



# press release

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16 July 2014

Ultra Electronics Maritime Systems Inc.  
("Ultra")

## **Ultra sponsors DND/NSERC Collaborative Research and Development (CRD) collaboration with Simon Fraser University**

DARTMOUTH, NOVA SCOTIA – Ultra Electronics Maritime Systems Inc. (Ultra) is pleased to announce that it has signed a Collaborative Research Agreement with the Natural Sciences and Engineering Research Council (NSERC), the Department of National Defence (DND) and Defence Research and Development Canada (DRDC), and Simon Fraser University (SFU). This three-year initiative is worth in cash and in kind, approximately \$1.15M with Ultra contributing \$500K, NSERC \$420K and DND/DRDC \$225K.

This Partnership is just one facet of the Ultra's Strategic Aerospace and Defence Initiative (SADI) agreement entered into with Industry Canada. The SADI agreement provides long-term funding allowing Ultra to undertake a six-year \$27.4M internal research and development (R&D) programme that will provide competitive advantage against international competition in the fast-growing, military towed, low-frequency, active-passive market. Ultra has done similar partnering with other Canadian community colleges and universities such as the Nova Scotia Community College (NSCC), Dalhousie University and the University of New Brunswick (UNB).

Specifically, the research with SFU will explore the use of Micro-Electrical-Mechanical Systems (MEMS) as accelerometers for incorporation into thin-line high fidelity directional sensors. It is envisioned that MEMS technology can be used to produce these sensors with significantly reduced diameters allowing for lighter and more manageable towed arrays.

### **ABOUT SIMON FRASER UNIVERSITY**

Simon Fraser University is consistently ranked among Canada's top comprehensive universities and is one of the top 50 universities in the world under 50 years old. With campuses in Vancouver, Burnaby and Surrey, B.C., SFU engages actively with the community in its research and teaching, delivers almost 150 programs to more than 30,000 students, and has more than 130,000 alumni in 130 countries.

### **ABOUT ULTRA ELECTRONICS MARITIME SYSTEMS INC.**

Ultra Electronics Maritime Systems Inc. (Ultra) is an international leader in the development of equipment and systems for undersea surveillance and anti-submarine warfare (ASW). Established in Dartmouth, Nova Scotia, Canada in 1947, Ultra delivers sophisticated sonar systems to navies around the world including Multi-static Active Passive Sonar for the Dutch Navy, an Integrated Sonar Suite for the Royal Australian Navy, and the UK Surface Ship Torpedo Defence System for the Royal Navy. Ultra provides unique engineering, development, manufacturing, test, evaluation,

and management capabilities to develop and deliver advanced electronic, electromechanical, and underwater sensor systems. For more information on Ultra, please visit [www.ultra-ms.com](http://www.ultra-ms.com)

#### **ABOUT INDUSTRY CANADA**

Industry Canada works with Canadians in all areas of the economy and in all parts of the country to improve conditions for investment, enhance Canada's innovation performance, increase Canada's share of global trade and build a fair, efficient and competitive marketplace. For more information on Industry Canada, please visit <http://www.ic.gc.ca/eic/site/icgc.nsf/eng/home>

#### **ABOUT NSERC**

NSERC is the primary funding agency supporting Canada's science and engineering research community. The agency supports almost 30,000 post-secondary students and post-doctoral fellows in their advanced studies. NSERC promotes discovery by funding approximately 12,000 professors every year and fosters innovation by working with over 2,800 Canadian companies that are participating and investing in post-secondary research projects. For more information on NSERC, please visit <http://www.nserc-crsng.gc.ca/>

#### **ABOUT DEFENCE RESEARCH AND DEVELOPMENT CANADA (DRDC) ATLANTIC**

DRDC Atlantic is one of eight research centres operated by Defence R&D Canada, an Agency of the Department of National Defence. DRDC Atlantic has world-leading expertise in antisubmarine warfare, mine and torpedo defence, maritime information systems, air and naval platform technology, power sources, emerging materials, signature management, virtual platforms and combat systems, autonomous underwater systems and technology insertion. More information about DRDC can be found at <http://www.drdc-rddc.gc.ca/en/index.page>

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