

EUROPEAN SEAGLIDER™ SUPPORT CENTRE



KONGSBERG



SEAGLIDER™ SUPPORT

Kongsberg Maritime's purpose built Marine Robotics Laboratory in Aberdeen now supports Seaglider™ customers and has the capacity to perform full vehicle refurbishment and testing services, repairs and ballasting.

With a large number of Seaglider™ users in the European region this centre greatly enhances our ability to support our customers locally and they no longer have to ship vehicles to the United States for maintenance service, saving significant time, effort and money.

AVAILABLE SERVICES

Seaglider™ Refurbishment

Full refurbishment of Seaglider™, including; replacement of primary and secondary lithium batteries, detailed inspection and maintenance of electronics and hardware, firmware upgrade and compass calibration.

Vehicle Ballast and Testing

Prepare the Seaglider™ for deployment by ballasting the vehicle and obtain a fully updated trim-sheet and initial parameters for piloting. Perform full system tests and evaluation of results.

Repairs

Conduct system repairs and corrections to a Seaglider™ that has sustained damage or is unfit for operations.

Sensor Calibration

Ensure the sensors being used on Seaglider™ are providing the most accurate results by having them regularly calibrated.



Grounding Upgrades

Upgrade the Seaglider™ to the new grounding system and anodic protection to greatly reduce corrosion during deployments.

Sales

A range of Seaglider™ spares and specialised sensors are available.

Rental and Piloting Support

In 2016 seagliders will be added to Aberdeen's rental pool and each can be fitted with a range of sensors

tailored to our customer's requirements. Sensor options are available on request.

We can also offer a short or long term piloting service should your operators need the support on either rental or third party Seaglider™ deployments.

Contact:

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THE SEAGLIDER™ ADVANTAGE

Seaglider™ has revolutionized the way that oceanographic data is collected. Its novel method of propulsion uses very little energy. In addition, the vehicle has been meticulously designed to be as efficient as possible. The system is modular and can accommodate many kinds of sensors depending on the application, including:

- Physical, chemical or biological oceanography
- Tactical oceanography
- Environmental monitoring
- Data gateway
- Storm monitoring
- Intelligence, Surveillance and Reconnaissance
- Navigation aid
- Active acoustic monitoring of biologies
- Passive acoustic monitoring of biologies
- Current profiling
- Tracking and data capture from acoustic tags



FEATURES

- Extended duration deployment, up to 10 months
- Low capital cost
- Deployment costs are significantly less than traditional means of obtaining the data that is gathered
- Resulting data provides good temporal and spatial scales not possible with research vessels or traditional AUVs
- Data is retrieved in near real time via satellite telemetry
- Vehicle is piloted remotely via the internet and satellite link
- Detailed flight model allows estimation of depth averaged current
- Robust design with no external moving parts



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