

# 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
- ROV SYSTEM READY FOR REMOTE OPERATIONS
- 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 m<sup>3</sup>/h

**MEG / BRINE** 100 m<sup>3</sup>/h @ 24 bar

**FRESH WATER** 200 m<sup>3</sup>/h

**FUEL** 200 m<sup>3</sup>/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 m<sup>2</sup>

**LENGTH** 53,4 m

**WIDTH** 16,8 m

**CAPACITY** 10 Te/m<sup>2</sup>

## PROPULSION

**GENERATOR CAPACITY** 2 x RRM Bergen C25:33L9A 2880kW  
2 x RRM Bergen C25:33L6A 1920kW

**THRUSTERS** 2 x RRM Ulstein Aquamaster 0AZP  
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<sup>rd</sup> Party)