

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

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

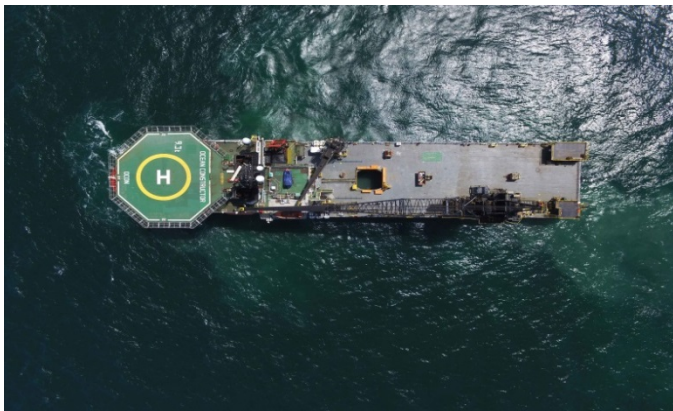
Offshore Crane 1: 300t pedestal crane.
 Auxiliary Forward Crane 2: 25t
 Helideck designed for 9.3t takeoff weight
 Shelter deck: 8m clearance, 316 m²
 ROV 2 x 2500msw Triton
 15t Fast Winch 2,600m depth
 Max Wire Length 420m
 Below Deck: 2500 T/Carousel

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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.

