

Kraken Robotics Signs Cooperative Research & Development Agreement with US Navy for next Generation Synthetic Aperture Sonar Beamforming



ST. JOHN'S, NEWFOUNDLAND, 04 March 2024 /GLOBE NEWSWIRE/ – Kraken Robotics Inc. announces that its wholly owned subsidiary, Kraken Robotic Systems Inc., has signed a Cooperative Research and Development Agreement (CRADA) with Naval Undersea Warfare Center Division, Newport (NUWCDIVNPT). The objective of this CRADA is to conduct joint research into advanced signal processing techniques for the current and future generation of Synthetic Aperture Sonar (SAS) sensor technologies. This also includes exploration into enhanced image processing techniques such as data fusion, image registration, multi-spectral image enhancement and automated target recognition.

Kraken Robotics has engaged in several CRADA's with US government agencies since 2012, including NUWC Division Newport, NOAA's Office of Ocean Exploration and Research (OER) as well as the Battery Certification and Integration Branch, Code 636 of NSWC Carderock. These CRADA's have provided invaluable testing and evaluation for Kraken's portfolio of underwater technology solutions, including Kraken's Synthetic Aperture sonar, KATFISH Actively Controlled Towed sonar, and Pressure Tolerant Subsea Batteries.

These CRADAs have showcased a strong track record of proven

technology solutions and collaboration between Kraken's world-leading technical team and the US Navy's Centers of Excellence. They have allowed Kraken to test technology solutions with subject matter experts from the US Navy, providing invaluable feedback on performance and capabilities. Kraken can then point to the publicly-releasable results of our collaborative testing under the CRADA as objective evidence when bidding on opportunities domestically or internationally with other Five Eyes or NATO countries.

Greg Reid, Kraken President and CEO said "We are pleased to enter another CRADA with NUWC Division Newport. Since that first CRADA in 2012, Kraken has gone on to deliver our technology solutions to NATO allies across the globe, and the results from each CRADA have been a valuable ground truth for our customers worldwide."

David Shea, Kraken CTO said "Innovation is a core tenant of Kraken. Entering into this new Cooperative agreement with NUWC will ensure our science and technology is being evaluated by the best and brightest inside the US Navy, and this allows us to deepen our collaboration on the next generation of seabed intelligence solutions. With several of our sensors now in active use within the US Navy, we are excited to deepen our focus into data enhanced processing techniques that will benefit both new and existing sensors, leveraging the latest developments in machine learning."