

Liquid Robotics® marine robot completes 9,000 nmi cross-Pacific journey

U.S.-based Liquid Robotics®, announced that the first Pacific Crossing (PacX) Wave Glider, "Papa Mau," completed its 9,000-nmi (16,668 k) scientific journey across the Pacific Ocean to set a new world record for the longest distance traveled by an autonomous vehicle. Throughout its journey, Papa Mau navigated along a prescribed route under autonomous control, collecting and transmitting unprecedented amounts of high-resolution ocean data never before available over these vast distances or timeframes.

Underwater Intervention 2013

The annual Underwater Intervention conference and exhibition was held at the Ernest N. Morial convention center in New Orleans 15-17 January 2013. Underwater Intervention is a non-profit conference and exhibition that is co-owned by the Remotely Operated Vehicles (ROV) Committee of the Marine Technology Society and the Association of Diving Contractors.

During the convention, the 50th Anniversary of the Marine Technology Society was celebrated.

A notable highlight on the 26,000 sq. ft exhibit floor was the Demonstration Tank and Market Showcase, where vendors were demonstrating their products and services.

A renewed focus on its roots was the platform for an oil and gas interest for the technical program at Underwater Intervention. From its inception, Underwater Intervention has always been a joint venture between ADCI and the ROV Committee of the Marine Technology Society. The combination of the commercial diving industry and the work class ROV industry proved highly successful and now includes all underwater operations.



The Underwater Intervention Committee hit the ground running and is already recruiting speakers and exhibitors for the next conference to be held in New Orleans, 11-13 February 2014. As of press time, 75% of the exhibit space has been reserved, and reservations are open for the Demo Tank and Market Showcase.

For more information, visit www.underwaterintervention.com.

ABS awards \$3 Million to Stevens Institute of Technology

ABS, the leading provider of classification services to the global offshore industry, has awarded Stevens Institute of Technology U.S. \$3 million. The donation will be used to create a new civil, mechanical, and naval engineering laboratory complex in the Davidson Laboratory. The new complex will bear the Bureau's name.

Stevens will construct a 25,000-sq. ft facility above the historic Davidson Laboratory, including new laboratories critical to the Stevens strategic plan. The complex will meet the research and instructional needs of approximately 800 Stevens students annually working in such areas as robotics, underwater systems, land- and water-based vehicles, and ocean and weather sensors.

With the opening of the new complex, the former wave tank in the Davidson Laboratory will be preserved as a significant historical center to educate students about its importance to the development of ship design during World War II.

For more information, visit www.stevens.edu.

CSA International, Inc. changes name to CSA Ocean Sciences Inc.

CSA International, Inc. (CSA) is pleased to announce that as of 1 January 2013 it is changing its name to CSA Ocean Sciences Inc. (CSA) to better reflect its core business. Founded in 1970 as a marine environmental consulting firm, CSA specializes in multi-disciplinary projects concerning potential environmental impacts of activities throughout the world. Through a distinctive corporate organization comprising two functional staffing groups (Science and Marine Services) that work both cooperatively and independently, CSA provides a unique and unrivaled skill set to the coastal and ocean sciences industry.

For more information, visit www.csaocean.com.

OceanGate Inc. discovers Grumman F6F Hellcat off the coast of Miami

OceanGate Inc., a global provider of deep-sea manned submersible solutions, announced the discovery of a World War II-era Grumman F6F Hellcat plane off the coast of Miami Beach. The plane was discovered during one of an ongoing series of dives in which OceanGate has been using its Teledyne BlueView high-frequency sonar and HD photo and video equipment to gather data pertaining to the artificial reefs in Miami-Dade County waters. Recognizing the potential historical and military significance of the find, OceanGate contacted officials at both the Smithsonian Institution and the U.S. Navy, who identified the wreck as a Grumman F6F Hellcat fighter aircraft.



Findings from initial surface-sonar side-scans, provided by NOAA, displayed a 33-m (100-ft) long target, which led the OceanGate team to assume it was a sunken vessel. However, during the initial dive to the site on 29 June 2012, the sonar technology on OceanGate's Antipodes submersible produced the first-ever, close-range, underwater scans of the 28-ft long, distinctive Grumman F6F Hellcat at a depth of more than 240 ft. Since the first dive, the OceanGate team has returned for additional observation and data collection on eight missions, including a recent long-duration dive of 8 hrs.

OceanGate will donate its collection of photographs, videos, and technical scans of the Hellcat to the Naval History & Heritage Command in Washington, D.C., as a way to mark the recent Veterans Day holiday. The files will be used in the preservation of this federally protected site and in possible future research on the plane.

For more information, visit www.opentheoceans.com.



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**7007 Pinemont
Houston, TX 77040 USA
713.986.4477**