

# oceanbuzz!

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

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## **1. GENERAL OCEAN NEWS**

### **1.a) ECLIPSE 3D IMAGING SONAR**

Subsea visualisation specialist SRD has introduced Eclipse, a new sonar imaging system with 3-Dimensional measurement capability. This is the first product launch since SRD's inclusion within the Trittech International Group. Aimed at the ROV market, it will be supported by Trittech's global distribution network.

Eclipse is ideally suited for all but the smallest subsea vehicles. A single housing incorporates an orthogonal pair of dual transmit and receive multibeam arrays, operating at 240kHz with a range of up to 120 metres. Eclipse uses SRD's innovative electronic transmit beam-shaping technology, providing the user with a high performance imaging system which is considerably more versatile than conventional 2D sonar. Eclipse can be used in Volume Visualisation, Forward Looking and Profile Imaging modes.

3D Volume Visualisation provides a realistic graphical representation of scanned objects. By electronically steering the horizontal or vertical transmit beam, successive scans illuminate a volume ahead of the sonar over a 120° x 45° field of view. This is converted in real time into a full 3-Dimensional image. A scan rate up to 140kHz is possible at close range, with 7Hz update rate at 100m range.

Additional flexibility allows the user to generate images in either vertical or horizontal planes, with a measurement tool providing range and bearing to any acoustic target. In Forward Looking mode the transmit beam is electronically shaped to provide an instantaneous wide field of view. In the Profile Imaging mode the vertical or horizontal transmit beam is electronically narrowed for enhanced measurement capability. For more information, please contact [enquiries@srduk.com](mailto:enquiries@srduk.com) or visit [www.srduk.com](http://www.srduk.com)

### **1.b) DAVID GOLDSMITH'S MAMMOTH CYCLE RIDE**

During the first two weeks of May 2008, David Goldsmith (Oceanographer with RS Aqua Ltd) and his brother Chris will be cycling from Lands End to John O'Groats, a distance of just under 1,000 miles (1600 kms).

The ride is in aid of Epilepsy Bereaved ([www.sudep.org](http://www.sudep.org)) a charity that is supported by RS Aqua Ltd and, in particular, by proprietors Roger and Sandie Scrivens following the death of their 11 year old daughter Becky in May 2004. You can read Becky's Story at [www.rsaquaco.uk/becky-scrivens-epilepsy-bereaved.asp](http://www.rsaquaco.uk/becky-scrivens-epilepsy-bereaved.asp)

David & Chris aim to complete the ride in 15 days, averaging approximately 70 miles (110 kms) per day. They will be cycling unsupported, staying with friends/family and at B&B's along the way. Via kind support from CLS Argos, Cobham Tracking & Locating and Trident Sensors, David and Chris will be tracked along the route with uploads to the web.

The sponsorship target of £5000 is now a clear light at the end of the tunnel with donations to date being in excess of £3500.

Full details are available at [www.goldsmithsbikebritain.co.uk](http://www.goldsmithsbikebritain.co.uk) the website provides in depth information on the ride, a blog page with the latest news and, most importantly, a link to sponsor the brothers. Corporate sponsorship is also welcomed and rewarded via the display of your company logo on the website (and the great feeling of helping a very worthy cause).

### **1.c) APPLIED MICROSYSTEMS SUCCESSFULLY LAUNCHES SV•XCHANGE**

Applied Microsystems (AML) is pleased to announce the successful launch of SV•Xchange™ - the world's only exchangeable, field-swappable sound velocity sensor. Any SV•Xchange™ sensor can be connected to any Xchange enabled instrument - when you want, where you want - without compromising calibration accuracy.

Oceanology International 2008 was the public launch of this exciting new product and Applied

Microsystems were thrilled with the industry's reactions. With some people arriving at the booth already aware of the SV•Xchange™, AML was pleased with the outcome of their pre-show advertising. Robert Haydock, President of AML, describes how he could "see the wheels start to turn" as people absorbed what a truly field-swappable SV sensor meant for the industry. With interest and enthusiasm high, comments, from visitors and exhibitors alike, such as, "That is such a flexible solution why would you not do it"; "It is perfect"; "A great idea" were not uncommon.

Only 2 weeks after the close of OI 2008, AML received orders for the SV Plus v2 with the SV•Xchange™ option from customers, including new contacts made at the show. With orders being placed and quotation requests high, the SV•Xchange™ is expected to make a large impact for Applied Microsystems.

Applied Microsystems has a 35 year track record of innovation in oceanographic and hydrographic instrumentation. Among the company's engineering achievements, they invented and manufactured the first time-of-flight sound velocity sensor; they engineered and delivered the first underwater mass spectrometer; and they have now launched the industry's first truly field-swappable sensor. For further information, visit [www.appliedmicrosystems.com/svxchange](http://www.appliedmicrosystems.com/svxchange) or contact [sales@appliedmicrosystems.com](mailto:sales@appliedmicrosystems.com)

#### **1.d) SEISMIC CONTRACTS WORTH NOK 425 MILLION FOR ODIM**

ODIM has secured a contract worth just over NOK 425 million from an international seismic survey company. The order covers automated handling solutions for a total of six new three-dimensional seismic survey vessels and options for two additional ships. Delivery is scheduled from 2009.

"This is the largest order we've ever won," says Idar Hatløy, vice president for seismic at ODIM. "It confirms our strong position in the market for automated handling solutions for seismic survey vessels, a segment where we're still seeing good activity." For more information on ODIM, please visit [www.odim.com](http://www.odim.com)

## **2. EVENT, TRAINING AND DEMONSTRATION NEWS**

#### **2.a) IMCA TO HIGHLIGHT CAREERS AT OTC 2008**

As an OTC supporting organisation, the International Marine Contractors Association (IMCA) is delighted that once again there will be an 'Energy Education Institute' aimed at 100 Houston area K-12 science teachers, and will themselves be taking an active role in promoting careers in the marine contracting industry to those teachers, and throughout the four days of OTC 2008 (Booth no: S14, Level 2). Further information on IMCA is available at [www.imca-int.com/careers](http://www.imca-int.com/careers)

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

#### **3.a) ODIM STRENGTHENS GROUP MANAGEMENT**

ODIM ASA has appointed Bjørn Roger Andersen as Senior Vice President for Global after Sales and Service, and Ståle Hoff as Senior Vice President for Human Resources. These appointments form part of ODIM's growth strategy.

Mr. Andersen is currently Vice President for after Sales at Rolls-Royce Marine, Norway. "As our vice president for global after sales and service, Mr. Andersen will be responsible for an important growth area," observes ODIM Chief Executive Jogeir Romestrand.

Mr. Hoff currently manages the Siemens human resources department in Trondheim, with responsibility for expertise and management development in the Nordic and Baltic regions. "Mr. Hoff will strengthen our existing human resources team, and his qualifications will contribute to the continuous development of our organisation and international growth." For more information on ODIM ASA, please visit [www.odim.no](http://www.odim.no)

### **3.b) REGIONAL MANAGER APPOINTED TO OPEN ASIAN BASE FOR ROTECH SUBSEA**

Mass-flow excavation (MFE) specialists Rotech Subsea has appointed Regional Manager Barry Silver to open a base in Singapore to cope with swelling opportunities in the region.

The company has enjoyed growing interest for its services in the oil and gas rich region and establishing a formal Asia-Pacific base was the next step in providing the best service to its current and potential clients. The base will also service the Australian market but there are plans to open a base in Perth, Western Australia within the next 12 months if expected demand is met.

Rotech Subsea had a presence in the region for almost four years, previously with a dedicated Asia Pacific representative and more recently serviced from the Aberdeen base. But establishing an office in Singapore's Orchard Road and storing three of its tools at the Loyang Offshore Supply Base will allow Rotech Subsea to respond to clients within hours rather than weeks.

Regional Manager Barry Silver heads up the team, which is estimated to be 20 full-time staff in a year to 18 months. Barry has lived in the region for three years and has 10 years' experience in the subsea sector bringing a wealth of knowledge to Rotech Subsea about not only the sector, but also the intricacies of the vast Asia Pacific market.

He said: "It is a very important marketplace for Rotech Subsea to firmly entrench itself within. The oil and gas sector across the globe remains strong and South-east Asia is really soaring. With multi-billion dollar commitments from all major operators, the future is very exciting for Rotech to lead the way with our experiences in subsea excavation." For more information, please visit [www.rotech.co.uk](http://www.rotech.co.uk)

### **4. JOB POSTINGS**

#### **a) TECHNICAL SALES POSITION AVAILABLE AT VALEPORT, UK**

Due to continuing growth, Valeport is looking to fill a technical sales position, focussed on the Hydrographic sector of its product range. Dealing with customers both in the UK and worldwide, the successful candidate will be responsible for the retention and development of existing customers, with a particular focus on the acquisition of new business. In addition they will also assist with Development and implementation of sales & marketing plans and strategies; Liaison on sales, marketing and business development matters with the relevant persons within the company; Arranging, organizing and attending the appropriate exhibitions and conferences.

The position will report directly to the Sales & Marketing Manager, with a close working relationship being required with other members of the management team throughout the company. UK and international travel will be required to visit customers, attend exhibitions and conferences, and a full driving licence is essential.

The ideal candidate will have some experience in the coastal & offshore survey business, preferably in the Hydrographic survey sector. Sales experience would be an advantage but a good attitude, professional manner, integrity, inter-personal skills, and the ability to be able to communicate technically with customers are more important. For further information, please email [kedwards@valeport.co.uk](mailto:kedwards@valeport.co.uk)