

# oceanbuzz!

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

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## **1.GENERAL OCEAN NEWS**

### **1.a) EB'S BOWTIS DOES IT AGAIN**

The installation of the second deepwater offshore wind turbine has been celebrated by The Engineering Business (EB). EB's BOWTIS – Beatrice Offshore Windfarm Turbine Installation System – was used by Talisman Energy (UK) Limited recently in the Moray Firth in Scotland. The REpower 5MW turbine was installed in a single lift from a floating barge, and forms the second half of the Beatrice Wind Farm Demonstrator Project. The first REpower 5MW turbine, also installed using BOWTIS last year, was fully commissioned on 8 May. EB began campaigning for the concept of installing offshore wind turbines in a single lift in 2002.

Use of BOWTIS enabled full assembly of the 88m high turbines to take place onshore, which was followed by the safe vertical transit of the 1000 tonne turbines and lifting equipment to site; the crane barge was then able to gently land and align the turbines on their fixed jackets with an impact of less than 0.3g. For further information go to [www.engb.com](http://www.engb.com)

### **1.b) ALPHA THAMES SUBSEA MOVES TO NEW HEADQUARTERS AND INVITES EQUITY PARTNERS**

Alpha Thames Subsea Ltd has completed a move into new premises in Chelmsford, UK. The company is responsible for the development of the AlphaPRIME modular system of seabed separation and processing which has been attracting considerable interest from contractors and field operators in the Far East.

Interim investment from a Far Eastern backer has enabled the company to move into its new premises in Chelmsford and to support the transportation of the first AlphaPRIME System Module from Malmö in Sweden to Malaysia. The unit has now been set-up to provide a full-size working demonstration of the AlphaPRIME principle for the potential licensees attracted to the technology. For further information go to [www.atsubsea.co.uk](http://www.atsubsea.co.uk)

### **1.c) ASHTEAD CHOOSES VALEPORT PRODUCTS FOR MAJOR INVESTMENT**

Valeport recently announced that Ashtead Technology Rentals, one of the world's leading equipment rental companies, has invested in excess of £250,000 across a broad range of Valeport products.

A large proportion of the investment included Sound Velocity Probes and sensors to support their extensive fleet of Sonardyne Compatts and Multibeam Sonar related equipment. Amongst the list of selected products, Valeport's new intelligent pressure sensor, the MiniIPS, was a strong favourite chosen for its extensive capacity to support underwater construction activity and ROV operations. To complete the order, a selection of CTD's, Multi-Parameter CTD's, Tide Gauges and Current Meters were also bought and will be dispatched to Ashtead's offices in Aberdeen, Singapore and Houston. For further information go to [www.valeport.co.uk](http://www.valeport.co.uk).

### **1.d) GEMS SURVEY OPENS NEW OFFICES IN DEVIZES, WILTSHIRE, UK**

A member of the GEMS International Group of Companies which provides Geotechnical, Geophysical and Metocean expertise around the world, has recently announced the opening of their new, purpose designed, office in Devizes, Wiltshire. This represents a major milestone in the company's history since its establishment in 2004. For more information please visit the website: [www.gems-int.com](http://www.gems-int.com).

### **1.e) MORE TO DIVING COURSES THAN MEETS THE EYE**

The Professional Diving Academy has recently incorporated the RYA Level 2 Powerboat handling course into their complete commercial air diving courses. The 2-day course, added to the programme

at no extra cost, covers safe handling of inflatable boats, high speed manoeuvres, man recovery overboard, close quarters handling and collision regulations.

The addition of this course is also in anticipation of this qualification, or similar, becoming a pre-requisite of anyone using such equipment during employment. Such an initiative is part of the Professional Diving Academy's continuing commitment to providing the best possible diver training courses to increase employability, safety and knowledge of the next generation of commercial divers. Further details about the complete range of courses can be found at [www.professionaldivingacademy.com](http://www.professionaldivingacademy.com) or by emailing [info@professionaldivingacademy.com](mailto:info@professionaldivingacademy.com).

## **2. TRAINING AND DEMONSTRATION COURSES**

### **2.a) LAST FEW PLACES AVAILABLE AT THE SEICHE UNDERWATER ACOUSTICS COURSES, 10 - 14 SEPTEMBER 2007, UK**

There are still vacancies for the Seiche Underwater Acoustics Courses that will be held from 10 - 14 September at The National Physical Laboratory, Teddington, London. These courses will be of value to engineers, scientists, project managers and specialist sales executives wishing to enhance their knowledge of sound propagation in the ocean. Delegates will become familiar with the various equipment and measuring standards employed in this important field. It is Seiche's intention that all delegates will have a clear understanding of the proper use of units of measurement for sound levels in the ocean. They will be able to conduct sound calculations for both engineering and natural biological sonars. Full details of the courses can be obtained from [www.seiche.com/2007Brochure](http://www.seiche.com/2007Brochure). For further information contact Gillian Coates, T: +44 (0)1407 720474 or E: [gacoates@seiche.com](mailto:gacoates@seiche.com)

### **2.b) OHMSETT HOSTS OIL SPILL TRAINING COURSE, 17-21 SEPTEMBER 2007, USA**

Ohmsett, The National Oil Spill Response Test Facility, will host a one-week Oil Spill Training Course from 17<sup>th</sup> to 21<sup>st</sup> September 2007. Designed with oil spill response personnel in mind, students will gain enhanced decision-making skills through classroom instruction and hands-on oil recovery operations.

While training in the test basin, students will deploy and operate different types of booms and skimmers (stationary and advancing) to contain and recover REAL oil. Instruction will be provided by instructors from Texas A&M University Corpus Christi National Spill Control School. For further information go to [www.ohmsett.com/Training\\_Registration.asp](http://www.ohmsett.com/Training_Registration.asp) or e-mail [scunneff@ohmsettnj.com](mailto:scunneff@ohmsettnj.com)

## **3. JOB POSTINGS**

### **3.a) FIELD SERVICE ENGINEER FOR TECHWORKS MARINE, IRELAND**

As part of TechWorks Marine's expansion there is an immediate vacancy for a Field Service Engineer/ROV operator. Applicants should have a third level qualification in electronic engineering, field experience an advantage, must have some troubleshooting experience, candidates must have a full, clean driver's license, boat handling experience an advantage, marine experience, whilst beneficial is not a prerequisite, candidate should have electronic skills: soldering, fault finding, test, basic layout and schematic design, knowledge of use and operation of ROV's useful. For further information or to apply [info@techworks.ie](mailto:info@techworks.ie) or go to [www.techworks.ie](http://www.techworks.ie)

### **3.b) GEOPHYSICISTS, FIELD ENGINEERS AND HYDROGRAPHIC SURVEYORS REQUIRED BY GEMS SURVEY, UK**

Geophysicist applicants are encouraged from junior (graduates) to senior level. Work will involve both office and offshore based duties. Interested applicants should contact [nigel.carey@gems-int.com](mailto:nigel.carey@gems-int.com) Field Engineer applicants of various skill/ training levels in electronic and electrical engineering will be

considered. Interested applicants should contact [dave.stephens@gems-int.com](mailto:dave.stephens@gems-int.com) Hydrographic Surveyor applicants of various skill/ training levels in hydrography will be considered. Interested applicants should contact [graham.moates@gems-int.com](mailto:graham.moates@gems-int.com)

### **3.c)SONTEK/YSI INC. SEEK REPAIR CENTRE CO-ORDINATOR FOR UNDERWATER ELECTROACOUSTIC INSTRUMENTATION, USA**

Sontek/ YSI Inc is presently seeking an energetic individual to join their San Diego-based team as Repair Center Coordinator for Underwater Electroacoustic Instrumentation. This position will coordinate instrument repair, servicing, and RMA activities for their local and worldwide customer base. This includes scheduling, prioritising, quoting, and liaising with external customers and their internal technical support, sales, and engineering/operations teams. Further information can be found at [www.sontek.com](http://www.sontek.com) or email CV's to [jobs@sontek.com](mailto:jobs@sontek.com) with the title of the job you are applying for.

### **3.d) OCEANOGRAPHER WANTED, HAYLING ISLAND, UK**

Handover HR are looking to recruit an oceanographer on behalf of their client located in Hayling Island near Portsmouth, for their rapidly expanding oceanography section. Applicants should be highly motivated and organised. The successful applicant will have the opportunity to work on a wide variety of projects, including coastal monitoring, port development, oil and gas exploration and dispersion monitoring both within the UK and overseas and can expect to gain valuable experience in fieldwork, data analysis, reporting, presenting, equipment servicing and many other related areas. Suitable candidates will have a degree in oceanography or equivalent. For more details email [info@handoverhr.co.uk](mailto:info@handoverhr.co.uk)

### **3.e) RESEARCH FELLOW IN CHEMICAL AND BIOLOGICAL SENSORS, INSTRUMENTATION AND MICRO ANALYTICAL SYSTEMS, NATIONAL OCEANOGRAPHY CENTRE, SOUTHAMPTON, UK**

This is a fixed term appointment (for 2 years in the first instance) please go to [www.jobs.soton.ac.uk](http://www.jobs.soton.ac.uk) for further information quoting reference number 1366-07-E in all correspondence.. The closing date for completed applications is 13 August 2007 at 12 noon.

### **3.f) GEOLOGY MASTERS STUDENT SEARCHING FOR AN INTERNSHIP**

A Geology masters student with an undergraduate background in Geology with Oceanography, studying at the University of Southampton is looking to secure an internship within either the geology or oceanography fields, particularly environmental consultancy, geoscience and petroleum sectors. Already armed with experience as a research assistant at the National Oceanography Centre, Southampton interested employers should email [nm204@soton.ac.uk](mailto:nm204@soton.ac.uk)

## **4. AND FINALLY**

### **4.a) ROYAL VISIT TO THE ENGINEERING BUSINESS**

HRH The Duke of Gloucester visited The Engineering Business Ltd at their headquarters at Riding Mill in Northumberland yesterday recently as part of a tour organised by the Lord Lieutenant of the county. During the course of his visit he met a large number of the team of 140 currently working for this rapidly expanding company. For further information go to [www.engb.com](http://www.engb.com)