

HEA Atlas



HEA Atlas

HEA Atlas is a self-contained offshore accommodation barge designed to support large-scale marine and energy operations. Built in 2012 and classified under ABS, the barge offers spacious accommodation for up to 348 personnel, along with modern onboard facilities including client offices, a gym, recreation areas, and a helideck suitable for Sikorsky S92. With a large clear deck area of 1,600m² and an 8-point mooring system, HEA Atlas is well-suited for long-term deployment in demanding offshore environments.

General Information

Type:	Accommodation Barge
Design:	SK305
Built:	2012
Builder:	Fuzhou Cangshan Xiayang, China
Class & Notations:	ABS A1, Barge, CRC
Flag:	Panama

Principle Dimensions

Length overall LOA:	100.0m
Hull length:	100.0m
Hull breadth:	31.7m
Total beam (BOA):	31.7m
Hull depth:	7.3m
Draft:	5.0m
Deadweight:	2000t
Deck load capacity:	12 t/m2
Main deck area:	1600 m2

Helideck

Type/ Diameter:	Mild Steel – Square / 22.2m
Capacity:	12.8 Tons
Helicopter type:	Sikorsky S61N-S92N / CAP 437

Generators and Machinery

Main generator:	5 x CAT 3412C 534kW @ 1500rpm
Emergency generator:	1 x CAT 3406C 260kW @ 1500rpm
Water maker:	2 x 50m3/day
STP:	300 POB

Deck Equipment

8 – Point Mooring System:	8 x Drum 1500 x 52mm dia. SWR @ 11 Layers, braking load (150T-Static) 1st Layer
Tugger winch:	1 x Drum 200 x 25mm dia. 15t
Vertical capstan:	4 x Rated load (10T)
Electro-hydraulic power pack:	4 x (3 x 90kW + 1 x 7.5kW) - (tank capacity 2400 liters)
Anchor chain swivel:	7 x 52mm dia. Stud link, Length (2x1.32m + 5x1.86m), MBL (2110kN), Load (145 T)

Cranes

Main crane

Maker/ Model:	NOV Amclyde Unit 35000 HD
Type:	Pedestal boom crane SB-AFT
Boom length:	45.7m
Capacities:	68t @ 9.1-13.5m, 11.3t @ 47.6m Aux 9t @ 9.8m-48m, 8t @ 50.1m
Hooks above main deck:	Main hook: 64m Aux hook: 76.8m

Safety Systems

Life rafts:	6 x 25 Men
MOB/Fast rescue craft:	1 x 6 POB
FIFI system	
Fire pumps:	4 x 280 m3/hr
Fire monitors:	1 x 1,600 m3/hr

Tank Capacity

Fuel oil:	2,600 m3
Fresh water:	2,600 m3
Ballast water:	9,960 m3
Endurance:	100 Days

Accommodation and Facilities

Configuration:	Current
1 Man cabins:	10 Cabins
2 Men cabins:	9 Cabins
2 Men in TLQs:	-
4 Men cabins:	68 Cabins
4 Men in TLQs:	12 Cabins
Total POB:	348 POB

Facilities

Galley, mess room, client offices, meeting room, recreation rooms, gymnasium, changing rooms, coffee rooms, sick bay, Helli reception/ departure facilities, laundry, stores, workshops, and Starlink VSAT.