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1. GENERAL OCEAN NEWS

1.a) DEMAND PROMPTS EMU TO EXTEND SURVEY FLEET

Emu Limited has purchased a 35m survey vessel to add to its current fleet of four vessels which range up to 24m. The new acquisition will allow Emu to operate further offshore and for longer periods, enabling deeper water surveys to be completed within tighter time-scales.

Operations Director, Dr Huw Powell explains “Emu is experiencing unprecedented demand for consultancy and survey services. Coupled with our recruitment programme, the new vessel will help us meet this demand.”

The new vessel is currently being refitted in Southampton to enable it to support geophysical, ecological and oceanographic site surveys, as well as geotechnical assessments using vibrocores and CPTs.

He further added “We recently doubled the size of our head office at Durley near Southampton as Emu now employs 90 professional staff and our plans for additional laboratories, office, workshop and stores accommodation at a dockside location are well advanced.”

The new vessel will be in service in July, ready to undertake an ecological survey in the English Channel for an aggregate development, before moving onto oil and gas, and offshore wind projects in the North Sea.

For further information contact Peter Powell Tel: +44 (0)1489 860050 email:

Peter.Powell@emulimited.com Website: www.emulimited.com

1.b) DELPH V 2.7 : SONAR & MAG DATA EXPORT TO GOOGLE EARTH

A growing number of organisations, universities, ports, river authorities, survey companies are interested in visualizing their own sonar and magnetometer data in Google Earth.

With the new release of DELPH Sonar V 2.7, IXSEA is pleased to announce easy and intuitive export functionality to Google Earth in sonar interpretation.

DELPH Sonar Interpretation enhances sonar data interpretation in a very user friendly environment. Export of .XTF sonar data into Google Earth is accurate, quick and easy. (The same facility is also available in DELPH Mag V 2.7).

IXSEA offers to all sonar data users the possibility to visualize their own data in this environment. All interested parties are invited to send one or several of their favourite data sets to IXSEA who will return them processed and ready for visualisation in Google Earth. (for the Sonar: XTF, for Mag data: ASCII with time, position and field values).

Data set can be sent by CD/FTP or other means, please contact delph@ixsea.com.

1.c) OSIL UTILISE SONTEK ADCP FOR DEEPWATER CURRENTS

Deepwater currents are notoriously difficult to measure, the problems of working at depth, moorings, frame design, deployment and recovery all need to be taken into consideration for a successful deployment and recovery. This becomes even more demanding when working in the vicinity of an offshore platform.

OSIL (Ocean Scientific International Limited) have designed a cost effective system for these testing deployments using the SonTek's Acoustic Doppler Current Profiler and surrounding it with their own deployment frame. The SonTek ADCP (Acoustic Doppler Current Profiler) is a high-performance, 3-axis, water current profiler that is accurate, reliable, and easy to use. The ADCP uses state-of-the-art transducers and electronics designed to reduce side-lobe interference problems that plague other current profilers.

With a range of 180m the SonTeK ADCP has greatly expanded the ability to make detailed current measurements in these challenging field applications. The OSIL deployment frame ensures the rig stays upright on the seabed and that there is no interference to the ADCP. In addition to this the frame has a double failsafe recovery system utilising two Sonardyne acoustic releases per frame. The first of these systems are scheduled for deployment in the Middle East during the summer of 2009.

For more information about and also about the SonTek ADCP, and OSIL's extensive range of products and services, please visit the OSIL website at www.osil.co.uk or call +44 (0)23 9248 8240.

1.d) SONARDYNE'S NEW LONG-LIFE COMPATT 5 MAX LAUNCHES WITH A MAJOR ORDER

Subsea 7 has placed an order for 21 of Sonardyne International's new Compatt 5 Max subsea positioning transponder for use in BP's Skarv field offshore Norway. The Max transponder has been introduced by Sonardyne to meet operator's needs for a semi-permanent seabed transponder that can be utilised for life-of-field subsea positioning tasks. An ultra long battery life enables Compatt 5 Max transponders to be left in-situ throughout all drilling, production and construction activities. It is expected that this will produce valuable cost savings for field operators by minimising the vessel deployment costs typically associated with installing, recovering and then re-installing seabed transponders for each positioning task.

The Compatt 5 Max transponders delivered to Subsea 7 will be deployed this summer (2009) in the Skarv field which is the largest current ongoing field development offshore Norway. Their first task is to provide precise positioning for the installation of various subsea templates in water depths ranging from 350 to 450 metres. With the transponders left deployed, the units will be available at any time for other tasks including metrology, cut-to-length and umbilical lay.

Fitted with lithium batteries, the new transponder has been calculated to offer a working life of two years of continuous operation for subsea navigation and data telemetry functions. This is substantially longer than conventional seabed transponders however real-life predictions, taking account of periods of inactivity, suggest the Max's battery life to be three years.

In addition to a long operating life, a Compatt 5 Max transponder provides all the benefits of Sonardyne's Wideband signal technology for multi-vessel and subsea vehicle positioning. A network of Compatt 5 Max transponders can therefore be used to provide DP and survey references for different vessels undertaking different tasks simultaneously. This applies to vessels equipped with both Sonardyne and non-Sonardyne systems such as Kongsberg's HiPAP®.

A range of integrated sensors is available with the Compatt 5 Max. These include sound velocity sensors which are fitted as standard and permit positioning to be corrected for local variations in sound speed through the water column. Subsea 7 has ordered all omni-directional transponders although directional transducers are also available for deep water deployment in water depths up to 5,000 metres.

For more information contact David Brown, Marketing Communications Manager, Sonardyne International Ltd www.sonardyne.com

1.e) AGEOTEC AND ENAMOR-NEW PARTNERSHIP FOR POLISH MARKET

Ageotec is currently undergoing a brilliant period of growth and development with new staff appointments, and increasing partnerships all over the world.

A new promising partnership has been established as a result of the noteworthy organization of the Enamor Company recently appointed as our main contact and partner in Poland for promoting our products and services among Polish customers.

A technical and wet demonstration of Ageotec's Rov took place in Gdynia first on board of Morska Academy Vessel "Horyzont II", followed by a technical presentation at the recent World Hydrographic Day organized by the Naval Academy on June 19th 2009.

The Conference was addressed to scientists and professionals in order to share their knowledge, experiences and research results concerning all aspects of navigation as well as ROV operations

Both presentations held by our technician and sales manager enabled us to show a complete overview of Sirio's and Perseo's capabilities and features to potential Polish customers: Polish Hydrographic Office, Hydrographic Bureau of the Maritime Office in Gdynia, Hydrografic Maintenance Division of Polish Navy, Maritime Office in Szczecin, Petrobaltic / Oil and Gas Mining, Coast Guard, Polish Maritime Academy ecc

The whole project is an answer to the real need of the growing Polish market to get informed and supported in its increasing demand. The project also testifies how Enamor and Ageotec have joined their forces to offer satisfying solutions and services in the Polish hydrographical field.

For further information please Tel: +39 051 6133382 or vis www.ageotec.com

1.f) APPLIED ACOUSTICS' PRESSURE TEST TANK FOR HIRE

Applied Acoustics, a manufacturer of undersea positioning, tracking and sub-bottom profiling equipment, has a new 6000m rated pressure testing facility. Newly constructed in 2009, this facility is now available for hire at the Great Yarmouth factory.

The chamber has a maximum operating pressure of 690 bar and has an internal diameter of 340mm with a useable length of 1500mm. This allows for most transducer assemblies and towfish designs to be catered for. Assemblies of up to 500kg can be handled by the overhead hoist.

The Pressure Test Tank is sunk into the ground to ease the handling of the Devices Under Test (DUT) and is positioned close to roller-shutter doors for access. The Pressure Test Tank also has the facility to offer penetrator openings through the top end cap.

Hire rates are based on half, full-day or longer periods as required.

For more information www.appliedacoustics.com smeeken@appliedacoustics.com

1.g) SEACON ADVANCED PRODUCTS, LLC OF BELLVILLE, TEXAS AWARDED ISO 9001:2008 CERTIFICATION FOLLOWING AN INDEPENDENT AUDIT

ISO 9001:2008 is the latest version of ISO 9001 and is the internationally recognized standard for a quality management system which focuses on an organization's actions to meet and continually improve customer satisfaction and quality requirements.

Formed by the Group in 1999 to focus directly on the Lockheed Martin designed HYDRASTAR and CM2000 high integrity underwater mateable connectors, SEACON Advanced Products, LLC moved to a new 5 acre facility in Texas during 2005. Today the division continues to develop state-of-the art products, including underwater mateable fiber optic connectors such as the HYDRALIGHT, MICROSTAR, S-Series and recently developed G3 together with a vast range of optical and hybrid dry-mate connectors. In addition to the underwater mateable optical connectors, SEACON Advanced Products, LLC also continue to design and manufacture the CM2000 underwater mateable electrical connector along with a range of single and multiple channel optical fiber and hybrid penetrators, field installable umbilical terminations, electrical and optical jumper assemblies and a vast range of switches. SEACON Advanced Products, LLC also provide full service and support for its underwater mateable products as well as consultancy services and is committed to working closely with customers to determine the appropriate optical and electrical connection system.

Achieving ISO 9001:2008 accreditation shows SEACON Advanced Products, LLC's dedication in providing customers with continuing high quality products and services.

For further information please contact SEACON Advanced Products, LLC on +1 (979) 865-8846 or e-mail sales@seacon-ap.com.

1.h) OFFSHORE MARINE OPENS CAMBRIDGE OFFICE

Marine solutions company, Offshore Marine Management (OMM) has opened an operations office in Cambridge to provide project management and operations support services for its submarine cable projects in the telecoms, power and offshore wind industries.

Contact details for the new office are: Offshore Marine Management, Oakington Business Park, Dry Drayton Road, Oakington, Cambridge CB24 3DQ, United Kingdom, Tel: +44 (0) 1223 202 323/324

For more information, contact Eckhard Bruckschen on M: +44 (0)7775 728870 or email: EckhardB@offshoremm.com or visit the website: www.offshoremm.com

1.i) IAPSO STANDARD SEAWATER BUCKS THE TREND

International oceanographic marine instrument and systems provider, OSIL (Ocean Scientific International Limited), are continuing to see strong sales of their IAPSO Standard Seawater range despite general economic downturns.

OSIL are the proud producers of this internationally recognised calibration standard for the measurement of Practical Salinity, approved by all the major oceanographic bodies and endorsed by the International Association for the Physical Sciences of the Ocean (IAPSO). The widespread use of this single source, high precision standard has been crucial in the comparability of salinity data which has been collected worldwide. OSIL's Managing Director, Dr Richard Williams comments 'our IAPSO Standard Seawater is crucial for research, and we currently ship to over 75 countries world-wide. Our superb logistics allow us to get the product shipped anywhere in the world in a few days, often next day if required'.

The IAPSO standards are prepared from natural seawater and are available in a range of salinities for use in measurements according to the Practical Salinity Scale 1978. The company also produces a full range of Nutrient Standard Solutions for the measurement of Phosphate, Silicate, Nitrate, Nitrite and Ammonia in seawater.

For more information about OSIL's extensive range of products and services, please visit the OSIL website at www.osil.co.uk or call +44 (0)23 9248 8240.

1.j) SEEBYTE SEES A WAVE OF OPPORTUNITY WITH LATEST UNIVERSITY AGREEMENT

SeeByte, a leader in creating smart software for unmanned underwater vehicles, and the University of Balearic Islands are making waves with their latest software license agreement as they move towards a more advanced AutoTracker product. Having worked together since the inception of AutoTracker, the University was pleased to support the further development of this product.

AutoTracker is a world-first technology developed to enable autonomous underwater vehicles (AUVs) to carry-out export pipeline inspections with the utmost precision. AutoTracker uses its existing payload sensors to detect and adjust its own trajectory to accurately track the pipeline. This innovative product currently holds the world-record for the longest (22km) continuous autonomous inspection of a subsea pipeline.

"Collaboration with academia is something that SeeByte holds in high regard. Working with various worldwide universities to help bring products to market is a win-win situation for all parties involved. We actively pursue opportunities such as these and look forward to partnering with other universities on projects in the future," said Dr. Ioseba Tena, SeeByte Sales Manager.

Oscar Calvo, lecturer at the University of Balearic Islands and lead researcher of the UIB development team adds, "This is an exciting venture for the University to be able to partner with a global company like SeeByte. We have very much enjoyed working with them and are happy to see our students benefit from the SeeByte internship placements that have been made available to them. This latest agreement allows us to see our laboratory technology brought to life in the real-world marketplace and helps us gain global recognition through our involvement."

For those that are interested in partnership opportunities, please contact SeeByte at info@seebyte.com.

2. WHO'S ON THE MOVE?

2.a) OFFSHORE MARINE MANAGEMENT WELCOMES NEW PERSONNEL

Marine solutions company, Offshore Marine Management (OMM) announces the recruitment of two new managers to assist the company with its continuing expansion.

Eckhard Bruckschen is the new Operations Manager responsible for the coordination, management, planning, budget and execution of all operations.

He is a Master Mariner and MBA with more than 20 years experience in the offshore industry. He has operational experience of plough and trenching/ROV operations; fibre optic, power, umbilical and flexible pipe installation; remedial works; burial and bridge operations. His onshore experience includes project and installation management, equipment development, capital budget management, system support and Engineering, as well as Bid Management and Sales.

Arron Burrows is the new Offshore Manager responsible for all offshore projects.

He is a Hydrographic Surveyor (FIG/IHO Category A) with 22 years experience in the survey industry, predominately in the offshore oil and gas, construction and submarine cable industries. His onshore experience includes survey and software training, HR management, survey and software support, survey R&D and project management.

For more information, contact Eckhard Bruckschen on M: +44 (0)7775 728870 or email: EckhardB@offshoremm.com or visit the website: www.offshoremm.com

3. EVENT, TRAINING & DEMONSTRATION NEWS

3.a) MARINE MANUFACTURER'S BREAKFAST CLUB – 22ND JULY 2009

On the 22nd July 2009 the National Oceanography Centre, Southampton (NOCS) will be hosting the next in its series of Marine Manufacturer's 'Breakfast Club' meetings.

For those of you that have attended previous Breakfast Club meetings you will notice that the format has changed slightly from previous meetings. Rather than providing a look into the future requirements of the National Marine Equipment Pool, they will be providing a look back, from an Engineering and Scientific perspective, at a Physical Oceanography cruise on board James Cook operating in the Southern Indian Ocean.

This will give you a unique opportunity to find out how the equipment you provide performs. Still included will be the free format networking opportunities as always, as well as a presentation from **Stephanie Waterman** (Scientific perspective) and **Paul Provost** (Engineering perspective).

Breakfast will be served from 0830 with the presentations beginning at approximately 0915. The rest of the time is available for industry to meet with the scientists and engineers from the marine User Groups and National Marine Facilities Sea Systems and take part in opportunistic discussions, whilst enjoying breakfast and a coffee.

The Breakfast Club meets twice yearly, alternating with the Marine Measurement Forum, if you would like to attend this event please email Aidan Thorn, adft@noc.soton.ac.uk by 15th July 2009.

3.b) SECOND IMarEST METOCEAN AWARENESS COURSE OPEN FOR BOOKINGS

Meteorology and oceanography (metocean) have a major impact on design and operations in all elements of the offshore industry. From a business perspective, it is imperative that users of metocean information in the offshore oil and gas and marine renewables industries are fully aware of the implications that the weather, waves, currents and water levels can have on their operations or design work. Experience has shown that if they are not, things can go wrong, with serious health and safety and economic consequences.

Following the success of the first Institute of Marine Engineering, Science and Technology (IMarEST) three-day Metocean Awareness Course, held earlier this year, the second in the series is to be held Tuesday 15-Thursday 17 September at IMarEST headquarters at 80 Coleman Street, London EC2R 5BJ in the heart of the City of London. The course is designed to ensure greater awareness of metocean conditions worldwide amongst project managers and engineers working in the offshore industries involved in operations or design, ranging from new industry entrants to those with many years' experience.

Once again the course format will include a mixture of short presentations and participatory workshop sessions including a group case study exercise.

Further information on the course is available from technical@imarest.org and at <http://www.imarest.org/Events/IMarESTEvents/MetoceanAwarenessCourse/1517September2009/tabid/843/language/en-GB/Default.aspx> where the full programme for the three days appears (with information on the Early Bird Discount of £200 for places registered by 14 August 2009); and from +44(0)20 7382 2628.

4. JOB POSTINGS

4.a) EMU LIMITED SEEK HEALTH, SAFETY & ENVIRONMENTAL ADVISOR

Emu Limited is a multi disciplinary marine consultancy and survey company based in Hampshire which employs 85 people and operates 4 offshore survey vessels. Many staff work offshore, on structures and at height, in company laboratories, and on more than one site. Much of the demand for Emu's expertise comes from the offshore aggregate, renewable, and oil and gas sectors. Emu has a good H&S record and is successfully audited by clients on a regular basis.

This is a key senior role, reporting directly to the Board providing an opportunity to join a dynamic, expanding company and influence the way in which the business operates.

Primary responsibilities: To be the source of HSE expertise across the whole company. Provide support to staff as project-specific H&S plans are prepared comprising emergency response procedures, risk assessments and mitigation measures.

Management and continual improvement of existing HSE systems. Audit of vessels and departments against systems and procedures. Collation and generation of regular reports and accident statistics. Lead investigation into all incidents including near misses including identification of process improvements. Identify any trends in incident statistics and recommend changes.

Management of the quarterly Emu H&S Committee. Maintain awareness of the legislative environment. Review HSE literature in line with current changes in government legislation and industry best practise. Promote a culture of health and safety awareness and of safe working. Communication with staff needs to be frequent, varied and stimulating. Provide HSE input to tendering and business development activities. Training of new and existing employees.

It is anticipated that applicants will be strong communicators, have a proactive approach, a NEBOSH certificate and be willing to work at all of the Emu sites and visit the vessels.

Please send your CV and a covering letter to Laura Powell at emu@handoverhr.co.uk

4.b) OSIL REQUIRE SYSTEMS ENGINEER: ENVIRONMENTAL MONITORING

Six Month/full time contract in the first instance. OSIL require an experienced Engineer to support field applications in environmental monitoring, in particular marine systems.

Requirements; Practical knowledge of mechanical and electrical instrumentation, Understanding of buoy systems, Experience of communications and moorings in coastal applications Salary negotiable.

Offices based in Havant. Please send a copy of your current CV and a covering letter to Laura Newnham at Laura.Newnham@osil.co.uk