



**MIDIS  
ENERGY  
SERVICES  
LIMITED**

RC No. 639040



**BM Pacific Class 400  
Argent 1, 2, 3**

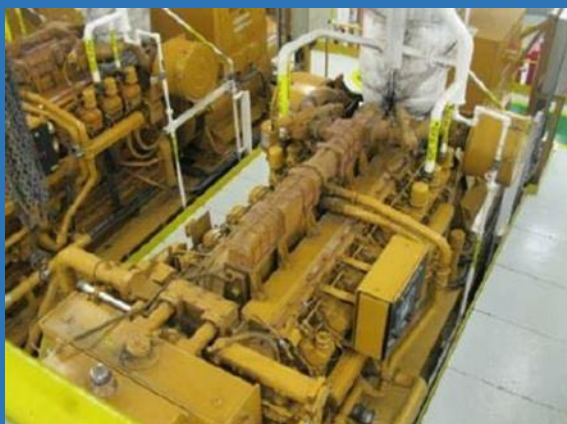


The Baker Marine Pacific Class 400 jack up rigs are able to operate in water depths of 400 feet, drilling depth of 30,000 feet and can accommodate 150 men.

They incorporate an advanced and fully-automated high capacity rack and pinion elevating system, and Self-Positioning Fixation System.

The accommodation is suitable for 150 persons. The facilities include a mess room, a hospital, gym, laundry and a dirty coffee lounge. There is a reception / helicopter briefing room and a TV/Recreation room . Office facilities for client use are provided.

The rig is a highly efficient drilling platform with industry-leading features for safety and environmental friendliness.



The accommodation is suitable for 150 persons. The facilities include a mess room, a hospital, gym, laundry and a dirty coffee lounge. There is a reception / helicopter briefing room and a TV/Recreation room . Office facilities for client use are provided.



The rig is equipped with an Amphion drilling instrumentation system from NOV. Operational information is provided to the driller by real-time processing of signals in the system. Data is presented by means of computer graphics which provides great flexibility.

The rig is equipped for off line stand building with an additional Iron Roughneck. Three deck cranes ensure a smooth handling of materials on deck and to/from the drill floor.



The mud system located in the hull contains 3x 2,200hp, 7,500 psi mud pumps. The high pressure manifold is equipped with a damper and the mud pumps are charged with charging pumps.

There is sufficient fluid storage capacity for active liquid mud, brine, drill water and base-oil.

The bulk material can be stored in 3x bulk tanks for cement and 3x bulk tanks for barite / bentonite. The sack store has a capacity of 5,000 sacks.

# Rig Specifications

## GENERAL

Built	: 2013
Class	: ABS
Design	: BM Pacific Class 400
Flag	: Panama
Min Water Depth	: 30 ft
Max Water Depth	: 400 ft
Max Drilling Depth	: 30,000 ft
Accommodation	: 150 POB
Helideck	: Sikorsky S92/ S61N

## DRILLING EQUIPMENT

Derrick	: NOV
Hookload	: 1,500,000 lbs
Racking capacity	: 322 stds 5 7/8" dp
Drawworks	: NOV ADS-10T
Top Drive	: NOV TDS-8S 750 sht
Rotary Table	: NOV hydr drive
Iron Roughneck	: 2x NOV ST100
Offline stand building	: yes

## STORAGE CAPACITIES

Potable water	: 3,520 bbl
Diesel Fuel	: 4,085 bbl
Drill Water	: 21,760 bbl
Brine	: 1,255 bbl
Bulk Barite /Bentonite	: 5,827 cuft (3x silo)
Bulk Cement	: 5,827 cuft (3x silo)
Sack material	: 5,000 sacks
Base Oil	: 1,255 bbl
Liquid mud	: 4,150 bbl

## POWER

Main Engines	: 5x Caterpillar 3516CHD
Main Generators	: 5x KATO 6P6-3300
Emergency Engine	: 1x Caterpillar 3508B
Emergency Generator	: 1x Leroy Somer LSA49

## PRINCIPAL DIMENSIONS

Length overall (LOA)	: 237 ft
Moulded breadth	: 224 ft
Depth	: 28 ft
Leg length	: 533 ft
Usable leg below hull	: 460 ft
	: 10ft penetration, 50ft airgap
Drilling envelope	: 30 x 75 ft
Variable Load     Drilling	: 7,500 kips
Transit / Jacking	: 5,000 kips

## WELL CONTROL

BOP – Rams	: 2x Double Cameron TL
	: 18 3/4 " 15k
BOP – Annular	: 1x Cameron D, 18 3/4"10k
Control Unit	: CAD Control
Diverter	: Vetco Grey KFDJ-500, 49 1/2"
C&K manifold	: Forum oilfield 3 1/16", 15k
Conductor Tensioner	: TSC, 225mT (4x lift point)
BOP hoist	: 2x JD Neuhaus EH75,

## MUD SYSTEM

Mud pumps	: 3x 14-P-220
Pressure Rating	: 7,500 psi
Power	: 2,200 hp
Shale shakers	: 4x NOV Brandt VSM 300
Mud Gas Separator	: Forum PD5500 2009
Degasser	: NOV Brandt DG10
Mud Centrifuge	: 1x Kemtron 2014
Desander	: 1x NOV Brandt SRS-3
Desilter	: 1x NOV Brandt SE-24
Mud Cleaner	: 1x Brandt Hydrocyclone

## CRANES

Deck Crane	: 3x BMC 2250
Main Hoist	: 50mT @ 7.5m
	: 14mT @ 39m
Aux Hoist	: 10mT all radii





## CONTACT DETAILS

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