15.07 mt @ 20 ft radius and 4.55 mt @ 102.57 ft radius (dynamic)

BOP Handling

- 2 x OHS model NEC 4520 pneumatically operated BOP hoists each with a capacity of 60 mt
- 2 x OHS BOP / Xmas Tree skidding trolleys each rated at 100 mt

Xmas Tree Handling Conductor Tensioner

- 2 x Xmas Tree trolley beams each rated at 15 mt c/w hoist
- 1 x Patriot 200 mt capacity CTU with 305 mm stroke

*This is the end of technical specifications sheet.
For more information, please, contact: marketing@vantagedrilling.com*



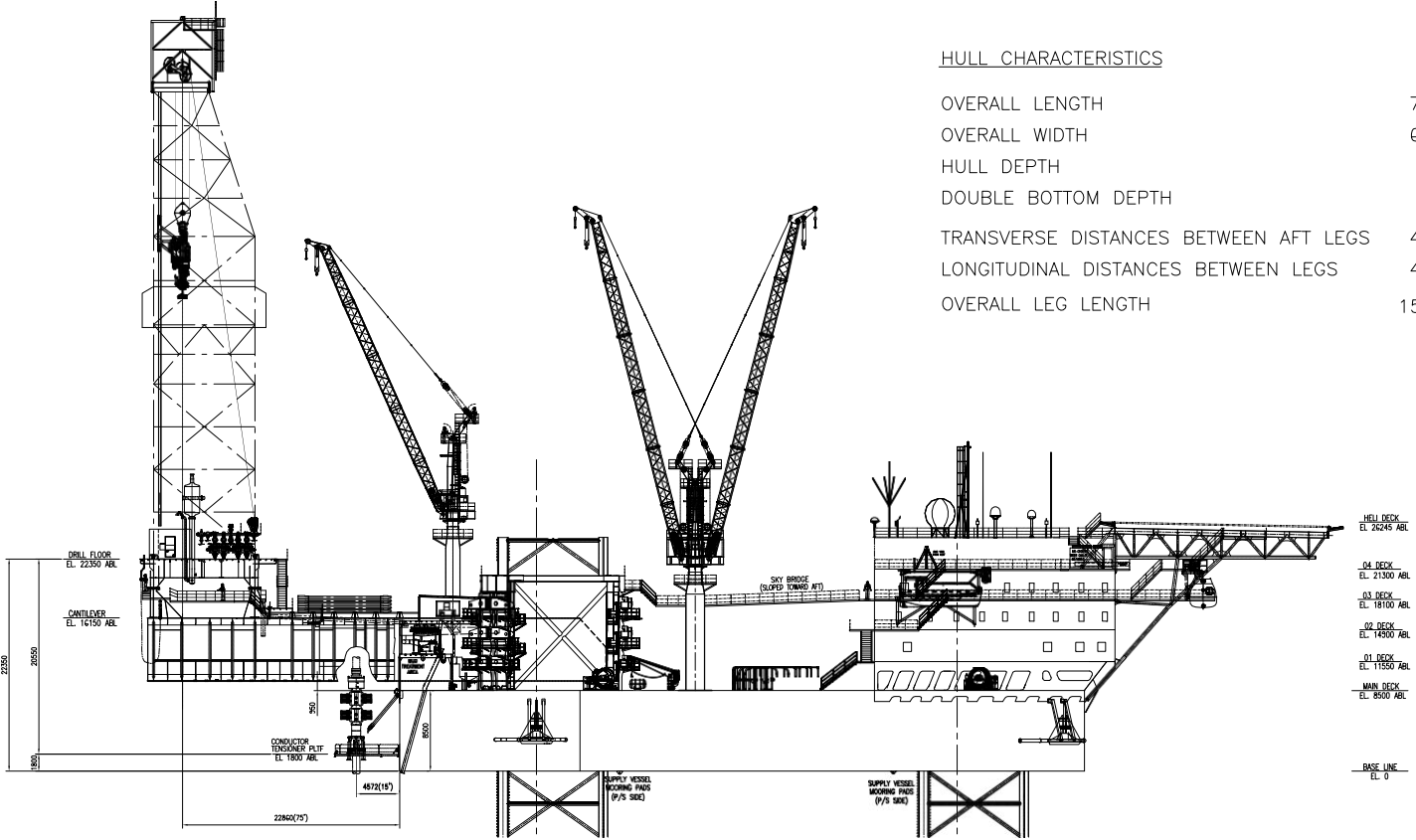
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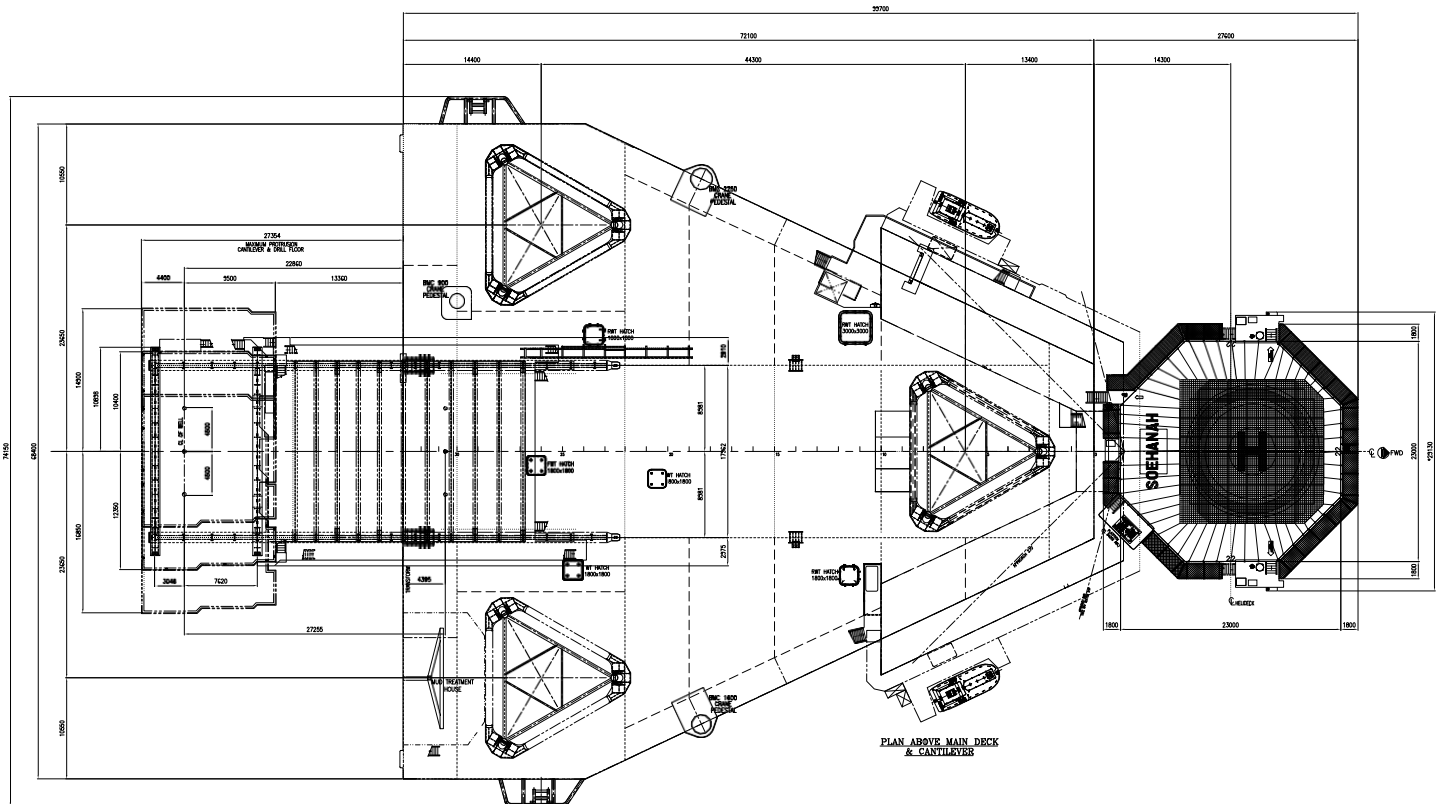


GENERAL ARRANGEMENT PROFILE



HULL CHARACTERISTICS

OVERALL LENGTH	72.1 M
OVERALL WIDTH	68.4 M
HULL DEPTH	8.5 M
DOUBLE BOTTOM DEPTH	1.8 M
TRANSVERSE DISTANCES BETWEEN AFT LEGS	47.3 M
LONGITUDINAL DISTANCES BETWEEN LEGS	44.3 M
OVERALL LEG LENGTH	154.2 M



Revision Date: September 2022

These specifications are intended for general reference purpose only and shall not be contractually binding. Contractor reserves the right to change these specifications at any time without prior notice. All equipment shall be operated and maintained in line with Vantage guidelines and within the limits of OEM specifications.