



VESSELS

Construction /  
Vertical Flexlay

Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation

subsea 7

# Seven Oceanic

## Vessel Info

*Full specification overleaf*

**Seven Oceanic** is a deepwater subsea operations vessel.

- Length 156.9m x breadth 27.0m
- Deck area 2,300m<sup>2</sup>
- Heave compensated 400t crane
- DP III class
- 1x 3,000t underdeck carousel
- DNV clean design results in low fuel consumption
- Accommodation for 140 people
- Maximum speed 17.5 knots
- Vertical lay system with 325t dynamic capacity

## Fast Facts

- Optimised sea-keeping hull for fast transit speed and low fuel consumption.
- Ice class C rating which allows for operations in both the Barents and Northern North Sea.
- 400t knuckle boom crane, with AHC available on both port / starboard sides and through moon pool area.





Seven Oceanic

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## General Information

Type Classification	<b>Construction / Flex-lay 1A1 Clean(Design) COMF(C-3, V-3) Crane DK(+) DYNPOS(AUTRO) E0 HELDK(S, H) Ice(C) NAUT(AW) SF TMON VIBR 2011</b>
Year Built	

## Principal Dimensions

Length Overall	<b>156.9m</b>
Breadth	<b>27.0m</b>
Gross Tonnage	<b>16,511t</b>

## Tank Capacities (100%)

Fuel Oil (approx)	<b>2,199.3m³</b>
Ballast Water (approx)	<b>8,864.1m³</b>
Fresh Water (approx)	<b>1,641.9m³</b>

## Power and Propulsion

Main Engines	<b>2x Wartsila W8L32 each with a capacity of 3,840kW 2x Wartsila W12V32 each with a capacity of 5,760kW</b>
Emergency Generator	<b>1x CAT 3512 producing 1,360kW / 300kW in harbour or emergency modes respectively</b>
Propulsion	<b>2x Tunnel thrusters RR Ulstein TT2,650 DPB CP, max power for each unit 1,900kW 2x Retractable azimuth thrusters RR Aquamaster UL2001 FP, max power of each unit 1,500kW 2x Propulsion azimuth thrusters RR Aquamaster Contaz 25, max power of each unit 3,000kW 1x Shaft line propeller, RR Ulstein 86XF5 – 3,700, max motor power 4,000kW</b>

## Speeds / Fuel Consumption

Maximum Speed	<b>17.5 knots</b>
Transit Speed	<b>14 knots</b>
Economic Speed	<b>11.0 knots</b>
Consumption (Eco Speed)	<b>36.0m³/day</b>

## DP Systems

DP Classification	<b>DNV DYNPOS AUTRO 3 (DP III)</b>
Type	<b>Kongsberg K-POS DP 21</b>

## Cranes

<b>Offshore Crane 1</b>	<b>400t at 15m</b>
Wire Capacity	<b>3,000m</b>
Auxiliary Winch	<b>20t single/40t double</b>
Wire Capacity	<b>2,600m single/1,300m double</b>
<b>Offshore Crane 2</b>	<b>100t at 10.6m</b>
Wire Capacity	<b>2,000m</b>
Auxiliary Winch	<b>10t</b>
Winch Capacity	<b>150m</b>

## Deck Equipment

Starboard Crane	<b>2x 3t at 15m</b>
VLS Tugger Winches	<b>2x 10t, 1x 5t, 1x 30t Constant Tension</b>
	<b>5t</b>
	<b>12t</b>

Moonpool Service Crane	
VLS Service Crane	

## Pipelaying Systems

Flexible Lay	<b>325t VLS</b>
Flex/Umbilical Storage	<b>One underdeck basket carousel</b>
Capacity	<b>3,000t</b>
Carousel Outer Diameter	<b>23.6m</b>
Carousel Height	<b>5.6m</b>
Carousel Effective Volume	<b>2,336m³</b>
Reels	<b>Capacity for 4x 360t deck reels</b>

## Moonpool

Work moonpool (No.)	<b>1</b>
Overall dimensions	<b>7.2 x 7.2m</b>

## ROV Systems

ROVs (No. and type)	<b>2x Hercules</b>
Operating Depth Rating (m)	<b>3,000m</b>

Vessel fitted with two Hercules Mk3 Work Class ROV's with AHC deployment through internal moonpools with maximum 5.5m Hs system limit.

## Accommodation

Berths	<b>140</b>
Single cabins	<b>58</b>
Double cabins	<b>41</b>
Mess Room/Rec Room	<b>1/4</b>

## Helideck

Type	<b>Marine aluminum for BSL D5-1, HCA</b>
Diameter	<b>20.9m</b>

## Ice and Winterisation

Features include hull plate strengthening. Trace heating of helideck, lifeboat, and other critical areas. Tank heating of fresh water tanks, and other measures.



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