

# ASV C-Enduro Delivered to Herriot-Watt University



Current plans for ASV's partly solar-powered vehicle C-Enduro include coastal operations off Scotland's east coast as well as inland loch surveys. The C-Enduro will also be used as a platform for interacting with other unmanned systems such as autonomous underwater vehicles (AUVs). This was announced during Ocean Business, which is continuing today in Southampton, UK.

A spokesman from Heriot-Watt University said that the vehicle has been acquired for the Edinburgh Centre for Robotics, to be used in multi-vehicle research and within the Centre for Doctoral Training in Robotics and Autonomous Systems. It will also be available to

researchers from around the UK as part of the National Research Facility, part of the Fields Systems section of the Robotarium National Research Facility.

The 4m-long USV is controlled using the ASView Unmanned Control System which integrates with a robot operating system (ROS). The vehicle is battery powered and harvests energy from the deck-mounted solar panels.

This is the third C-Enduro built by ASV. Other versions of the vehicle feature the three-pillar power structure of solar power, a wind turbine and a diesel generator which when combined, enable very long endurance deployments.

ASV is a leading manufacturer of unmanned marine systems with specialist expertise and experience in USV design, build, operation and maintenance. ASV provides solutions for commercial, defence and scientific applications in the UK and across the globe.