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1. OCEAN BUSINESS NEWS

1.a) CONTROS SYSTEMS & SOLUTIONS AND LIGHTHOUSE R&D ENTERPRISES DRINKS RECEPTION AT OCEAN BUSINESS 2009

CONTROS Systems & Solutions GmbH and Lighthouse R&D Enterprises Ltd. invite all clients, partners and friends for an informal Drinks Reception at their Ocean Business booths F10 / F11 on Wednesday 1st April at 16:00 hrs. They hope you can join them for a variety of German draught beer, snacks and an opportunity to meet personnel and, if the mood takes you, to hear news on their latest product developments.

1.b) IXSEA ONSHORE TRAINING SESSIONS AND LIVE DEMO SESSIONS OFFSHORE, ALONG WITH A TECHNICAL PAPER AT THE OFFSHORE SURVEY CONFERENCE, AT OCEAN BUSINESS

OFFSHORE IXSEA's survey vessel [FPV Morven] will depart for a two-hour sailing at 10am, 12am and 2pm daily. IXSEA will demonstrate ELICS side scan sonars, ECHOES sub-bottom profilers, positioning with GAPS USBL as well as HYDRINS and PHINS inertial navigation systems with the new DELPH V2.7 real-time acquisition and interpretation software.

ONSHORE, Offshore Survey Conference Advances in Geophysical Sensor Data Acquisition - 12.50pm-1.15pm, 1 April. Presented by Jim Titcomb, Global Technical Manager, IXSEA Offshore.

Classroom Sessions Introduction to OCTANS and basic theory of operation - 1pm-2pm, 31 March
Join IXSEA Aberdeen's Technical Manager, Andy Wallis, for training on the OCTANS fibre optic gyrocompass and motion sensor.

Accumulated experiences using GAPS subsea positioning system - 10.30am-11.30am, 1 April
Hubert Pelletier, Business Development Manager - Acoustic Products, outlines the key benefits of the GAPS pre-calibrated USBL.

PHINS - Inertial aided subsea positioning in offshore applications - 3pm-4pm, 2 April
Marc Girault, Marine Inertial Product Line Manager, underlines the key aspects of PHINS DVL subsea inertial navigation system for the offshore industry.

To book a place, please email info@ixsea.com or for more information email: anne.berg@ixsea.com.

1.c) NEW RESON SEABAT SONAR SYSTEM DEMONSTRATIONS DURING THE OCEAN BUSINESS

During the Ocean Business exhibition RESON will be showcasing the new SeaBat 7125-SV multibeam sonar system for surface vessels, which continues the success of the present SeaBat 7125, in a new simplified configuration with new and exciting features.

Furthermore the new SeaBat 7101 will also be presented. It continues the success of the SeaBat 8101, which has been in the market for the past 15 years. The SeaBat 7101 measures discrete depths over a wide, 150° swath to a maximum range of 500m. This yields a swath coverage of up to 7.46 x the water depth.

Throughout the Ocean Business exhibition, both sonar systems and PDS2000 software demonstrations will be conducted aboard the hydrographic survey vessel, the PROTECTOR, belonging to the Associated British Port of Southampton. Daily Tours can be booked at RESON's stand (L15), where RESON staff will also be able to answer any questions about the SeaBat program and its systems.

On Thursday the 2nd of April RESON will also present the entire SeaBat product range from shallow to deepwater. This will be conducted in a classroom setting. Please book your place at their stand (L15). For further information please email: christian.blinkenberg@reson.com

1.d) MULTI-FREQUENCY ACOUSTIC WATER COLUMN PROFILER TO BE INTRODUCED AT OB09

ASL Environmental Sciences of Sidney, BC, Canada will be introducing the Multi-Frequency version of the Acoustic Water Column Profiler at Ocean Business 2009.

The MF-AWCP is capable of operating up to 4 frequencies while maintaining the same precision and low power capacity that the original AWCP had.

The first unit, a 2-frequency version, has been delivered to Louisiana State University and a three-frequency version has just been delivered to Oregon State University.

The Acoustic Water Column Profiler can monitor the presence and abundance of zooplankton within the water column by measuring acoustic backscatter returns with ultrasonic frequencies. Other sonar targets realized from the sonar backscatter data include fish and suspended sediments. The AWCP can be operated in bottom-mounted, upward looking mode or in downward looking mode from a buoy.

Jan Buermans, Sales Manager of ASL, will be hosting a workshop on Wednesday, April 1 at 9AM in Room 54/06.

For more information contact Colleen McQuade, ASL Environmental Sciences Inc. Email: cmcquade@aslenv.com or visit: www.aslenv.com

1.e) ATLANTIC CANADIAN OCEAN TECHNOLOGY COMPANIES ARE SHOWCASING THEIR TECHNOLOGIES AND SEEKING GLOBAL PARTNERSHIPS/OPPORTUNITIES AT OCEAN BUSINESS

Technologies range from environmental technology, acoustics, marine consulting, maritime defence, ocean exploration and ocean monitoring systems. Atlantic Canadian firms are recognised for their innovative solutions and are competing/collaborating in the worldwide Ocean Technology sector.

Exhibiting on the Atlantic Canada pavilion (C9 & D3) are the following firms, ODIM-Brooke Ocean Ltd., Satlantic, Cobham Tracking and Locating, Metocean Data Systems Ltd., JASCO Research inc., Open Seas Instrumentation Inc., Marport Canada Inc., GRI Simulations Inc. School of Ocean Technology, PanGeo Subsea, along with the Provinces of Nova Scotia represented by Nova Scotia Business Inc., and Newfoundland & Labrador, Dept of Innovation Trade and Rural Development, and International Trade Canada.

For more information contact Darrell O'Neill, E-mail: doneill@gov.nl.ca

1.f) PRESENTATION OF FUGRO GEOS:SUT MSc AWARD TO BE MADE AT OCEAN BUSINESS

Fugro GEOS believes in supporting and investing in education: to broaden the awareness of oceanography and meteorology in the educational sector, to attract students into this sector, to encourage those already pursuing it and to highlight future career prospects to students.

Working with The Society for Underwater Technology (SUT) Fugro GEOS offers an Award of £500 for the best MSc project or thesis work in physical oceanography, applied oceanography and/or meteorology.

The winning MSc student for 2008 will be presented with the Award on 31 March, the first day of the Ocean Careers 2009 event, being staged alongside Ocean Business 2009 at the National Oceanography Centre, Southampton.

"There could be no more logical place than Ocean Careers 2009 for the presentation of this Award," says Garry Mardell, Operations Director at Fugro GEOS who will be making the award. "We are delighted that the organisers invited us to use the event in this way, and are looking forward to meeting the winning student on 31 March."

"We are grateful to Fugro GEOS for their continuing involvement with educational awards," says Ian Gallett, Chief Executive of SUT. "They are also involved in our Awards programme in the USA. Encouraging young people in this way is vitally important, as is encouraging them to plan a career in the ocean technology, marine science and offshore industries."

"We are pleased to have incorporated the Award into Ocean Careers, it will be a great addition to the event," says event organiser Versha Carter, Director of Intelligent Exhibitions.

Contact judithpatten@wwmail.co.uk for more information.

1.g) SONARDYNE INTERNATIONAL ANNOUNCES DETAILS OF THEIR CLASSROOM SESSIONS DURING OCEAN BUSINESS 2009

The company will be running two separate workshops providing an insight into their next generation optimised USBL acoustic systems and a review of five years of Sonardyne Wideband® technology, the achievements and the lesson learned.

The workshops will be run by Sonardyne's new Survey Support Group and in Session 1 on Tuesday 31st at 10.00am, Project Survey Edd Moller, will reveal the dramatic performance improvements that can be made by aiding USBL with Sonardyne's Lodestar AHRS and INS technology. Edd will also discuss how USBL has developed over the years and cover innovations such as Sonardyne Wideband® signal technology and Inverted USBL operations.

In Session 2 on Wednesday 1st April at 1.30pm, James Hope will be examining the impact Sonardyne Wideband® acoustic technology has had on construction survey applications five years on from its introduction. What is Sonardyne Wideband®? How does it work and what are the major benefits for LBL and USBL operations? These are just some of the aspects James will cover in the workshop as well as looking ahead to future developments such as integration with INS.

For more information, or to book your place at one of Sonardyne's Ocean Business workshop sessions, please email: survey.support@sonardyne.com

1.h) NEW REAL-TIME WEB SERVER INTERFACE FOR FIELD INSTRUMENTS

RS Aqua Ltd, UK representatives for SAIV a/s, the Norwegian manufacturers of leading edge, rugged oceanographic instrumentation, announce the launch of the CU-801 embedded web server and network router that enables users to publish their data sets to the web without requiring their own web hosting facilities. A false view of capability is achieved from looking at the CU-801. It is a lion in sheep's clothing. Beneath its simple appearance is a beast of a device that receives data from field equipment (direct cable connection) and, via the necessary GSM network (using GPRS, EDGE or 3G), publishes the CU-801 web page to the www network. The availability of 6 com ports offers multiple sensor inputs and two way comms enables the user to adjust settings seamlessly.

SAIV personnel will be demonstrating the CU-801 at the Ocean Business show in a workshop scheduled for 1200 hrs on Thursday 2 April. Be aware that the published title of the workshop belies the content.

Readers wishing to book a place at the workshop should email saivas@online.no

1.i) NEW CAMERAS, ACCESSORIES AND SONAR FROM KONGSBERG MARITIME

Leading underwater camera manufacturer launches several new solutions in time for busy expo period.

Kongsberg Maritime Ltd, the leading underwater camera specialist, has introduced a number of new products. First shown at Subsea 09, the company's new pan & tilt unit, a number of lamps, a 525 line version of its new OE13 124 BIT low-light underwater camera and two new Sonar heads will also be on show at the forthcoming Underwater Intervention 2009 and Ocean Business 2009 events.

The new OE10-102 is an electric multi-purpose pan & tilt unit offering exceptional torque, positioning performance and durability for the toughest subsea tasks. Its compact robust design, high shock & vibration tolerance and other environmental and electrical protection features ensure continuous performance in the harshest environments.

Kongsberg Maritime is well known for its quality underwater camera lamps and now adds several new models to its already comprehensive portfolio of efficient underwater lamps, floodlights and flashguns that utilise a range of Halogen, HID and LED technologies. The new lamps introduced are the OE11-145 General Purpose (GP) ROV lamp, OE11-150 LED inspection lamp and the OE11-150F Dye Detection LED lamp.

The OE13 124 BIT, Kongsberg Maritime's new generation low-light underwater camera delivers unprecedented light sensitivity, image quality and range performance, enabling users to undertake more accurate, longer range underwater vehicle navigation in low-light and in turbid water conditions. As of Subsea 09, the OE13 124 BIT is available in a EIA RS170 (525 line 60Hz) version in addition to the original CCIR (625 line, 50Hz) version.

The 1171 Series of sonar heads from Kongsberg Mesotech have been developed to meet the requirements for both shallow and deep ocean applications. As well as the choice of operating frequencies, the new sonar heads feature faster scanning rates, improved range resolution and even clearer, sharper images, all in a more compact lighter housing.

All of the new products received a positive reception at Subsea 09 and can be seen again at Underwater Intervention 2009 in New Orleans, 3rd – 5th March, booth 401 and Ocean Business 2009 in Southampton, 31st March – 2nd April, booth N1.

For further information, please contact: Dan Williams, Kongsberg Maritime Ltd Tel: +44 (0)1224 226521 dan.williams@kongsberg.com www.kongsberg.com

2.GENERAL OCEAN NEWS

2.a) TRIMBLE INTRODUCES NEW MARINE CONSTRUCTION RECEIVERS THAT OFFER BOTH GPS HEADING AND POSITIONING

Trimble have introduced two new Global Positioning System (GPS) receivers designed specifically for marine construction applications—the Trimble® SPS361 and Trimble SPS461 GPS Heading Receivers. These dedicated marine receivers deliver both precise GPS heading together with Differential GPS (DGPS) or Real Time Kinematic (RTK) positioning. The receivers are ideal for a range of applications when used with Trimble HYDROpro™ marine software, including: the precise placement of structures such as piles, bridges, caissons, marinas, and coastal defenses; dredge head positioning; vessel positioning and tracking; and offshore rig positioning with anchor handling.

The announcement was made at the 2009 Trimble Dimensions User Conference. The Trimble SPS361 is an entry-level DGPS Heading receiver with an internal MSK Beacon receiver and OmniSTAR VBS support. The Trimble SPS461 is a GPS Heading and Attitude receiver upgradable to the full range of positioning accuracies needed for marine construction applications, including Location Real Time Kinematic (RTK), Location RTK with precise vertical measurement, and Precise RTK positioning. The SPS461 supports MSK Beacon, external RTCM, OmniSTAR VBS, XP, HP, and precision RTK correction data delivered by an internal/external radio or Internet-enabled cellular modem.

The dual-frequency antennas of the Trimble SPS361 and SPS461 GPS Heading Receivers offer flexible antenna separation, enabling users to maximize precision for each installation, as well as expedite initialization and re-acquisition. The receivers can also be used for single-antenna applications if heading is not required. Trimble offers a range of antennas to suit both standard vessel installations and systems required for use in harsher environments such as dredging and piling.

Both receivers, when operating with Trimble HYDROpro marine software on a PC such as the Trimble Tablet, provide a complete, turnkey marine positioning solution. The dual antennas of the Trimble SPS361 and SPS461 system provide the position, heading, and pitch or roll of a vessel. In addition, HYDROpro software can integrate data from other devices such as motion sensors for heave and pitch, cable pay-out devices and inclinometers for crane operations, pressure transducers for dredge head depth, and echo sounders for depth measurement. Customers without HYDROpro can easily integrate the SPS361 and SPS461 receivers into existing systems.

The Trimble SPS361 and SPS461 Heading Receivers are the latest addition to Trimble's family of Site Positioning System solutions, which have a common interfaces, connectors, accessories, and firmware. Companies with multiple receivers and worldwide sites can benefit from reduced product training and increased operational flexibility.

The Trimble SPS361 and SPS461 Heading Receivers are available now through Trimble's construction distribution channel.

For more information, visit: www.trimble.com

2.b) Solid improvement of financial performance in 2008 for RESON

2008 has been one of the best financial years for RESON due to improved revenue and profitability. The annual report for 2008, not yet finalised, shows revenue growth of 15% from 2007 to 2008, with a profitability margin of 7% (EBIT).

The chairman of the board Mr. Kim Graven-Nielsen stated: Today we are looking at a very different and much healthier RESON. In spite of the turbulent market conditions, we expect to increase the profitability even more in 2009, as the organization has been trimmed and optimized to meet the market demands.

Lars Tønnesen, Managing partner in LD Equity says: The shareholders have great confidence in RESON and will continue their ownership and support the future development of the company with focus on a stable and continuous growth. The company is maturing and developing satisfactory.

The shareholders are currently re-financing RESON to secure the needed capital structure for next phase development.

During the last couple of years RESON has finalized the development of a large range of new advanced SeaBat multibeam sonar systems, based on RESON's 7K technology. RESON will now be moving into the next phase of business development, where a number of new products and features to improve efficiency are being launched.

After concluding the 3 year strategy period of RESONs development, former CEO Allan J. Vestergaard has left the company to seek new challenges outside RESON. The shareholders, who include some of Denmark's leading private equity capital companies (LD Equity, Dansk Kapital Anlæg and Dansk Erhvervs Investering), have identified a new CEO, who is expected to start on June 1st 2009. Until then the Chairman Kim Graven-Nielsen will be in charge of daily operations.

For further information please E-mail: Kim.Graven-Nielsen@reson.com or Tel: +45 27 15 80 00

2.c) EB DELIVERS TWO NEW DEEPWATER PIPELINE PLOUGHS

Two next generation deepwater pipeline ploughs designed and built by IHC Engineering Business (EB) have successfully left EB's Hadrian Riverside workshops on Tyneside en route for extensive offshore commissioning and installation on the owner's vessels.

The new build PL3 and BPL3 ploughs are the largest subsea ploughs EB has developed. Designed to handle pipeline diameters of up to 1.55m, in water depths of 1000m, they will be used for the burial of main pipeline trunk routes across the globe. Their design follows the theme of ploughs being specified for ever-larger pipe diameters, to match technological developments.

"We're truly passionate about ploughs," says EB's managing director, Dr Tony Trapp. "And, we were genuinely excited to have been challenged to deliver a game changing plough system. Our design focused on increasing levels of performance, productivity, reliability and safety and will allow our client to trench the largest and longest subsea pipelines.

During the whole process of design and build we took maximum advantage of the proven North East of England supply chain."

"We were asked to design a trenching spread matched to the exceptional capabilities of the vessel", explains Mike Crosby, Senior Engineer for the ploughs. "As such, the new PL3 plough weighs some 200 tonnes, is 22m long, has 100 tonne capacity pipe handling equipment front and back, and can create a 2.5m deep trench after multipass, and a 2.3m maximum single pass trench. The control system will be built into the ship bridge module, and this together with the use of a buoyant control umbilical will greatly increase productivity in comparison to previous spreads.

"BPL3 is unlike any previous backfill plough. Aimed at reducing the risk of damage to the trenched pipeline, its front skids run outside the trench. As a result it has been designed to fold into itself, rather like a spider, for launch and recovery. Its design ensures it is possible to launch the plough in the correct orientation to save time during deployment."

"The larger the pipe diameter, the more technical issues the designers face," explains Andrew Stevenson, EB's Director of Sales. "Here at EB we love challenges. The PL3 and BPL3 have taken around two years

from concept to ex works delivery, during which we have established a close working relationship with our client's team. This has proved to be a true partnership which has resulted in two superb ploughs destined to have a long and productive working life with EB there to provide support when ever required."

Further information on EB is available at www.engb.com

2.d) DSME E&R LTD. INTRODUCES NEW PRODUCT - SCANNING SONAR SONARBEAM RS-150

New scanning sonar SONARBEAM RS-150 is dual simultaneous frequency 400/900 kHz system that produces high resolution imagery for Search and Recovery missions. It consists of a topside processing unit, a cable for digital link and subsurface sonar head with composite transducers.

The sonar head has a high speed digital telemetry that allows high speed continuous rotation. This sonar head is two mechanically scanned imaging sonars in a single pressure housing: the 400 kHz frequency will provide long range reconnaissance operation and the 900 kHz frequency will allow to get high resolution sonar imagery for easier identification of targets. The lightweight sonar head have compact size and can quickly be deployed in any place and only need a 12-24VDC power source (or 100-220VAC).

ROTASCAN which runs on Windows-based computers is the software for the scanning sonar data acquisition and logging of RS-150.

Sonar head is compatible with existing compact interface boxes and top-side portable water resistant processors for SONARBEAM S-150 Side Scan Sonars.

For more information visit: www.sonarbeam.com , www.dsmeenr.co.kr

2.e) UNIQUE VALEPORT WARRANTY MAKES OLD PRODUCTS AS GOOD AS NEW

Valeport is pleased to announce a new *Perpetual Warranty Scheme* which is unique in its promise to cover not just new instruments, but older products serviced by the company too.

As standard, Valeport has always offered a 3 year Warranty on all new products, but from this month it will be introducing a 12 month Service Warranty as well. This means that any instrument that is regularly returned for an annual service is perpetually under warranty. Additionally, and uniquely, this scheme also applies to older instruments – any product that is serviced will leave the factory with a brand new 12 month Warranty.

Commenting on the scheme, Valeport's managing director Matt Quartley explains, "Valeport has always prided itself on both the quality of its products and doing the right thing for its customers. This new Warranty scheme allows us to combine those aims, and gives all our customers genuine peace of mind in the performance of their equipment, regardless of its age or history."

Quartley continues, "Servicing an instrument is not just a case of a quick sensor recalibration, it is a matter of being proud to put our name on it as it goes back out to the customer. When a serviced instrument leaves our factory, it is, to all intents and purposes, as good as new; latest firmware, latest software, cleaned, checked, all seals and connectors checked and replaced as necessary, pressure tested, and warranted to perform to expectations for a further 12 months."

The introduction of this scheme is another element in Valeport's ongoing investment in Service, Support and Calibration facilities and staff. "We recognise that the purchase of an instrument is the beginning of our relationship with the customer, not the end, so being able to give rapid service turnaround, combined with the reassurance that a renewed warranty provides, will give our customers the added value they have come to expect from us," added Quartley.

For details of Valeport's Warranty Terms, or to book an instrument in for service, please contact service@valeport.co.uk.

3. WHO'S ON THE MOVE

3.a) WOODS HOLE GROUP NAMES JIM BAJEK SENIOR PROJECT MANAGER/MARINE ECOLOGIST AND HEIDI CLARK ENVIRONMENTAL SCIENTIST

Water Regulatory and Environmental Industry Veteran and Coastal Science Expert Join Environmental Sciences and Engineering Industry Leader.

Falmouth, MA, March 13, 2009—Woods Hole Group, Inc. an international, environmental, scientific and engineering consulting organization, has announced the hiring of Mr. Jim Bajek (Senior Project Manager and Senior Marine Ecologist) and Dr. Heidi Clark (Environmental Scientist).

“Woods Hole Group is pleased to add two environmental professionals as renowned in their fields as Heidi and Jim,” said Bob Hamilton, Vice President for Business Development and Coastal Engineer at Woods Hole Group. “Combined they have over 42 years of experience in the environmental sciences and engineering industry. At Woods Hole Group, we are always looking to add highly-qualified people to our team to provide our clients with the best service possible.”

Mr. Bajek, who will maintain a private independent consulting business in addition to his new responsibilities at Woods Hole Group, has over 30 years experience in coastal and fresh water regulatory permitting, dredged material management and environmental assessment. He has extensive experience with the United States Army Corps of Engineer (USACE), including former employment at the New England District. Mr. Bajek will be the Senior Project Manager on Woods Hole Group’s recently awarded USACE contract that can extend for up to five years, with an estimated budget of \$15 million. Bajek graduated with a Bachelor of Arts degree in Biology from the University of North Florida and an Associate of Arts degree in Mechanical Engineering from Thames Valley State Technical College in Norwich, CT.

Dr. Clark has twelve years of consulting experience with environmental and ecological industry, government and private research organizations. She recently consulted on natural resources damage assessments for marine and coastal damage from oil spills, and also has expertise related to assessing environmental impacts from energy projects.. Dr. Clark also is expert with nutrient dynamics in coastal systems, holding a Doctor of Philosophy in Environmental Science and a Masters in Forest Science from Yale University, a Master of Science from the University of Massachusetts, and a Bachelor of Arts from the University of California-Santa Cruz.

For more information, please contact Bob Hamilton at bhamilton@whgrp.com or (508) 540-8080.

3.b) NEW TECHNICAL ADVISER AT IMCA

The substantial and consistent growth in membership of the International Marine Contractors Association (IMCA) has resulted in a significant expansion of the association's work programme. This in turn has led to the expansion of the secretariat, which sees Emily Comyn join as International Legislative Affairs Technical Adviser. With her arrival the team of Technical Advisers reporting to Technical Director Jane Bugler is now five strong.

"With over 560 member companies in 52 countries our work programme constantly expands, so we are delighted that Emily has joined us to monitor and lobby where appropriate in such key areas as the IMO (International Maritime Organization), at which IMCA has observer status, and other sources of national, regional and international legislation which affect the maritime industries and our members"explains IMCA's Chief Executive, Hugh Williams. "The IMO is a very important body for us, because of its role in maritime standards and safety which we support in the interaction IMCA and the IMO enjoy on specific issues, such as the training of personnel for dynamically positioned vessels used widely by IMCA members.

Prior to joining IMCA, Emily Comyn worked at the International Chamber of Shipping. As Advisor (Shipping Policy), Emily was responsible for representing international ship operators on customs and trade facilitation issues at intergovernmental fora such as the IMO and the World Customs Organization (WCO), as well as monitoring operational developments in the Panama and Suez Canals in her role as Secretary of the ICS Canals Sub-Committee. In addition, she was also Assistant Secretary of ISOA (International Support Vessel Owners' Association), providing a common forum for international OSV operators.

"There is no doubt that Emily's trade association experience and her expertise in developing consensus positions and representing the industry at a global level stand her in good stead for her role here at IMCA," says Hugh Williams. "We are delighted to welcome her to the team."

Two other additions to the IMCA team In recent months there have been two other additions to the IMCA team. Genine da Cruz Harvey has joined as Certification Schemes Administrator, taking over from Vicki Graham who has retired after over twenty years in the role. Genine organises IMCA's internationally recognised certification schemes through liaison with contractors, examination candidates, IMCA-approved training establishments and invigilation centres throughout the world; as well as preparation and assessment of examination papers and issue of certificates. She also supports the work of the Competence and Training core activity. Genine joined IMCA from the International Tanker Owners Pollution Federation (ITOPF).

The other new addition to the IMCA team is Andy Butler who has joined the support team as an additional administrator focused on document production. With a growing range of output in terms of guidance and information notes, committee and workgroup minutes as well as new brochures and factsheets, his experience in document preparation and print production using a variety of publishing and design software is invaluable. He will also act as support for Genine providing backup and continuity for members and their examination candidates if Genine is away.

Further information on IMCA and its work on behalf of its member companies is at www.imca-int.com and available from the association at 5 Lower Belgrave Street, London SW1W 0NR, UK. Tel: +44 (0)20 7824 5520; Fax: +44 (0)20 7824 5521. Email: imca@imca-int.com

4. EVENT, TRAINING & DEMONSTRATION NEWS

4.a) NORTHEAST BEACHES CONFERENCE CALL FOR PAPERS

Northeast Shore & Beach Preservation Association Northeast Chapter of the International Erosion Control Association, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts September 21-23, 2009

Theme: Local Efforts in Shoreline Management and Protection

Prospective authors are invited to submit a two page, single-spaced abstract including figures to: Dr. J. Richard Weggel, P.E., Department of Civil, Architectural & Environmental Engineering, Drexel University, 3141 Chestnut Streets, Philadelphia, PA 19104

Abstracts are due by: May 15, 2009 Notification of acceptance of abstracts will be mailed by June 12, 2009

Abstracts of accepted presentations will be printed and distributed at the conference. Authors of accepted papers are required to present the paper and register for the conference. No further paper will be required; however, presenters are encouraged to prepare a paper for submission to Shore & Beach, the Journal of the American Shore & Beach Preservation Association.

Visit our web page at: www.ieca-nechapter.org/coastal2009.html

4.b) CONFERENCE ON COASTAL ENVIRONMENTAL SENSING NETWORKS CESN July 23-24, 2009

The University of Massachusetts Boston (UMass Boston) Center for Coastal Environmental Sensing Networks (CESN) is pleased to announce the second conference on Coastal Environmental Sensing Networks (CESN '09). CESN '09 will provide a forum to share state-of-the-art technology capabilities and learn about informational needs related to environmental sensing networks. Specific focus will be placed on gathering, processing, and utilizing information from environmental sensing networks to better manage the changing coastal environment. The focus of CESN'09 is consistent with the "Revolutionary Times: Catching the Wave of Change" theme of CZ '09 (<http://www.csc.noaa.gov/cz/>) and as such, Day 1 of CESN '09 will take place on Thursday July 23, 2009 at the CZ'09 conference (being held at The Boston Park Plaza Hotel & Towers).

For more information, please visit: <http://www.cesn.org/events/cesn09.php>

4.c) SAILORS' SOCIETY SECOND DRAGON BOAT CHALLENGE 2009

In 2007 this event was held for the first time at Dorney Lake with 27 participating companies including; BP Shipping, BP Humble, Cargill, Clyde & Co, Clarkson's, Freight Investor Services, Inchcape Shipping Services, Intertanko, Maersk, Marine Accident Investigation Branch, Morgan Stanley, Noble Europe Ltd, Red Funnel, Rio Tinto Marine, Steamship, The Baltic Exchange, Thomas Miller UK P&I Club, Thurlstone Shipping, Tradewinds with Ince & Co and Clyde & Co.

The Dragon Boat Challenge is run on alternative years to the Three Peaks Challenge and the 2009 event will be held on Saturday 27th June at Dorney Lake, Eton, the chosen facility for the 2012 Olympics.

2007 saw a hotly contested final with only two seconds separating the first three teams. Freight derivative specialists, FIS piped the two Cargill crews to second and third place in the challenge.

Morgan Stanley's 'Blazing Paddles' and BP Shipping's 'Parrots of the Caribbean' were joint winners of the unofficial Tradewinds best named award.

The event is a great opportunity for team building for clients, colleagues and family. Once again the Society is looking for teams of 10 rowers plus one drummer. There are plenty of other activities to keep you entertained throughout the day including a tug of war competition which will be scheduled to run in-between the Dragon Boat races. There will be additional activities including human table football, laser clays and target golf. For children there will be activities including a bouncy castle, entertainer, face painter and the opportunity to race some smaller bell boats.

The team sponsorship for 2009 has not been increased and we are again asking participants to raise £3,000 per team. This includes coffee and bacon rolls on arrival along with a BBQ lunch for all the team. Each team will also receive an additional 11 guest passes for free to bring along colleagues, friends and family.

Teams already signed up for the 2009 event include; Cargill, London Offshore Consultants, Rio Tinto, the marine travel company, Freight Investor Services (FIS), Thomas Millar, Baltic Exchange, Intertanko and Clarksons.

There are also sponsorship opportunities available for companies, including sponsoring a boat or paddles. Please ask for further details if you are interested. In 2007 sponsorship contribution and team sponsorship raised over £90,000 net income for the Society, an amazing amount. Please join us again to make a real difference to the work of the Charity and seafarers worldwide.

To obtain a registration form which contains further details, please call Tel: +44 (0) 23 8051 5950.

5. JOB POSTINGS

5.a) HYDROID EUROPE, SOUTHAMPTON, UK REQUIRE 'HANDS ON' ELECTRONICS ENGINEER/TECHNICIAN

Due to the progression of Hydroid Inc. within Europe, a position is now available for an experienced 'hands on' electronics engineer/technician. (Minimum requirement: HNC electronics.) Candidates must be conversant with digital systems, brushless DC motor technologies and fault-finding and maintenance techniques and procedures. A good understanding of DOS and Windows based software and it's principles is required. Candidates should also have a sound mechanical empathy and preference will be given to those with operational and maintenance experience on underwater vehicles or equipment. As there will be a requirement to interface with clients on a daily basis (good communications skills), an ability to work closely with customers is essential. Candidates must be self motivated and not afraid of a challenge or high level decision making.

Candidates must be prepared to work offshore, sometimes from small crafts of opportunity and in varying sea states from time to time. Candidates must also be capable of handling and lifting a variety of oceanographic equipment. Working with the world's foremost AUV manufacturer, the job is to provide and manage the technical support for European customers; you will be providing maintenance, service & repair (training) facilities for complex oceanographic equipment. Client training is an important aspect of the post and the successful candidate will also be providing and managing the provision of operational training on the equipment to the client's operators from time to time.

For more information on this post please contact Graham Lester - Hydroid Europe, Unit 3, Basepoint Enterprise Centre, Anderson's Road, Southampton, Hampshire, SO14 5FE, United Kingdom

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