

Seven Inagha

Jack-up
Accommodation
and Crane
Barge

subsea 7



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
- 2 x 295t cranes capable of working in tandem
- Accommodation 150 persons

General Information

Type	Jack-up accommodation and crane barge
Classification	BV I Hull Mach
Flag	Panama
Year Built	2011

Principal Dimensions

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

Power and Propulsion Systems

Generators	
Number	5 (4 x main, 1 x emergency)
Type	4x Caterpillar 3512 DITA / 1x C9
Power (kVA)	4x 1700kW @ 1800 rpm / 1x 250 kW @1800rpm 440v/3ph/60Hz
Main Propulsion	2 x Twin Screw Fixed Pitch Propellers each driven by 2 x Variable Frequency Driven Electrical AC Motors Total Power 4400 hp [4 x 1100 hp]
Bow thruster	1 x Verhaar Omega 360 degrees Azimuthing Channel Thruster Type 31170-4k Total Power 1072 hp
Stern Trusters	2 x Verhaar Omega Fixed Pitch Tunnel Thrusters Type OFP1200 Total Power 1072 hp [2 x 536 hp]

Tank Capacities

Fuel Oil	201m ³
Lube Oil	4.5m ³
Fresh Water	253m ³

Jacking system

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

Accommodation

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

Offices

Office	1 x 7 person office 6 x 4-6 person office
Conference room	1 x 12 person room

Cranes

Number	2
Main Crane Capacity (st)	295mT static
Manufacturer	Seatrac
Location	Forward port & starboard
Main Crane	Leg mounted counterweight cranes
- General Comments	

Helideck

Type	Outer area 17m diam
Capacity	Suitable for Bell212 (6.4mt MTOW) Certified CAP347 for daylight Routine Flights (night time use only Emergency)

Life Saving Appliances

Lifeboats	2 x 102 Pers (one each side)
Liferafts	12 x 25 Pers (can be increased project and POB depending)
Rescue Boat	1
External Gas Monitoring System (H2S+Explosivity)	
Cascade System (can be mobilized upon request)	

Other Operational Parameters

Variable Load	Up to 1100mt including up to 675mt deck load
Cargo Deck Area	Up to 660sqm

