



## VESSELS

### Lift / Hook-up

#### Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation

subsea 7

# Seven Inagha

## Vessel Info

*Full specification overleaf*

**Seven Inagha** is a specially adapted jack-up accommodation and crane barge, self-propelled and self-elevating providing versatility and operational flexibility.

- Length 83.38m x breadth 39.32m
- Leg length 3 x 97.5m
- 2x 295t cranes capable of working in tandem
- Accommodation 150 persons

## Fast Facts

- Jack up capability in 50m water depth
- Equipped with two 295t offshore cranes
- Self-propelled and self-sufficient for manoeuvring without tugs (DP1-like capability / no class notation)



## Seven Inagha

subsea 7

### General Information

Type	<b>Jack-up accommodation and crane barge</b>
Classification	<b>BV I Hull Mach</b>
Flag	<b>Nigeria</b>
Year Built	<b>2011</b>

### Principal Dimensions

Length Overall	<b>83.36m</b>
Breadth	<b>39.32m</b>
Depth Main Deck	<b>4.27m</b>
Transit Speed	<b>4.5 knots (approx)</b>
Gross Tonnage	<b>3,783t</b>
Net Tonnage	<b>1,134t</b>

### Tank Capacities (100%)

Fuel Oil	<b>201m³</b>
Lube Oil	<b>4.5m³</b>
Fresh Water	<b>253m³</b>

### Power and Propulsion

Generators	<b>5 (4x main, 1x emergency)</b>
Number	<b>4x Caterpillar 3,512 DITA / 1x C9</b>
Type	<b>4x 1,700kW @ 1,800 rpm / 1x 250 kW @1,800rpm 440v/3ph/60Hz</b>
Power (kVA)	
Main Propulsion	<b>2x Twin Screw Fixed Pitch Propellers each driven by 2x Variable Frequency Driven Electrical AC Motors Total Power 4,400 hp [4x 1100 hp]</b>
Bow thruster	<b>1x Verhaar Omega 360 degrees Azimuthing Channel Thruster Type 31,170-4k Total Power 1,072 hp</b>
Stern Trusters	<b>2x Verhaar Omega Fixed Pitch Tunnel Thrusters Type OFP1,200 Total Power 1,072 hp [2 x 536 hp]</b>

### Jacking system

Legs	<b>3x 97.5m with rectangular pads</b>
Jacking	<b>12x Hydraulic planetaries per leg Emerson 350HP, 480VAC Hydraulic pumps 1.3m/min Fwd port &amp; stbd and aft centered</b>
Jacking Rate	<b>91.4 sqm</b>
Location	<b>&lt; 30 mt/sqm (incl. preloading ops)</b>
Pad Bearing Surface (per pad)	<b>76.25m</b>
Pad Bearing Pressure	<b>88.39m</b>
Max Working Depth	
Max Deck Height	

### Cranes

Number	<b>2</b>
Main Crane Capacity (st)	<b>295mT static</b>
Manufacturer	<b>Seatrax</b>
Location	<b>Forward port and starboard</b>
Main Crane	<b>Leg mounted counterweight</b>

### Helideck

Type	<b>Outer area 17m diam</b>
Capacity	<b>Suitable for Bell 212, Bell 412 EP, AB 319 and AW 139. MTOW 6.8mt. Certified CAP437, suitable for night time operations.</b>

### Other Operational Parameters

Variable Load	<b>Up to 1,300mt including up to 700mt deck load</b>
Cargo Deck Area	<b>Up to 660sqm</b>

### Life Saving Appliances

Lifeboats	<b>2x 102 person (one each side)</b>
Liferafts	<b>18x 25 person (can be increased project and POB depending)</b>
Rescue Boat	<b>1</b>
External Gas Monitoring System (H2S+Explosivity)	
Cascade System (can be mobilised upon request)	

### Offices

Office	<b>1x 7 person office 6x 4-6 person office 1x 12 person room</b>
Conference room	

### Accommodation

Berths	<b>150 beds across 3 levels</b>
Cabins	<b>50x 2 person cabin 12x 4 person cabin 2x 1 person cabin Supplementary Portable Accommodation maybe mobilised and hooked-up to existing systems (project depending)</b>



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### Our Differentiators



Culture



Creativity



Relationships



Reliability



Solutions

The Subsea 7 fleet comprises of vessels that have exceptional versatility, capable of operations worldwide including; pipelay, construction, survey, remote intervention, diving support, heavy lifting operations, renewables and decommissioning.