

HEA ATLAS



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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.

CLASSIFICATION AND RULES

Type: Accommodation Barge
Built: 2012
Yard: Fuzhou Cangshan Xiayang, China
Class: ABS + A1 Barge + CRC
Flag: Panama
Call Sign: 3E5328

MAIN DIMENSIONS

Length (overall): 100m
Width overall: 31.7m
Hull depth: 7.3m
Draft: 5m
Dead Weight: 9,674 T
Clear Deck Area: 1600m²
Deck Loading: 12.5 mt/m²
GRT/NRT: 10,159/3,047 T

CAPACITIES

Fuel Oil: 920m³
Fresh Water: 2,600m³
Ballast/Drill Water: 9,960m³

DECK EQUIPMENT

Anchor System: 8 -point mooring system
Mooring Winches: 8 x Drum 1500 x 52mm dia. SWR @ 11 Layers
Rated load (1st speed) 1st Layer
(2nd speed) 85T x 12 m/min @ 4.6 rpm
(3rd speed) 50T x 19 m/min @ 7.3 rpm
28T x 32 m/min @ 12.3 rpm
Braking load: (150T-Static) 1st Layer
Tugger Winch: 1 x Drum 200 x 25mm dia. SWR @ 7 Layers, Rated pull (10T x 0-15m/min), brake Holding (15T-Static)
Vertical Capstan: 4 x Rated load (10T), Line speed (15m/min @-9.5rpm)
Wrapping head (450mm Dia.)
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)
Sewage treatment: 2 x 150 Persons Per Day
Water Maker: 2 units x 50m³/day RO

CRANES

Main crane: Amclyde Unit 35000 HD Pedestal
Boom length: 50.1m
Capacities: 68t@9.1-13.5m - 47.6t@11.3m
Aux hook - 9t @ 9.8m - 8t @50m
(Man-riding 3t)

SAFETY SYSTEMS

Fire and gas detectors throughout the whole vessel in full compliance with MODU requirements.

1 x 6 MOB/Fast Rescue Craft.
6 x 25 men inflatable life-rafts.

GENERATORS

Main Generator: 5 x CAT 3412C
534kW @ 1500rpm
Emergency Generator: 1 x CAT 3406C
260kW @ 1500rpm

HELIDECK

Material: Mild Steel - Square Shaped
Dimensions: 28 Dia. ~ 12.8 tons
Type: Sikorsky S92

EXTERNAL FIRE-FIGHTING

Fire Monitor: 4 x 280m³/hr m³/h
Fire Pump: 1 x 1600 m³/h

ACCOMMODATION AND FACILITIES

Standard accommodation:
348 total POB
10 x 1 men berth
9 x 2 men berth
80 x 4 men berth

Cabins equipped with en-suite shower/toilet, telephone, TV/DVD and network connections.

Facilities
Galley, mess room, client offices, meeting room, recreation room, gym, sick bay, Prayer, laundry, stores and workshops