



FOR IMMEDIATE RELEASE
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CEROS Awards over \$8.1 Million to Ocean Technology Companies

(Kailua-Kona, HI) The National Defense Center of Excellence for Research in Ocean Sciences (CEROS) announced the selection of projects for its 2009 technology development program. Nineteen companies will receive over \$8.1 million in FY09 funding.

With funding through the Defense Advanced Research Projects Agency (DARPA), CEROS supports research and technical development projects which will produce measurable results in 6 to 12 months. CEROS selects projects for funding based on (1) a focus on near-term results; (2) tangible deliverables linked to quantitative metrics; (3) meeting military requirements; and (4) having the ability to transition to a real military capability.

Since 1993, CEROS has funded more than 256 projects at a value exceeding \$100 million. Hawaii's Senator Daniel K. Inouye was instrumental in the creation of CEROS and securing the federal funding to give Hawaii's businesses a chance to compete in the high technology market.

CEROS initiated the 2009 program with a publicly advertised solicitation and an annual fall Industry Day in Honolulu. CEROS technical priorities are

- Shallow Water Surveillance Technologies
- Ocean Environmental Preservation
- New Ocean Platform, Ship, and Ship-building Concepts
- Ocean Measurement Instrumentation and Ocean Engineering Tools
- Unique Properties of the Deep Ocean Environment
- Improvements in Logistics, Operations and Maintenance, and Training

CEROS Technical Director Alan Hilton believes, "the projects selected for funding in our 2009 Core Program are an excellent fit for the CEROS technical priorities designed to meet the emerging and future technology needs of the maritime military sector. They cover a broad suite of novel technical innovations ranging from fundamental concept development and validation, to prototype production and field trials of promising new technologies for operational commands. These projects were not alone among the excellent array of sophisticated technical proposals which were received and evaluated by the CEROS Program this year, but the number of selections possible was limited by the amount of available funds. It is my hope that our ability to fund more such excellent proposals will be possible through future CEROS Program opportunities.

Companies which have completed negotiations under the 2009 CEROS technology development program and their project titles are:



- Applied Physical Sciences Corporation, \$358,934, *Tailored Fiber-Reinforced Plastic (FRP) Material for the Mitigation of Structural Damage to Small Vessel Hulls*
- Cellular Bioengineering Inc., \$382,542, *Chemical Decontamination of Navy Assets and Infrastructure*
- Innovative Technical Solutions Inc., DBA NovaSol, \$559,940, *Miniature Hyperspectral System in a Ball Turret*
- International Underwater Explorations LLC, \$230,002, *Global Seafloor and Weather Analysis and Tracking (G-SWAT)*
- Lidar Pacific Corporation, \$260,997, *Air-Deployed Expendable Tide Gauge (AXTG)*
- Lockheed Martin IS&GS Defense, \$385,115, *Reconfigurable Autonomous Classification System (RACS) Sea Test*
- Lockheed Martin IS&GS Defense, \$488,680, *Passive Anti-Torpedo Detection System (PADS)*
- Makai Ocean Engineering Inc., \$485,001, *Optimizing OTEC Sustainability using a Hydrodynamic Modeling Tool*
- Navatek Ltd., \$501,943, *Modular Auxiliary Propulsion to the US Navy 11m USV*
- Navatek Ltd., \$869,880, *Captive-Air Amphibious Transporter (C-AAT)*
- Navatek Ltd., \$424,234, *Improving PC-1 Class Efficiency and Seakeeping Using Bow Lifting Body Technology*
- Oceanic Imaging Consultants Inc., \$427,219, *NPAS: Network-Centric Post-Mission Analysis Software for MCM Data*
- Oceanit Laboratories Inc., \$489,305, *Nano-Composite for Hydroacoustic Signature Management*
- Pacific Environmental Technologies LLC, \$336,526, *High-Speed, Low-Power Miniature Deep-Ocean Mass Spectrometer*
- Phoenix International Holdings Inc., \$451,210, *Rigid Inflatable Rudder Habitat*
- Pukoa Scientific LLC, \$199,945, *Benthic Microbial Fuel Cell*
- Science Applications International Corporation, \$626,719, *Off-board Measurements of Seafloor Acoustic Parameters*
- Sea Engineering Inc., \$400,197, *Prediction of Optical Variability in Dynamic Nearshore Environments*
- Technical Research Associates Inc., \$229,240, *Use of Graphics Processing Units for Multi and Hyperspectral Visualization*

For more information about CEROS, contact Ms. Jacquie Brewbaker, CEROS Program Manager for Outreach & Administration, (808) 327-4310 or consult the CEROS web page, www.ceros.org.