



## Site Characterisation

Vast industry knowhow combined with leading-edge technology, capturing and delivering the highest quality data to inform and de-risk your projects.



# Your trusted partner of choice

In response to growing client demand, we offer a comprehensive suite of integrated site characterisation solutions, delivering critical insights about seabed, sub-seabed and environmental conditions, guiding the layout and cost-effective design of offshore wind farm developments, and supporting engineering decisions.

Through state-of-the-art data collection and in-house analysis, we help our clients mitigate risk and ensure the long-term performance of their assets, eliminating uncertainty about subsea site conditions.

Our technical studies and surveys deliver the highest quality data sets that provide a thorough understanding of offshore wind development areas and cable routes, enabling informed decisions and the de-risking of complex projects.

Furthermore, our innovative survey solutions also support the conservation of the marine environment and the sustainable development of large marine assets.

## Why Rovco?

- Specialists in delivering winning survey solutions, driven by our deep knowledge of the offshore wind sector.
- Fit-for-purpose solutions designed to dramatically increase efficiency across projects, lower emissions, and deliver the highest quality data capture and reporting.
- Industry-leading data sets, delivering an unrivalled level of perspective, accuracy and coverage.
- In-house project management and data processing.
- Successful, safe operations at over 50% of the UK's operational offshore wind farms.
- The latest remote and unmanned survey technologies, enabling more efficient working across operations.

# Multipurpose DP2 Survey Vessel



Our dedicated multipurpose DP2 survey vessel, the Glomar Supporter, has a proven track record of safe and efficient operations, and has been meticulously tailored to deliver a versatile and superior quality spread for consistent, industry-leading data capture and reporting.

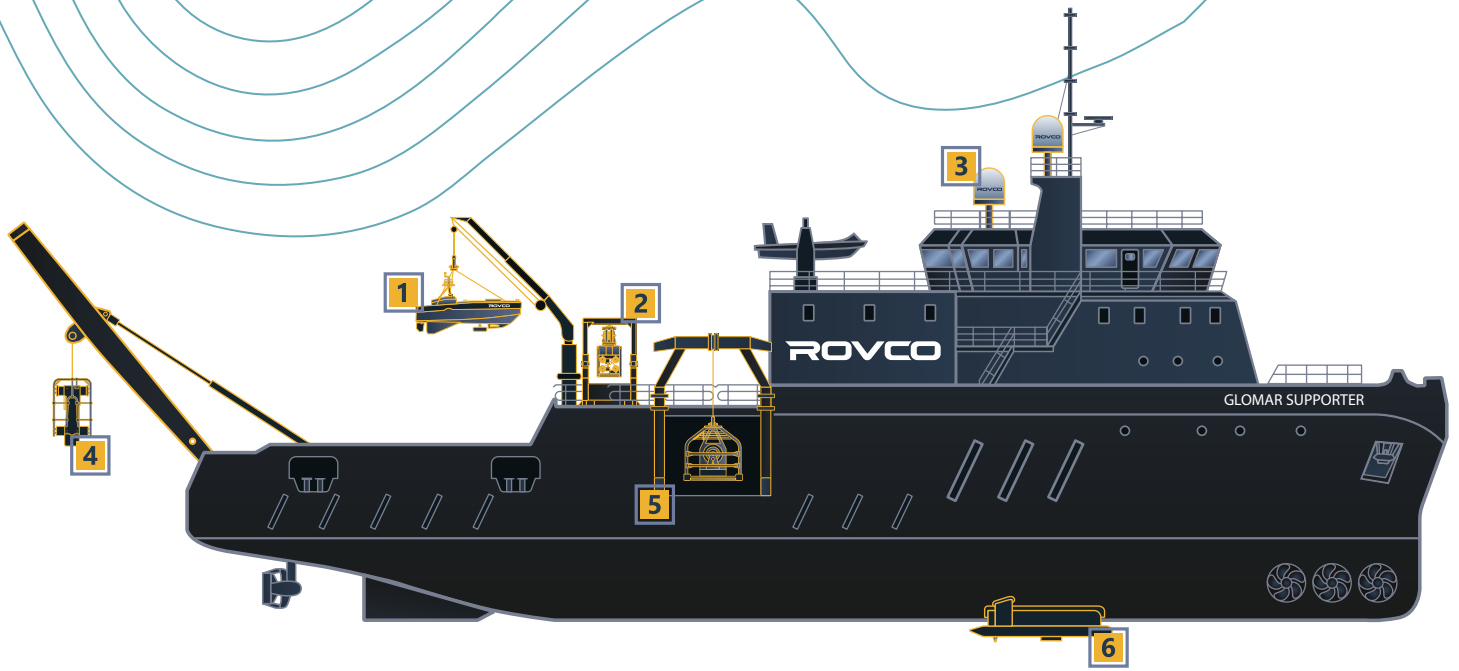
Differentiated by technology and equipment, the vessel provides synergistic working and flexibility of sensor deployment. With a USV onboard, it is fully equipped to deliver simultaneous data collection with instant upload, as well as a Work-Class ROV for concurrent inspection activities.

Equipped with advanced DP2 station keeping capabilities, the vessel is purposefully designed to cater to the unique demands of offshore wind development areas, providing the stable platform required to deliver technical studies, surveys and investigations in challenging marine environments.

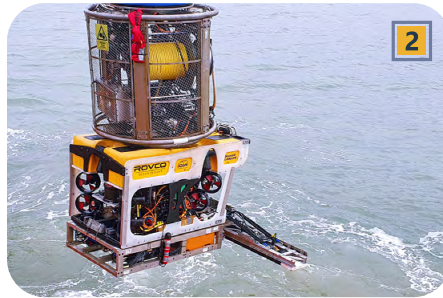
Newly refurbished, with an overall length of 60 metres, 15.6 metres width and a draft of 3.5 metres, the Glomar Supporter is the ideal vessel to deliver a complete package of survey solutions, bringing unrivalled efficiency to offshore operations.



- Long-term (3 year+) charter of multipurpose DP2 vessel.
- Dedicated survey vessel, delivering a versatile and superior quality spread for consistent, industry-leading data capture and reporting.
- Differentiated by technology and equipment to provide synergistic working and flexibility of sensor deployment.
- A multi-tasking survey vessel that can deliver a broad range of solutions from a single mobilisation.
- Bringing unrivalled efficiency and lower operating costs.
- Substantial deck space to accommodate containerised lab facilities for our environmental partners to commence cursory studies offshore, as well as freezer containers for sample storage.



USV onboard for simultaneous data collection with instant upload to vessel, including MBES (R2sonic 2026-V MBES), SSS (EdgeTech 4205) and USBL (Sonardyne Mini-Ranger 2). Ability to run infill, nearshore and inshore surveys on its own, in parallel with mothership.



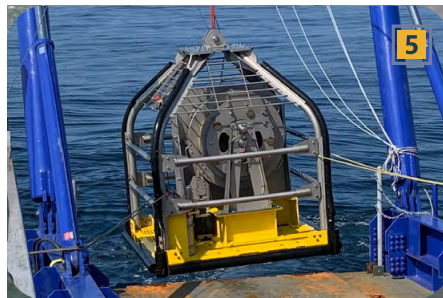
Work-Class ROV, enabling detailed surveys of areas of interest such as inspection of cable crossings, or archaeological surveys. Deployment with Pilot Assist / RPL following capability.



Dedicated data link enables fast comms to shore for reporting efficiency via data platform and remote ops.



Equipped to deploy towed sensors such as SSS, ROTV or 2D-UHR.



CPT launch for reliable, versatile and efficient sampling of in-situ soil conditions.



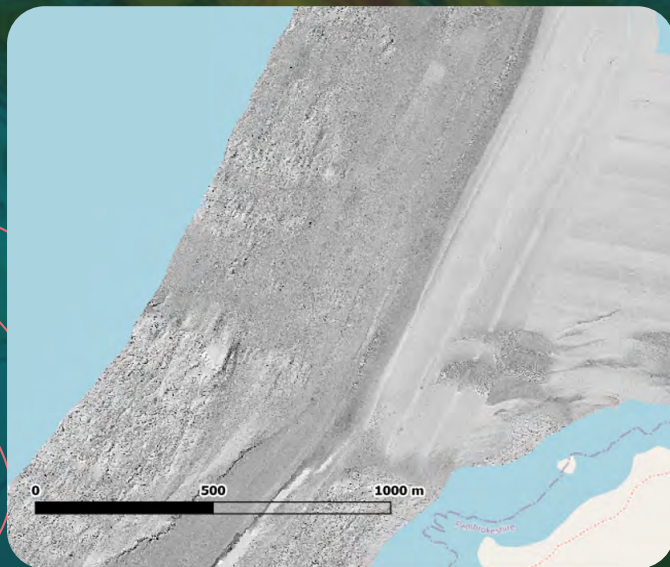
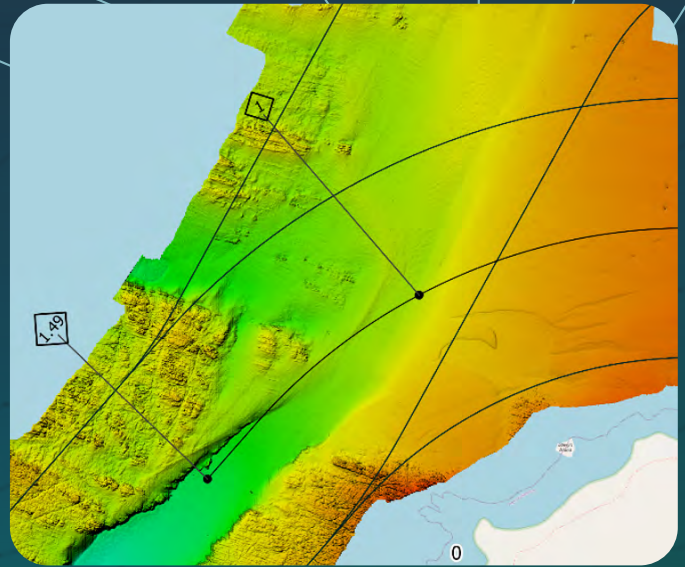
Hull mounted survey sensors enable high quality, repeatable MBES (2x R2sonic 2026) and SBP (1x Innomar Medium-100) data collection.

# Solutions

## Hydrographic Survey

Whether you are planning a new offshore wind farm development, or monitoring existing infrastructure, understanding bathymetry is a vital task. Failure to track seabed morphology can lead to over-budgeting of infrastructure requirements, or increased costs from remediating defects due to unsuitable foundations or poorly designed cable routes.

We perform seabed mapping from nearshore and hazardous shallow water to deep water environments, using a range of hydrographic surveying methodologies, including multibeam bathymetry, side scan sonar, sub-bottom profiler, 2D-UHR and magnetometry surveys.



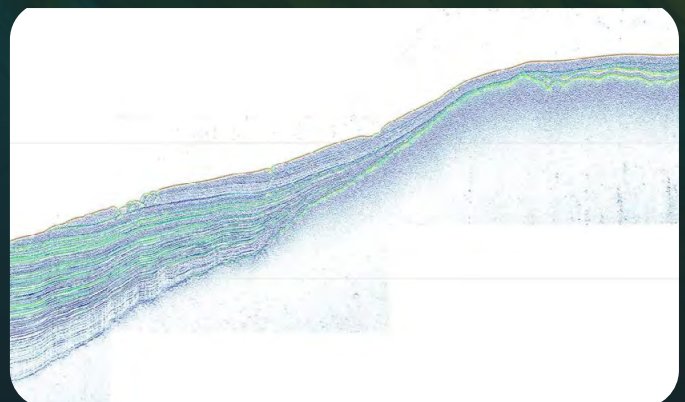
Operated by our highly experienced team of hydrographic surveyors, our innovative solutions are tailored to meet your quality, sustainability, schedule, and cost requirements. Supporting site consenting, pre-construction and cable route surveys, our survey solutions accelerate the acquisition of industry-leading hydrographic data.

- Bathymetric surveys
- Debris surveys
- Fixed and floating foundation surveys
- Cable route and depth of burial surveys
- Unexploded ordnance investigations
- Environmental surveys
- Marine archaeological investigations

## Geophysical Survey

Conducting geophysical surveys at the design and planning stages of your project helps to identify and mitigate hidden hazards which could be faced by offshore project teams and contractors.

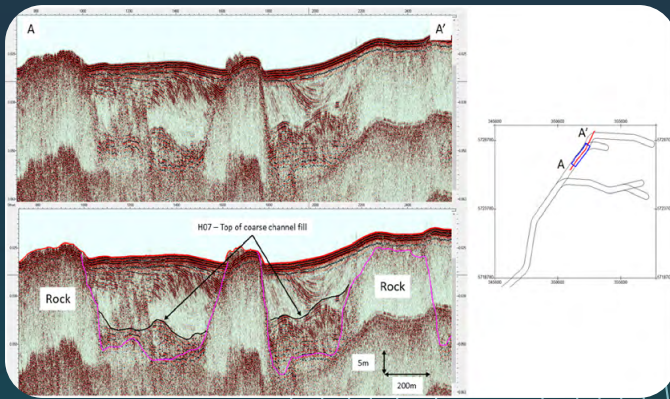
Supporting your offshore wind development activities, we deliver geophysical survey solutions at all water depths, minimising project risk, improving safety and facilitating the route and project design for offshore developers.



## Seismic Survey

We utilise 2D Ultra High Resolution (2D-UHR) seismic survey technologies, providing a detailed picture of sub-bottom structures and shallow sub-surface seismic stratigraphy, which can play an important part in offshore wind farm foundation studies.

Our expertise in seismic data interpretation provides offshore site developers with critical insights required for positioning new turbines securely on the variable sediments and mobile sea floor, helping to reduce costs and extend the lifespan of offshore wind infrastructure.



## UXO Identification & Clearance

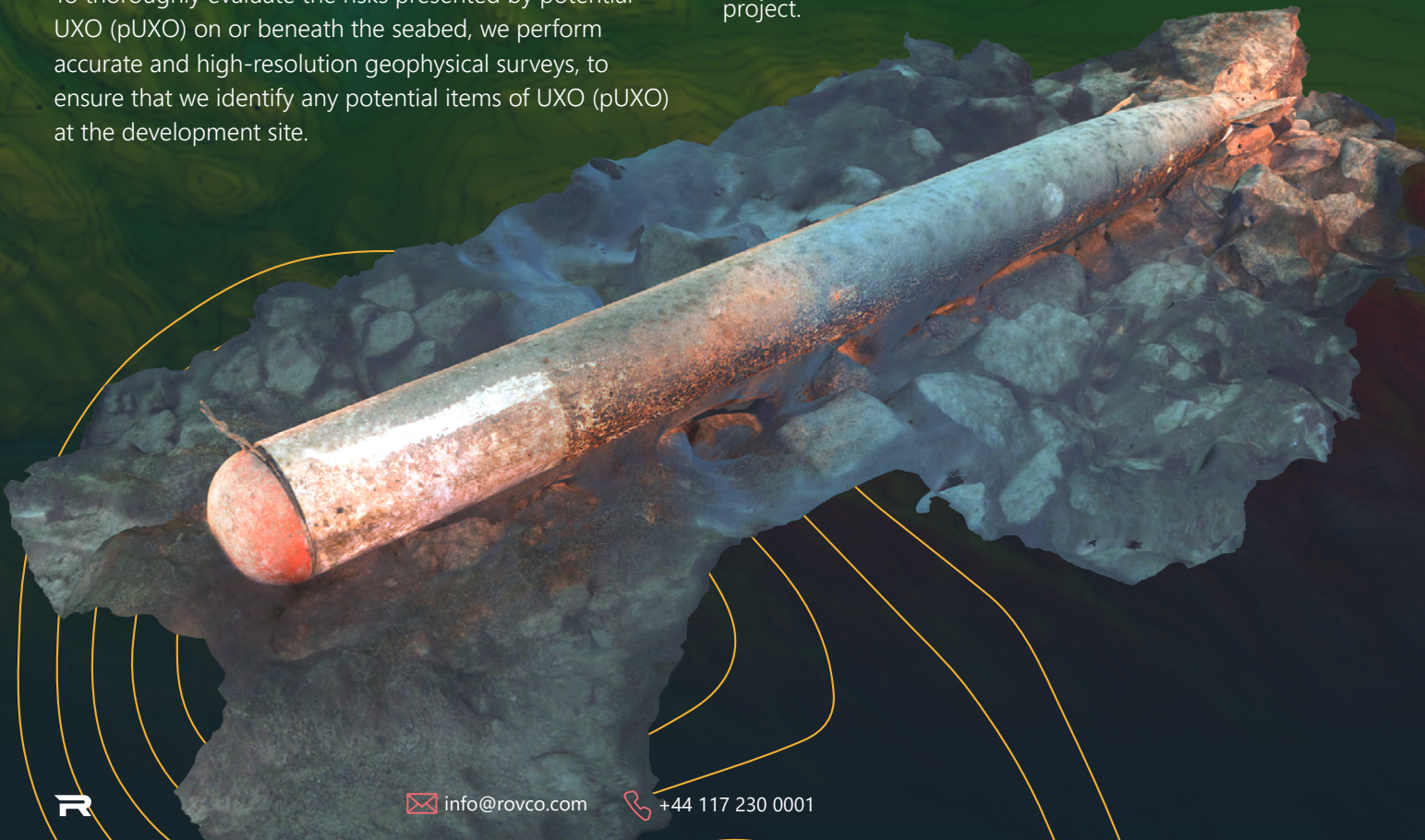
Unexploded ordnance (UXO) continue to pose a real risk to site developers, contractors and asset owners, even after decades of inactivity.

We are experienced in identifying, investigating and mitigating hazards with precision and expediency.

To thoroughly evaluate the risks presented by potential UXO (pUXO) on or beneath the seabed, we perform accurate and high-resolution geophysical surveys, to ensure that we identify any potential items of UXO (pUXO) at the development site.

Leveraging our suite of industry-leading technology and advanced equipment, our team of experts can identify magnetic gradients and anomalies with precision, as well as sub-bottom profiles, enabling the detection of both ferrous and non-ferrous UXO contamination.

Through our commitment to excellence and use of innovative methodologies, we ensure that the identification of pUXO is an efficient and highly accurate process, safeguarding all stakeholders involved in the project.

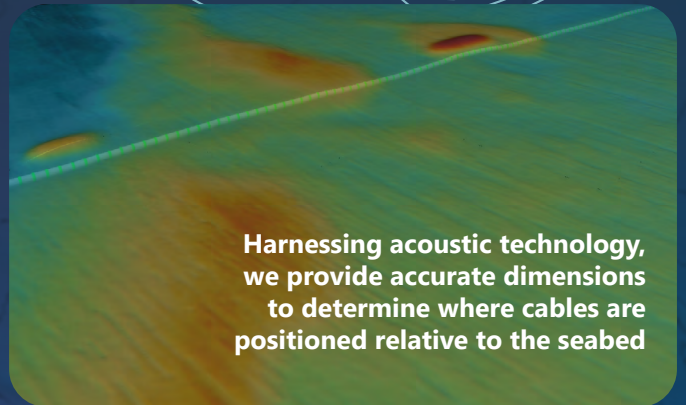
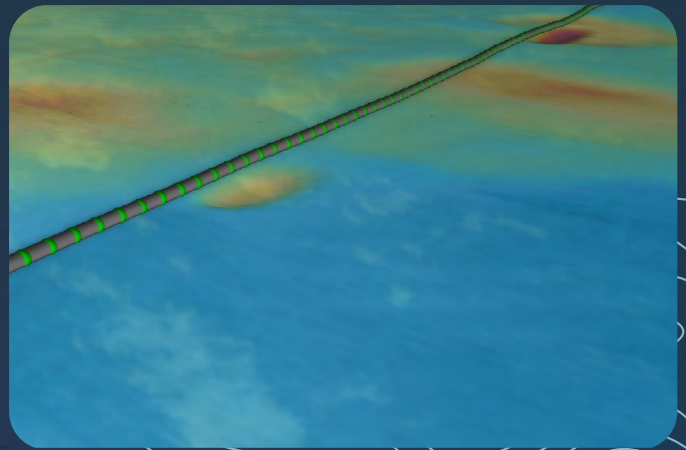


## Cable Route Planning

Eliminating uncertainty about offshore subsea site conditions, we help our clients mitigate risk and ensure the long-term performance of their assets. Our technical studies and surveys deliver insights that provide a thorough understanding of offshore wind development areas and cable routes, guiding layout and design.

We specialise in conducting thorough pre-lay surveys, incorporating state-of-the-art geophysical and geotechnical equipment, accompanied by thorough video inspections. Our ultra high-resolution data enables our clients to assess seabed conditions accurately before cable installations take place.

At Rovco, we recognise the criticality of these surveys in ensuring the successful deployment and ongoing operation of offshore wind farms. With our expertise and cutting-edge technology, we deliver comprehensive and reliable cable route planning solutions, helping our clients to make informed decisions, and maintain the efficiency and reliability of their offshore wind installations.



## Marine Environmental

In supporting the planning, consenting and development and environmental protection across new offshore developments, we understand the importance of recording and monitoring the complete environment. That is why our integrated survey capabilities are designed to combine the acquisition of physical, chemical, and biological data sets simultaneously.

Working with trusted environmental science partners, we offer a broad range of specialisms, delivering industry-leading data insights in a concise report. Our extensive environmental survey solutions range from benthic studies for species identification and abundance, water chemistry analysis exploring dissolved O<sub>2</sub>, pH and temperature in addition to meteorological observations at the project location.

## Impact Assessment Survey

Environmental Impact Assessment (EIA) surveys play a crucial role in assessing the value and suitability of offshore wind development sites. Our surveys offer a comprehensive evaluation of the potential environmental effects of developments, aiding in sustainable decision-making and minimising ecological harm.

Our surveys provide a systematic examination of the development site's environmental components, including marine habitats and aquatic ecosystems. By identifying sensitive areas, we enable developers to better design and implement mitigation measures to protect biodiversity and ecosystem functioning.

Contributing to the optimisation of project design and layout, our surveys aid developers in identifying potential hazards, such as geological risks or navigational challenges, so that they can modify their plans to enhance safety and efficiency.



## Geotechnical Survey

To provide further understanding of the composition of sediments at and below the seabed, geotechnical sampling is undertaken. Cone Penetration Testing (CPT) provides in-situ measurements of a soil's properties, while a vibrocorer is used to provide physical sediment samples that can be analysed in further detail.

Geotechnical analysis supports ground-truthing of geophysical data, providing greater certainty of physical seabed properties across the survey area. Running geotechnical operations alongside hydrographic survey, geophysical survey and other work packages improves value through fewer mobilisations and acquisition synergies.



# Uncrewed Surface Vessel

## C-Worker 5

The ideal solution to increase survey coverage in limited timeframes

The C-Worker 5 is an autonomous vehicle designed to support hydrographic survey work and to increase survey coverage in limited timeframes. A proven offshore survey force-multiplier, the vehicle operates from a mothership in supervised autonomy mode.

With the ability operate for up to 7 days at a survey speed of around 7 knots, the C-Worker 5 has a fixed payload location for accurate offset measurement. A 12U 19" rack unit is fitted inside a watertight forward compartment for the housing of sensor control equipment.

- Proven offshore survey force-multiplier with capacity to operate up to 7 days at a survey speed of around 7 knots
- Fixed payload location for accurate offset measurement
- Proven to perform hydrographic operations as well as a crewed survey vessel, with substantially lower fuel consumption
- MBES (R2sonic 2026-V MBES), SSS (EdgeTech 4205) and USBL (Sonardyne Mini-Ranger 2)
- Shallow draught and excellent manoeuvrability, enabling operations in areas that large vessels cannot reach
- Docking system for LARS from the Glomar Supporter mothership
- Advanced autonomy: pre-programmed missions can be set up, executed and monitored using graphical user interface

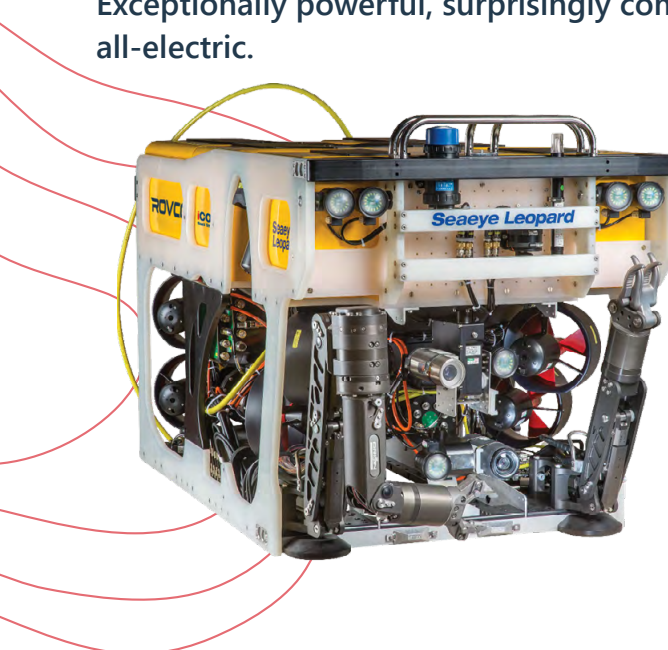


# Work-Class ROV

## Seaeye Leopard

Exceptionally powerful, surprisingly compact, all-electric.

- Drastically increases the ROV operating window, achieving lower operational costs
- Lower energy consumption and reduced risk of contamination compared to traditional ROVs
- Lighter, smaller and more agile for enhanced payload and performance – beneficial for high current, shallow water ops
- Cutting-edge DC power system, driving efficiency and a lower carbon footprint
- Operating with superior precision in 3 knot water currents
- Adaptive onboard flight control, interfacing seamlessly with our SubSLAM X2 and machine learning technologies
- Paired with an all-electric LARS
- Low noise pollution, resulting in less disturbance to marine life



**Rovco places safety as paramount across all operations.  
We are commended for our diligence and align with  
industry-leading bodies.**

Compliance with industry and HSE standards is essential to ensure safe efficient operations.

We have experience in ensuring that ROV systems are up to IMCA R006 standard, and are compliant with all Health & Safety Executive guidelines and Health & Safety at work requirements.

The quality of our service is further underpinned by our ISO 9001 DNV GL Accreditation.





# ROVCO

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