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## 1) GENERAL OCEAN NEWS

### 1.a) The International Ocean Science and Technology Industry Association launches

Filling a needed niche in the oceans science and technology space, a new international industry association launched today to provide programs, services, and a unified voice on Capitol Hill and in the regulatory agencies to companies that sustainably and commercially utilize the oceans.

IOSTIA (IO-sha), the International Ocean Science and Technology Industry Association <http://www.iostia.org> is a new 501(c)(6) industry association representing businesses that provide technology and services for sectors such as: Renewable ocean energy; Environmental monitoring protection; Fisheries and aquaculture; Marine science; Maritime security; Ocean mining; Marine telecommunications; Autonomous vehicles; Offshore wind energy; Oceanography; Subsea mining; Sensors; Arctic change; Marine archaeology; Ocean observations; Hydrography; Ports and infrastructure; Diving and manned exploration

IOSTIA’s goal is to provide programs and services that create new opportunities and encourage a favourable business environment for science and technology companies that sustainably utilise the oceans. IOSTIA will also develop a serious, substantive, and unified voice in Washington on issues that matter exclusively to ocean science and technology companies.

With nearly 2/3rds of blue-tech companies located outside of North America, this new industry association will also be international in scope and substance; engaging the foreign Embassies located in Washington to assist international companies entering the U.S. market.

“There are tremendous organizations, foundations, and institutes committed to our oceans, and we look forward to working with all them all, but most are not organized as business industry associations, focused on professional networking and pro-active lobbying efforts

for the industry aimed at Congress and the Administration. IOSTIA fills that niche,” remarked Richard Lawson, president of IOSTIA, formerly Executive Director at Marine Technology Society.

IOSTIA looks forward to professionals in the industry joining IOSTIA. For more information about membership, please visit the IOSTIA website at: <http://www.iostia.org/member-benefits.html>.

### **1.b) 3D at Depth Announces Strategic Collaboration with Schlumberger**

3D at Depth, a global provider of advanced subsea LiDAR systems and solutions, announced today the establishment of a strategic collaboration agreement with OneSubsea, a Schlumberger company, to jointly advance 3D at Depth’s subsea LiDAR solutions for use in offshore survey data collection, visualization, and measurement applications.

The agreement will accelerate the deployment of 3D at Depth’s field-proven technologies by leveraging OneSubsea’s global resources and facilities, customer base, and unique Pore-to-Process™ approach.

3D at Depth technology employs the unique features of subsea LiDAR to deliver repeatable, millimetric, measurable data sets that allow customers to optimize subsea operations and increase efficiencies across the production value chain.

For further information, visit [www.3DatDepth.com](http://www.3DatDepth.com)  
Follow 3D at Depth on Twitter @3DatDepth

### **1.c) Liquid Robotics announces next generation of the Wave Glider, unmanned surface vehicle**

Liquid Robotics, a leader in long duration, unmanned surface vehicles, announced the next generation of the Wave Glider with advancements to the platform’s operational range, and performance for missions in high sea states and high latitudes. Changes also include advancements for expanded sensor payloads and increased energy and storage capacity required for long duration maritime surveillance, environmental monitoring and observation missions.

Customers conducting exploration and surveillance missions in challenging environments are deploying Wave Gliders to collect and communicate data from locations too remote or too dangerous for manned systems. Operating through a wide range of conditions and oceans around the world, including the Arctic (latitude of 78.76N) and Southern Ocean (latitude of 64.8S), this new version builds on the current platform capabilities with the following innovations: Performance in high sea states (sea state 6 and greater); Advanced navigation in high latitudes (ex: Arctic and Antarctica); Supports 30% heavier payloads to enable new sensors and missions; 15% greater power collection and 40% more battery storage extends operational range and support for larger sensor payloads; Anti-biofouling copper coating improves system performance and simplifies maintenance.

For existing customers, an upgrade kit has been developed to expand the capabilities of their existing Wave Glider to match those of the new platform. All sensor integration

validated on the current platform is compatible with the new system without new certification. General availability for this new version is October 2017.

For further information, visit <https://www.liquid-robotics.com/press-releases/liquid-robotics-announces-next-generation-of-the-wave-glider-unmanned-surface-vehicle/>

#### **1.d) EIVA makes proven cable telemetry technology available as an OEM product**

EIVA now offers a cable telemetry kit based on the technology used in the company's range of ScanFish ROTVs (remotely operated towed vehicles) as an OEM product for integration with subsea sensor and sonar systems.

By splitting up the proven telemetry components of the ScanFish ROTV system for integration with other pieces of equipment, EIVA is able to offer manufacturers an off-the-shelf power and communications solution for easy integration with equipment deployed from a vessel using long cables.

The kit is available in a standard version with or without a subsea pressure bottle, and also in more customised version, to accommodate other needs and requirements.

All ScanFish ROTV systems surveying the world's seas for some of the major players in the maritime industry include this technology. This means that the ScanFish Cable Telemetry Kit has proven its worth in many different applications.

The ScanFish Cable Telemetry Kit enables the user to save the time and money of developing their own setup from scratch when looking to power and establish communication with subsea equipment via long cables. It also diminishes the issues development normally poses. Furthermore, it becomes unnecessary to invest in expensive cables.

Learn more about the technical specifications of the kit on [www.eiva.com](http://www.eiva.com)

#### **1.e) Innovacorp launches Blue Solutions Start-Up Challenge**

Innovacorp is launching a global competition looking for innovative solutions to problems in the ocean sectors.

Interested parties that meet the eligibility criteria are asked to develop a solution to address one of the five problems below or another issue challenging our ocean economy (Full problem statements can be found at [https://innovacorp.ca/sites/default/files/acceleration-initiatives/blue\\_solutions\\_start-up\\_challenge\\_info\\_kit.pdf](https://innovacorp.ca/sites/default/files/acceleration-initiatives/blue_solutions_start-up_challenge_info_kit.pdf)):

Lobster Fisheries Modernization; Ocean Shipping and Logistics; Big Blue Data; The Power of Small-Scale Generation; Smarter Seas; Other: Identify a problem in the ocean sectors and propose an original solution.

Participants can win cash and business guidance to put their ideas into action. Entrants must have a new knowledge-based product or service with annual sales revenue of less than \$1,000,000 CAD.

The Blue Solutions submission deadline is Thursday, October 12, 2017, at 5:00 pm AST. Entering is easy. Simply submit a summary on how your start-up will address one of the five problem statements or an ocean industry challenge you've identified.

More information, including how to apply, is available here:  
<https://innovacorp.ca/acceleration-initiatives/blue-solutions>

### **1.f) Novacavi's special fishing tow cables for vessels in North Sea**

Novacavi, Italy-based privately-owned bespoke cable manufacturer, reports an additional supply of special fishing tow cables in connection with its long-term customer Seascope BV.

Already tested with full satisfaction, these fit for purpose cables are used onboard special equipped Dutch vessels for flat fish fishing with electric pulse system in North Sea. Cables have to be continuously pulled backwards and forward over a pulley connecting winch, gear and nets on the same place for a 24 hours service 6 days per week.

Due to their extremely harsh application, these cables have to be specifically designed with a very good pressure distribution resistance, a high breaking strength for seawater operation and a special water blocked compound to guarantee reliability and long-lasting service life.

For further information, visit [www.novacavi.it](http://www.novacavi.it) or contact [ff@novacavi.it](mailto:ff@novacavi.it)

### **1.g) Ampelmann celebrates ten years of safe offshore transfers**

A leader in offshore access solutions, Ampelmann, is celebrating its ten year anniversary. In just a decade, the company grew from a team of just four people to a 350 staff member organisation that services customers across the globe from offices in eight different countries.

With an impressive track record of over 3.6 million people transfers and 2.6 million kg of cargo transferred from ships to offshore structures in 200 individual projects, the industry leader with its Dutch headquarters has truly revolutionised offshore access.

Ampelmann currently maintains a fleet of 60 operational systems used for transferring crews and cargo to offshore structures. These solutions are tailored to the needs of different market segments, sea states, cargo and crew loads, and are used by the key players in the global industry.

To commemorate the ten year anniversary, Ampelmann published a whitepaper with a brief company history and more. It explains the 'how and why', and informs about existing and new developments in crew and cargo transfer solutions such as the A400, the L-type, the 'Icemann' N-Type system created for Arctic operations and the AEP (A-type Enhanced Performance). This whitepaper also informs about the Ampelmann S-type currently under development, which is being designed for use on medium and lightweight crew vessels with hull lengths of 50 metres and larger.

Should you be interested in reading this informative whitepaper, then please download it here: <http://bit.ly/2gGffQB>

## **1.h) Kraken Enables Historic Avro Arrow Discovery**

Kraken Sonar Inc. a marine technology company dedicated to the production and sale of software-centric sensors and underwater robotic systems, is very pleased to announce that its wholly-owned subsidiary, Kraken Sonar Systems Inc., working with the program organizers OEX Recovery Group, has discovered a free-flight Avro Arrow model on the floor of Lake Ontario.

The sonar images were captured using Kraken's AquaPix® Synthetic Aperture Sonar deployed onboard Kraken's ThunderFish® Autonomous Underwater Vehicle (AUV). OEX Recovery Group, the organizers of the program, are unveiling the images to media and project supporters in Toronto today. The sonar and underwater camera images showcase a free-flight Avro Arrow model that was launched over Lake Ontario in the 1950s as part of the Avro Arrow design test program.

Any of the free-flight test models that are eventually recovered will be housed at the Canada Aviation and Space Museum in Ottawa and the National Air Force Museum of Canada in Trenton, Ontario.

For further information, visit <http://www.marketwired.com/press-release/kraken-enables-historic-avro-arrow-discovery-tsx-venture-png-2233033.htm>

## **1.i) iXBlue is releasing the next generation of Synthetic Aperture Sonar**

iXblue is releasing the next generation of Synthetic Aperture Sonar combined with the processing capability of the *Delph SAS software (real time waterfall & mosaicking)*.

Within the framework of a maintenance contract between iXblue and the Belgium Navy (Marine Warfare Data Center), a global upgrade of their mapping system has been performed. The Topside processing unit was upgraded with the latest *Delph SAS software* features (<http://delph.ixblue.com/sonar/sas/>) including latest algorithms and major improvements. Maintenance process was completed by sea trials performed in March 2017 on board minehunter BNS Primula (offshore Zeebrugge, Belgium).

Synthetic Aperture Sonar delivered unprecedented high-quality mosaic images with accurate positioning combining coupled iXblue USBL GAPS & SUBSEA INS.

For further information, visit <https://www.ixblue.com/news/ixblue-releasing-next-generation-synthetic-aperture-sonar>

## **1.j) Moog Focal Technologies increases portfolio of pressure tolerant technology with the launch of the new 4 Gbps pressure tolerant optical transceiver**

Moog Focal has launched a new 4 Gbps pressure tolerant (PT) small form-factor pluggable (SFP) optical transceiver. This new product adds to Focal's product line of pressure tolerant electronics and optical products for use in subsea applications. This new range of products are capable of withstanding the high pressures of extreme ocean depths up to 4000 m while reducing or eliminating the costs of expensive pressure housings and connectors

traditionally used for components restricted to one atmosphere operation. Pressure tolerant products need to be enclosed in a subsea junction box typically filled with oil, and Focal has tested compatibility with many typical oils used in the marine industry, and continues to validate additional fluids as new applications emerge.

Since 2007, Moog Focal has been providing pressure tolerant solutions for composite video, HD video, Ethernet and serial channels, with thousands of fielded products deployed primarily in ROV systems. SFP optical transceivers are available in singlemode, single fiber (bi-directional 1310/1550 nm) versions or singlemode, dual fiber (18 CWDM wavelengths) versions. The newest developments of SFP transceivers that extend maximum data rates to 4.25 Gbps, enable the use of 3G-SDI and higher capacity multiplexers

Contact [www.moog.com/focal](http://www.moog.com/focal) for more details.

### **1.k) Thordon's GSS division expands to meet growing demand for environmentally safe bearing solutions**

Thordon Bearings has expanded its Global Service and Support (GSS) division to meet market demand for installation and maintenance support of its entire product portfolio.

GSS now offers more services to assist shipowners, shipbuilders and repair yards with the installation, commissioning, maintenance and shaft/stern tube alignment services for the full range of oil and grease-free Thordon propeller shaft, rudder and deck bearing products.

Thordon GSS Manager Carl Sykes said: "We have seen a marked increase in the number of projects GSS teams have been involved in this year and have therefore increased our service and support personnel to meet this demand."

In the 2017 period to date, GSS teams have seen a steady rise in the number of different projects around the world, the majority of which were installation projects, indicating increasing market demand for Thordon products.

"We have carried out a number of propeller shaft bearing and water quality package installations this year, especially to cruiseships, tankers, container ships and naval vessels, but we have also noticed an upswing in projects involving our TG100 seal," Sykes said.

The beauty of TG-100 seals are that they can be easily repaired in-situ, so operators are not required to drydock the vessel to replace component parts. Such was the case recently when a seal was damaged due to an incident in the engine room. Parts were replaced quickly and efficiently to ensure the vessel went back into service swiftly.

The Thordon Global Service & Support network offers a full scope of bearing installation and commissioning services, oil to water-lubricated bearing conversion management, shaft coating and shaft seal installation and commissioning. GSS will also offer shaft and stern tube measurement and geometrical alignment services for correct positioning of stern tube and bearings.

For further information, visit <http://thordonbearings.com/>

## **1.l)The Society of Maritime Industries welcomes the long-awaited publication of the National Shipbuilding Strategy.**

The strategy sets out a 30 year plan for naval shipbuilding and, in particular, takes account of the recommendations made by Sir John Parker in his independent report.

It confirms that exportability will be embedded in future shipbuilding designs and heralds a greater co-ordination across government to support export campaigns.

The proposals to streamline MOD procurement practices will be especially well received by industry and the emphasis on the procurement of the Type 31e frigates, a central pillar of the strategy, will be an important factor in underpinning the development of the UK shipbuilding supply chain, which typically is responsible for more than two thirds of the value of a complex warship.

The setting up of a Maritime Enterprise Working Group, led by an Industry Champion, will take forward a number of the strategy's recommendations on improvements of productivity and developments of a skilled workforce, and is a sound first step towards the implementation of the wider strategy and the Society looks forward to helping facilitate the group's work.

As the lead UK trade association for the sector, the Society is pleased to have been recognised in the document following its substantive contributions during the formulation of the strategy and looks forward to playing a continuing role in its development.

For further information, visit <http://www.maritimeindustries.org/>

## **1.m) Norco success with work boats contract**

Norco Holdings, the Poole-based manufacturer of lightweight composite structures and GRP mouldings, has been selected by Atlas Elektronik UK (AEUK) to build the fleet of replacement Workboats ordered recently by the UK MoD and due to be delivered over the next six years.

The contract is for 30+ boats in total, ranging in size from 11 to 15 metres. As the primary composites supplier for the project, Norco will be producing the major components for the new vessels including hull, deck, superstructure and associated multipurpose modules.

The multi-role vessels share common components and will be modular in design. This unique approach enables rapid changes for a range of specialised operational roles, including diving training, explosive ordnance disposal, officer training, passenger transport, arctic exploration, hydrographic survey and logistic re-supply.

The boats will be manufactured at Norco using modern and proven boat building techniques. The company's knowledge and experience in such production techniques enables it to maintain the highest standards of quality and repeatability across the range of new boats.

Norco will work closely with AEUK and the design team throughout the life of the contract providing support in areas such as design for manufacture and production solutions, including the design and manufacture of high quality CNC tooling for the production of composite parts.

For more information on Norco, and their capability, please visit: <http://www.norco.co.uk>.

### **1.n) SMD Design and Build Innovative 6000m Electric Winch and LARS for Shanghai Salvage**

Dedicated deck equipment engineers at Soil Machine Dynamics (SMD) have successfully completed work on an electric drive dual-purpose winch and Launch and Recovery System (LARS) to accompany an order from Shanghai Salvage for a Quasar Work Class ROV. The equipment will be used for salvage operations in deep waters around the world, with an assured maximum working depth up to 6000m.

The dual-purpose electric drive winch will be provided with two interchangeable drums: one 6000m lightweight umbilical cable and one 3000m cable with TMS, capable of carrying heavier loads. The drums can be swapped on the vessel to suit varying operational requirements, preventing the need to return to shore and therefore saving on costs and time. The winch system is designed and certified to the latest DNV-ST-E273 standard, including the electric drive suite which allows the system to be quickly mobilised onto a vessel of opportunity as one unit via a single point lift.

By making use of electric motors powered via a Low Harmonic Variable Speed Drive application, rather than hydraulics, SMD can offer an environmentally-friendly energy-efficient launch system. The turnkey design can be fully integrated with the vessel's electronics, meaning energy from the winch can be regenerated and used for other applications on the vessel.

For further information, visit <https://www.smd.co.uk/4780-2/>

### **1.o) Sentinel Marine investment continues with expansion of fleet**

The latest new-build emergency response and rescue vessel (ERRV) to join the Sentinel Marine fleet has been deployed to service in the North Sea after being christened at Aberdeen Harbour. Mariner Sentinel is now operating on behalf of Statoil at its Mariner field to the east of Shetland – the sixth of nine vessels to join the firm's fleet since 2015.

Statoil's Aberdeen-based offshore logistics and services supervisor, Line Kaldestad, officially named Mariner Sentinel in her role as the ship's godmother. The blessing was carried out by the Howard Drysdale, superintendent of Aberdeen Seafarers Centre and port chaplain.

The 65m ship is one of the biggest to be constructed for Aberdeen-headquartered Sentinel Marine, and is part of a new breed of multi-role vessels to be introduced by the firm. In addition to their main role of protecting offshore workers, the ships can perform other tasks such as oil recovery, rescue towing and dynamic positioning.

Their ability to carry out other duties – along with the fact that they are equipped with the latest technology – means they are extremely efficient to operate. The three remaining vessels under construction are scheduled for delivery within the next year and these will also undertake operations in the North Sea.

For further information, visit [www.sentinel-marine.com](http://www.sentinel-marine.com).

## **1.p) Making big waves in China to test ship design**

Engineering and environmental hydraulics company, HR Wallingford, has been awarded a £12m contract to supply a deep water Wave Generation System to equip a Seakeeping and Manoeuvring Basin which is being created by the Shanghai Ship and Shipping Research Institute (SSSRI) on an island off the east coast of China to test ship design.

SSSRI, which is owned by COSCO, China's state-owned shipping company – the third largest shipping company in the world - conducts research and development into ship design, and the new basin will be used to test innovative vessel design, in order to improve the efficiency and stability of different kinds of ships. SSSRI is building an entirely new state-of-the-art complex on Changxing island off Shanghai where, in addition to the basin which HR Wallingford is helping to equip, the facility will house a Towing Tank and a Cavitation Tunnel (used to test the performance of propellers). The investment in this new facility marks a significant upgrade of SSSRI's capabilities.

In order to carry out tests on some of the largest vessels afloat, the new basin is on an enormous scale measuring 225m long x 45m wide, and some 6m deep, with wave making machines on two sides of the tank, and with a carriage running above the basin so that large scale models of boats with different hulls can be pulled through the water. HR Wallingford will be supplying 120 banks of its deep water hinged-type paddles, equating to 478 individual wave makers. This will enable the facility to provide realistic sea conditions for the ship tests, including long-crested, short-crested and directional waves from the two sides of the basin, or from a combination of the two sides, with wave heights of up to 1m.

See HR Wallingford's wave maker systems in action:  
<https://www.youtube.com/watch?v=KZanGVCLHzI>

For further information, visit [www.hrwallingford.com](http://www.hrwallingford.com).  
Follow HR Wallingford on Twitter @hrwallingford

## **1.q) Finning supplies bespoke generators on first of five new Royal Navy Offshore Patrol Vessels**

Finning Power Systems (Finning), the UK's sole supplier of Cat® marine engines has installed the first set of a series of generators with bespoke control and monitoring systems on the Royal Navy's newest River Class Batch 2 Offshore Patrol Vessels (OPV).

Three CAT C18's and one CAT C9 marine generator, with highly sophisticated performance analysis and evaluation software bespoke-designed by Finning, have been installed on HMS Forth, which is docked at BAE Systems' Scotstoun shipyard in Glasgow.

The first of five OPVs designed and built by BAE Systems, the 90-metre-long HMS Forth has been developed for multiple roles, including support to counter-terrorism, anti-piracy, anti-smuggling and maritime defence operations.

The three Finning-supplied C18 generators, with separate circuit aftercooling systems that utilizes jacket water rather than seawater, will supply all of HMS Forth's main electrical power requirements. In the unlikely event of power failure, the C9 generator will keep HMS

Forth's critical systems, such as emergency lighting, steering, navigational radar and controls, functional.

With their robust design, the CAT generators from Finning proved an ideal solution for the rigours of the marine environment.

The generator package supplied was designed to meet BAE Systems' stringent specifications and, as is mandatory in the European market, are to be CE marked.

For further information about Finning Marine visit <http://www.finning.co.uk>

## **1.r) £50 Million Contracts Mark ASCO's 50th Year**

Leading global supply base operator ASCO has continued its landmark 50th anniversary year with the announcement that it has secured quayside logistics and waste management work worth £50 million in the Southern North Sea (SNS).

The news represents a significant step in consolidating the Aberdeen-headquartered company's market leading position in the region, and provides a solid foundation from which to continue to grow in the SNS and beyond.

The announcement involves a mixture of new business and renewed contracts, ranging from one to five years in duration. Clients include Centrica Exploration and Production, INEOS and Centrica Storage Ltd.

It is anticipated that the recent contract wins, coupled with investment in shore-side infrastructure for ship-to-shore waste transfers and tailored storage packages for handling liquid products will provide a springboard towards securing additional business.

The creation of flexible solutions remains central to the company's approach, both in terms of the bespoke options offered and the commercial frameworks in which they are delivered. This has facilitated both consolidation of existing relationships with key IOC, E&P and major contractor clients as well as the fostering of new associations which have augmented the year's success to date.

ASCO is the leading supply base operator to the global oil and gas industry and is headquartered in Aberdeen, Scotland. It operates from 17 bases in seven countries, and employs around 1,700 people.

Supply base management operations are augmented by a suite of complimentary services, including materials and warehouse management, waste management, decommissioning, transport and logistics, training, personnel provision, fuel services and marine management. ASCO also delivers a range of specialist technical and advisory services in marine, warehouse and inventory and lifting operations.

To find out more, visit [www.ascoworld.com](http://www.ascoworld.com)

### **1.s) IMCA joins world federation of pipe line industry associations**

The International Marine Contractors Association (IMCA) has become a Sister Association member of the World Federation of Pipe Line Industry Associations (WFPIA).

WFPIA provides a platform for collaboration amongst the associations related in one way or another to the onshore and offshore construction of international and regional oil, gas, water and slurry pipelines. Sister Associations form part of the WFPIA and meet at each other's annual conferences or conventions. Members cover global pipeline interests as well as those specifically involved with activities in Australia, Canada, North America, UK, and Russia.

"There is synergy between the work of WFPIA and IMCA's objectives," explains IMCA's Chief Executive, Allen Leatt. "For example, the promotion of safety and developing methods for the reduction and elimination of incidents tops their list, and strongly echoes our own aims. Our membership includes the vast majority of all offshore pipeline contractors in the oil and gas industry, and it makes sense to share operational safety and good practices with our colleagues and partners in the broader pipeline industry for the benefit of all."

For further information, visit [www.imca-int.com](http://www.imca-int.com). Follow IMCA on Twitter @IMCAint.

### **1.t) New research reveals world's largest shipping companies failing to navigate web in a crisis**

Ahead of London International Shipping Week (11-15 September), research has found the world's largest shipping companies are "falling short" when it comes to their approach to digital communication, leaving their brand and reputation vulnerable in the event of a crisis.

According to analysis of data available from some of the world's biggest shipping organisations by European award-winning Issues and Reputation Management agency Acceleris, many are facing choppy waters across a number of categories when it comes to online communication and are failing to maximise on the potential of digital media to both build their brand and safeguard their reputation in the event of a major incident.

Acceleris' Insights division, which uses digital analytics to inform communications strategies, analysed the available website analytics from the top ten shipping companies across the globe, looking at parameters including: search engine optimisation (SEO), site performance, user experience, social and security amongst others. Rating each of the parameters from A-F, the findings have revealed that whilst shipping companies are investing millions to bolster their websites against incidents of cyber crime, many are falling short when it comes to harnessing digital and social media to effectively engage with key stakeholders and their markets.

With an average grading of D, the area companies require the most improvement is on their social media channels, closely followed by the user experience on websites. Analysing the range of channels the companies are utilising and the engagement they received from audiences, the findings reveal large discrepancies in the sector.

To find out more about Acceleris' credentials in the maritime sector, please visit: <http://www.acceleris-mc.com/communications-agency-sectors/maritime-pr-communications.html>

## **1.u) Cautious optimism returns to North Sea – Deloitte**

Reacting to the latest Oil and Gas UK Economic Report, to be published on Wednesday 6 September, Graham Hollis, Senior Partner for Deloitte in Aberdeen, said:

“A cautious optimism has returned to the industry, as it weathers the storm of the past three years. The latest economic report from Oil and Gas UK demonstrates just how much progress the UKCS has made on reducing operational costs, and the encouraging level to which confidence is returning to the basin – most notably through a significant uptick in M&A activity across the sector. Assets are finding their way into the right hands and a new cohort of private equity-backed businesses is breathing new life into the basin.

“Nevertheless, challenges still remain for the North Sea and its recovery needs to be carefully fostered. The report shows there are a potential £40 billion worth of developments in companies’ business plans – it’s up to all of those involved in the industry to help these come to fruition, requiring a collaborative approach between government, the business community, the supply chain, and wider stakeholders.

“The UKCS is vitally important to our economy and still supports more than 300,000 jobs. To ensure its future, we need to set about anchoring that talent pool in Aberdeen and the surrounding areas. While it will mean keeping the skills we already have, it will also mean ensuring we continue to attract a new generation of talent, which can carve out a new path for the industry in the years ahead.”

## **2) EVENTS, TRAINING & DEMONSTRATIONS**

### **2.a) 9th International Interdisciplinary Field Training of Marine Robotics and Applications BREAKING THE SURFACE, 1-8 October 2017, Biograd na Moru, Croatia**

The BtS serves since 2009 as a meeting place of experts and students of marine control engineering and signal processing and the marine robotics application areas in various types of ocean science. BtS is the world’s first successful, multi-year field training program that combines academic topics in marine robotics and robotics application areas and hands-on working experience in the sea, doing remote sensing and sampling for various ocean sciences. BtS is also unique in putting a strong emphasis on the participation of principal investigators and established research group leaders from across the globe. From 2015 BtS introduced a new whole-day workshop, Innovation Day, where robotics experts, researchers and leaders of successful robotics start-ups, share their experience in commercializing robotics-related technologies with the rest of scientific community.

In 2017, there are five program tracks with various lectures (marine robotics- MAROB, marine biology- MARBIO, marine archeology –MARCH, maritime security-MARSEC, marine geology- MARGE0). Beside lectures, program is organized through presentations of projects and companies, research groups tutorials and demonstration of equipment. In addition, once again, BtS will organize Innovation Day.

BtS 2017 will take place from 1st till 8th October 2017 at Biograd na Moru, Croatia. Registration closes 15th September 2017!

Register at <http://bts.fer.hr/registration/>, or through BtS official web page <http://bts.fer.hr/>. Both student and standard registrations include accommodation, meals, tutorials and the complete social programme.

## **2.b) Speakers, training sessions and demonstrations announced for Teledyne Marine technology workshop, 15-18 October 2017, San Diego, USA**

Teledyne Marine will host its second biennial Teledyne Marine Technology Workshop (TMTW) at the Catamaran Resort in San Diego, CA USA on October 15-18, 2017. TMTW will once again attract hundreds of attendees from around the globe, who will converge to explore, learn, and share their experiences on a broad range of technologies and applications.

This year's TMTW will include over 50 industry speakers spanning four concurrent morning tracks focused on the utilization of marine technology for offshore energy, oceanography / hydrography, civil engineering / water resources, and defense / security. Each afternoon will be comprised of product and software training, panel sessions, operational tips, and new technology, as well ongoing on-water demonstrations. The event will commence with two outstanding keynote speakers, including Margaret Leinen, Director of Scripps Institution of Oceanography; and Oliver Steeds, Chief Executive, Nekton Oxford Deep Ocean Research Institute. Full event details and online registration can be found at <http://www.teledynemarine.com/events/teledyne-marine-technology-workshop-2017>

## **2.c) OceanWise Marine Data Management & GIS Workshop**

OceanWise is hosting its free-to-attend Data Management & GIS Workshop on Wednesday 22nd November 2017 at The School of Economic Science, 11 Mandeville Place, London W1U 3AJ.

The keynote speaker is Ed Parsons, London-based Geospatial Technologist and technology evangelist at Google.

This year's workshop theme is 'Modernising Our Approach to Data Management' so if you are struggling to come to terms with the volume of data you collect, perplexed by the processes needed to manage that data or unsure of the value and benefit GIS can bring to your operations, then this event will be of interest to you.

We will discuss recent developments in marine data as well as provide advice, guidance and demonstrate ways you can make life easier for yourselves, your decision makers and stakeholders and also demonstrate how GIS technologies and OceanWise products and services are already successfully delivering savings in time, effort and money.

As always, the workshop provides a great opportunity to network, share experiences with government, industry and academic practitioners and stakeholders involved in managing assets or providing decision support and situational analysis across the marine and coastal space. Lunch is provided.

To register and view the draft programme please go to our website at <http://www.oceanwise.eu/news/events/event-register/> or alternatively email [info@oceanwise.eu](mailto:info@oceanwise.eu) or call us on 01420 768262.

## **2.d) The 2018 Offshore Achievement Awards (OAA) is off to a promising start following its launch yesterday at Offshore Europe 2017 in Aberdeen.**

The annual awards, organised and hosted by the Society of Petroleum Engineers Aberdeen Section (SPE Aberdeen), was launched by Ian Phillips, Chairman of SPE Aberdeen and Donald Taylor, Managing Director at principal sponsor, TAQA. The launch took place at the exhibition stand of the Oil & Gas Technology Centre (OGTC), sponsor of this year's Emerging Technology Award.

As principal sponsor of the event since 2012, TAQA has been an incredible ambassador for the awards providing financial support, judging categories and promoting the event, as well as being instrumental to the success of the annual Gray's School of Art OAA Trophy competition.

Opening for entries on Monday 2 October, categories will continue to celebrate both company successes and individual achievements, covering a wide variety of topics including innovation, collaboration and business growth. In particular, the Young Professional category continues to grow in popularity with 2018 seeing the return of the Young Professional interviews. This process involves an initial shortlist of up to six candidates being interviewed by OAA judges and subsequently being whittled down to three finalists.

In its first year sponsoring an award at the OAAs, industry-led research and knowledge organisation the Oil & Gas Technology Centre (OGTC) is a welcome addition to the line-up.

Entries from UK-registered companies operating within the renewables or oil and gas industries will open on Monday 2 October, 2017, with the ceremony taking place at the Aberdeen Exhibition and Conference Centre on Thursday 22 March, 2018. A full list of categories and criteria is available to view at [www.spe-oaa.org](http://www.spe-oaa.org).

## **2.e) 3<sup>rd</sup> European Dredging Summit, 28 February – 1 March 2018, Bremen, Germany**

The latest in ACI's global series of dredging summits, the 3<sup>rd</sup> European Dredging Summit (28 Feb-1 March 2018) will once again bring together leading experts and stakeholders from across the sector for two days of engaging presentations and interactive discussions tackling the latest challenges and opportunities facing the global dredging industry.

The world's economic and physical landscapes are shifting. Changes in climate, funding and global trade are mirrored in changing client needs and contractor offerings.

Visit Bremen for a balanced programme of technical, commercial, environmental and case-study-based discussions, and to meet industry thought leaders and senior-level decision-makers in an informal environment ideal for sharing ideas and making new contacts.

For further information, visit <http://www.wplgroup.com/aci/event/dredging-summit-europe/>

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

#### **3.a) Ashtead appoints regional director to drive growth**

Global subsea equipment specialists, Ashtead Technology has strengthened its leadership team with the appointment of Brett Lestrangle as UK regional director.

Bringing more than 25 years' experience in the subsea industry, Lestrangle will lead Ashtead's UK sales and technical team to drive growth and support the company as it continues to innovate against a low oil price environment.

Based in Aberdeen, Lestrangle joins Ashtead from HCS Control Systems where he held the position of chief executive officer and developed the business as a service-led subsea manufacturing company, expanding its customer base locally and internationally.

Prior to this, he was a founding partner of Frontrow Energy Partners and held a number of senior and technical positions at Expro Group, including head of subsea.

Originally from Sydney, Australia, Lestrangle began his career in the oil and gas industry in 1992, when he joined Woodside Offshore Petroleum as a graduate engineer.

For further information, visit [www.ashtead-technology.com](http://www.ashtead-technology.com).

#### **3.b) Decom Heavy-weight joins Well-Safe's growing senior team as the company secures HQ offices**

Well-Safe Solutions, a new entrant to the decommissioning market, has further strengthened its senior team with the appointment of Jim Christie as director of programmes. The specialist well abandonment company, launched in July this year, has already assembled a senior team of eight well-known industry experts and now employs 20 people.

Well-Safe has just signed a five year lease for 4,400 square feet to accommodate over 60 people at Hill of Rubislaw in Aberdeen and will be moving in this week. The prestigious, newly refurbished offices have flexible open-plan and office space which can be increased as the company grows.

The appointment of Mr Christie follows hot on the heels of the company's first acquisition and recruitment of the chief executive officer, a chief technical officer and commercial director.

Well-Safe has also announced the appointment of a director of finance. Alan Cormack joins the company with immediate effect. A qualified accountant with ten years' experience in senior finance roles in the oil and gas industry, Mr Cormack joins from Raeburn Recruitment where he was head of finance. Before that, he worked with Mr Patterson as director of finance at Nautronix for almost a decade.

## 4) JOB POSTINGS

### 4.a) Oceanographic Data Scientist, MetOcean, New Zealand

MetOcean Solutions is a science-based consultancy and forecast supplier providing specialist numerical modelling and analytical solutions in meteorology and oceanography. Based in New Plymouth and Raglan (New Zealand) the team works on projects and data analysis world-wide, and passionately believes in rigorous scientific method applying the latest information technology to data services.

A talented Oceanographic Data Scientist is being sought to assist in the niche consultancy and service roles, and the rapidly growing forecast and hindcast sector. The ideal candidate will conceive, design, prototype, improve and/or implement advanced algorithms to generate solutions to critical oceanographic problems/challenges as required to support various MetOcean Solutions projects and programmes. A self-starter with the ability to work in a multi-disciplinary R&D environment, the scientist will also participate in the consultancy team, with a particular focus on post-processing/analysis of hindcast and measured metocean data and report writing.

Employees enjoy an open-office, upbeat culture in a small coastal city on the North Island of New Zealand. This is a fantastic opportunity to work in a growing environment with an interesting and challenging mix of science and technology.

The following skills and experience are required:

- PhD or equivalent experience with advanced skills in data analysis and signal processing of oceanic and atmospheric parameters.
- Numerical and/or analytical modelling experience in oceanography and/or meteorology.
- Strong background in extreme value analysis of oceanic and atmospheric parameters.
- Expertise in Matlab (including GUI programming) and Python.
- Competency in GIS softwares
- Strong technical and scientific report writing in English

This role is a permanent full-time position based in New Plymouth, New Zealand. Pay is based on skill and experience. Applications close on October 6, 2017.

To apply for this position, please email your cover letter and CV to: [t.eytan@metocean.co.nz](mailto:t.eytan@metocean.co.nz). Please reference Application for Oceanographic Data Scientist 2017 in Subject line. A comprehensive job description can be found at: <http://www.metocean.co.nz/careers/>