

National Oceanography Centre

WORLD CLASS MARINE SCIENCE AND TECHNOLOGY FOR YOUR BUSINESS

Collaborating with Industry

Technology licence

AUTOSUB BATTERY TECHNOLOGY

Over a number of years NOC has developed a pressure tolerant lithium polymer battery as part of the Autosub6000 development.

MSubs Ltd, a supplier of manned and unmanned underwater submersibles for both military and commercial users has signed an exclusive licence agreement with the NOC, to market this technology.

The battery is a small compact form factor providing energy in excess of 500 Wh per module at a variety of output voltages and is capable of operating in 6000m water depths. The modules have undergone



comprehensive UN Transportation of Dangerous Goods T1 to T8 testing to allow world-wide shipping.

This exclusive agreement with the NOC to manufacture and distribute the battery module has already attracted one leading UK customer to discuss integration into their equipment as early as spring 2015.



National Oceanography Centre
NATURAL ENVIRONMENT RESEARCH COUNCIL

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NERC SCIENCE OF THE ENVIRONMENT

“We are extremely pleased to have this licence agreement in place and are now able to provide an outlet for this unique UN tested 6000m rated pressure tolerant battery module and to make it commercially available across a wide maritime spectrum. In the NOC AutoSub 6000 Mk 2 twelve (12) modules are used and provide 4.5 kWh of power demonstrating the flexibility of the battery modularity. Unmanned vehicles have been around for a while now, mainly in military, space and

research circles but the leap forward in technology and innovation has brought them into common usage in all areas of our lives.

We are delighted to have signed this agreement and will continue to support the National Oceanography Centre by providing our specialist skills to further the research of our world’s oceans and bring technology to explore from coast to deep-ocean”

Brett Phaneuf
MSubs Limited

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