



# OCEAN CONSTRUCTOR

## 126 m DP-2 Multi-Purpose Construction and Subsea Vessel



### Preliminary Specifications

#### Main Characteristics

Length Overall	126m
Length between pp	116m
Beam	24.5m
Moulded Depth	11.3m
Operating Draft	7.27m
Gross Registered Tonnage	9649 Te

#### Capacities

Open Cargo Deck Area	1,650 m <sup>2</sup>
Deck Strength	10t/m <sup>2</sup>
Deck Length	70m
Fuel Oil (@96% Full)	1,769m <sup>3</sup>
Fresh Water	325m <sup>3</sup>
Lube Oil	1662 m <sup>3</sup>
Ballast Water	1,721 m <sup>3</sup>
Heeling Tank	1,885 m <sup>3</sup>
Flume Tanks	835 m <sup>3</sup>

#### Dynamic Positioning System

Kongsberg DP – 2 Redundant Positioning System	
1 x HiPap	
3 x Dual DGPS	
1 x Laser fan beam	

#### Propulsion

FWD	2 x 1,100kW Tunnel
FWD	1 x 1,200kW AZI
AFT	2 x 1,100 AZI
AFT	1 x 4,400 Main Prop

#### Accommodation

Fully Air-conditioned  
Accommodations for 200 PAX, Expandable

#### Performance

Max Speed	11.7 knots / Service Speed 10 knots
Bollard Pull	96 Te

#### Lifesaving

Lifeboats	2 x 50 person
	2 x 69 person
Life rafts	9 x 25 person
	1 x 20 person

#### Power and Systems

5 x 2,650 kW Nohab  
3 x 1,260 kW CAT  
5 x 2,500 kW NEBB  
Total Power production 12,600k

#### Deck Equipment

Offshore Crane 1:	300t pedestal crane.
Auxiliary Forward Crane 2:	25t
Helideck designed for 9.3t takeoff weight	
Shelter deck:	8m clearance, 316 m <sup>2</sup>
ROV	2 x 2500msw Triton
15t Fast Winch	2,600m depth
Max Wire Length	420m
Below Deck:	2500 T/Carousel

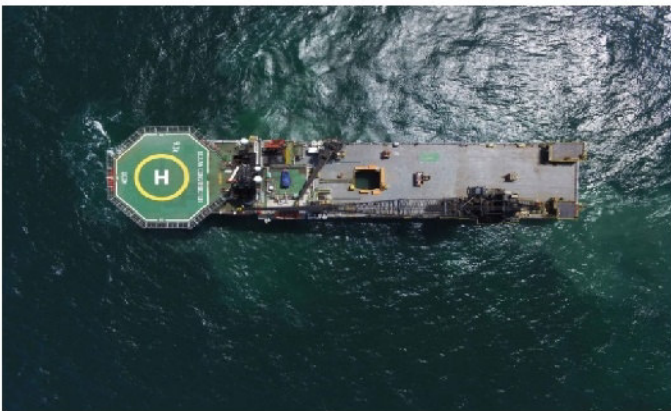


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### Registration

Year Hull Built	1980
5 Year Complete	2016
Flag	Vanuatu
Class	DNV
Notations	DNV1A1, DYNPOS-AUTR, EO, HELDK



### ROV's Capabilities

Dual, advanced 2,500 m Triton XL Work Class ROV's.  
One Triton XL deployed cursor deployment system with active heave comp. through moonpool.  
Second Triton XL deployed by heavy duty A-frame Moonpool Launch and Recovery System (Lars)  
Integrated A-Frame and Winch Lar.  
Built in control room close to the ROV moonpool for operation of both ROV's.  
Built-in workshop and store within the moonpool area for spares/tool and consumables.

