

# oceanbuzz

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

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## 1. GENERAL OCEAN NEWS

### 1.a) BLUEFIN ROBOTICS ANNOUNCES MAJOR NEW DISTRIBUTION AGREEMENTS WORLDWIDE

Bluefin Robotics recently announced new worldwide distribution agreements for sales and support of its Autonomous Underwater Vehicles (AUVs), pressure-tolerant subsea lithium polymer batteries, and related technologies. Countries represented within these agreements include Australia, New Zealand, Philippines, Viet Nam, China, Fiji, India, Singapore, Malaysia, Indonesia, and Israel.

Companies included in the representation of Bluefin Robotics include Seismic Asia Pacific Pty. Ltd of Australia, Results Marine of India, Precision Technologies of Singapore, and Itzhak Almog of Israel. Products represented include the cost-effective Spray™ long-endurance glider AUV, the HAUV Hovering AUV for ship hull inspection, and the BF Series of AUVs, available in a wide range of standard or customized configurations.

For additional information on Bluefin Robotics sales worldwide, contact: Dr. Timothy J. Alavosus, Director of International Business Development, T. (+1) 603.339.1928 or E: [talavosus@bluefinrobotics.com](mailto:talavosus@bluefinrobotics.com)

### 1.b) UNDERGRADUATE AWARD SCHEME LAUNCHED BY FUGRO GEOS AND IMarEST

A new annual Undergraduate Award Scheme for final year students studying physical oceanography, applied oceanography and/or meteorology has been launched by Fugro GEOS and the Institute of Marine Engineering, Science and Technology (IMarEST).

The competitive award scheme, open to student members of IMarEST enrolled on a full-time course at a UK university or College is based on a single payment of up to £500 to the winning student.

At the beginning of each academic year, IMarEST will circulate details of the scheme to the Heads of Department at all Universities and Colleges with appropriate courses, inviting them to submit applications from students in their departments. Applicants, and their sponsors, will be required to complete an application form setting out details of their course and including an abstract written by the applicant about his/her final year dissertation. A recommendation by his/her sponsor is also required. Completed forms should be received by IMarEST by the last working day of February 2008.

Application forms will be assessed against predetermined criteria by a scholarships sub-committee of IMarEST, who will then shortlist candidates for the award. Those shortlisted candidates will then be required to submit their full dissertation by the end of May of that same year (i.e. the candidate's final year). The sub-committee will then select the winning student who will be notified by the end of June.

IMarEST offers and administers an extensive range of Awards and Scholarships – see <http://www.imarest.org/theimarest/awards/default.asp> - covering all age groups and levels of professional expertise.

### 1.c) APPLIED MICROSYSTEMS ANNOUNCES ASIAN CALIBRATION FACILITY

Applied Microsystems (AML) is pleased to announce the opening of a state-of-the-art sound velocity calibration facility in Singapore. Sea and Land Technologies (SALT) – AML's sales and service partner for the Asia Pacific Region – will host the new calibration facility. Immediate capabilities include; time-of-flight sound velocity, with accuracies of  $\pm 0.05$  m/s; temperature, to accuracies of  $\pm 0.005$  °C; and pressure, with temperature compensation, to accuracies of  $\pm 0.05\%$ FS.

For more information on SALT's new calibration facility, visit AML's website at [www.appliedmicrosystems.com](http://www.appliedmicrosystems.com) or contact Mike Penny at [mike@appliedmicrosystems.com](mailto:mike@appliedmicrosystems.com)  
To schedule an instrument return, please contact [service@appliedmicrosystems.com](mailto:service@appliedmicrosystems.com)

### **1.d) FINNISH NAVY CHOOSES SAAB SEA EYE FALCON**

The Finnish Navy Research Institute is taking delivery of the highly successful Saab Seaeye Falcon ROV. The Institute wanted a compact and light-weight ROV incorporating the latest technology, and suitable for underwater warfare. They liked the ease by which the Seaeye Falcon can be transported and deployed from a mother ship and its flexible operational capability.

With over 120 vehicles ordered so far, the world-wide success of the Seaeye Falcon, left the Institute 'impressed by the reference list of users that includes the UK Ministry of Defence, the US, Russian, Italian and New Zealand naval forces.

Its success in the defence world comes from a design that offers a compact yet powerful and highly manoeuvrable ROV which is ideal for rapid deployment from a small boat. It has been proven in a wide range of operational conditions, including search, survey, salvage, security, diver support and explosive ordnance disposal,

For more information contact David Grant, T: +44 1329 289000, E: [rovs@seaeye.com](mailto:rovs@seaeye.com) or W: [www.seaeye.com](http://www.seaeye.com)

### **1.e) IMarEST SUPPORTS GREEN SHIP CAMPAIGN**

The Institute of Marine Engineering, Science and Technology (IMarEST) is strongly supporting a new campaign aimed at raising awareness of the problem of environmental damage from oil leaks from ships in ports and harbours. Others actively involved in the campaign are Castrol Marine, Eco Ports and ProSea.

The objectives of the campaign are to make the industry aware of the operational leakage and discharge of oil and its effects on the marine environment and to think about ways of reducing the amount of operational leakage of oil.

The campaign will comprise a series of articles and advertisements that will run in the marine trade press throughout the year, the development of a policy and practical guidelines for prevention of oil leakages in seaports and a series of workshops on prevention and treatment of oil leakages in seaports.

Further information can be obtained from Suki Kalsi @ IMarEST, T: +44 (0) 20 7382 2600 or E: [suki.kalsi@imarest.org](mailto:suki.kalsi@imarest.org)

## **2. EVENTS, TRAINING AND DEMONSTRATION**

### **2.a) MIT AND THE SEA: PIONEERS IN OCEAN EXPLORATION IN THE MARK EPSTEIN INNOVATION GALLERY, 29 SEPTEMBER 2007 – SEPTEMBER 2008, USA**

Throughout the 20th and 21st centuries, MIT's engineers and oceanographers have worked together exploring the deep ocean environment and making profound discoveries. Now on display for the first time in the MIT Museum's new Mark Epstein Innovation Gallery, is the historic remotely operated vehicle (ROV), *Jason Junior*. Tethered to the Woods Hole Oceanographic Institution's (WHOI) submersible *ALVIN*, it made its way into the Titanic and took the first photographs of the ship's interior in 1986.

This unique multimedia exhibition showcases MIT engineers and the roles they have played developing tethered, undersea robots called remotely operated vehicles which have been used for ocean exploration, national security and offshore energy production. Without placing humans in jeopardy, underwater ROVs explore and work at depths inaccessible to humans. These sophisticated vehicles have high-tech cameras that have photographed marine life and active volcanic vents in the Earth's crust never seen before by human eyes.

For further information contact Josie Patterson, MIT Museum Public Relations & Marketing Office, T: +1 617-253-4422 or E: [josiep@mit.edu](mailto:josiep@mit.edu)

## **2.b) MARINE CAREER OPPORTUNITIES AT THE NATIONAL OCEANOGRAPHY CENTRE, SOUTHAMPTON, UK. 21<sup>ST</sup> NOVEMBER 2007**

What career opportunities in the marine world are open to graduates? You might find it interesting to attend and report on next week's Marine Career Opportunities day. This is a one-day event taking place at the National Oceanography Centre, Southampton on Wednesday 21 November between 10.30 and 16.30.

It is aimed at under/postgraduates to enable them to look at the employment opportunities that UK marine companies have on offer by means of a series of presentations in the morning, followed by skills workshops run by different organisations, along with exhibiting companies.

The day is organised by the IMarEST (Institute of Marine Engineering, Science and Technology) in conjunction with SUT (Society of Underwater Technology), the Challenger Society, National Oceanography Centre and Castrol Marine. You will find more information at <http://www.imarest.org/events/careers> which is the address to use for registrations.

## **3. WHO'S ON THE MOVE**

### **3.a) TWO NEW APPOINTMENTS AT SEEBYTE LTD.**

SeeByte Ltd, has announced two new appointments to its technologies team based in Edinburgh. Jose Vazquez has joined as Navigation and Control specialist, responsible for further developing SeeByte's SeeTrack products for autonomous systems. Prior to joining SeeByte Ltd., Vazquez held a Post Doctoral position at Heriot Watt's world renowned Oceans laboratory. A continuing partnership relationship with Heriot-Watt University is enabling SeeByte to maintain the innovative edge over its competitors, and to recruit and retain talented technical staff.

Hector Hugo Mijares has been appointed senior development engineer, having responsibilities throughout the company's product lines, with a focus on embedded real time software design and development. With previous experience at Indra Sistemas, a leading Defence Contractor in Spain, Mijares brings with him excellent software skills and experience developing critical defence systems.

Since its creation, the company has pursued bootstrap organic growth, currently employs 33 people and continues to grow. ([www.seebyte.com](http://www.seebyte.com))

## **4. JOB POSTINGS**

### **4.a) TECHNICAL SUPPORT ENGINEER, CODAOCETOPUS, EDINBURGH, UK**

CodaOctopus is seeking an organized, enthusiastic and self-motivated Technical Support Engineer to join their support team. The successful candidate will be responsible for all aspects of technical support to a worldwide client base. This comprises frontline help-desk support by phone or e-mail, product mobilization and training at client locations, development of technical documentation and internal product test and evaluation.

Interfacing effectively with all company departments, the Technical Support Engineer will be expected to offer advice and assistance on the technical delivery of CodaOctopus products.

Ideally applicants will have a degree in Electronics Engineering or Geophysics with 3 or more years' experience in the offshore or marine services industry, possibly as a Field Engineer or Geophysicist. The ability to problem solve, communicate effectively and deliver a first class service is essential to this position. Knowledge and experience of IT technologies such as networking, operating systems and general PC based hardware would be advantageous along with basic electrical/mechanical aptitude. The position involves travel. Offshore OPITO recognized certification would be advantageous but not essential.

Job Specification: provide frontline help-desk support; perform product training for customers; perform product mobilization and integration with customer systems; develop technical documentation for existing and new products; take part in out-of-hours support duties on a rota basis; perform internal product test and evaluation; interact with test and development teams as necessary; work with the support team and communicate effectively.

Reporting to the Operations Manager, working with the support team and liaising closely with the test and development teams, the successful candidate will be a team player and have good communication skills.

Please send a full CV with a covering letter, including details of current salary to:  
[tom.barr@codaoctopus.com](mailto:tom.barr@codaoctopus.com)

#### **4.b) RPS GROUP PLC – ENERGY DIVISION, MANAGER – SITE INVESTIGATION, SURVEY AND GEOHAZARDS, USA**

An exciting opportunity has arisen in RPS Group's Houston, USA office. The Manager (Site Investigation, Survey and Geohazards) has full responsibility and wide discretionary authority to build the US business into one of the world's leading providers of integrated and stand alone solutions for all technical aspects of geophysical site investigation and survey, including geohazards, geotechnics, engineering construction and survey, etc. The position will additionally require high level input and oversight of all technical work, including the recruitment of a team of best-in-class technical professionals.

Experience required includes; degree qualified; 5-10 years related experience; Sales/marketing and business development experience.

For a more detailed job description or to apply for this role please contact Suzanne Bradley at E :[bradleys@rpsgroup.com](mailto:bradleys@rpsgroup.com) or visit W: [www.joinrps.com](http://www.joinrps.com)