

# HEA Oceanic



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# HEA Oceanic

A Diving Support Vessel (DSV) equipped with a DP2 System, enabling precise station-keeping for offshore operations. Designed to support complex subsea and diving activities, the vessel features a robust 100T crane for heavy lifting and subsea deployment, along with a FIFI system for enhanced offshore safety. HEA Oceanic is built for versatility, reliability, and performance in demanding marine environments.

## General Information

<b>Type:</b>	Diving Support Vessel (DSV)
<b>Design:</b>	FOCAL 532 90M RDSV
<b>Built:</b>	2025
<b>Builder:</b>	CSSC Huangpu Wenchong Shipyard, China
<b>Class &amp; Notations:</b>	ABS A1 Offshore Support Vessel (DSV Capable, FFV 1, ROV Capable), ©, AMS, ACCU, DPS-2, BWT, CRC(SC), HELIDK, MLC-ACCOM(PS), RW, UWILD
<b>Flag:</b>	Panama
<b>IMO:</b>	1065019

## Principle Dimensions

<b>Length overall LOA:</b>	90.0m
<b>Hull length:</b>	82.4m
<b>Hull breadth:</b>	23.0m
<b>Total beam (BOA):</b>	23.0m
<b>Hull depth:</b>	8.5m
<b>Draft:</b>	6.0m
<b>Deadweight:</b>	3972t
<b>Deck load capacity:</b>	10 t/m <sup>2</sup> - Mez deck 5t/m <sup>2</sup>
<b>Main deck area:</b>	1100 m <sup>2</sup> - Mez deck 300 m <sup>2</sup>

## Helideck

<b>Type/ Diameter:</b>	Aluminium / 22.2m
<b>Capacity:</b>	12.8 Tons
<b>Helicopter type:</b>	Sikorsky S61N-S92N / CAP 437

## Generators and Machinery

<b>Main generator:</b>	5 x CAT 3156C, 2250 kW @ 1800rpm
<b>Emergency generator:</b>	1 x CAT C9 238 kW
<b>Diving Generator:</b>	1 x CAT C18 525 kW
<b>Harbour generator:</b>	1 x CAT C18 550 kW
<b>Water maker:</b>	2 x 35m <sup>3</sup> /day
<b>STP:</b>	200 POB

## Propulsion

<b>AFT thrusters:</b>	2 x 2200kW ZP-41 (FPP)
<b>FWD thrusters:</b>	3 x 1200kW TFT-200 tunnel
<b>Service speed:</b>	12 knots

## Deck Equipment

<b>Moonpool:</b>	7.2m x 7.2m Midship
<b>Mooring Lines:</b>	4 x 220m x 80mm dia.
<b>Anchors:</b>	2 x AC-14 HHP stock-less anchors, 660m x 52mm/ Grade U3

## Cranes

### Main crane

<b>Maker/ Model:</b>	Jebsen & Jessen Offshore JJ-KCRN2600 -100T10M-25T21M
<b>Type:</b>	AHC Knuckle boom crane SB-AFT
<b>Boom length:</b>	22m
<b>Capacities:</b>	100t @ 7m-10m, 25t @ 21m Aux 6t @ 22m - 1.5t (man riding)
<b>Hooks above main deck:</b>	Main hook: 26m Aux hook: approx. 60m
<b>Working depth:</b>	3000m

### Auxiliary crane

<b>Maker/ Model:</b>	Jiangsu Sanke Offshore YQ30/12
<b>Type:</b>	Pedestal hydraulic crane at Port
<b>Capacity:</b>	30t @ 12m

## Safety Systems

<b>Lifeboats:</b>	2 x 85 POB
<b>Life rafts:</b>	6 x 30 Men
<b>MOB/Fast rescue craft:</b>	2 x 15 POB

### FIFI system

<b>Fire pumps:</b>	2 x 2,200 m <sup>3</sup> /hr @ 130 m
<b>Fire monitors:</b>	2 x 1,200 m <sup>3</sup> /hr

## Tank Capacity

<b>Fuel oil:</b>	1400 m <sup>3</sup>
<b>Fresh water:</b>	1739 m <sup>3</sup>
<b>Ballast water:</b>	3786 m <sup>3</sup>
<b>Endurance:</b>	90 Days

## Operation Conditions

Criteria	Wind	Hs	Current
<b>DP (best case):</b>	47.2 m/s	5.9m	0.77 m/s
<b>DP (worst case):</b>	22.0 m/s	2.83m	0.77 m/s

## Control Systems

<b>DP System:</b>	Kongsberg K-POS 21
<b>DP reference systems:</b>	-2 x DGPS RONAV -2 x HiPaP -1 x Cyscan -1 x Radascan -1 x LTW

Navigation and communication systems, according to IMO requirements.

## Accommodation and Facilities

Configuration:	Current	Northern Europe
<b>1 Man cabins:</b>	10 Cabins	10 Cabins
<b>2 Men cabins:</b>	18 Cabins	48 Cabins
<b>4 Men cabins:</b>	30 Cabins	-
<b>Total POB:</b>	166 POB	106 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, Starlink VSAT and DP-PRS