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International Submarine Engineering Ltd. (ISE) Host Antarctic Operations Workshop for Antarctic Gateway Partnership Researchers & Engineers



Port Coquitlam, BC, Canada – A greater number of researchers and engineers than usual could be seen at the International Submarine Engineering Ltd. (ISE) facility recently as over 20 experts from around the world gathered for a workshop. Hosted by ISE and lead by Australia's Antarctic Gateway Partnership, the workshop aimed to finalize details for *nupiri muka*'s first field season. *Nupiri muka* is an ISE Explorer AUV that is owned and operated by the University of Tasmania as part of the Antarctic Gateway Partnership, a special research Initiative of the Australian Research Council. Deploying this innovative AUV beneath Antarctic ice shelves will allow the first time collection of data which is vital to understanding the physical, chemical and biological processes at work around and under Antarctic ice.

The attendees include researchers and engineers from the Antarctic Gateway Partnership, University of Tasmania (UTAS), Australian Antarctic Division, CSIRO, Lamont-Doherty Earth Observatory of Columbia University, Memorial University of Newfoundland (MUN), University of Gothenburg, National Oceanography Centre (Autosub), University of Tokyo, Woods Hole Oceanographic Institute (WHOI), and ISE.



International Submarine Engineering Ltd.

ISE, based just outside Vancouver, Canada, was founded in 1974 and designs and manufactures advanced underwater systems and terrestrial robotics. ISE has delivered hundreds of subsea vehicles of various types, over 400 robotic manipulators to more than 20 countries, and assisted in a multitude of additional projects for customers the world over.

ISE is uniquely positioned to assist their customers with polar operations, having supported clients through seven field seasons in the Arctic. This extends beyond vehicle development and includes preparation and planning, risk analysis, as well as operations and on-site support. As one example: ISE personnel played key roles on the operations team for the successful Project Spinnaker that saw 150 kms of fibreoptic cable laid by an AUV on the seafloor under Arctic ice.

ISE's family of vehicles include AUVs, ROVs, manned submersibles, semi-submersibles and mine countermeasure systems. The experienced engineering team excels at providing solutions to unique customer specifications for the science & environmental, defense, and offshore Oil & Gas markets.

For more information on International Submarine Engineering products and services, please contact us at info@ise.bc.ca and visit our website at www.ise.bc.ca.