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OCEANBUZZ ISSUE 209 – 26<sup>th</sup> July 2011

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## 1. GENERAL OCEAN NEWS

### 1.a) LDD WINS MAJOR RENEWABLES CONTRACT IN THE BAY OF LIVERPOOL, UK

LDD, an Acteon company, has won a multimillion-pound contract with RWE npower renewables to provide specialist drilling services to help install 160 wind turbine foundations at the Gwynt y Môr wind farm 18 km off the North Wales coast.

LDD will commission what is believed to be the world's largest and most-powerful reverse-circulation drill, and four of its specialist engineers will operate the drill from on board RWE's installation vessel later this year when the offshore development work begins.

The Gwynt y Môr project consists of 160 turbines producing a total of 576 MW of energy, two offshore substations, a large new onshore substation and 11 km of underground cabling. It is a shared investment between partners RWE Innogy, Stadtwerke München GmbH and Siemens. Once fully operational, Gwynt y Môr wind farm is expected to produce energy equivalent to the average annual needs of around 400,000 homes.

Drilling will be undertaken using the new LDD-designed LD5000 drill rig. The bottomhole assembly will be configured to drill a standard 4.3-m-diameter rock socket, which can be increased up to 6 m in diameter by engaging the drill bit underreamers. Sister company MENCK is providing its MHU1900S piling hammer for the project.

LDD has been contracted to provide continuous relief drilling services for two years throughout the offshore construction of the Gwynt y Môr wind farm.

For further information about RWE npower renewables and RWE Innogy, visit [www.npower-renewables.com](http://www.npower-renewables.com) and [www.rweinnogy.com](http://www.rweinnogy.com) For further information about RWE npower visit [www.rwenpower.com](http://www.rwenpower.com)

For further details, please contact Mark Richards t: +44 (0)1209 861910 Email: [mark.richards@lddrill.com](mailto:mark.richards@lddrill.com).

### 1.b) BLUEVIEW SELECTED WITH VIDEORAY TO PROTECT US PORTS

BlueView Technologies a world leader in compact acoustic imaging and measurement technology, has been selected to deliver its 2D Imaging Sonar systems to VideoRay as part of an advanced underwater technology system by the Combating Terrorism Technical Support Office (CTTSO) to modernize the United States Coast Guard's (USCG) Remotely Operated Vehicle (ROV) fleet. The \$2.2 million contract awarded to VideoRay will update all USCG VideoRay ROVs with the latest technology, including sonar, an improved non-acoustic navigation system, video enhancement, advanced ship hull inspection capabilities and other improvements to expand their role and work in challenging conditions.

VideoRay ROVs outfitted with BlueView 2D Imaging Sonar have been used to inspect ship hulls, piers, and bridges for explosive devices, help direct divers, recover evidence, and to inspect targets and areas before deploying divers. For additional details about the Videoray contract award visit <http://www.videoray.com/stories/293-us-ports-to-be-protected-by-advanced-underwater-technology-from>. "Our selection in VideoRay's contract award represents a milestone achievement for BlueView, and we take special pride in becoming a standard tool for the United States Coast Guard," stated Lee Thompson, BlueView Technologies CEO/CTO.

For more information, contact: Steve Chapman, +1 206 826 5841, [Steve.chapman@blueview.com](mailto:Steve.chapman@blueview.com) [www.blueview.com](http://www.blueview.com)

### 1.c) KNUDSEN ENGINEERING & CHESAPEAKE TECHNOLOGY DEMONSTRATE "PINGER" SUB-BOTTOM PROFILING SYSTEM

Knudsen Engineering put their new 15 kHz "Pinger" sub-bottom profiling system through its paces on Lake Champlain Vermont with the support of Middlebury College on their research vessel R/V Baldwin. Data processing was performed with Chesapeake Technology's SonarWiz 5 software.

The Pinger features chirp transmission and a large aperture receiver using the latest PVDF technology that provides higher directivity while remaining lightweight. Another advantage of the Pinger SBP receive array is its wide bandwidth. The same receive array can be used simultaneously for multiple frequencies. Designed to be very portable and lightweight the Pinger is well suited for small boats and shallow water

applications that have been problematic with traditional SBP's on the market. During the demonstration the Pinger was operated in water as shallow as 1.5 meters. Shallow water has always been a problem for conventional SBP's because of transmission pulse ringing.

SonarWiz 5 SBP software was used to process and display the data collected with the Pinger SBP. Chesapeake is the leading producer of software for the real-time acquisition and post processing of sidescan sonar and sub-bottom profiler data. SonarWiz 5 has become the standard for Navies, government agencies, survey companies and universities around the world. The software is designed to be very user friendly and fast at processing the data.

The results from the Pinger were exceptionally good with very high resolution mapping of the layers, and bedrock as well as depth of penetration. Two very experienced observers onboard during the demonstration, Tom Manley and Garry Kozak both agreed the data was very good and produced results that rivaled conventional large heavy SBP systems. The lightweight system will open up new possibilities in shallow water for surveyors.

For more information on the Pinger contact Judith Knudsen at Knudsen Engineering at +1 613 267 1165 or e-mail [judith@knudsenengineering.com](mailto:judith@knudsenengineering.com) or visit [www.knudsenengineering.com](http://www.knudsenengineering.com)

For more information on SonarWiz 5 software contact Eileen Gann at Chesapeake Technology, Inc. at +1 650 967 2045 or e-mail [etgann@chesapeaketech.com](mailto:etgann@chesapeaketech.com) or visit [www.chesapeaketech.com](http://www.chesapeaketech.com) Chesapeake Technology, Inc. ph: +1 650 967 2045.

#### **1.d) AXYS COMPLETES 200TH TRIAXYS WAVE BUOY**

AXYS Technologies Inc. (AXYS) has recently surpassed the construction of its 200<sup>th</sup> TRIAXYS™ Directional Wave Buoy. TRIAXYS™ Directional Wave buoys are currently deployed worldwide gathering wave data for renewable energy potential, research and impact studies, marine operations and general marine safety.

In 2006 the TRIAXYS was engineered to incorporate a current profiler in order to measure both waves and currents from a single device, thus avoiding the complexity associated with real-time data from bottom-mounted instrumentation. The TRIAXYS was advanced again in 2010 to the TRIAXYS *Next Wave*, which uses the sophisticated WatchMan500™ controller that allows two-way communication, high-capacity data storage, dual primary telemetry, and continuous wave sampling.

The 200<sup>th</sup> TRIAXYS buoy was delivered to Scandinavian agent, EIVA, who will help a major renewable energy company measure wave energy potential off the coast of the UK and Denmark. The wave data will enable them to make accurate decisions about the placement of their energy converters in order to get the highest power yield.

For more information contact Robin Thomsen, [rthomsen@axys.com](mailto:rthomsen@axys.com), Tel: +1 250 655 5860

#### **1.e) FUGRO ADD SIX SAAB SEAEYE ROV SYSTEMS TO THEIR FLEET IN 2011**

The Subsea Services Business Line of Fugro has added six new Saab Seaeeye ROV systems to their worldwide ROV fleet in the first half of 2011 in a deal that sees Fugro continue their relationship with Saab Seaeeye stretching back to the early 1990s. In addition to the six new ROV systems, Fugro has also taken the opportunity to update three of its earlier generation Saab Seaeeye ROV systems to the latest specification and standard.

The 2011 newbuild order, worth almost £5 million, includes four Lynx and two Panther XT ROV systems. Fugro, a leading global player in subsea support services to the offshore energy industry, already has a large number of Saab Seaeeye ROVs in their fleet.

Jim Mann, Fugro's Global ROV Manager, says, 'The new vehicles will be part of the worldwide Fugro ROV Fleet that provides specialist ROV and subsea engineering capabilities through our global network of Fugro Bases. The new ROV systems are already enroute to Singapore, Brazil and the UK, where they will operate in support of drilling and completion; offshore construction; inspection, repair and maintenance and long term "Life of Field" support.'

For their inspection role, the Lynx is complete with cameras and sonar, along with a manipulator and tooling skid. The Panthers are configured for light intervention work and survey tasks and are prepared for operations using Fugro's specially developed lightweight tooling solutions.

In addition to the composite video and serial data transmission via fibre optic cables, some of the systems also include an ethernet high speed data link. This high speed link will allow more advanced sensors such as multi-beam sonar systems to be fitted to the ROV.

The new ROV systems will operate from Fugro's fleet of specialist support vessels or from an end customer's platform. They join Fugro's range of ROV systems that include Work Class, Intermediate Class and Observation Class systems, capable of operating in areas from shallow water to depths greater than 4,000msw.

For more information contact Jim Mann, Fugro Subsea Services, +44 (0) 1224 257600, [j.mann@fugro.com](mailto:j.mann@fugro.com) [www.fugro.com](http://www.fugro.com) or Dave Grant, Saab Seaeye Ltd. +44 (0)1489 898000 [dgrant@seaeye.com](mailto:dgrant@seaeye.com) [www.seaeye.com](http://www.seaeye.com)

### **1.f) OCEANSERVER RECEIVES ORDERS FOR 4 NEW AUVS**

OceanServer Technology, Inc. has recently received new orders for four Iver2 AUVs, two for US end users, one from a European research organization and the first for a South American survey company. The applications for the vehicles include water quality/environmental monitoring, hydrographic survey, navigation algorithm development and general educational research. One of the awards for an Iver2 EP30 resulted from a competitive procurement by Eltex Echipamente Electronice Industriale srl in Romania. Eltex expects to develop and integrate additional sensors for educational research and mapping projects.

The Applied Physics Laboratory of the University of Washington has procured their first Iver2 AUV for use in an ongoing research project. The two remaining vehicles will be sold through YSI Environmental for use in water quality monitoring and general survey work.

#### **The Iver Platform**

All Iver2 AUV models come standard with OceanServer's VectorMap Mission Planning and Data Presentation tool, which provides geo-registered data files that can be easily exported to other software analysis tools. This unique AUV design has enabled OceanServer to carve out a very strong position in the research space for Autonomous Underwater Vehicles, sensors and behavioral studies. The VectorMap program can input NOAA ENC's or any geo-referenced charts, maps or photo images, allowing the operator to intuitively develop AUV missions using simple point-and-click navigation.

The base vehicle, with a starting price at just over \$50,000 USD, gives university, government and commercial users an affordable base-platform for sensor development or survey applications in water quality, sub-surface security and general research.

For more information contact: Jim Kirk, Marketing Director tel: (508) 678-0550 x103 [www.ocean-server.com](http://www.ocean-server.com)

### **1.g) FUGRO CHANCE INC. SUCCESSFULLY COMPLETES JUMPER METROLOGY ALLOWING FOR ONSITE FABRICATION IN UNDER 24 HOURS**

Fugro Chance Inc. recently broke its metrology & dimensional control company record by successfully completing a jumper metrology and back deck layout for fabrication onboard the Pipe Lay Vessel (PLV) *Helix Express*, in under 24 hours. This allowed Helix Subsea Construction to install the jumper, pass the seal test and have the work accepted by the client in 44 hours.

"The effort provided by our field staff and project management demonstrates the quality of service Fugro Chance provides. Without solid project planning and a team effort, completing a project like this would not have been possible," says Tony Gray, Senior Project Manager of Fugro Chance Inc.

The jumper metrology scope of work involved Fugro Chance Inc. providing an acoustic jumper metrology and jumper dimensional control survey for fabrication on the back deck of the vessel. The conventional metrology and dimensional control method is to undergo the metrology offshore and provide the dimensional control survey onshore at a yard. By consolidating the metrology and dimensional control survey process to offshore, time spent is reduced from days to hours.

Other work provided by Fugro Chance Inc. included survey and positioning services onboard the PLV Helix Express during the installation of a 8.6 mile long pipeline, 9.09 mile umbilical, and associated structures including mattresses, a PLET and vertical rigid jumper.

For further information contact Alma Ayala, Direct: +1 713 346 3770, Email: [aayala@fugro.com](mailto:aayala@fugro.com)

### **1.h) GUIDANCE FOR ANNUAL DP TRIALS PROGRAMMES FOR DP VESSELS**

Guidance for developing and conducting annual DP trials programmes for DP vessels' (IMCA M 190) has been published by the International Marine Contractors Association (IMCA) to describe the development, conduct and management of annual dynamically positioned (DP) trials programmes for all types of vessels equipped with DP systems meeting the requirements of International Maritime Organization (IMO) equipment classes 1, 2 or 3.

"The guidance is intended to assist vessel operators in the development of a suitable annual DP trials programme," explains IMCA's Technical Director, Jane Bugler. "This programme provides consistent content for similar vessels, more effectively demonstrates the vessel's ability to maintain position following identified single failures, demonstrates that the DP system is in good working order, contributes to the effective management of the failure modes and effects analysis (FMEA) and ensures best use of the time available for DP system tests by more effectively identifying items which do not need to be tested every year, or whose reliability can be demonstrated by other means."

Sister publication, IMCA M 191 'Guidelines for annual DP trials for DP mobile offshore drilling units', sets out a programme of continuous trials throughout the year. However much of the guidance produced in the new document (IMCA M190) will also be applicable to mobile offshore drilling units (MODUs).

The new guidance is available to IMCA members for downloading via the members-only website, with additional printed copies available at £10.00 for members and £20.00 for non-members (zero VAT, plus 20% for delivery outside Europe) and can be purchased from the IMCA website at [www.imca-int.com](http://www.imca-int.com); by emailing [publications@imca-int.com](mailto:publications@imca-int.com), or from the association at IMCA, 52 Grosvenor Gardens, London SW1W 0AU, UK. Tel: +44 (0)20 7824 5520.

### **1.i) LLOYD'S REGISTER PROVIDES HOME FOR THE HISTORIC IMAREST LIBRARY**

Lloyd's Register has taken delivery of the Institute of Marine Engineering, Science and Technology's (IMarEST) library giving the collection a secure new home and assuring its preservation for the future.

The historically important IMarEST collection – which consists of more than 390 linear metres of material – now resides at Lloyd's Register's offices on Fenchurch Street in London.

"The Institute is delighted that our incomparable collection will be housed in such ideal surroundings, remaining in the City of London, and open to all our members and to a wider audience interested in marine affairs," says IMarEST's Interim CEO, Fiona Morris.

The IMarEST will continue to provide its members with information and knowledge services and a virtual library online providing e-books. It will also continue to hold the institute's publications and some current specialist books.

The collections are open to the public Monday to Friday between 09:30-12:00 and 13:00-16:30. Further information can be found here: [www.lr.org/about\\_us/shipping\\_information/IMarEST\\_Collection\\_at\\_LR.aspx](http://www.lr.org/about_us/shipping_information/IMarEST_Collection_at_LR.aspx)

For media enquiries contact: Mark Stokes Russell Barling, Group Communications Director Group Media Manager, Lloyd's Register T +44 (0)20 7423-1725 E [mark.stokes@lr.org](mailto:mark.stokes@lr.org)

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

### **2.a) PROSPECTUS FOR UK MARINE SCIENCE FOR THE NEXT 20 YEARS**

The Challenger Society for Marine Science and the UK Scientific Committee for Oceanic Research (SCOR) are pleased to announce a one-day meeting to be held at The Royal Society, Carlton House Terrace, London, SW1 on Monday 12 September 2011.

This initial one-day meeting will have a series of talks and discussion with speakers including:

- Dr Neil Mitchell (Geology)
- Dr Andy Rees (Biogeochemistry)
- Dr Alberto N. Garabato (Physical Oceanography)
- Dr Laura Robinson (Paleoceanography)
- Prof Colm O'Cofaigh (Glaciology & Marine Science)
- Dr Matt Mowlem (Technology)
- Dr Abigail McQuatters-Gollop (Biology)
- Dr Emily Shuckburgh (Climate Modelling & Prediction)
- Dr Tavis Potts (Policy)

Prof John Field, a Past President of SCOR, will close the meeting with an international perspective.

We have asked each of these young to mid-career scientists to address questions such as:

- What will my area of Marine Science be like in 20 years time?
- What will be the role of UK Marine Science in international science over that period?
- What are the scientific challenges?
- What technological advances are necessary to meet the challenges?

Speakers are asked to reflect on the progress that has been made over the last 20 years to provide both a context and a springboard for their vision of the next two decades. This meeting is part of a broader plan by the Challenger Society to set out, in an open forum by members of the marine science community, new initiatives for marine science strategy and projects over rolling 5-year periods.

The meeting will close with two overview presentations on the impact of UK Marine Science on international marine science and on national and international science and policy issues.

The meeting will be open to all for a small fee (£50 Challenger Society member, £95 non-members), but attendance will be limited to 80 participants. Registration is now open.

Questions about the meeting can be addressed to members of the organising committee, please contact them for further information:

- Prof. Harry Bryden FRS (H.Bryden@noc.soton.ac.uk)
- Dr. Carol Robinson (Carol.Robinson@uea.ac.uk)
- Prof. Gwyn Griffiths (g.griffiths@noc.soton.ac.uk)

## **2.b) ALL SET FOR 2ND IMAREST CBM CONFERENCE + THE A-Z OF CBM**

Replacing the traditional planned machinery maintenance approach with Condition Based Maintenance (CBM) is proving essential for ship owners and operators, with the benefits of achieving maximum flexibility, enhancing ship safety, improving efficiency, reducing emissions, and cutting costs. The advantages of CBM and its effective implementation will be put under the conference spotlight at the Institute of Marine Engineering, Science and Technology's (IMarEST) 2<sup>nd</sup> Condition Based Maintenance Conference, with its theme 'Recognising the value of systems integrity for reliability and sustainability'.

The two-day event, being held in London on Wednesday 28 and Thursday 29 September 2011, will be preceded by a pre-conference seminar 'The A-Z of CBM: Management aspects and the principles of condition based maintenance' led by Danny Shorten, Senior Specialist - Condition Monitoring Marine Consultancy Services, Lloyd's Register EMEA. Delegates can register for all three days, or just the introductory course, or the main conference.

The pre-conference seminar on 27 September will provide an introduction to the topic, and looks at maintenance strategy based on risk, reliability centred maintenance (RCM), main technologies employed in CBM such as vibration, oil analysis, thermography and other tools; and at diagnostics and prognostics, thus providing the perfect stepping stone to the main conference.

Further information on all aspects of the 2<sup>nd</sup> IMarEST Condition Based Maintenance Conference and on The A-Z of CBM is available from [www.imarest.org/events](http://www.imarest.org/events) from [events@imarest.org](mailto:events@imarest.org) and from the Events Department IMarEST, 80 Coleman Street, London EC2R 5BJ, UK. Tel: +44 (0)20 7382 2636;

**NOTE;** IMarEST is moving... From Tuesday 9 August IMarEST office headquarters will be: Aldgate House, 33 Aldgate High Street, London EC3N 1EN.

### **2.c) GEOMETIUS ANNUAL DREDGING SAILING RACE IN AMSTERDAM**

On June 24 this year Geometius organized the 3<sup>rd</sup> annual dredging sailing race in Amsterdam. The dredging race is a contest between various dredging companies in the Netherlands and Belgium. In the morning the contesters shared some tips and tricks and after lunch (sponsored by Trimble) the race began. During an exciting matchrace the participants sailed in four fast mach boats against each other. Participants in the contest were employees from, Boskalis, Van Oord, Jan De Nul, DEME, van Duivenvoorde, Bureau Meet and Dutch dredging. The contenders where accompanied by Geometius, Couderé and Trimble. After an exiting race, the mixed boat (from van Duivenvoorde, Bureau Meet and Dutch dredging) won first prize, Van Oord finished second and Boskalis ended on the third place. Victory was suitably celebrated at the harbor with a snack and drink.

For more information contact Inge Bauer, Tel.: +49 (0)6142 2100-201, Email: [inge\\_bauer@trimble.com](mailto:inge_bauer@trimble.com)

### **2.d) DUE DATE TO SUBMIT ABSTRACTS TO THE 3<sup>RD</sup> ANNUAL NEW ENGLAND MARINE RENEWABLE ENERGY CENTER'S TECHNICAL CONFERENCE EXTENDED TO FRIDAY AUGUST 5, 2011**

The New England Marine Renewable Energy Center (MREC) of New Bedford, MA is inviting submittals of abstracts to be presented at the 3<sup>rd</sup> Annual MREC Technical Conference, scheduled to take place November 7-8, 2011 in Cambridge, MA. For the 3<sup>rd</sup> year in a row, engineers, scientists, policy makers, device developers, government agencies have gathered to share information about their ocean energy devices and best practices. Go to [www.mrec.umassd.edu](http://www.mrec.umassd.edu) to see presentations from the 2<sup>nd</sup> Annual Technical Conference.

The University Research Consortium of the New England Marine Renewable Center is seeking papers for the Annual Technical Conference on topics related to Tidal Energy, Wave Energy, Offshore Wind, Environmental Impact Studies for Ocean Energy, and Numerical Simulations. Other topics will be considered for presentation or for poster presentations.

There will also be a session devoted to Student Research. Limited scholarship funds are available for student travel. The need for these funds must be noted directly on the abstract.

Submit abstracts of 250 words no later than **Friday August 5, 2011** directly to: [MREC@umassd.edu](mailto:MREC@umassd.edu). Please submit them via Word without any graphics. Include your name, title, affiliation, email address and telephone number.

The Marine Renewable Energy Center's purpose is to foster sustainable growth of marine renewable energy (tide, wave, and offshore wind) in New England through research, development and demonstration. To learn more about MREC, visit our web site at [www.mrec.umassd.edu](http://www.mrec.umassd.edu).

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

### **BLUEVIEW HIRES ED CHEESMAN AS DIRECTOR, GLOBAL ENERGY SALES AND BUSINESS DEVELOPMENT**

BlueView Technologies a leader in compact acoustic imaging and measurement technology has added Ed Cheesman as Director, Global Energy Sales and Business Development. Cheesman will manage and develop BlueView's sales efforts in the growing energy segment worldwide.

After receiving a degree in Engineering from the University of Aberdeen in 1999, Cheesman worked as an offshore field engineer for several years specializing in acoustics and fiber optic communications before moving to a commercial role with IXSEA where he served as regional sales manager first in Aberdeen, UK then Houston, TX.

"With the rapid adoption by the [energy] industry of Blueview's 3D scanning sonar and the 2D imaging sonar from Blueview now becoming a standard fit from eye ball vehicles and AUVs right through to heavy duty work-class ROVs, this is an exciting time to be joining the team" said Cheesman "BlueView's extensive line of instruments define new categories of imaging and measurement solutions that not only

improve current operating efficiencies but enable new, more effective underwater operating methods for the (subsea) market,” he added.

“BlueView seeks to bring new, more efficient solutions to the worldwide energy sector and Ed provides the industry experience that will help guide our efforts,” said Steve Chapman, BlueView Vice President of Sales and Business Development. Chapman added “Ed brings a global perspective of the SURF and IRM markets and in-depth knowledge of ROV and AUV operations for shallow and deepwater applications to BlueView.”

For more information, contact: Steve Chapman, +1 206 826 5841, [Steve.chapman@blueview.com](mailto:Steve.chapman@blueview.com)  
[www.blueview.com](http://www.blueview.com)

## 4. JOB POSTINGS

### 4.a) TOTAL: ICE/ARCTIC ENGINEERING SPECIALIST M/F

As one of the five largest publicly-traded integrated oil and gas company Total has operations in more than 130 countries, working across all stages of the petroleum industry; from exploration to sales and marketing.

An exciting opportunity to see the world as part of Total’s Exploration and Production team has arisen for senior engineers with strong experience and expertise in the required discipline.

You will:

- Help to assess the needs of projects involving ice engineering subject.
- Define the ice design methodology and ice design basis needed.
- Define, prepare and organize the surveys (ice expedition) and studies required to elaborate ice design basis.
- Be responsible to follow and coordinate the ice design process: recommendation of design methodology to be used, coordination of ice model tests, performance of numerical simulations, and organization of full scale tests (if necessary).
- Review and recommend project choices and approve or draft general or particular specifications in your fields of expertise.
- Take part in expertise assessment and recommend the necessary corrective measures.

Will have an engineering or research degree in ice engineering or equivalent (for instance civil engineering with ice specialization, oceanography with ice specialization, naval architecture with ice specialization). Will have a high level of awareness of Health and Safety issues and be able to encourage good practice in others. Will be fluent in both spoken and written English. Knowledge of Russian culture is a plus.

More than six years of experience in ice related activities, strong ice engineering methodology experience. Knowledge of civil engineering, oceanographic/meteorological and naval architecture would be appreciated.

Will be able to work in transverse environment and strong abilities to convince people.

Apply now to: <http://careers.total.com>

### 4.b) IMCA: TECHNICAL ADVISER – MARINE/DP OPERATIONS

The role of the Technical Adviser is to assist the Technical Director in delivery of the Association’s work programme. In particular, the Technical Adviser will support the work of IMCA’s Marine Division.

Responsibilities:

- Preparation of guidance, information notes, safety flashes, involving IMCA committees etc., consultancies and third-party organisations
- Liaison with members
- Co-ordination of IMCA committees, workgroups and sub-groups, including preparation of agendas and minutes, attendance at meetings and delivery of action items
- Involvement with third-party organisations – regulators, trade and technical associations, professional bodies, clients and others – to represent the Association and its members
- Preparation of the technical programme for IMCA seminars and other events, including chairman and speaker liaison

- Promotion of membership to relevant organisations
- Monitoring of regulatory and technical developments which may affect IMCA members, briefing and lobbying as appropriate
- Briefing the Chief Executive and Technical Director on draft reports received from consultants, own work items and other areas of personal expertise
- Specific areas of responsibility include:
- Management of specific work, for example, IMCA's Marine Division technical workgroups and the Security Taskforce

The above list is not exhaustive and other duties may be assigned from time to time according to current workload and to facilitate implementation of the wider IMCA work programme.

Skills Required:

- Significant experience and knowledge of DP and offshore operations
- A formal (or by experience) professional marine/engineering qualification
- First class communication/presentation skills (written and verbal)
- Top level personal skills in representing IMCA and presenting our point of view
- Ability to work unsupervised or in a small team and diplomacy are required.

Employment Terms:

- Salary according to experience;
- Based on 35 hours per week, normally Monday-Friday 09:00-17:00 in the London secretariat but allowance must be made for travelling and overnight stays (time off in lieu is given where this involves weekends);
- 25 days' paid annual leave;
- Access and contributions to a stakeholder pension scheme are provided

Further information can be found at [www.imca-int.com](http://www.imca-int.com). Please forward your CV and covering letter to Jane Bugler, Technical Director: E-mail: [Jane.Bugler@imca-int.com](mailto:Jane.Bugler@imca-int.com) Mail: IMCA, 52 Grosvenor Gardens, London SW1W 0AU, UK t: +44 (0) 20 7824 5520

#### **4.c) NCS SURVEY JOB VACANCY TENDERS MANAGER**

NCS Survey, an Acteon company, require a Tenders Manger to take responsibility for the companies tendering activity and contract negotiation. The candidate should have a minimum 5 years experience in the Offshore Oil & gas Industry, ideally with a survey related background. Experience in commercial / business development would be a preferable.

The post is Aberdeen based but will involve some travel during contract negotiation periods. A generous salary and benefits package is available.

Applications in writing/by email to [carolyn.gray@ncs-survey.com](mailto:carolyn.gray@ncs-survey.com)

#### **4.d) FUGRO GEOS HAS A NUMBER OF OPENINGS FOR OCEANOGRAPHERS IN ITS UK CONSULTANCY TEAM**

The Consultancy team is continually expanding the understanding of meteorological and oceanographic (metocean) processes, and uses this knowledge to provide the best possible information to clients in the offshore, coastal engineering and renewable energy sectors. Specific activities carried out by the team include:

- Investigation of regional metocean processes in frontier regions.
- Use of oceanographic and meteorological data for use engineering design and operational planning studies.
- Interaction with clients to ensure they are provided with optimum solutions for their needs.
- Quality control and technical review of measured metocean data.
- Production of metocean criteria reports for a variety of end clients.
- Development of analysis software and internet based data delivery systems.

If you have metocean experience and an MSc or higher (or equivalent) in Oceanographic Science or a related discipline we would like to hear from you. We are particularly keen to recruit people with experience in one or more of the following areas:

- Wave processes.

- Water level and current processes.
- Extreme value analysis.
- Analysis and interpretation of measured data.
- Matlab programming.

Members of the Consultancy team need to be resourceful and flexible, and enjoy working in a fast-paced and challenging environment. Applications are welcomed from personnel with a range of relevant experience to fulfil a variety of roles. All posts are full time on a 37½ hours per week basis based in our Wallingford (UK) office. Benefits include a competitive salary accompanied by an attractive package including contributory pension scheme, life assurance, private health care and 24 days annual leave, subsidised restaurant and an active sports and social club.

Please apply by submitting a CV and covering letter, indicating your anticipated salary requirements to: Mary Smith, Fugro GEOS Ltd, Fugro House, Hithercroft Road, Wallingford, OX10 9RB, or email [m.smith@geos.com](mailto:m.smith@geos.com) or apply on line at [www.geos.com](http://www.geos.com) Closing date for applications is 12 August 2011. Overseas applicants must check their eligibility to both live and work in the UK under the new points based system by visiting the UK Border Agency web site. You must be able to support your own application.