National Oceanography Centre

WORLD CLASS MARINE SCIENCE AND TECHNOLOGY FOR YOUR BUSINESS

Collaborating with Industry

Funding innovative technologies

AUTONAUT

In 2012 the NOC, identified a science need for rugged, robust and reliable long-endurance marine unmanned surface vehicles. A wide range of sensors were available to take measurements on the ocean surface, NOC wanted to see autonomous platforms developed to enable these measurements.

Using the Small Business Research Initiative (SBRI), a funding tool to solve public sector problems through innovation, NOC helped to fund the development of the AutoNaut (USV) by MOST (AV) Ltd.

AutoNaut is a revolutionary wave propelled platform that enables affordable autonomous ocean data gathering. Having performed strongly during the SBRI programme trials run by the NOC, the NOC took the decision to purchase a 3.5m AutoNaut vehicle to integrate into the MARS fleet. In the Autumn of 2014 MOST (AV) Ltd deployed AutoNaut for NOC science for the first time for the MASSMO project.

AutoNaut
watching over the oceans

"We are proud to have built, tested and delivered this vessel on time, and to budget for NOC's SBRI MASSMO programme."

"This gave us the wonderful opportunity to prove AutoNaut in the open Atlantic over a 13 day mission, including both storm and gale conditions, with five sensors installed. As a long endurance ocean going USV AutoNaut is demonstrated to be robustly fit for purpose and ready for market."

David Maclean
Director, MOST (AV) Limited

To talk to us about ways of working together
contact: business@noc.ac.uk