

ISLAND OCEAN

VESSEL SPECIFICATION SHEET



IMR, SURVEY AND ROV SUPPORT VESSEL

Island Ocean is an UT 776 CDL Offshore Subsea Construction Vessel built in 2014 and further extended / converted in 2024. The vessel 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.

Island Ocean is a vessel equipped with a 150 T active heave compensated subsea crane, capable of delivering loads to depths down to 3000 meters and is a versatile and cost-effective working platform for a broad range of demanding offshore projects, including pipe and cable laying, subsea construction, surveying and flotel – W2W.

Further to this, the Vessel is equipped with a battery pack combined with capability to receive regenerated energy from the ROV winches.

KEY VESSEL FEATURES

- APPROX 900 M2 WORK DECK
- 150 T AHC SUBSEA CRANE WITH 3000M WIRE
- ACCOMMODATION FOR 83 PERSONS
- INTEGRATED LARS HANDLING SYSTEM WITH ELECTRIC AHC WINCHES FOR WORK ROV IN ENCLOSED HANGARS
- WEATHER LIMITATION FOR OPERATIONS OF WROV= 4.5 MH
- UNDERDECK TANK CAPACITY FOR MEG/BRINE

CLASSIFICATION	
	1A1 OFFSHORE SERVICE VESSEL, Clean(Design), Strengthened(DK) DYNPOS(AUTR), EO, HL(2.5), Ice-C, NAUT(OSV), SF, SPS2008 COMF(V-3), HELDK (S,H)
DYNAMIC POSITIONING	Marine Technologies
REFERENCE SYSTEMS	2x DGPS Cyscan RadaScan Radius 2x HIPAP 502 (Cymbal)

DECK EQUIPMENT	
OFFSHORE CRANE	TTS GPOKac 3200-150-30 Main: 150Te@12m, 3000m AHC/CT AUX 10Te@30m, 1000m, AHC/CT
DECK CRANE	2 x 3Te@12m, manriding
PROVISION CRANE	2Te@10m
UTILITY STATION	230V & 440V (redundant supply)

FRC AND LIFEBOATS	
FRC	Mare Safety GTC 700
LIFEBOATS	2 x Solas approved, 43 passengers

HELIDECK	
	D-value 26.1 m Take off weight: 16T Certified in accordance with: NMA, Solas II-2/18, CAP 437, CAA-UK, ICS guidance to Helicopter/Ship operations

ROV	
	2 x Constructor ROV's in enclosed hangar
	2 x Ulmatec LARS (Overside A-frame), 5000m umbilical capacity
	Mezz. Deck for optional OBS ROV

TANK HANDLING CAPACITIES	
DRILL / BALLAST WATER	100 m³/h
MEG / BRINE	100 m³/h @ 24 bar
FRESH WATER	200 m³/h
FUEL	200 m³/h

DIMENSIONS	
LENGTH (LOA)	107,4 m
LENGTH (LOA W/HELIDECK)	116,3 m
BEAM	20,0 m
DRAFT, DESIGN	6,2 m
DRAFT, MAX	6,7 m

DECK CAPACITIES	
FREE DECK AREA	900 m²
LENGTH	53,4 m
WIDTH	16,8 m
CAPACITY	10 Te/m²

PROPULSION	
GENERATOR CAPACITY	2 x RRM Bergen C25:33L9A 2880kW 2 x RRM Bergen C25:33L6A 1920kW
THRUSTERS	2 x RRM Ulstein Aquamaster OAZP 120 CP -2200kW 2 x RRM Kameva Ulstein TT 2200 DPN CP -883kW 1 x RRM Ulstein Aquamaster TCNS 73/50 -180 -883kW

ACCOMMODATION	
SINGLE CABINS	51
DOUBLE CABINS	16
	1 x Conference room 1 x client office 7 x project offices 1 x online room (ROV, Survey, 3 rd Party)