

# oceanbuzz!

The weekly ocean technology e'Newsletter everyone's talking about

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### **1.a) OCEAN BUSINESS REGISTRATION OPENS**

That time of year again to keep you posted on our activities outside of writing Oceanbuzz. Over the coming months we will provide regular updates on the Ocean Business ocean technology exhibition that is being held in Southampton next March. Global emails went out today announcing that registration is now open. If you missed the email you can register now at <http://www.smartregister.co.uk/events/iexhib/OB09/> or find out more info by visiting [www.oceanbusiness.com](http://www.oceanbusiness.com).

### **1.b) OCEAN BUSINESS AND OCEANOLOGY INTERNATIONAL WORK TOGETHER TO DEVELOP ANNUAL CAREER AND RECRUITMENT EVENT**

Following consultation with the key industry bodies the organisers of Ocean Business and the organisers of Oceanology International have agreed to work together to develop an annual careers event based on the Careers Day that has historically taken place every two years at Oceanology International and most recently the Marine Career Opportunities event held at the National Oceanography Centre, Southampton.

The event will be called 'Ocean Careers' and will offer career opportunities and advice within the ocean technology, marine science and offshore industries every year, alternating between the Ocean Business and Oceanology International events.

The annualising of the event will aim to bring a coordinated approach to the very urgent need to attract more personnel to the business and builds on the success already achieved with the Oceanology International Careers Day.

This initiative is driven by the core industry bodies (International Marine Contractors Association, Society for Underwater Technology, Association of Marine Scientific Industries, UK Hydrographic Society and Institute of Marine Engineering and Science and Technology) who are all focused on addressing the recruitment issue and in recent years have worked on a number of joint initiatives including the successful Careers Day at Oceanology International 2008.

These organisations will support the event and ensure that its content correctly reflects the exciting and challenging global career opportunities available within the industry.

The 2009 Ocean Careers event will be held at the National Oceanography Centre, Southampton alongside Ocean Business 2009 from 31st March – 2nd April 2009.

The 2010 Ocean Careers event will be held at Oceanology International 2010 from the 9 – 11th March 2010 at ExCeL, London.

The event is targeted at those that are currently looking for opportunities within the ocean technology, marine science and offshore industries and those who haven't yet studied or considered a career in this industry. Ocean Careers will help students realise how their skills in engineering, science or mathematics can be utilised in this vast, exciting, forward thinking and extremely diverse industry.

Taking the current state of the global economy into account, it is clearly becoming harder for many graduates, post graduates, newly qualified engineers and the unemployed to find work. Ocean Careers will help students to broaden their horizons and possibly transfer their skills to an industry that in the last few years has seen unprecedented and continuing growth coupled with rapid development technologies applied to ocean survey and research and an ever increasing shortage of skilled staff. For more info email: [info@oceancareers.org.uk](mailto:info@oceancareers.org.uk) or visit [www.oceancareers.org.uk](http://www.oceancareers.org.uk)

## **2. GENERAL OCEAN NEWS**

### **2.a) GLOBAL SUCCESS SEES SAAB SEA EYE EXPAND**

Global success for Saab Seaeye has led the company to expand its production capacity by 50 % with the opening of a new 24,000 sq ft factory in Fareham, Hampshire, UK.

The new facility was officially opened on Friday November 14<sup>th</sup> 2008 by Mark Hoban MP and Shadow Financial Secretary to the Treasury.

Managing director, Dave Grant, says that the greater engineering, technical and production capability will help meet the growing demand for the company's range of underwater vehicles, and significantly improve production efficiency by bringing together three different sites under one roof.

Custom-built facilities have been integrated into the new building, including production cells and dedicated test areas. This comprises ample onsite space for customer-ready control containers and launch and recovery systems linked into the factory for final ROV integration.

A dedicated training facility is located at the factory. It will enhance the existing training package for operators from across the world and offer technical training in the operation and maintenance of Saab Seaeye's complete range of portable and workclass vehicles.

This expansion programme comes as sales success sees the company extend its lead in the electric ROV market world-wide with sales coming not only from the booming oil and gas industry, but from the company's success in the areas of defence, marine science and civil engineering.

The new company facility is still based in Fareham and is set close to the main communication links for international travellers.

For more information contact Dave Grant Saab Seaeye Ltd. [rovs@seaeye.com](mailto:rovs@seaeye.com) or visit [www.seaeye.com](http://www.seaeye.com).

## **2.b) SEETRACK® OFFSHORE DP SYSTEM NOW AVAILABLE IN AMERICAS**

Agreements were signed this week between SeeByte, an innovative software solutions manufacturer, and Equipment & Technical Services (ETS), a Houston-based marine equipment and support services company, making SeeByte's SeeTrack® ROV Dynamic Positioning (DP) System available to ETS customers in the Americas on a rental basis.

Following integration with the Remotely Operated Vehicle (ROV) control system, either by retrofit or during ROV manufacture, SeeTrack automates the control process to provide full ROV DP. It can be rented separately or together with ancillary sensors which are also offered by ETS.

SeeTrack Offshore provides significant improvements over conventional DP systems, including: greater efficiency in manoeuvring, while ignoring the effects of currents; reduced risk of hitting structures on the seabed; and the ability to shoot quality video images from a greater distance. "ETS is always interested in introducing new and improved technology to our customers," said Andy Bogle, President of ETS. "SeeTrack can be easily installed onto existing ROV systems and will enable faster, safer and smoother operations, which translates into greater savings for operators."

SeeTrack Offshore services are currently available to customers in Central and North America only through ETS in direct partnership with SeeByte. ETS will provide qualified installation, training and support services to all SeeTrack Offshore customers in this operating region. "These partnership agreements are mutually beneficial, allowing existing ETS customers in the Americas access to SeeByte's products, while providing our company an opportunity to broaden our product reach and better engage with operators," said Ioseba Tena, Sales & Marketing Manager for SeeByte.

For more information visit [www.seebyte.com](http://www.seebyte.com)

## **2.c) ESTONIAN MOD TO ACQUIRE TWO HYDROID REMUS 100 UNMANNED UNDERWATER VEHICLES FOR THE NAVY**

Hydroid, Inc has announced that the Estonian Ministry of Defence has signed a contract to acquire two lightweight REMUS 100 Autonomous Underwater Vehicles (AUVs). As a member of NATO since 2004, the Estonian Navy's top priority is the development of mine countermeasure capability. The REMUS 100, equipped with sophisticated sensor, navigation and power resources, has the proven reliability to perform the intricate sonar surveys the Estonian Navy needs to accomplish this priority.

"We welcome the Estonian Navy as the latest addition to the growing number of navies now leveraging the REMUS capability for both Organic and Dedicated Mine Countermeasure operations. The REMUS AUV

technology enables fast, accurate and safer operations,” commented Graham Lester Director, Hydroid Europe.

During World War I and II, more than 80,000 sea mines were laid in the Baltic Sea. Since 1995, a number of mine clearance operations have been carried out in Estonian waters in close co-operation with other navies of the Baltic Sea region, in order to find and dispose of these ordnances. Finding the ordnances has been a potentially dangerous task to all involved, but soon can be accomplished safely by only one-man deploying and operating the compact REMUS 100, which weighs less than 37 kg (80 lbs.).

Over the past six years, Hydroid, the NATO Undersea Research Centre (NURC), in La Spezia, Italy, and Woods Hole Oceanographic Institution (WHOI), have widely demonstrated REMUS technology throughout NATO. In June, during NATO’s BALTOPS 2008 exercise, the Estonian Navy learned first-hand how easily yet exceptionally the REMUS vehicles perform as many of the participants brought their REMUS vehicles to participate in the mine countermeasure segment of the exercise.

“We are pleased that the Estonian Navy has confidence in Hydroid and our REMUS technology. Once the systems are accepted for in-service use, the Estonian Navy will become the seventh NATO Navy to include REMUS in their complement of systems used to conduct expeditionary shallow water mine countermeasure operations. We are confident that the REMUS systems will meet the operational expectations of the Navy,” stated Kevin McCarthy, Vice President Marketing of Hydroid. Hydroid’s AUV’s are in use with several NATO and other international navies around the world.

For further information contact: Kevin McCarthy, Vice President Marketing, Hydroid, Inc. on Tel: +1 508 563 6565, by Email: [kmccarthy@hydroid.com](mailto:kmccarthy@hydroid.com) or visit [www.hydroid.com](http://www.hydroid.com)

## **2.d) L-3 KLEIN RECEIVES FULL ACCEPTANCE OF HARBORGUARD® WATERSIDE SECURITY SYSTEM**

L-3 Klein has announced that they have received extremely positive feedback from one of their major customers relative to Klein’s HarborGuard® System and its attaining all contractual and technical expectations. The HarborGuard® System is an integral part of a security system that has been installed in multiple ports with communication to multiple Coast Guard vessels. L-3 Klein’s HarborGuard® System has been augmented to integrate a number of their small target radars as well as a myriad of camera locations.

Their customer was, “impressed with the performance of L-3 Klein’s HarborGuard® System and sonar integration.” This system is now commissioned and accepted. This is only one of a number of on-going projects at L-3 Klein. As you know L-3 Klein’s Harbor Guard® System is based on a layered approach that allows the customer the ability to detect, assess and deter threats. Since they use a layered approach they can add sensors in multiple quantities based on security requirements and the area being protected. The backbone of the L-3 Klein HarborGuard® System is the RadarPro™ Small Target Detection Radar. RadarPro™ is capable of detecting and tracking swimmers, small watercraft as well as other targets of interest with minimal operator intervention. The L-3 Klein HarborGuard® Security System is suitable for either fixed or mobile applications, has proven itself in both configurations and is currently operational in a number of ports, on a number of oil engineering/production platforms, and is protecting some very critical infrastructure sites.

If you would like information on our HarborGuard® System or any of L-3 Klein’s other product offerings, please contact them at +1 603 893 6131 or visit [www.L-3Klein.com](http://www.L-3Klein.com).

## **3. WHO’S ON THE MOVE?**

### **3.a) NEW MANAGING DIRECTOR AT SEA**

UK based technical specialists SEA Group Ltd (a subsidiary of Cohort plc) has announced that it has appointed Paul Phillips as Managing Director. Paul takes over from Ian Dale-Staples, who has taken on full-time duties as a Director of Cohort plc.

Paul has been with SEA for 19 years and over the period he has held a variety of management and Director positions including Defence, Space and Technical Director roles. Paul has been a Director of the

SEA since 1992. Prior to joining SEA, Paul was employed by (the then) Plessey Naval Systems primarily engaged on sonar development programmes. He graduated in Mathematics in 1978.

For further information contact Pauline Henson on Tel: +44 (0)1373 852 115. [www.sea.co.uk](http://www.sea.co.uk)