

## *Rubicone*



The **Rubicone** is a Malaysian ABS Class Mobile Offshore Production Unit or MOPU, converted in 2011 from a BMC-250 Mat Supported Jack-Up Platform. Equipped with a rack and pinion elevating system powered by Hagglunds motors. Weighing at 5,113 tonnes, it has a daily production capacity of 165 MMscfd of gas, 5,262 BPD of oil and 2,044 BPD of water.

### Specifications

- Length 58.0 m
- Breadth 40.0 m
- Depth 4.0 m
- 22 Tons hydraulic crane with 35.0 m boom
- 12 x Hagglunds 83 jacking motors
- 3 legs at 96.0 m length each



<b>Type</b>	Baker Marine Corporation BMC-250 Mat Supported Jack-Up Platform
<b>Class</b>	ABS Offshore Installation
<b>Flag</b>	Malaysian
<b>Converted</b>	Singapore, 2011
<b>Elevating System</b>	Rack and pinion system, two units per leg with two drive pinions per each unit, Hagglunds hydraulic motors

## Principal Dimensions

### Hull

<b>Length</b>	191'-0"
<b>Breadth</b>	132'-0"
<b>Depth</b>	14'-0"
<b>Transit Loadline Draft</b>	9'-0" (on the hull)

### Mat

<b>Length</b>	195'-6"
<b>Breadth</b>	164'-0"
<b>Depth</b>	10'-0"
<b>Slot Length</b>	56'-0"
<b>Slot Width</b>	92'-0"
<b>Scour Skirt</b>	2'-0"

### Legs

<b>Number of Legs</b>	3
<b>Outside Diameter</b>	10'-0"
<b>Length of Legs</b>	315'-0"
<b>CL Fwd Leg to CL Aft Legs</b>	115'-6"
<b>CL to CL Aft Legs</b>	116'-0"

<b>Minimum Separation of Mat and Hull (afloat)</b>	2'-0"
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## Helideck

Not in use, decommissioned.

## Storage Capacities

<b>Salt Water</b>	4,391 bbl
<b>Diesel Fuel</b>	1,085 bbl

## Firewater system

<b>Firewater pump</b>	2 nos. of Halco centrifugal pump
<b>Deep well pump</b>	Flowserve submersible pump
<b>Capacity</b>	800 GPM

## Cranes

Baker Marine 900 hydraulic crane, 22 tons with 100 ft boom  
ABS Linkbelt 218 mechanical crane, 38 tons with 100 ft boom

## Power

<b>Main Hull Generators</b>	2 x 1000 kW CAT 3512
<b>Topsides Generators</b>	2 x 1500 kW Detroit MTU
<b>Emergency Generator</b>	1 x 150 kW CAT 3306

## Hydraulic Jacking System

<b>Jacking Motors</b>	12 x Hagglunds 83 jacking motors
<b>Hydraulic pumps</b>	7 x Sunstrand series 25 driven by 75 hp electric motors each

## Survival Capsules

2 nos. of Viking 25-man liferafts

## Process design conditions

<b>Export Compression</b>	165 MMscfd at 105 bara / 48.9 °C
<b>Booster Compression</b>	61 MMscfd at 66 bara / 48.9 °C
<b>TEG Regeneration</b>	8 GPM at 1.013 bara / 128 °C
<b>Slug Catcher</b>	185 MMscfd at 66 bara / 34 °C
<b>Glycol Contactor A</b>	60 MMscfd at 66 bara / 34 °C
<b>Glycol Contactor B</b>	110 MMscfd at 66 bara / 34 °C
<b>Closed Drain System</b>	33 USGPM / 0.003 MMscfd at 1.013 bara / 30 °C

\* This specification is given in good faith and assumed to be accurate at the time of print.

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