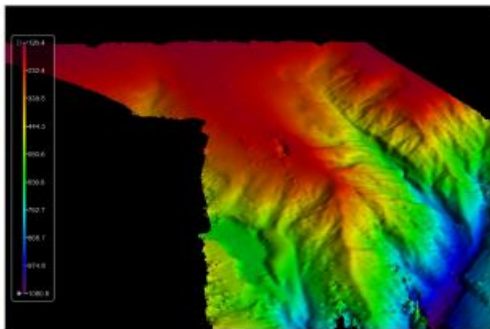


Teledyne CARIS AI Software Contributes to Successful UTAS USV Mission



Teledyne CARIS, a Teledyne Technologies company, was an integral part of the illustrious team involved in the ground-breaking uncrewed offshore survey mission in the Atlantic Ocean. Teledyne CARIS' Mira AI and CARIS Onboard software were present on the vessel to enable autonomous survey and real-time processing operations.

The mission's Uncrewed Surface Vehicle (USV) built by SEA-KIT mapped over 1,000 sq. kms of the ocean floor in 22 days, while being continuously monitored via satellite communications at its Remote Operations Centre in Essex, United Kingdom. A specialized team comprised of the GEBCO-Nippon Foundation Alumni Team operated the survey equipment and provided quality control of the data from various 'work-from-home locations' around the

world.

Supporting Uncrewed Surveys

The [SEA-KIT USV](#) surveyed a predominately unsurveyed area at the southwestern edge of the UK Continental Shelf. The image displays the initial results following a fully automated processing workflow. Final processing is currently being completed using CARIS HIPS software to produce the final deliverable for the survey.

The success of the Teledyne CARIS tools in the UTAS project demonstrates its software capabilities to support uncrewed surveys in the future and the crucial role it will play in The [Nippon Foundation-GEBCO Seabed 2030 project](#). Seabed 2030 is an ambitious effort between GEBCO and The Nippon Foundation to complete the global mapping of the ocean floors in the next ten years.

"[Teledyne CARIS](#) is uniquely positioned to underpin Seabed 2030 goals through its AI capabilities, web services and automated data processing workflows," said Andy Hoggarth, vice president, sales and marketing at Teledyne CARIS. "The success of this first leg is a tribute to the strong leadership of SEA-KIT and the unique capabilities and insights of all of the member organizations; we are delighted to play a part in this mission."

<https://www.hydro-international.com/content/news/teledyne-caris-ai-software-contributes-to-successful-utas-usv-mission>
