

NORMAND OCEAN

VESSEL SPECIFICATION SHEET



MULTI PURPOSE SUBSEA CONSTRUCTION VESSEL

Normand Ocean is a MT6022 multipurpose construction vessel, custom built for North Sea IMR market and joined DeepOcean's fleet in 2014.

The MT6022 design provides excellent stability and station keeping.

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 large working deck, combined with robust weather limitations on MHS and ROV's, together with the 150 T offshore crane and De-ice class, results in a vessel that is flexible and fit for offshore operations in harsh environments.

KEY VESSEL FEATURES

- 1020 M² WORKING DECK
- 160 TE AHC SUBSEA CRANE
- 40 TE MODULE HANDLING SYSTEM WITH FLUSH SKIDDING SYSTEM
- 2 X KYSTDESIGN MK2 WORK ROV IN HANGAR
- 1 X SEA OWL XTI OBSERVATION ROV IN HANGAR
- ACCOMMODATION FOR 90 PERSONS
- GENERAL WEATHER LIMITATION FOR SPREAD = 5,0 M HS
- WEATHER LIMITATION FOR OPERATION OF WROV = 5,5 M HS
- BATTERY HYBRID VESSEL WITH SHORE CONNECTION

CLASSIFICATION

	DK(+), HELDK-S, COMF-V(3)/C(3), Clean Design, ICE-C, DEICE, SPS, NAUT AW, DP II ERN: 99,99,99,99. Built in accordance to SPS Code (MSC.266(84) 13 May 2008), and according to Flag state rules
DYNAMIC POSITIONING	Kongsberg K-Pos DP-22
REFERENCE SYSTEMS	1 x CyScan MK IV 2 x DGPS (132/232) 2 x Seapath 300 2 x HiPaP 501 1 x Radius 3
MOTION REFERENCE UNITS	2 x Kongsberg Seatex MRU 5 1 x Kongsberg Seatex MRU 2

DECK EQUIPMENT

OFFSHORE CRANE	1 off 1 60 T@ 12,5 m 10 T@30 m
MOONPOOL	7,2 x 7,2 m

FRC AND LIFEBOATS

	1 off 50 men Lifeboat each side
	1 off lifeboat PS to be MOB certified
	1 off Fast Rescue Craft MOB

HELIDECK

	HELIDECK D value: 20,9 Max take-off weight: 16t
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ROV

WROV	2x Kystdesign Supporter MK2 in hangar
OBS-ROV	1 x Sea Owl XTI in hangar

PIPE LAYING CAPABILITY

	N/A
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DIMENSIONS

LENGTH (LOA)	107,60 m
BEAM	22,00 m
DRAFT, MIN/DESIGN/MAX	5,70 m / 6,50 m / 7,15 m
DEAD WEIGHT	6000 t
GROSS TONNAGE	7300 t

DECK CAPACITIES

FREE DECK AREA	1170 m ²
LENGTH	60 m
WIDTH	21 m

PROPULSION

GENERATOR CAPACITY	5 x 2230 ekW 1 x 1700 ekW
THRUSTERS	Stern: 2 x RR AZP120, 2 x 3800 kW Bow: 2 x RR TT2400, 2 x 1500 kW Azimuth (Bow): RR UL1401, 1 x 1200 kW

ACCOMMODATION

	32 single cabins
	29 double cabins
	2 conference rooms
	2 client offices
	1 ROV office
	1 survey office
	1 3rd party office
	1 survtec office
	1 OM office
	1 Deck/HMS office

TANK CAPACITIES

DRILL / BALLAST WATER	4440 m ³
FRESH WATER	1200 m ³
FUEL	1450 m ³