



# Light Diving Craft

- NORSOK/IMCA/MCA/DNV
- Nitrox Dive System
- Harsh Environment Design
- High Stability
- Dynamic Positioning
- Ergonomic

LDC Venturer is our most advanced dive craft that set a new industry standard.

This state of the art dive craft is a culmination of lessons learned from 10 years of offshore LDC operations, and provides added capabilities to clients on the Norwegian continental shelf as well as for international clients.



SubseaPartner



## GENERAL INFORMATION

Vessel Built: Maritim Partner  
Model: Alusafe 1350  
Vessel Design: DNV Craft Standard  
Dive System Built: IHC-Hytech / Fathom System  
Dive System Design: IMCA D-040 / Norsok U-100  
Classification: MCA  
Port: Haugesund

## DIMENSIONS & CAPASITIES

LOA: 14 m  
Breadth, moulded: 3.6 m  
Breadth, hull: 3.2 m  
Vessel Weight: 13 t  
Draft: 0,7 m

## MACHINERY

Main Engines: 2 x 435 HK Volvo Penta D6-435  
Fuel Capacity: 2 x 400 ltr  
Propulsion: 2 x 292 Hamilton Water-jet  
Gear: ZF 220  
Speed: 33 knots (27 knot cruising speed)  
Manoeuvring: Hamilton Blue Arrow manoeuvring system  
Position Keeping: Hamilton Jet Anchor GPS positioning system  
Vessel stability: Seakeeper Gyro Stabilizer.  
Hydraulics 1: Regulated PTO for subsea tools  
Hydraulics 2: A-frame operation & HP washer

Caviblaster: 1 x Hydraulic driven HP water cleaning system  
Fresh Water Tank: 100 ltr (Hot & Cold water)

## ELECTRICITY

Onboard Generator: 1 x 230 single phase - 11,2KW/50HZ MASE  
Onboard power distr: 24V & 230V  
Shore power: 230V & 110V  
UPS Dive system: Min 30 min duration

## RECOVERY SYSTEMS

LDC Recovery Point: 15 tn single lifting point roof mounted  
LARS: Vestdavit PAP-1500 15 ton davit system  
Ladder: Vessel dive ladder, port, starboard or aft.  
A-Frame: Hydraulic operated SWL 500kg.  
Port & Stbd davit : Convertable system for down-line or diver recovery

## SAFETY SYSTEMS

Medical/aid: DMAC -015 / Norsok U103 first aid kit  
Oxygen: OXY-BOX 10 litre  
Stretcher: 4 point lifting stretcher  
Diver Recovery: Both davit arms and A-Frame  
Vessel Safety: As per regulations.

## NAVIGATION EQUIPMENT

Furuno Navtex NX-700-B  
TimeZero professional  
Furuno TZT9/14/BB Plotter  
Furuno Radar DRS4D-NXT 60cm  
Furuno Navpilot-711C  
Furuno Satellite-compass SC 70  
Pro AIS2 B 100  
Furuno LH-5000 Loudhailer  
Furuno Digital echo sounder DFF1  
Furuno transducer SS60

## VESSEL CCTV SYSTEM

Onboard CCTV system can be operated from both pilot and dive panel position

6x CT-2004SSH IR camera  
1x Blackbox DVR  
1x SCV-5083PR PTZ Camera

## GENERAL COMMUNICATION SYSTEM

Sailor VHF 6222 Class A DSC with external loudspeaker on deck

1x Jotron Eprib 60GPS  
1x Jotron AIS-SART  
2x Sailor SP 3520 Portable VHF  
1x Huawei B525s 4G router  
1x Comrod Multiband antenne

## DIVE SYSTEM

Dive panel:  
NITROX 3 diver panel.  
Flow-rated acc NORSOK req (67,5 ltr)  
Normal and emergency Breathing Supplies to each diver

## Electrical:

Diver video and parameter monitoring  
Deck monitor  
Client Monitor  
Fathom Divers HD video system  
Fathom Diver Monitoring System  
Digital Pneumo depth gauges  
Digital onboard gas reading, both main and back up gas  
Digital Bailout pressure reading on dive panel  
Diver DVR 30 days capacity  
O<sup>2</sup> Analyser  
CO<sup>2</sup> Analysers  
Fathom Digital diver communication system  
Main & back up radio  
Deck Speaker  
Emergency UPS 30 min capacity

## Gas Banks:

Diver 1 main gas 4 x 50L x 200 BAR (Nitrox)  
Diver 1 back up 1 x 50L x 200 BAR (Air)  
Diver 2 main gas 4 x 50L x 200 BAR (Nitrox)  
Diver 1 back up 1 x 50L x 200 BAR (Air)  
Diver 3 (St,by) main gas 1 x 50L x 200 BAR (Nitrox)  
Diver 3 (St,by) back up 1 x 50L x 200 BAR (Air)  
Ext Supply (40 Bar Nitrox) All divers 2 x 50L onboard buffer cylinders.

## Piping:

Stainless Swaagelok Oxygen compatible

## Umbilicals:

Fibron, 4 part

## Helmets:

Superlite 97

## Bailout system:

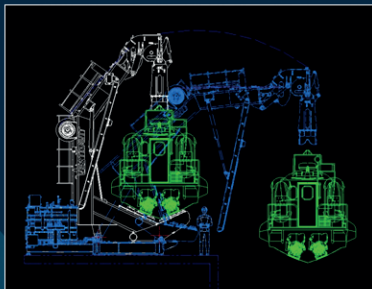
10L / 300 BAR

## Harness:

Diver recovery harness.



# Light Diving Craft Davit



## LDC VENTURER DAVIT

**Maker :** Vestdavit

**Type/model:** PAP-15000

**Single point lift**

**WLL:** 15 ton

**Weight:** 25 ton

**Dimensions (mm):** 8082 x 6035 x 3800

**Power:** 136KW-440V-60Hz

**Solas 74 / IMO, MSC 81**



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# DDC 02

Deck  
Decompression  
Chamber

Maker :  
IHC Hytech  
Delivered 2019

Twin Lock  
1800 Diameter

Lloyds Approved  
/design  
IMCA D023 &  
Norsok U100  
Compliant



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