

PRESS RELEASE



FOR IMMEDIATE RELEASE

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BEYOND ROV DP - SEEBYTE EMBARKS ON SMART UUV 3000

SeeByte Ltd is proud to announce the start of SMART UUV 3000; an ambitious three year undertaking that aims to productise smart Unmanned Underwater Vehicle software solutions that will enable Remotely Operated Vehicles (ROV) to automatically tackle complex tasks such as inspection of risers, jackets, manifolds, chains, wellheads, rigs, ship hulls and harbours including searching complex areas and intervention tasks on known structures.

This \$3M enterprise will benefit from technology development programmes currently being undertaken by SeeByte for customers such as BP and the US Office of Naval Research. The SMART UUV 3000 programme has been credited by the Scottish Government with the prestigious SPURplus award. SPURplus rewards highly innovative development projects which will result in world-beating products and processes.

Ioseba Tena, Product Manager at SeeByte, said "Following the successful launch of SeeTrack Offshore, a true Dynamic Positioning (DP) system that can be easily retrofitted to existing ROVs; SeeByte wanted to ensure that future versions of the software would benefit from the latest technological breakthroughs, and therefore made the commitment to SMART UUV 3000. Our aim is to continue making ROV operations safer, quicker and easier by automating the ROV control process using state-of-the-art software."

"Our current capability includes software to carry out completely autonomous inspections of risers using a mechanically-scanned sonar and the standard SeeTrack Offshore system. In recent tank and offshore tests we have also made an ROV automatically orbit and inspect risers and complex shapes using an acoustic camera to control the ROV. SeeByte is currently carefully studying intuitive means for the pilot to interact with both the ROV and the software."

"Our plan is to provide true DP by improving the ability to maintain the ROV position relative to both a fixed absolute position and a moving object, and by making the ROV *smarter*. To do this; SMART UUV 3000 will provide improved navigation performance, improved awareness of the UUV's environment and the ability to automatically interpret and carry out a plan in a changing dynamic situation. It will provide game changing technology ensuring that offshore inspection tasks can be completed effectively and in a timely fashion."

SeeByte's commitment to SMART UUV 3000, embodies the company's key values of technical excellence and leadership, a positive approach to strategic partnerships across industries and geographies and works towards the company's objective to becoming a dominant player in its chosen market segments and a leading developer and vendor of awareness and autonomy software.

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SeeByte was founded in 2001 in Edinburgh, Scotland, with the objective of applying market-centered product management principles to world-class research outputs from the internationally recognized Ocean Systems Laboratory (OSL) at Heriot-Watt University, Edinburgh. The OSL has a reputation of global excellence and is consulted by the world's leading operators in the offshore, military, marine

science and transportation sectors. Founding CEO David Lane had the vision to radically improve underwater operations by combining and using streams of sensor-derived data from remotely operated assets within a single integrated picture. Turning such sensor data into actionable information thus improves situational awareness, and has enhanced the decision making and control performances of people and machines in multiple applications across some of the world's most extreme locations. By constantly improving its product capability and listening closely to market demands, SeeByte has been able to deliver on its promise of "Awareness Made Easy". The team has achieved steady growth by responding to industry-wide problems and embracing a philosophy of service excellence and the highest quality customer support. (www.seebyte.com)

High-quality images are available on request. If you would like more information on this topic please contact:

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