DEEPOCEAN

NORMAND OCEAN

VESSEL SPECIFICATION SHEET



OFFSHORE SUBSEA CONSTRUCTION VESSEL

Normand Ocean is a high-specification subsea construction vessel designed for the safe and efficient execution of inspection, maintenance and repair (IMR) and subsea construction operations. The vessel joined DeepOcean's fleet in 2014 and combines excellent stability and station-keeping capabilities with a 915 m² working deck, a 160 Te active heave compensated (AHC) offshore crane and a 7.2 x 7.2 m moonpool.

The permanently installed subsea spread comprises two work-class ROVs, one observation ROV and an AHC module handling system rated for 40 Te in single-fall mode and 80 Te in double-fall mode. Combined with DP2 capability and de-ice notation, these features provide a flexible and robust platform for demanding subsea operations.

The vessel's ROV systems are enabled for remote operations and integration with DeepOcean's Remote Operations Centres (ROCs), facilitating real-time collaboration between offshore personnel and onshore specialists through continuous data sharing, communication and operational support.

KEY VESSEL FEATURES

- DP CLASS 2
- ROV SYSTEM READY FOR REMOTE OPERATIONS
- 2 X WROVS IN HANGAR
- 1 X OBSROV IN HANGAR
- 40 TE/ 80 TE (DOBBEL FALL) MODULE HANDLING SYSTEM (MHS) IN HANGAR
- FLUSH SKIDDING SYSTEM FOR 40 T MODULES ON MAIN DECK
- 160 TE AHC OFFSHORE CRANE
- 915 M² FREE BACK DECK AREA
- ISO LOCKS FOR CONTAINER SEAFASTENING ON DECK
- ACCOMODATION FOR 90 PERSONS TOTAL
- MARESS FUEL MONITORING SOFTWARE
- DE-ICE NOTATION
- HELIDECK

DEEPOCEAN

CLASSIFICATION

	DNV +1A1, BATTERY(POWER), CLEAN(DESIGN), COMF(C-3, V-3), DEICE, DK(+), DYNPOS(AUTR), E0, HELDK(S), ICE(C), NAUT(AW), SF, SHORE POWER DP2 -ERN 99.99.99.99
FLAG	NOR

POSITIONING

DYNAMIC POSITIONING	Kongsberg K-Pos DP-22
REFERENCE SYSTEMS	1 x CyScan MK IV 2 x DGPS (132/232) 1 x Seapath 300 2 x HiPaP 501 1 x Radius 3
MOTION REFERENCE UNITS	2 x Kongsberg Seatex MRU5 1 x Kongsberg Seatex MRU2

DECK EQUIPMENT

OFFSHORE CRANE	160 Te on single fall AHC Aux winch: 13.5 Te AHC
MHS	40 Te AHC on single fall lift mode 80 Te AHC on double fall lift mode Moonpool 7.2 m x 7.2 m

FRC AND LIFEBOATS

LIFE BOATS	2 x 50 persons Umoe Schat Harding KISS 700
RESCUE/MOB BOAT	1 x FRC/MOB boat

HELIDECK

	Helideck design for maximum take-off weight: 16 Te D-value - 20.88 Helideck monitoring

ROV

WROV	2 x 125 hp Kystdesign Supporter in hangar Launch/recovery with A-frame over the side
OBSROV	1 x Saab Seowl XTI in hangar Launch/recovery with A-frame over the side

DIMENSIONS

LENGTH (LOA)	107.4 m
BREADTH	22.0 m
DRAFT	7.1 m
DEAD WEIGHT	6 000 Te
GROSS TONNAGE	7 885 GT

DECK CAPACITIES

DECK AREA	915 m^2
DECK CARGO CAPACITY	10 Te/m^2 (Aft of frame 95) 5 Te/m^2 (Between frame 95 to L06)

PROPULSION

MAIN ENGINES	5 x 2 230 ekW Caterpillar type 3 516 TA C
THRUSTERS	2 x 3 800 kW RR AZP120, stern 2 x 1 500 kW RR TT2400, bow 1 x 1 200 kW RR (FR) UL1401 retract azimuth bow
MAIN PROPELLERS	2 x 3 500 kW RRM CP Azipull El. driven, frequency controlled

ACCOMMODATION

	PAX 90 32 single cabins 29 double cabins 2 conference rooms 8 offices (incl. 2 client offices)

TANK CAPACITIES

DRILL / BALLAST WATER	4 737 m^3
FRESH WATER	1 200 m^3
FUEL	1 450 m^3

CONSUMPTION

TRANSIT ECO 9.9 KTS	18 - 19 Te/day
DP OPERATIONS	7 - 8 Te/day
IN PORT	3 - 4 Te/day

Revision Date 29.09.2026

DeepOcean accepts no responsibility for and disclaims all liability for any errors and/or omissions in this production.

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE.