

HEA Oceanic 2

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 2 is built for versatility, reliability, and performance in demanding marine environments.

General Information

Type:	Diving Support Vessel (DSV)
Design:	FOCAL 532 90M RDSV
Built:	2027
Builder:	Honghua Offshore Oil & Gas Equipment (Jiangsu) Co., Ltd
Class & Notations:	ABS A1 Offshore Support Vessel (DSV Capable, FFV 1, ROV Capable, SPS, IP), ©, AAMS, ACCU, DPS-2, HDC, BWT, ENVIRO, IHM, CRC, CR, HELIDK, MLC-ACCOM(SPS), IDM-A, RW, UWILD, SMART (INF)
Flag:	Panama
IMO:	1178244

Principle Dimensions

Length overall LOA:	90.0m
Hull length:	82.4m
Hull breadth:	23.0m
Total beam (BOA):	23.0m
Hull depth:	8.5m
Draft:	6.0m
Deadweight:	3972t
Deck load capacity:	10 t/m2 - Mez deck 2.5t/m2
Main deck area:	1100 m2 - Mez deck 300 m2

Helideck

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

Generators and Machinery

Main generator:	5 x CAT 3156C, 2250 kW @ 1800rpm
Emergency generator:	1 x CAT C9 238 kW
Diving Generator:	1 x CAT C18 525 kW
Harbour generator:	1 x CAT C18 550 kW
Water maker:	2 x 35m3/day
STP:	200 POB

Propulsion

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

Deck Equipment

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

Cranes

Main crane

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

Auxiliary crane

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

Safety Systems

Lifeboats:	2 x 90 POB
Life rafts:	6 x 30 Men
MOB/Fast rescue craft:	2 x 15 POB

FIFI system

Fire pumps:	2 x 2,200 m3/hr @ 130 m
Fire monitors:	2 x 1,200 m3/hr

Tank Capacity

Fuel oil:	1500 m3
Fresh water:	1000 m3
Ballast water:	3000 m3
Endurance:	90 Days

Operation Conditions

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

Control Systems

DP System:	Kongsberg K-POS 21
DP reference systems:	-2 x DGPS RONAV -2 x HiPaP -1 x Cyscan -1 x Radscan -1 x LTW

Navigation and communication systems, according to IMO requirements.

Accommodation and Facilities

Configuration:	Current	Northern Europe
1 Man cabins:	16 Cabins	10 Cabins
2 Men cabins:	12 Cabins	53 Cabins
4 Men cabins:	35 Cabins	-
Total POB:	180 POB	116 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