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1. GENERAL OCEAN NEWS

1.a) OCEANSCIENCE CELEBRATES GROWING POPULARITY OF ITS UNDERWAY CTD SYSTEM

The Oceanscience Group, USA, reports continued success of their latest generation UnderwayCTD (UCTD™), the revolutionary sensor deployment system that allows repeatable research grade CTD casts while underway at over 10 kt.

In the Pacific Ocean, the UCTD™ will be providing opportunistic CTD profiles during transits in the ITOP (Impact of Typhoons on Ocean in Pacific) project, while tropical Atlantic researchers in the PIRATA (Prediction and Research Moored Array in the Atlantic) program will be similarly increasing their vessel productivity on inter-buoy transits by deploying the UCTD™. Farther south, after providing important high-quality upper ocean salinity measurements in the Antarctic, the South African CSIR (Council for Scientific and Industrial Research) UCTD™ system used on the Southern Ocean Carbon - Climate Observatory study has defrosted and is being readied for the next campaign. In Europe, the Portuguese EMEPC project (Task Group for the Extension of the Portuguese Continental Shelf) summer cruise schedule will feature the UCTD™ newly installed on the RV Almirante Gago Coutinho.

Oceanscience's Senior Scientist and UCTD™ system developer, Dr. Jochen Klinke commented, "The system's recipe for success is simple: it allows our customers to collect high quality temperature and salinity data, with a system that can be installed on almost any vessel with a minimum of investment."

Oceanscience designs and manufactures systems and deployment platforms for hydrologic and oceanographic instrumentation, including seafloor platforms, remotely-controlled and autonomous survey vessels, custom buoys, and the UCTD™.

For further information on The Oceanscience Group or its products visit www.oceanscience.com

1.b) ENVIRONMENTAL SAMPLE PROCESSOR (ESP) LAUNCHED BY MCLANE RESEARCH LABORATORIES

Ocean Instruments Ltd are pleased to advise that McLane Research Laboratories have launched the Environmental Sample Processor (ESP), a revolutionary autonomous biogenomic sensor. Working with partners at Monterey Bay Research Institute and Spyglass Biosecurity, McLane's first ESP was shipped to Don Anderson at Woods Hole Oceanographic Institution.

The Environmental Sample Processor (ESP) provides insitu collection and analysis of water samples from the subsurface ocean. The instrument is an electromechanical, fluidics system designed to collect discrete water samples, concentrate microorganisms or particles, and automate application of molecular probes in order to identify microorganisms and their gene products. Data generated are then available for remote retrieval and analysis in near real-time.

The system is a modular design consisting of a core sample processor (the ESP), analytical modules and sampling modules. The core ESP provides the primary interface between the environment and a set of DNA and antibody-based sample processing technologies that are applied onboard the instrument in real-time. In addition, the ESP can be used to archive samples for a variety of analyses after the instrument is returned to a laboratory. The system provides expandability to allow installation and control of secondary analytical modules for parallel processing of collected samples.

Further information from Ocean Instruments Ltd info@oceaninstruments.co.uk

1.c) PIONEERING NEW FRONTIERS WFS COMPLETES SUCCESSFUL FIELD TRIALS OF WIRELESS COMMUNICATION THROUGH ICE

WFS Technologies and Kongsberg Maritime Subsea have completed successful field trials of wireless communication through ice. The trials conducted during February/March 2010 in Horten, Norway, demonstrated wireless communication from sea water, through-ice and into the air using radio frequency (RF) technology. Field trial observations matched theoretical simulations and WFS predicts it can achieve communications through meters of ice and then up to 1km in air.

Wireless communications with AUVs and sensors under ice is a breakthrough that is anticipated to deliver substantial cost savings in environmental monitoring, exploration and production activities the world's ice regions of Canada, the USA, Scandinavia, and Russia. The use of AUVs under ice will greatly increase knowledge about topography, oceanography, marine life and marine systems in arctic areas.

These trials are part of collaboration between WFS and Kongsberg Maritime, to develop a wireless system for location of and communication with the HUGIN AUV in ice conditions. The €1.8M, 2-year project will deliver the world's first wireless, through-ice wireless location and communication system.

The through-ice radio location system will enable a surface vessel, a helicopter or an unmanned aerial vehicle (UAV) to communicate with and locate an AUV under the ice at up to 1km range, and will be a key component in removing risk of under-ice AUV operations.

Applications of the system are Environmental monitoring: AUVs deploy sensors under ice and harvest data. Oil & Gas: monitoring of pipelines and other assets to support primitive condition monitoring and intervention repairs and Homeland Security: monitoring under ice to protect assets.

The recent through-ice communications trials at Horten in Norway have shown excellent agreement between measured and simulated results. Next steps for the project are to extend the range of communication and to integrate the technology with sub-ice vehicles.

For more information about WFS Technologies, visit www.wfs-tech.com

For more information on Kongsberg Maritime, visit www.km.kongsberg.com

1.d) ROPE FORUM ESTABLISHED BY IMCA'S CRANE & WINCH WORKGROUP

Discussions on the issues that develop from the use of all types of rope in the offshore industry will be facilitated by the new 'Rope Forum' established by the International Marine Contractors Association (IMCA) Crane & Winch Operations Workgroup (CWO).

"The group will be made open to all so manufacturers of cranes, winches, wire and fibre rope will have a place where they can meet the users of their equipment and discuss issues," explains IMCA's Technical Director, Jane Bugler. "Meetings may concern design issues relating to the construction and use of large diameter wire ropes or the problems associated with the lubrication of wire ropes in a heave compensation system. Others may involve the use of swivels, terminations, bending stresses, or the latest developments in fibre ropes and the design and use of their intended winch drums. Those interested in joining the new forum should contact Philip Wiggs at Philip.Wiggs@imca-int.com."

Information on IMCA's activities on behalf of member companies is at www.imca-int.com and from the Association at 52 Grosvenor Gardens, London SW1W 0AU, UK. Tel: +44 (0)20 7824 5520; Fax: +44 (0)20 7824 5521; email: imca@imca-int.com

1.e) ORE OFFSHORE (AN AFFILIATE OF EDGETECH) COMPLETES A SHIPMENT OF 100 LONG-LIFE ACOUSTIC RELEASES

ORE Offshore (an affiliate of EdgeTech) recently announced completing a shipment of 100 long-life acoustic releases. The Push Off Release Transponder Medium Frequency Extended Life (PORT MFE) systems were shipped to a customer involved with a major fish tracking research program.

The units offer unique capabilities that are well suited for shallow to medium depth long-life applications. The PORT MFE operates for five years on welded "AA" alkaline batteries. Additional features of the PORT include: a release load of 250 kg, capable water depth of 3500 meters and acoustic reply status which indicates a tilted angle, release confirmation and battery status. The unit operates with a mechanical drive off system and Ultem link that is ideal for areas which are susceptible to corrosion, growth or sediment build up. The PORT also is available in a Pop-Up configuration or with a strong back option to handle increased loads. The medium frequency acoustic command structure is very reliable in areas where vessel traffic is common and is unsurpassed in multi-path environments.

Along with the shipment of the PORT MFE systems, multiple surface command units, model AMD200RMF, were sent to the customer as well. This portable, light weight deck box comes with 20 meters of cable and a dunking transducer for ranging to and releasing the PORT MFE. Additionally, the PORT MFE is compatible with the ORE TrackPoint ultra short baseline (USBL) system for accurate positioning and quick relocation. In addition to this shipment, ORE Offshore recently received another order for 100 PORT MFE systems. Those units are currently in production and slated to ship in September this year.

For enquiries please email sales@ore.com

2. EVENT, TRAINING & DEMONSTRATION NEWS

2.a) RAISE YOUR PROFILE AT THE INTERNATIONAL SENSORS WORKSHOP

On 10 September 2010 the National Oceanography Centre (NOC) in Southampton will be hosting an international workshop focusing on exciting developments in microfluidics and sensor technology. The workshop has attracted world-leading microfluidics and sensor experts from across Europe and the United States. The Centre for Marine Microsystems at NOC are organising this event and are currently seeking sponsorship. The event has already attracted sponsorship from Chelsea Technologies Group for an award for the best poster submitted at the workshop and from Ocean Business 2011, who continue their support of the industry, sponsoring the wine reception.

The NOC are looking to obtain, give-away items for delegates of this workshop. They would like to provide all of their delegates with a USB stick, fully branded in the sponsoring organizations logo and style, which would be loaded with the presentations from the workshop. This is a fantastic opportunity for a company to reach an international audience, of up to 120 people including influential world-leading experts. Any sponsoring organization would also have their company logo added to all promotional materials related to the event.

Full details of the workshop can be found at http://www.soton.ac.uk/cmm/challenger_workshop.html

If you would be interested in discussing this sponsorship opportunity please contact Aidan Thorn adft@noc.soton.ac.uk

2.b) JOIN TRANSNV 15 TO 17 JUNE 2011 IN GDYNIA

It is time to register for the 9th International Symposium on "Marine Navigation and Safety of Sea Transportation" TransNav 2011, which is co-hosted by the Faculty of Navigation, Gdynia Maritime University and the Nautical Institute. The event will take place 15th to 17th of June 2011 at the Gdynia Maritime University in Gdynia, Poland.

The deadline for on-line registration is 1 October 2010.

For conference registration and abstract submission, visit the conference web-site: <http://transnav.am.gdynia.pl>

2.c) BOOKING OPENS FOR ABPmer COASTAL MANAGED REALIGNMENT EVENT 10 NOV 2010, WESTMINSTER

ABP Marine Environmental Research Limited (ABPmer) a recognised authority in coastal habitat creation has announced it will host a seminar on optimising the delivery of coastal managed realignment on 10 November 2010. The aims of the event are: to bring together parties involved in managed realignment practice; to share experiences and; to address the current state of knowledge with a view to identifying the way forward for undertaking better and more cost effective schemes in the future.

Being held at One Great George Street, Westminster; the seminar is aimed at coastal management regulators, coastal practitioners, engineers, consultants and other stakeholders with a role or interest in the future planning and management of the coast. The day will consist of three sessions exploring site selection, scheme design, stakeholder engagement and other hot topics such as ecosystem services.

Colin Scott, ABPmer Environment Specialist said "ABPmer has been involved in a number of managed realignment projects around the UK and maintains a 'live' online database of European schemes (OMREG). However, our experience is just one small part of the vast amount of work that has been done by many different organisations in the UK, and across the rest of Europe, over the past two decades. There is, therefore, a massive amount of good practice for all parties to tap into and exchange. We want to bring people together to build an understanding of the main gaps and opportunities for improving future delivery, to prioritise actions and considerations for streamlining the delivery of future schemes and, to explore mechanisms to maintain knowledge transfer."

To book please download the conference flyer www.abpmer.co.uk/files/mrbookingform.pdf

2.d) DELIVERING VALUE IN MARINE OPERATIONS – HIGHLY TOPICAL IMCA ANNUAL SEMINAR

'Delivering value in marine operations' is the highly topical theme for the International Marine Contractors Association's (IMCA) 18th Annual Seminar. This year's will be held 23-24 November 2010 at the Grand Hyatt in Dubai, UAE – the 17th event in the annual series was held in Rio de Janeiro.

"There is a universal drive to undertake tasks more efficiently, to retain high safety levels, and to squeeze out waste and unnecessary costs," explains Jane Bugler, IMCA Technical Director. "It is true to say that no clients, and no contractors have money to waste. Cost effective, safe working practices are all-important throughout the industry – every pound or dollar really counts. Our seminar will address this by means of plenary sessions, dedicated streams on marine, diving, ROV and survey issues, workshops that help determine our ongoing work programme, and a programme of social and networking events."

Further information on all aspects of the Annual Seminar, which will once again include a members' exhibition, and online booking are available on the IMCA website at www.imca-int.com/events/seminar and from the Association at 52 Grosvenor Gardens, London SW1W 0AU, UK. Tel: +44 (0)20 7824 5520; Fax: +44 (0)7824 5521; Email: events@imca-int.com

2.e) MREC OCEAN ENERGY TECHNICAL CONFERENCE AND STAKEHOLDER CONFERENCES, BOSTON NOVEMBER 2010

The 2nd Annual New England Marine Renewable Energy Center Technical Conference will take place on Tuesday Nov 2, 2010 at the Microsoft NERD Ctr., located at 1 Memorial Dr. in Cambridge. A Call For Abstracts has gone out. There are limited scholarships available to encourage international student participation. <http://www.mrec.umassd.edu/abstract2010.php>

To further the work to spread the word about the prospects of bringing ocean based energy (Wave, tide and wind) to New England and to reach a much larger audience, the 3rd Annual MREC Stakeholder Conference has joined with the 6th Conference on Clean Energy, which takes place at the Hynes Convention center in Boston on November 3-4, 2010.

Wednesday, November 3, 2010 Ocean Energy Industry Perspectives

Panel 1: International Progress – Technology and Industry: Many Paths to Success

Panel 2: The US Regulatory Environment – Governments and Agencies: Working Together

Panel 3: Deployment in America – Who Is Getting Into the Water: What's New in the New World?

This all part of Boston's Clean Energy Week, an internationally recognized series of exciting events that bring clean energy technology developers and the investment community together. New England is rich with intellectual power, innovative companies and world renowned research institutions creating clean, renewable energy sources and products.

The New England Marine Renewable Energy Center is part of UMass Dartmouth. It is an economic development organization that reaches out to all stakeholders to bring ocean energy to New England. This is accomplished through research, development, demonstration and outreach. www.mrec.umassd.edu. 1213 Purchase Str. 3rd Flr. New Bedford, MA 02047 Tel. 508.999.MREC (6732)

For more details go to: <http://greenovationconference.com>

3. WHO'S ON THE MOVE?

3.a) INNNOVATUM LIMITED, UK APPOINTS KELSO RIDDELL AS HEAD OF MARKETING

INNNOVATUM Ltd. is pleased to have appointed Kelso Riddell as Head of Marketing to its specialist shallow water survey division, SUBMAGNETIX. Kelso has been involved in the underwater survey industry for over 30 years, having been one of the original team at underwater acoustics company, OCEANO Instruments.

Submagnetix offers shallow water magnetic survey from the surf zone to 50m water depth.

For more information visit www.submagnetix.co.uk