



## JACK-UP VESSEL JILL



### Classification and Rules

Vessel type: Self-elevating unit  
 Class: ABS - Classed A1 SEU, Wind IMR, SOLAS, DPS 2 ACCU,  
 Helideck USCG & CAP 437  
 Delivery: 2014  
 Yard: Gulf Island Marine Fabricators, Houma, Louisiana, US  
 Flag: United States of America

### Principal Dimensions

Hull length o.a. [m]: 56  
 Hull breadth mid [m]: 41  
 Hull depth [m]: 4,5 (barge only)  
 Min. draft (light) [m]: 3 (design draft)

### Cargo Capacity

Max variable load [t/m<sup>2</sup>]: 4,1  
 Deck area [m<sup>2</sup>]: 1092 (19mm pl.) - 1431 (total)  
 Uniform deck loading [t/m<sup>2</sup>]: 5-10  
 Total variable load: 680t\*  
 Equipped with universal seafastening

### Propulsion, Manoeuvring and Positioning

Aft propulsion: 2 x 1813,74 kW TECO motors with steerprop  
 SP25D thruster unit  
 Fwd manoeuvring: 2 x 400 kW Berg TFFT-211 Tunnel thrusters  
 Max speed [knots]: 6  
 Positioning: DP2



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### Operational Limitations

All year survival water depth range<sup>1</sup> [m]: 6.1 - 22.9  
 Operation water depth range<sup>1</sup> [m]: 5.5 - 85.3  
 Transit fully loaded: up to wave 1.8m Hs  
 Jacking: up to wave 1.8m Hs

### Main Crane

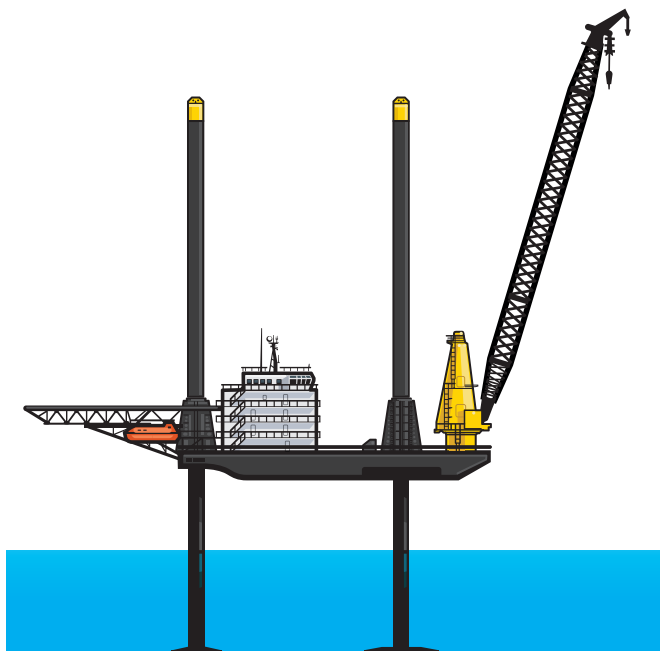
Type and location: Port Bow, 10,5 off CL  
 Long mode: 250t at 17m outreach  
 Auxilliary hook: 45t at 17,68m  
 Mean wind limit [m/s]: 15

### Deck Cranes

1 crane of type 54,4t SWL, 35m max radius  
 1 crane of type 22,7t SWL, 21m max radius  
 1 crane of type 9,1t SWL, 15,24m max radius  
 All cranes certified for man riding

### Power generation

2 CAT 3516c 2350kW  
 2 CAT C32 1000kW  
 Harbour (emergency) generator. CAT C6.6, 158kW  
 Output range: 60 Hz, 230-690V



### Jacking System

Type: Hydraquip Rack & Pinion Electro. Hydraulic.  
 Effective jacking capacity per leg [t]: 1770  
 Holding capacity per leg [t]: 2082  
 Jack-up lifting / lowering speed [m/min]: 1,23  
 Leg handling speed [m/min]: 1,83

### Legs and Spudcans

Number & type: 3 cylindrical  
 Diameter [m]: 2.9  
 Length [m]: 102  
 Max leg length below ship baseline [m]: 70.5  
 Spudcan area [m<sup>2</sup>]: 124,69 (13.7m x 9.1m)

### Safety Systems

Fire and safety systems: Compliant with IMO MODU Code and SOLAS  
 Fire & Gas detection: Shipwide integrated system  
 Fire extinguishing: Fire ring main, CO<sub>2</sub> engine room, Novac electronics room  
 Life saving: 2 x 80 man SOLAS lifeboats, 10 x 50 man liferafts  
 MOB: high speed rescue boat + CrewFinder system

### Access

Helicopter deck 12.6t D-value 22 CAP 437  
 Man-riding cranes

### Accommodation and Facilities

Total complement: 80 persons  
 Cabins equipped with en suite bathroom, Sat TV/video  
 Several client offices and workshops, fitness room, laundry, TV room, hospital etc.  
 2 x 45,000 l/day watermakers

### Fuel consumption

Transit speed of 6 knots [m<sup>3</sup>/24h]: 12.1 +/- 1.5  
 DP Operations [m<sup>3</sup>/24h]: 9.5 +/- 1.5  
 Elevated, standby [m<sup>3</sup>/24h]: 3.4 +/- 0.5  
 Elevated, crane work [m<sup>3</sup>/24h]: 6.80 +/- 1.5

<sup>1</sup> Depending on site conditions

\*Additional load possible via site-specific study

The information included in this brochure is intended for general information only. All figures believed to be correct at time of printing.