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OCEANBUZZ ISSUE 481 – 31st January 2017

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1. OCEAN BUSINESS 2017 NEWS

1.a) OCEAN CAREERS 2017 – CALLING ALL YOUNG DYNAMIC PROFESSIONALS – WE NEED YOU!

Ocean Careers is an event that runs alongside Ocean Business from 4-6 April 2017, offering advice on career opportunities within the ocean technology, marine science and offshore industries. We are looking for dynamic professionals within the industry that can present and inspire graduate students to start focusing on this industry for future employment.

Ocean Careers also consists of short speed meetings where students can meet face-to-face with industry professionals to find out all they need to know about the industry from qualifications to lifestyle!

We don't need much of your time – even if you can only spare ten minute presentation to help explain how exciting your job is or if you have a few hours we can assign you to the one-on-one meetings. It is your opportunity to help inspire the next generation to work within the ocean technology industry.

If you are interested in taking part or would like more information please contact Apinya Clark at aclark@divcom.co.uk or visit <http://www.oceanbusiness.com/ocean-careers/>

Keep in touch with the latest Ocean Business 2017 news by following us on Twitter @OceanBusiness #oceanbiz, on Facebook and Instagram OceanBusinessShow, or by joining our LinkedIn group OceanBusiness.

1.b) ON-WATER ECHOSCOPE® DEMO WITH CODA OCTOPUS®

Coda Octopus® will host an on-water Echoscope® demonstration on Wednesday 5 April at Ocean Business 2017, to introduce the new Echoscope® XD and the latest version of their operating software Underwater Survey Explorer (USE) Version 7.

On board the RV Callista, the demonstration will include an on-water survey of the surrounding seabed area in real-time, so this is a unique chance to experience their real-time 3D Echoscope® XD.

Coda Octopus® are developers of a real-time 3D family of sonars including Echoscope®, Echoscope® XD, C500 and Dimension. Visit their stand Q9 or email sales@codaoctopus.com to book your place.

For more information visit www.codaoctopus.com

1.c) ATLAS TO SHOWCASE ATLAS4CLIENTS AT OCEAN BUSINESS 2017

Atlas' Business and Online department teams have come up with a solution that focuses on solving the issues of compliancy, sourcing qualified professionals and reducing client's costs, with their online portal that allows clients to view all of their crewing management data in one place.

Atlas will be showcasing their Atlas4Clients portal at Ocean Business, presenting its three main features: planning, which allows users to have a detailed overview of each professional aboard their project planning; a pre-qualified pool, which allows clients to quickly source highly-qualified candidates, and compliancy, which ensures that all certificates, information, insights and work history is readily available.

If you would like to learn more about the portal, visit Atlas at Ocean Business on stand W22. For more information visit <http://atlasprofessionals.com/>
Follow on Twitter @Atlas4Jobs

2. GENERAL OCEAN NEWS

2.a) VERIPOS ANNOUNCE MULTI-YEAR EXTENSION OF HIGH PRECISION POSITIONING SERVICES AGREEMENT WITH SUBSEA 7

Veripos has announced a multi-year extension to its existing precise positioning services contract with Subsea 7. This contract extension confirms Veripos as a provider of high precision positioning services to Subsea 7 for use in both vessel dynamic positioning and survey requirements across its entire global fleet of marine vessels.

Veripos's proven track record with Subsea 7 was an important factor in the awarding of the contract extension. John MacLeod, General Manager for EAME at Veripos said: "We are delighted to have the opportunity to extend our successful, long term partnership with Subsea 7. With the challenging market conditions that exist in today's oil and gas sector, Veripos looks forward to continuing our work with Subsea 7 to execute their highly complex offshore positioning projects efficiently and effectively to help protect against costly down time."

For more information visit www.veripos.com

2.b) OSIL INSTALL BUOY NETWORK IN UAE

Ocean Scientific International (OSIL) have installed a network of eight monitoring buoys off the coast of Abu Dhabi, UAE, in support of environmental monitoring.

The rugged 1.2m coastal buoys were equipped with multiparameter sondes for water quality monitoring, and GPRS telemetry equipment. The buoys are installed in water depths ranging from 6m to 16m, in various locations along the UAE coastline amid extensive coral formations and seagrass beds.

The buoys are designed for extended deployment in harsh coastal environments in a range of water depths, and are extremely robust. The rotationally moulded PE hulls are foam filled to prevent the buoy sinking in the unlikely event that the outer hull is damaged. All instrumentation and cables are held internally and are protected by the rugged enclosed top section, which has been designed to minimise damage from the elements or interference. The stainless steel central structure removes the possibility of any corrosion issues, while offering good water flow for water quality sensors, while also providing a very high degree of protection for valuable, sensitive, or delicate equipment.

For more information visit www.osil.co.uk

Follow on Twitter @Oceanscientific

2.c) NEW TECHNOLOGY COLLABORATION LIGHTS THE WAY FOR IMPROVED DIVER SAFETY

A new on-demand wireless ribbon lighting system, designed to revolutionise diver safety and efficiency in remote subsea locations, has been launched following a collaboration between award-winning Scottish technology companies WFS Technologies and PhotoSynergy (PSL).

Seetooth LIGHTPATH™ is a combination of two advanced technologies – WFS's Seetooth, a subsea wireless communication system that can download and log information gathered on subsea installations remotely, and PhotoSynergy Ltd's LIGHTPATH™, a side-emitting flexible fibre that projects a continuous line of light that carries no electrical power.

The new product works for both diver and ROV operators working either near surface or at depths of up to 3,000m. The light is engaged automatically when the diver or the ROV comes within 5m of a structure, and provides instant illumination of subsea architecture and delineating features such

as control valves, docking bays and even the outline of the structure itself against the natural darkness of the underwater environment.

It switches off automatically when the diver or the ROV departs the scene, and has the ability to act as a proximity warning system when approaching installations, other divers, ROVs or danger areas. The unit has been successfully tested in the lab, and will be trialled in subsea conditions in early 2017.

For more information visit www.wfs-tech.com

2.d) SURVTECH SOLUTIONS SELECTS HYPACK NEXUS 800 FOR AERIAL MAPPING SOLUTION

The NEXUS 800 powered by Hypack is a full end-to-end solution that represents a new paradigm in Unmanned Aerial Vehicle (UAV) data collection by seamlessly harmonising LiDAR data with photogrammetry. The NEXUS 800 is an out of the box turnkey system that tightly integrates hardware and software to provide an advanced and seamless solution for LiDAR survey planning, data acquisition, post processing and analysis, and product creation.

The NEXUS 800 UAV represents a commitment to the surveying and mapping community seeking a true end-to-end solution leveraging the various expertise from Hypack, Infinite Jib, SBG Systems, and Velodyne onto one compact solution.

Powered by HYPACK-HYSWEEP mapping software, the operator can plan, acquire and process the LiDAR and photogrammetry data onboard a high powered Windows PC and high performance UAV allowing for rapid analysis and product creation of a variety of CAD and GIS formats.

For more information visit www.hypack.com

Follow on Twitter @HYPACK

2.e) STEATITE FORMALLY PARTNERS WITH NOC'S MARINE ROBOTICS INNOVATION CENTRE

Steatite, a leader in the development of power solutions for extreme environments, has formally become a partner with the Marine Robotics Innovation Centre. With over 30 years experience in the development of lithium batteries, Steatite's move into the Innovation Centre is a sign of the company's potential to secure their position as global leader for innovative power solutions for deep-sea Marine Autonomous Systems (MAS).

The National Oceanography Centre (NOC) and Steatite already form part of a UK consortium, using the latest lithium-sulphur chemistry to research and develop safe, pressure tolerant, rechargeable batteries with increased endurance and reduced payloads, optimising their potential for integration with MAS.

Occupying space in the Innovation Centre, working alongside the NOC's marine autonomy and robotics team, and utilising in-house facilities, will help support future collaborative projects within the MAS sector.

For more information visit www.noc.ac.uk

Follow on Twitter @NOCnews

2.f) NEW HIGH PERFORMANCE CHIRP SIDE SCAN SONAR SYSTEM BASED ON DEEP ROOTS

Falmouth Scientific (FSI) has reached into its deep well of experience and knowledge to bring you the HMS-624 digital CHIRP Side Scan Sonar System which offers dual simultaneous 100/400 KHz frequency operation.

The new HMS-624 leverages these advanced technologies to provide superior imaging capabilities for deep and shallow water applications. The Tow Fish electronics incorporate FSI's CHIRPceiver™ 24-bit CHIRP signal processing, which results in very high resolution side scan data at towing depths up to 2,000 metres. The Topside Power/Data Multiplexer Interface is packaged in a standard 2U 19" rack mount enclosure and provides a 4Mb/s DSL connection for the Tow Fish and a standard Ethernet connection for the data processing computer. The system uses a flexible control interface that allows the user to set operating parameters such as CHIRP/CW modes, pulse length, range, and gain. The system is compatible with third-party Software packages such as OIC GeoDAS, Triton ISIS, and others.

The HMS-624 rounds out FSI's CHIRPceiver™ Family of side scan, sub-bottom, and combined sonar systems. The entire Family is released to full production status and is available to help you accomplish your marine surveys efficiently and cost-effectively.

For more information visit www.falmouth.com
Follow on Twitter @Carl58Mancuso

2.g) BERT INSTRUMENTS ADDS NEXUS USBL TO ITS EQUIPMENT POOL

Since 1993, Florida-based Bert Instruments' team of highly qualified consultants has been providing marine geophysical and environmental studies in the US, Caribbean and Latin America for prestigious major petroleum companies, the US Department of Defence, major universities and private companies.

One such project recently undertaken by the company and its sister company Bert Instruments Colombia was a pre and post drilling, environmental and geophysical study in the deep waters (up to 700m) off Colombia at the Orca-1 exploratory well, 40kms north of the coast of La Guajira. Surveys, geophysical and environmental studies were commissioned here to comply with government regulations prior to any production phase.

For the operation Bert Instruments first selected its side scan sonar deployed at high resolution linked to a marine magnetometer with positioning of the field and its anomalies provided by its Nexus USBL. In the next phase the newly acquired Nexus USBL was used to track the Bert Instruments' inspection class ROV that was investigating the anomalies found in the initial magneto-acoustic survey and to do some transect lines crisscrossing the well position.

For more information visit www.appliedacoustics.com

2.h) BIBBY TOPAZ CHARTER EXTENSION

Bibby Offshore has announced the long-term extension to the charter of its dive-support vessel ("DSV") Bibby Topaz, owned by Volstad Maritime. The terms and conditions of the extended charter arrangement have been adjusted to reflect the current market environment and are now based on a more mutual sharing of risk and reward.

This charter extension allows Bibby Offshore to maintain and grow the Group's market share in the North Sea DSV market. As one of the premier DSVs in the North Sea, the Bibby Topaz has been a core part of Bibby Offshore's fleet since its delivery in 2008, and has been identified as the best technical and commercial option for the Group.

The new contract sees Bibby Offshore secure exclusive and uninterrupted access to this asset until 31 December 2019, with flexible options to further extend the charter to the end of 2024.

For more information visit www.bibbyoffshore.com

2.i) LLOYD'S REGISTER LAUNCHES SUBSEA INSPECTION SERVICE

Lloyd's Register (LR) has announced its Subsea Inspection Services to support underwater inspections of subsea pipelines, assets and facilities to energy companies operating offshore.

Services include project management, consultancy, personnel, quality control, data processing and data management, applicable to ROV, AUV and diver projects.

Headed by LR's Subsea Inspection Manager Andrew Inglis and delivered by the company's in-house experts in subsea inspection, survey and asset integrity, services will be provided to operators and contractors in the offshore oil and gas, wind farm and submarine cable sectors.

For more information visit <http://info.lr.org/subseainspectionpr>

2.j) UXO DETECTION USING CPT MAGNETOMETER CONE

As part of its continued growth and strategic development CMS-Geotech has recently purchased the Datem Magnetometer Cone for use with its existing Datem Neptune 5000 CPT to support specialist UXO detection services

The high-quality titanium and stainless steel Magnetometer Cone incorporates a standard 5cm² piezocone with sensors for axial load, friction sleeve, pore pressure & dual axis tilt combined with a bespoke magnetometer module. This new cone is capable of repeatable, high performance operation with very low noise and works simultaneously with the CPT allowing the collection of standard CPT data whilst monitoring variations in localised magnetic fields caused by the presence of ferrous metal objects. These magnetic readings are shown in real time both graphically & numerically and are recorded along with the standard CPT data for later analysis.

For more information visit www.cms-geotech.co.uk

3. EVENTS, TRAINING & DEMONSTRATIONS

3.a) UK SEAGLIDER RENTAL SERVICE IN FOCUS AS KONGSBERG GEARS-UP FOR SUBSEA EXPO 2017

Aberdeen-based Kongsberg Maritime is expecting high interest in the innovative Kongsberg Seaglider™ autonomous vehicle during Subsea Expo 2017, which takes place at the Aberdeen AECC, 1-3 February. Their stand will also feature a host of established subsea technology designed to meet the exacting demands of research and commercial users.

Kongsberg Maritime has recently added Seaglider to its rental pool and it is now available for diverse commercial and research applications alongside their other autonomous underwater vehicles (AUVs), including Remus and Munin.

Seaglider is an autonomous underwater vehicle/underwater glider developed for continuous, long term measurement of oceanographic parameters. Rather than an electrically driven propeller, the vehicle uses small changes in buoyancy and wings to achieve forward motion. The system's pitch and roll are controlled using adjustable ballast (the vehicle battery).

For more information visit www.kongsberg.com

Follow on Twitter @kongsbergasa

3.b) BUSY SPRING FOR IMCA WITH AN EXTENSIVE SEMINAR AND WORKSHOP PROGRAMME

During 2016 the International Marine Contractors Association (IMCA) announced it had changed its seminar strategy, replacing the traditional large annual event with a series of highly focused technical seminars. These proved successful and has resulted in seven events being scheduled for Spring 2017.

The Spring 2017 events will be held in London, Stavanger and Amsterdam. Four of the seven events relate to IMCA core or technical committees, with the other three dealing with IMCA's eCMID vessel inspection system:

IMCA Contracts & Insurance Seminar, Thursday 25 May, London, UK

IMCA ROV Seminar, Tuesday 30 – Wednesday 31 May, Stavanger, Norway

IMCA Marine Seminar, Wednesday 14 -Thursday 15 June, Amsterdam, the Netherlands

IMCA Lifting & Rigging Seminar (formerly Rope Forum), Wednesday 14 June, Amsterdam, the Netherlands

Additionally, the inaugural eCMID Accredited Vessel Inspectors Conference will be held on Tuesday 25 April in Amsterdam, the Netherlands. This is organised by the International Institute of Marine Surveying (IIMS) with strong support from IMCA and its Technical team.

IMCA is also holding two eCMID Workshops in Spring 2017, in conjunction with its programme of technical seminars:

Wednesday 31 May - Stavanger, Norway

Thursday 15 June - Amsterdam, the Netherlands

Outline information on all the events is available on the IMCA website at www.imca-int.com with full programmes available shortly.

3.c) DREDGING MANAGEMENT COURSE WITH HR WALLINGFORD, 25 - 26 APRIL, OXFORDSHIRE, UK

This course provides an introduction to the subject of dredging and will assist those who are responsible for commissioning and managing dredging contractors and those who regulate dredging. Their tutors will provide an overview of the environmental aspects of dredging, the latest technology and equipment and the management of dredged material.

Over the two days delegates will explore multiple aspects of a dredging project, course modules include: an explanation of definitions and terminology; an introduction to the different types of dredging; dredging plant description; the components of a dredging project (e.g. planning, licences, contracts, environmental aspects, undertaking and managing works, potential disputes / claims and their avoidance).

Designed to provide an ideal balance of taught sessions and exercises, the course will help to put theory into practice, whilst giving the opportunity for discussion with the course tutors and other attendees.

The registration fee for this course is £600.00 (plus VAT at 20%) per delegate, and includes all documentation, lunch and refreshments. If you would like to book more than one place discounts are available, please check online for details.

For more information visit www.hrwallingford.com

Follow on Twitter @hrwallingford

3.d) PLOCAN ANNOUNCES GLIDER SCHOOL 2017, 6-11 NOVEMBER, GRAN CANARIA, SPAIN

The oceanic platform of the Canary Islands, PLOCAN, has announced its 8th Glider School, to be held in Gran Canaria, Spain from 6-11 November 2017.

The hands-on training forum on ocean-gliders technology, will cover both hardware and software issues through theoretical and practical sessions in class, lab and on open waters using real ocean-glider units, using different technologies and focusing on ocean-glider features, capabilities and applications.

This highly specialised training week presents a great opportunity for students and professionals worldwide to learn about the main commercial ocean-glider technologies, having the direct teaching-support from leading ocean-glider manufacturers, sensors and rest of modules that integrates these state-of-the-art unmanned autonomous ocean-observing platforms.

For more information and to register, visit www.gliderschool.eu
Follow on Twitter @GliderPLOCAN

3.e) 23 TYPE SPECIFIC ECDIS ACAT COURSES NOW AVAILABLE OFF-LINE

ECDIS have further developed their not for profit Annual Competency Assurance Training (ACAT) courses by introducing an offline version.

After listening to the requirements of many of their clients with little or no internet onboard, ECDIS have developed an almost fully offline version of their ACAT courses, removing the need for constant internet connection. The courses share the exact same content as their online counterparts, however the courses can be purchased and downloaded onshore or when internet is available, and run on any PC for up to 365 days, making it highly versatile.

For more information visit www.emaritimetraining.com

4. WHO'S ON THE MOVE?

4.a) OPENHYDRO APPOINTS NEW CHIEF EXECUTIVE

OpenHydro has appointed Mr Patrick Gougeon as their new Chief Executive Officer. The appointment signals the company's ongoing drive towards commercialisation of its tidal technology and follows the launch of DCNS Energies, a subsidiary of the DCNS Group which recently secured €100m in investment.

Mr Gougeon joined OpenHydro at the start of January 2017, having previously held the position of CEO of Colibrys, a high-technology industrial company based in Switzerland. He is an engineer from the French Ecole Centrale de Lille and holds an MBA from the HEC School of Management in Paris.

With over twenty years' experience in delivering global technological projects and transforming organisations in the industrial sector, Mr Gougeon's senior management career to date has encompassed roles including consultancy in strategy and organisation in McKinsey & Company, as well as change management, international business development, industrial and programme management as a successful executive in the Thales and Safran groups.

For more information visit www.openhydro.com

5. JOB POSTINGS

5.a) GARDLINE GROUP SEEK GEOPHYSICAL ENGINEER (GEO ENGINEERING DEPARTMENT)

The Gardline Group is a successful marine survey contractor, operating a fleet of dedicated geophysical survey vessels, conducting major integrated offshore projects on a worldwide basis.

They are seeking to recruit seagoing geophysical engineers to support the hydrographic and geophysical survey teams. You will be responsible for deploying, recovering, maintaining, repairing and replacing equipment and parts as required. Ideally, you will have strong electronics experience and/or qualifications and have worked in a busy team environment. This is a seagoing role, so experience of working at sea on vessels will be advantageous, but not essential.

The engineering team provide around the clock support and are expected to maintain a constant service in shifts to data acquisition operations. The team is led at sea by an appointed Engineer In Charge on a designed shift pattern and supported by technical advisors in the office.

They are seeking individuals that will be adaptable, positive and able to work under pressure and to tight deadlines. You will need to be someone who contributes to the team, both practically and thoughtfully when solving problems and is able to respond to instructions. With the full seagoing role you will be expected to work at sea for a minimum of 200 days per calendar year. You may be posted anywhere in the world where Gardline vessels operate on a variety of projects for a variety of companies.

They are able to offer some entry-level roles to candidates who have not worked in this role previously, but individuals must have relevant transferable skills or have graduated in an engineering, physics or relevant scientific field. Preferable experiences would include electronics, electrical, mechanical engineering or a scientific discipline.

You will also be required to pass appropriate medical and survival course upon joining us. You will also complete a training course covering the theories and methods of geophysical engineering and geophysical data acquisition. You will also have the opportunity to begin developing expertise in the maintenance and repair of all survey equipment.

If you believe you have the experience, skills and ambition for this challenging role, please email your CV and covering letter to recruitment@gardline.com

Closing Date: 3rd February 2017

5.b) ACOUSTIC TEAM MANAGER (MATERNITY COVER) AT GARDLINE GROUP

An opportunity is available within the Acoustic Team of the Marine Wildlife & Environmental Department at Gardline. The position is for maternity cover of the Acoustic Team Manager role. It is envisaged that the role will be for a period of one year commencing in March 2017.

The successful candidate will report directly to the Business Manager and lead a team of between 5 to 10 people focused on realising company goals through team performance and achievements. This requires working closely with your team, project teams as well as department managers and other key stakeholders across the Gardline Group.

The purpose of the role is to manage the development of the Acoustics business line and to provide management of the Acoustics team and equipment. You will market, tender, monitor export licences and assist project managers on all acoustic projects. In addition you will continue relationships with a comprehensive client-base through conferences and meetings to promote their marine acoustic services.

This role would ideally suit someone who is looking for a challenge and the possible opportunity to progress. Responsibilities include: liaison with project managers and other department heads; business cases for development and purchasing approvals; overseeing training and development of internal Gardline staff; management of resources including facilities, equipment and event attendance.

Key skills: previous acoustic experience; excellent communication; ability to multitask; strong people management and team building skills; positive, enthusiastic approach to learning will be essential for the position; previous line management experience desired but not essential. Global travel to conferences and events may be required.

If you are interested in this opportunity, please submit your CV and covering letter explaining why you are suitable for this role to recruitment@gardline.com