

## Press Release GAVIA / Hafmynd

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### Gavia Reaches Record Depth

The first Gavia AUV manufactured for the extended depth rating of 1000m was recently delivered. While the extended depth rating had been verified in a test tank, this was the first opportunity to trial the Gavia to full depth in a real-world environment.

As a part of the Customer acceptance trials, Hafmynd Ehf and Fugro Survey Pty Ltd, in a joint initiative with, Woodside Energy Ltd successfully trialed the Gavia Offshore Surveyor AUV down to a subsea depth of 1000m. This significantly surpasses the previous maximum recorded depth of 220m achieved by a Gavia vehicle.

The record-breaking dive to 1000m was conducted offshore Perth, Western Australia. The AUV was programmed to run a grid of survey lines at an altitude of 12m above the seabed recording both side scan sonar and swath bathymetric data, followed by a survey line run at only 2m above the seabed, designed to collect seabed habitat photographs. Dive time from the surface to 1000m was approximately 30 minutes. Based on this expected survey duration at this depth could exceed 6 hours.

The Gavia Autonomous Underwater Vehicle is a highly versatile man portable survey solution with a modular construction. The Gavia can carry an array of sensors and custom payload modules that make it perfect for any research, monitoring or surveillance task where autonomy, cost and ease of deployment matters. Its modular design allows for rapid sensor reconfiguration and battery replacement.

Overall, the Customer Acceptance Trials went very well and demonstrated once again that the Gavia AVU is a highly capable and versatile vehicle.

