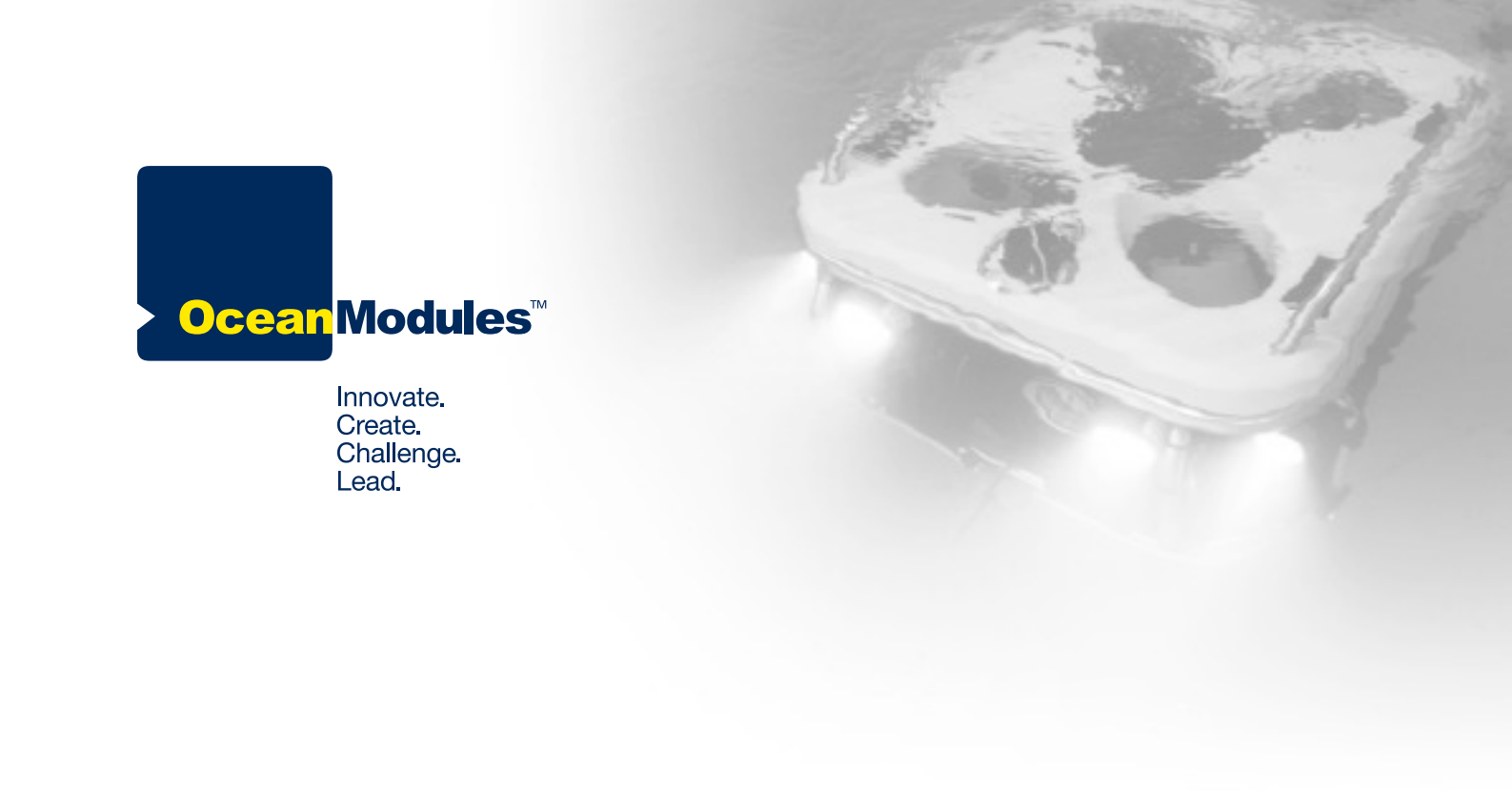


OceanModules™

Innovate.
Create.
Challenge.
Lead.

V8 Offshore

The Future of Underwater Technology

Founding members of the Ocean Modules team invented the six degrees of freedom concept for underwater vehicles 30 years ago.

In the years since, the technology has been put to use all over the globe, from conquering both the North Pole and South Pole through research expeditions, to protecting the borders of Australia and China to supporting existing and emerging energy markets in Norway and Russia.

Underwater exploration, intervention and reporting has never been easier, faster, cheaper or safer.

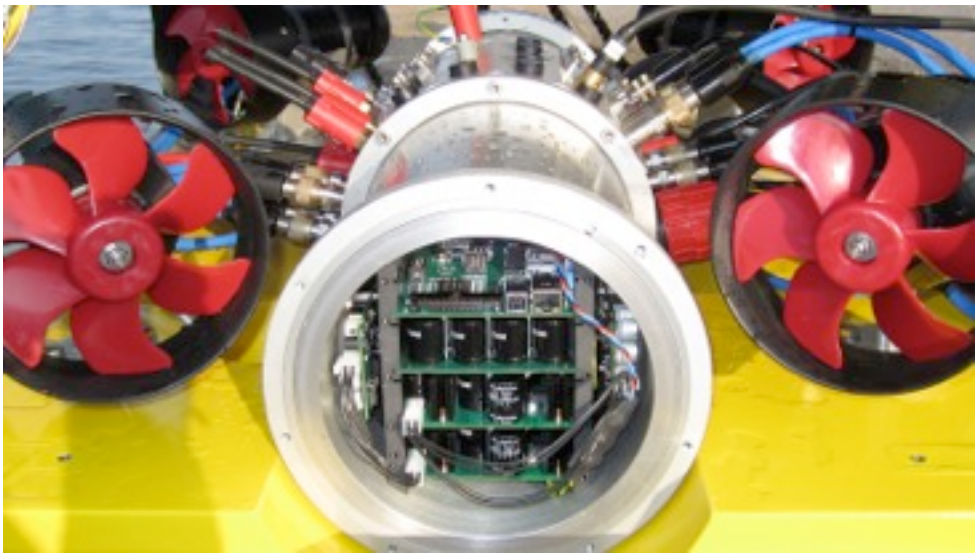
V8 Offshore ROV

The Future of Underwater Technology

The V8 Offshore represents a quantum leap forward for the underwater industry. Taking the concepts that made the V8 Sii a success such as modularity and the 360° control system one step further, adding more power, a 3000 meter depth rating, modular peripheral integration, redundancy, remote software updates and Gigabit Ethernet high-speed data communication, has resulted in truly reliable third-generation ROV technology.

Unlimited Sensor and Tool Integration

Every part of the V8 Offshore ROV, from the control system and data interfaces to the physical connectors, junction boxes and buoyancy foam, has been carefully designed to provide maximum potential for expansion. Paired with the patented SPOT.ON software which starts recording of all sensors with the touch of a button, data collection, review, analysis and reporting has never been faster or easier.

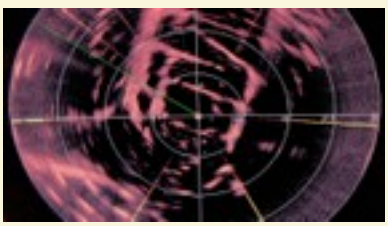


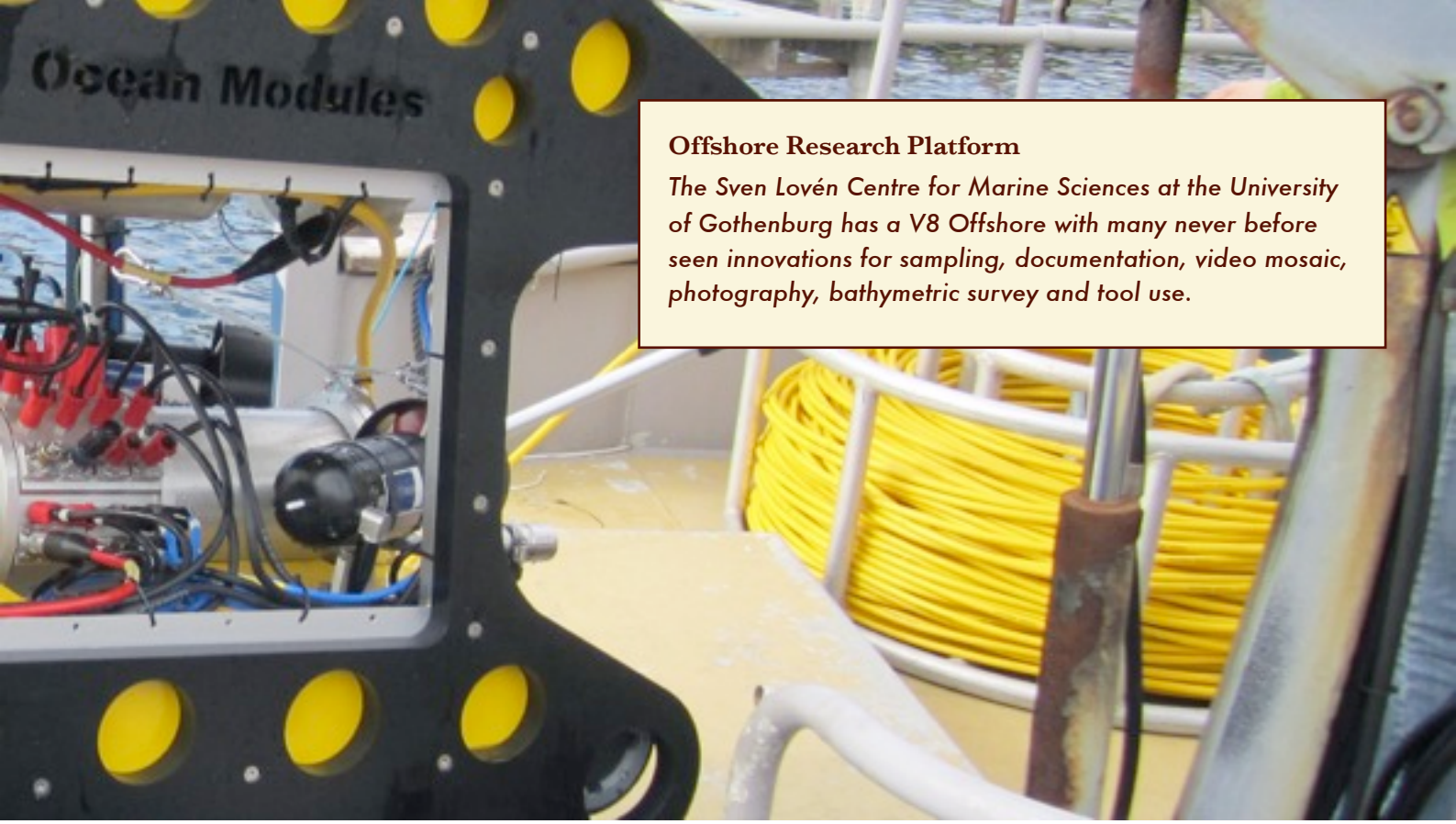
Reliable Survey Platform

Survey operator DeepOcean Norway has used prototypes of the new V8 Offshore for work in the North Sea over a period of three years.

The design has been altered and perfected many times in response to user feedback to provide the best possible survey platform.

Special care has been taken to fine-trim serviceability, interface capabilities power and speed.





Offshore Research Platform

The Sven Lovén Centre for Marine Sciences at the University of Gothenburg has a V8 Offshore with many never before seen innovations for sampling, documentation, video mosaic, photography, bathymetric survey and tool use.

Effective Module Swap Insurance

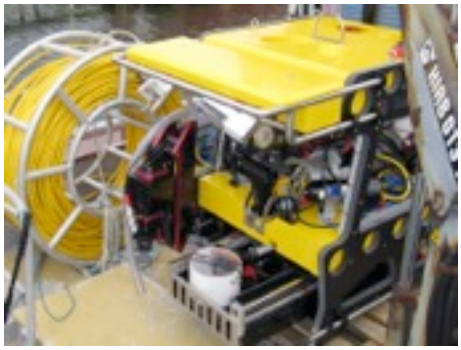
At Ocean Modules all ROV systems are built with the concept of individually sealed and monitored modules in mind. A module requiring maintenance is easily removed and replaced by disconnecting a few connectors.

A unique support program only made possible by the modular concept means that a vehicle requiring service can be up and running again in a matter of minutes. The failed module is shipped back to Ocean Modules, where it is immediately replaced with a fresh unit. All repairs not relating to operational damage are covered by a low annual fee.

Total Cost of Ownership

Ocean Modules is a solution provider, taking full responsibility for specification, custom design, sensor and tool integration, production, documentation, delivery, training, service and maintenance.

Taking into account the increased productivity that shorter downtime and simplified operation leads to, the V8 Offshore is an extremely cost-effective system for any underwater job requiring specialized tools and sensors or operation beyond depths of 1000 meters.



Revolving Compartment

Permanent Containers

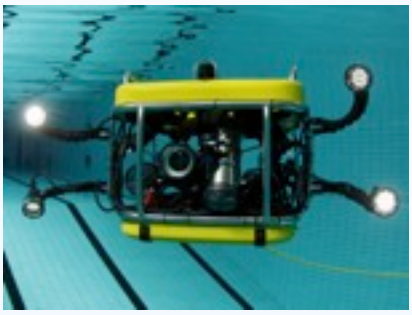
Custom Nozzles

Sample Tray

The smart skid system can be set up for specialized research tasks in minutes.

Experience-based Learning

Ocean Modules provides a comprehensive range of practical and theoretical training courses for operators.



Maintenance Training

A basic preventative maintenance and field repair course is provided with each ROV sale.

Customer Care

Ocean Modules provides a complete solution for ROV management, from requirement analysis to aftermarket service and support.

Ocean Modules V8 Offshore ROV Specification

	Standard	Options
Depth	2000 m	3000 m
Dimensions	1100/800/900 mm	
Control System	360° Freedom	
Speed	2.5 knots	variable
Weight in Air	270 kg	variable
Payload	20 kg	40 kg
Video	2x analog	4x analog, 2x HDSDI
Ethernet	2x Gigabit	5x Gigabit
Serial	–	32x RS232/RS485
Comms	–	32x analog/digital
Manipulator	1F	5F
Illumination	4x LED 24V	4x LED 24V, 4x LED 300V
Thrusters	8x T150	–
Umbilical	3000 m single mode fiber-optic	
Input Power	12 kW (400V)	
Power Unit	1000/1000/480 mm, 130 kg	
Control Unit	430/125/430 mm, 4 kg	
Pilot Unit	240/130/180 mm, 2 kg	

Errors and Omissions Excepted

Customer Satisfaction is Always our First Priority

One of our favorite customers had this to say about us:

"It is a testament to your design and implementation that the V8 has proved so reliable and commercially successful for us. Since I was in Sweden in October we have done six major campaigns of about 3-4 weeks each, and not suffered a single significant failure other than a flooded light. My only reservation in fully recommending the vehicle is that it might push me back in the queue for the next one."

Please contact us for a product introduction or visit our website for a video demonstration. We would be thrilled to hear what specific problems we might be able to solve!

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