



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/m²]: 4,1
 Deck area [m²]: 1092 (19mm pl.) - 1431 (total)
 Uniform deck loading [t/m²]: 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 range¹ [m]: 6.1 - 22.9
 Operation water depth range¹ [m]: 5.5 - 85.3
 Transit fully loaded: up to wave 1.8m Hs
 Jacking: up to wave 1.8m Hs

Main Crane

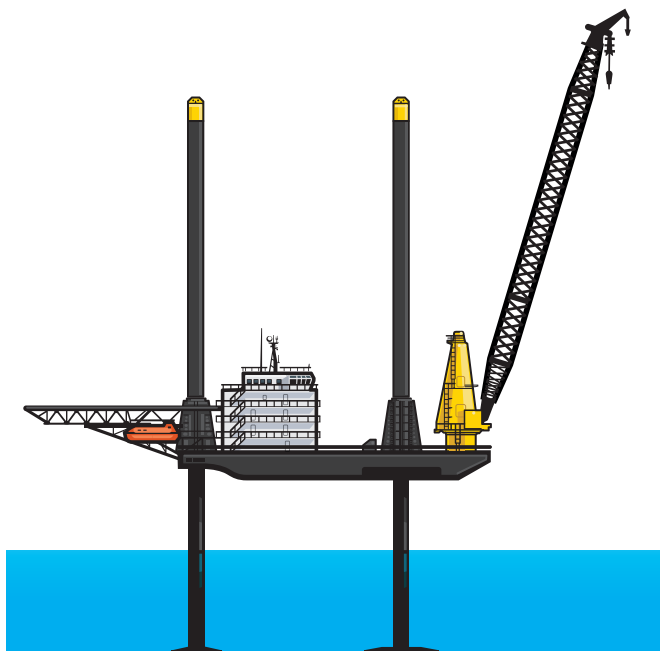
Type and location: Port Bow, 10,5 off CL
 Long mode: 250t at 17m outreach
 Auxilliary hook: 45t at 17,68m
 Mean wind limit [m/s]: 16

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 [m²]: 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, CO₂ 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 [m³/24h]: 12.1 +/- 1.5
 DP Operations [m³/24h]: 9.5 +/- 1.5
 Elevated, standby [m³/24h]: 3.4 +/- 0.5
 Elevated, crane work [m³/24h]: 6.80 +/- 1.5

¹ 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.