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## **1. GENERAL OCEAN NEWS**

### **1.a) VITROVEX GLASS HOUSING AND BUOYANCY ORDERS FROM UK RESEARCH CENTRES**

RS Aqua Ltd, UK representatives for the Vitrovex glass product range, report that during the month of June they have received orders for 100+ Vitrovex glass spheres from three of the UK's leading ocean research centres; the National Oceanography Centre (Southampton), the Scottish Association for Marine Science (Oban) and the Proudman Ocean Laboratory (Liverpool). The supplies cover a mix of buoyancy and housing applications.

Vitrovex glass products, originating from the Schott factory in Jena, Germany, have long been respected and renowned for their quality. The manufacturing process involves forming the raw borosilicate glass material into spheres and thick walled tubes via intricate techniques and thermal post treatments. Then a triple grinding process ensures that the equatorial sealing faces are finished to an astoundingly high level of quality that rarely fails to impress users. There is no need to test the mating security of individual Vitrovex hemispheres as any one is guaranteed to mate securely in any orientation with any other hemisphere of the same diameter.

In RS Aqua's experience, buoyancy applications account for the higher volume of sales where the efficient buoyancy to weight ratio makes glass such an attractive solution. However, it is in the area of instrument housings that Vitrovex excels over competition. UK users (POL, OceanLab, CEFAS, SAMS, UEA and many more) would testify to the superb engineering quality of the housings supplied with crafted drill holes and flat grounds for electrical, pressure and vacuum feedthroughs.

RS Aqua's product specialist, Roger Scrivens, will be delighted to provide further information and pricing for Vitrovex products. Visit the latest news section at [www.rsaqua.co.uk](http://www.rsaqua.co.uk) to download product details or contact Roger at [r.scrivens@rsaqua.co.uk](mailto:r.scrivens@rsaqua.co.uk) for discussions and quotations.

### **1.b) EXCITING GROWTH & DEVELOPMENT FOR COASTLINE SURVEYS**

Coastline Surveys is currently undergoing an exciting period of growth and development with new staff appointments and a new office and laboratory in Lowestoft.

A new Geotechnical division has been created in Lowestoft under the capable control of Marcus Noakes, recently appointed as General Manager for the Coastline Group. With the addition of Vibrocore and CPT equipment on board our ship mv Flatholm, and a brand new purpose built soil testing lab, we are able to offer a complete and comprehensive service to our clients and are well positioned to develop new markets for the company. A highly experienced and professional team of management and technical personnel has been put in place to develop this brand new division of Coastline Surveys.

With experience in the survey market stretching back thirty years Marcus Noakes is much respected within the industry and is considered a highly valuable member of any team. Marcus will be taking on the role of General Manager for Coastline with responsibility for existing operations whilst exploring and developing new markets for the company. Marcus will be based in the office in Lowestoft, along with a team of engineers and analysts working closely with their ship, mv Flatholm.

Coastline Surveys are also delighted to welcome James McDonald as Senior Technical Engineer, Hayley Santer as Hydrographic Surveyor and Jane Wood as Office Administrator.

For more information visit [www.coastlinesurveys.co.uk](http://www.coastlinesurveys.co.uk)

### **1.c) IXSEA PARTNERS PLYMOUTH BASED GEOSA TO SHOW OFF ITS 4TH GENERATION SIDE SCAN SONAR – SHADOWS**

IXSEA chose the historic naval port of Plymouth to demonstrate the SHADOWS Seabed Mapping Sonar with GEOSA, an Oceanographic and Marine Innovation Support Company.

The two week mobilisation which included IXSEA GAPS, pre-calibrated USBL, saw more than fifteen companies from European based Offshore and Hydrographic survey industries witness the real time data acquisition and processing capabilities across its full 600m swath coverage. IXSEA demonstrated route

survey, environmental and archaeological recognisance and detailed wreck surveys which were well received by industry representatives.

Richard Parkinson, Director IXSEA Offshore said: "Like many marine equipment manufacturers before us, IXSEA has utilised the diverse geological, bathymetric and anthropogenic artefacts available in Plymouth to demonstrated the step change in seabed mapping that SHADOWS delivers.

"Working with GEOSA's highly professional and experienced team onboard the RV Terschelling was a real pleasure. The plans for GEOSA's Marine Innovation Park are exciting and underline their commitment to innovation in our business sector. We look forward to making use of the facilities again in the future."

Based in Oreston-Plymouth at the mouth of the Plym, GEOSA currently provides permanent employment for six people and accumulated over 1000 man days of employment through its project based activity in 2008. GEOSA is in the final stages of the redevelopment of its site, which will see a new 2.7 acre quayside facility with carnage and dedicated marine assets. Nigel Boston Chairman of GEOSA said: "We hope to continue delivering a 'space' to incubate, encourage and stimulate the growth of marine technology through modular based business units available for a few days or on a permanent basis."

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

#### **1.d) ION SCIENCE RECEIVES INDEPENDENT VERIFICATION FOR BEST PERFORMING PID**

The Ion Science PhoCheck+ has received independent verification as the best performing PID by the state of Maine Department of Environmental Protection (ME DEP). Subsequent to a stringent testing and selection process between competing PID technologies, the ME DEP has standardised the Ion Science PhoCheck+ 3000 for use in all their underground storage tanks, emergency response and air monitoring applications.

The ME DEP evaluated the PhoCheck+ 3000 against its closest competitor for ease of use, speed, repeatability and linearity between concentrations. Firm evidence showed the Ion Science PID to give more consistent, clearer readings and was faster to read results.

To strengthen the ME DEP's findings, a subsequent trial was conducted to compare a PID cell incorporating Fence Electrode Technology against one equipped with Humidity Compensation. The published data proves that an Ion Science PID with Fence Electrode Technology is twice as accurate, more stable and faster than a PID with Humidity Compensation.

The data shows that when operating in changing or high humidity environments, a Fence Electrode PID is much less subject to drift, while responding and clearing out faster, resulting in much fewer non-reports.

For a copy of the published data 'An Evaluation of Competing Technologies', please contact Ion Science. Methodology of the ME DEP independent verification, with a summary of all the PIDs tested can be downloaded from the following website:

<http://www.neiwpc.org/tanks09/presentations/Whittier%20PID%20Presentation%20-%20Full%20Set.pdf>

#### **1.e) ROLLS-ROYCE ACQUIRES 33 PERCENT OF THE SHARES IN ODIM**

Roll-Royce has acquired 33.0 percent of the shares in the technology company ODIM from Aker Solutions ASA. The board of directors will as soon as possible initiate a dialogue with Roll-Royce to clarify the intentions behind the transaction.

"The ODIM board welcomes Rolls-Royce as a new principal shareholder. The board of directors will as soon as possible initiate a dialogue with Rolls-Royce to clarify the ambitions to the new shareholder. Our objective is that all shareholders will have the same access to information regarding ODIM and will receive equal treatment", says Chairman of the Board Karl Erik Kjelstad in ODIM.

ODIM has appointed SEB Enskilda as a financial advisor to evaluate the strategic options for ODIM, including the ownership structure. The ODIM board will actively work to maximize return for all shareholders.

For further information contact Karl Erik Kjelstad, Chairman of the Board, +47 950 85 849  
Jogeir Romestrand, CEO, +47 913 30 387

## **2. WHO'S ON THE MOVE?**

### **2.a) PRESENS WELCOMES ABOARD PETER SHEPHERD**

The Norwegian sensor technology company PRESENS AS has appointed Mr. Peter Shepherd to the position of Business Development Manager, General Sensors. Peter brings considerable experience of commercial sales across a range of global markets and will be responsible for cultivating new business development and product application opportunities within the oceanographic, calibration & reference, test and industrial industries worldwide.

Through years of continuous development and refinement of their unique core pressure sensor technology, PRESENS has created a portfolio of highly advanced pressure transmitters with characteristics that enable countless new possibilities in pressure measurement. The addition of Peter Shepherd to their staff signifies an important step towards further commercialization of this technology.

"PRESENS is an exciting company with a huge growth potential", says Peter. "Its unique and versatile technology can be adapted to numerous applications within a wide range of industries. My responsibility is to scrutinize the market opportunities and set priorities. To succeed we must be completely focused on understanding the specific needs of our customers, and then provide effective solutions to address those needs."

Peter Shepherd was graduated from De Montford University (Bedford) with a HNC Electronics & Radio, followed by a Manager Development Programme in the Ministry of Defence and a Key Account Management Course. Most recently, he served as Product Marketing Manager for GE Sensing, where he was responsible for the product and marketing strategy and had the full sales accountability for their Subsea and Aerospace portfolio. He has a broad experience ranging across different job functions stretching from project management through to accounting profitability initiatives, but primarily focused on a technical/commercial function.

Peter joined GE Sensing from a long and successful career in Druck Ltd. where he acquired specialist knowledge of Test and Measurement instrumentation and applications within diverse sectors such as oil & gas, subsea, power generation, aerospace, water & waste, automotive, marine, defence, healthcare and mining.

"Peter's extensive experience in sensor technology and instrumentation applications, backed with strategic skills formed from strong product marketing experience and a proven track record of success in a broad range of segments, will be of great value to PRESENS", says PRESENS President Frode Meringdal. "We are confident that he will make a significant contribution to our continuing growth as a supplier in advanced sensing solutions for demanding applications."

For more information, please contact: Mr. Frode Meringdal, CEO E-mail: [frode.meringdal@presens.com](mailto:frode.meringdal@presens.com)  
Web: [www.presens.com](http://www.presens.com)

## **3. EVENT, TRAINING & DEMONSTRATION NEWS**

### **3.a) EDGETECH ANNOUNCES 2009 SONAR TRAINING SEMINAR**

EdgeTech will be holding their annual sonar training seminar at their West Wareham, Massachusetts facility from September 15<sup>th</sup> - 17<sup>th</sup> 2009. This comprehensive course will cover sonar theory, operational training, system maintenance and post processing data for all of EdgeTech's standard side scan sonar, sub-bottom profiling and combined systems. The format for the seminar will be two days of classroom instruction and one day at sea.

For additional information or to reserve your spot please contact Karen Lariviere - [karenl@edgetech.com](mailto:karenl@edgetech.com), +1 508 356 9710.

### **3.b) OIL SPILL RESPONSE AND STRATEGIES TRAINING**

Ohmsett – The National Oil Spill Response Test Facility will hold an Oil Spill Response and Strategies Training Course September 21-25, 2009. This week long hands-on training session will take place at the Ohmsett facility, located in Leonardo, NJ.

Taught by first-class instructors from Texas A&M University National Spill Control School, the course is designed with oil spill response personnel in mind. It is the only program where students practice hands-on oil recovery operations in the test basin using real oil. Students will learn the decision-making and responder skills essential to efficient oil spill response/recovery operations.

The program also incorporates NIMS Incident Command Systems training, Series I-100 and I-700 using the Incident Management Handbook and ICS forms, all of which are integrated into a table-top spill response exercise the last day of the training.

Upon completion, students will receive a certificate of completion which includes the 8-hour HAZWOPER refresher.

Ohmsett's mission is to increase oil spill response capability through independent and objective performance testing of equipment, providing realistic training to response personnel, and improving technologies through research and development.

Registration and payment forms, as well as a brief description of the course and agenda, can be found on the Ohmsett website at <http://www.ohmsett.com/Training.html>.

For more information, please contact Susan Cunneff at 732-866-7185 X12 or send e-mail to [scunneff@ohmsettnj.com](mailto:scunneff@ohmsettnj.com).

## **4. JOB POSTINGS**

### **4.a) HYDROGRAPHIC SURVEYOR, HULL, UK**

Associated British Ports is the UK's largest and leading ports group, handling about a quarter of the country's seaborne trade.

They have a vacancy for a Hydrographic Surveyor based in Kingston upon Hull.

The main duties of this role are the collection of single beam data and production of surveys in the form of fair charts for the Rivers Humber, Trent and Ouse. Other duties include the production of further related information, maintenance of an office database and sections of the Humber Estuary Services web site along with assisting with the sale and distribution of charts and data to external agencies.

In order to undertake the main duties, applicants will have a thorough knowledge of hydrographic survey techniques and equipment applicable to Ports and Estuaries. Good communication and the ability to work as part of a team are both fundamental for this role. Experience in the use of software used in hydrographic data acquisition and processing is essential along with a good understanding of C.A.D as is a relevant qualification in hydrographic surveying.

A full clean driving licence, excellent computer skills, a flexible approach to working hours and a willingness to undertake any other tasks assigned by the Hydrographer are also essential.

The successful applicant will receive a competitive rate of pay. Benefits include private medical insurance, life insurance and Company pension.

Please apply in writing enclosing your full CV to: Assistant Personnel Manager, Associated British Ports, P O Box 1, Northern Gateway, Hull HU9 5PQ, alternatively, send you CV via e-mail [hfirman@abports.co.uk](mailto:hfirman@abports.co.uk)  
Closing date for applications is: 16th July 2009