

NORMAND OCEAN

VESSEL SPECIFICATION SHEET



OFFSHORE SUBSEA CONSTRUCTION VESSEL

Normand Ocean is a multipurpose construction vessel, specifically designed for the North Sea IMR marked and joined DeepOcean's fleet in 2014. The design ensure excellent stability and station keeping, offering a large working deck and robust weather capabilities, crucial for safe and efficient subsea operations.

Normand Ocean's large working deck, combined with robust weather limitations on MHS and ROV's, together with the 160 Te offshore crane and De-ice class, results in a vessel that is flexible and fit for offshore operations in harsh environments. The selection and design of spread, equipment and workspaces, is all based on the objective to perform safe and efficient subsea operations.

Normand Ocean's accommodation and office facilities are of very high standards, creating a good working environment for offshore crew and clients.

KEY VESSEL FEATURES

- DP 2
- 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
- 1170 m² BACK DECK AREA
- ISO LOCKS FOR CONTAINER SEAFASTENING ON DECK
- ACCOMODATION FOR 90 PERSONS TOTAL
- MARESS FUEL MONITORING SOFTWARE
- DE-ICE NOTATION
- HELIDECK

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 XT1 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 1 170 m²

DECK CARGO CAPACITY 10 Te/m² (Aft of frame 95)
5 Te/m² (Between frame 95 to L06)

PROPULSION

MAIN ENGINES 5 x 2 230 kW 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 m³

FRESH WATER 1 200 m³

FUEL 1 450 m³

CONSUMPTION

TRANSIT ECO 10 KTS 18 - 19 m³/day

DP OPERATIONS 8 - 9 m³/day

IN PORT 3 - 4 m³/day