

Normand Oceanic

Construction/
Flex-lay

subsea 7



Normand Oceanic is a deepwater subsea operations vessel.

- Length 156.9m x Breadth 27.0m
- Deck area 1,642 m²
- DNV clean design results in low fuel consumption
- Heave compensated 400t crane
- DP III class
- Accommodation for 140 people
- Maximum speed 17.6 knots
- 1 x 3,000t underdeck carousel

General Information

Type	Construction/Flex-lay
Classification	DNV 1A1, ICE C, SF, COMF-V(3), C(3), HELD-SH, CRANE E0, DYNPOS-AUTRO, NAUT-AW, CLEAN DESIGN VIBR DK(+), TMON 2011
Year Built	2011

Principal Dimensions

Length Overall	156.9m
Breadth	27.0m
Gross Tonnage	16,511t

Dynamic Positioning Systems

DP Classification:	DNV DYNPOS AUTRO 3 (DP III)
Type:	Kongsberg K-POS DP 21

Power and Propulsion

Maximum Speed	17.6 knots
Economical Speed	12.0 knots
Propulsion	
Total	19,200kW
Main Propulsion	10,000kW
Thrusters	2 x 3,000kW
Stern Propeller	1 x 4,000kW
Bow Thruster	2 x 1,900kW
Azimuth Thruster	2 x 1,500kW

Tank Capacities (100%)

Fuel Oil (approx)	2,199.3m ³
Ballast Water (approx)	8,864.1m ³
Fresh Water (approx)	1,641.9m ³

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

Accommodation

Berths	140
One Man Cabins	58
Two Man Cabins	41
Mess Room/Rec Room	1/4

Helideck

Type:	Marine aluminum for BSL D5-1, HCA
Diameter:	20.9m

Moonpool

Work moonpool	
Dimensions	7.2 x 7.2m

Cranes

Offshore Crane 1	400t@15m
Wire Capacity	3,000m
Auxiliary Winch	20t single/40t double
Wire Capacity	2,600m single/1,300m double
Offshore Crane 2	100t@15m
Wire Capacity	2,000m
Auxiliary Winch	10t
Winch Capacity	150m
Deck Equipment	
Starboard Crane	2 x 3t@15m
Tugger Winches	4 x 12t Constant Tension

ROV Systems

ROVs (No. and type)	2 x Hercules
Operating Depth Rating (m)	3,000m
ROV Comments	Vessel fitted with two Hercules Mk3 Work Class ROV's with AHC deployment through internal moonpools with maximum 5.5m HS

Pipelaying Systems

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

