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**1) GENERAL OCEAN NEWS**

**1.a) Strainstall’s specialist load monitoring equipment supports the Halley Research Station relocation project in Antarctica**

Strainstall, part of James Fisher and Sons plc, is extremely proud to announce it has supplied specialist load monitoring equipment to the British Antarctic Survey (BAS), to support the Halley VI research station relocation project which recently took place, by ensuring safe operations.

The Halley VI research station, located on the Brunt Ice Shelf in Antarctica, is an internationally important platform for global earth, atmospheric and space weather observation in a climate sensitive zone. Due to uncertainty over a newly developed crack in the ice shelf on which it sat, the British Antarctic Survey announced that Halley VI would be relocated 23km away, to ensure its continued safe operation in the future. Halley VI is the world’s first fully relocatable research station, made up of a series of eight pods that have been built upon huge hydraulic skis, so that it can be moved using specialist heavy vehicles to avoid calving events as the floating ice shelf moves towards the sea.

Strainstall supplied BAS with its specialist extreme temperature load shackles, along with Scotload’s innovative SmartLoad™ wireless technology, to deliver load monitoring information during the relocation, ensuring the safe towing of all the modules. To verify Strainstall’s specialist load shackle performance in sub-zero temperatures testing was undertaken down to minus 40 degrees Celsius, as this was the lowest temperature BAS confirmed that any operations would go ahead.

Specifically designed for use in harsh environments, Strainstall’s extreme temperature load shackles are especially modified to provide reliability and high accuracy in extreme sub-zero conditions, as was demonstrated on this prestigious project. Using Scotload’s innovative SmartLoad™ wireless technology, the load monitoring information was fed directly to the relocation team in real-time during towing operations, to ensure safety and efficiency as they towed all of the Halley VI modules along the identified safe route. In addition to the live support, the data logging capability enabled the data to be stored and later analysed to help with any potential future relocations.

For further information, visit [www.strainstall.com](http://www.strainstall.com)

**1.b) Marine Mapping Agreement for Northern Ireland**

OceanWise is pleased to announce that it has been awarded a contract to provide the Government of Northern Ireland with marine mapping. The award reinforces OceanWise as the primary supplier of marine mapping to both the public and private sectors in the UK. The agreement includes Marine Themes, Marine Themes DEM and Raster Charts XL

(eXcluding Land) provided in the form of datasets and as OGC compliant web services. The data will be used to support desktop GIS and as input to web based applications.

The agreement means that OceanWise is able to push ahead with further product enhancements, such as greater land-sea integration in collaboration with the UK's land mapping agencies, OSGB and OSNI, and provide more of its data products as web services.

For further information, visit [www.oceanwise.eu](http://www.oceanwise.eu)

### **1.c) Complete Electrical and Fiber Optical Connectivity Solutions in Subsea Systems**

TE Connectivity (TE), a world leader in connectivity and sensors, recently released its SEACON HydraElectric wet-mate connector. Designed, developed, tested and fully qualified in accordance with the latest industry standards, including ISO 13628-6 and API 17F SEAFOM, this connector is available in remotely operated vehicle (ROV), stab plate and manual modes. The connector's modular construction with 4, 7 or 12 electrical circuits enables many configurations for use in electrical, signal and distribution networks in subsea control systems.

TE's HydraElectric connector supports upcoming industry standards for subsea control system power distribution. Rugged marine systems require connectors with high speed communication capabilities and the ability to manage a range of operating currents. Qualified for both 1500 VDC and 1000 VAC pin to pin, the HydraElectric connector enables copper-based high speed Ethernet and supports the industry standards for Ethernet protocols, including CAN bus compatibility.

TE's HydraElectric connector design features industry standard panel, bulkhead and stab plate interfaces allowing users to exchange, upgrade or modify existing hardware with minimum effort.

Verified for use at 4,000 meters water depth, the connector includes oil-filled dual barriers to help maintain pressure balance. The connector is also corrosion resistant without cathodic protection.

For more information, visit [te.com/seacon-hydraelectric](http://te.com/seacon-hydraelectric).

### **1.d) EdgeTech Provides 6205 to UNH CCOM**

EdgeTech, the leader in high resolution sonar imaging systems and underwater technology, recently provided a 6205 MPES system to the University of New Hampshire's Center for Coastal and Ocean Mapping/Joint Hydrographic Center (CCOM/JHC).

The EdgeTech 6205 Multi Phase Echo Sounder (MPES) produces real-time, high resolution, three dimensional (3D) maps of the seafloor while providing co-registered simultaneous dual frequency side scan imagery. EdgeTech's Multi Phase technology allows a user to collect wide swathe, wide angle, high resolution bathymetry data that's compliant to IHO Special Order S-44 in up to 9 times water depth. This can be done at

coverage rate that is at least twice that of a conventional multi-beam echo sounder and is an order of magnitude faster than using a single beam echo sounder. The result is an effective shallow water hydrographic survey tool that is simple to use and cost effective.

The Center for Coastal and Ocean Mapping/Joint Hydrographic Center (CCOM/JHC) has a close affiliation with the National Oceanic and Atmospheric Administration (NOAA) and will utilize the EdgeTech 6205 for research and education dedicated to their missions of hydrographic science and ocean mapping. The 6205 will be utilized in The Fundamentals of Ocean Mapping course this fall and deployed in other research activities at the Center throughout the year.

For more information, visit [www.edgetech.com](http://www.edgetech.com)

### **1.e) Atlas Professionals and Programmed sign off on acquisition and Joint Venture**

On 10 July Atlas Professionals B.V. (Atlas Professionals) signed the final agreement with Programmed Maintenance Services Limited (Programmed) for the acquisition of the international activities of Programmed Marine and the formation of a 50/50 joint venture for offshore and marine manning services in Australia and New Zealand (ANZ).

Combining best attributes of both companies: The addition of the four Programmed International Marine offices in Houston, Aberdeen, Dubai and Singapore enables Atlas to expand its global footprint and use local expertise to support more clients and professionals worldwide.

Programmed Marine supports vessel and marine activities, drilling / rig operations, offshore construction projects and on-going maintenance and other auxiliary functions, onshore and offshore. This has led to Programmed Marine's impressive track record in the offshore and staffing industry, providing an ideal fit with the business activities of Atlas Professionals.

Joint Venture Australia and New Zealand: The offshore oil and gas industries in ANZ are part of a global industry, with local content and with clients increasingly seeking international marine HR and support services. As a result, Atlas Professionals and Programmed Marine have decided to form a 50/50 joint venture for the Australian and New Zealand marine manning services markets. The combined Atlas Programmed Marine joint venture will benefit from the opportunities that Atlas Professionals, with 20 offices in 16 countries, will bring to ANZ.

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

### **1.f) RS Aqua deliver four Rowe Technology ADCP systems, seabed frames, commissioning and training to BIM, Ireland.**

RS Aqua were recently awarded a contract to supply four ADCP systems to Bord Iascaigh Mhara (BIM) – Ireland's Seafood Development Agency. The systems consisted of four Rowe Technology self-contained ADCPs (two 1200 kHz SeaWatch and two 600 kHz SeaWave units) and four PODS Global seabed frames with gimbaled mounts. In May RS

Aqua personnel were on site to commission the system and deliver a hands-on training course for 8 BIM staff.

Here is a short testimonial from the end user: "Ireland's Seafood Development Agency have recently purchased four ADCP units for the gathering of environmental and current profiling data. This information will help aid and support the Irish aquaculture industry make informed decisions in the future. The RS Aqua team have been very professional throughout the whole process, from delivery to the practical training of BIM Staff. I would also recommend their excellent technical support, especially during the initial set-up and deployment of the equipment in the field."

The ADCPs have collected their first current and wave data for BIM, and are currently being prepared for a second deployment.

For more information, visit [www.rsaqua.co.uk](http://www.rsaqua.co.uk)

### **1.g) UTM Consultants Ltd aims to build subsea talent network**

A new UK-based company which aims to address the immediate and long-term skills needs of the global marine energy sector, has launched today (Monday 10th July).

Headquartered in Cornwall, south-west England, UTM Consultants Ltd will leverage its extensive network together with its industry experience to source and supply the manpower solutions required to deliver complex ROV, survey, inspection, repair and maintenance projects to the oil and gas, renewable, hydrographic, marine, power and telecommunications sectors.

Founded by managing director, Richard Tozer and operations director, Alex Meeks, the privately funded company will specialise in the acquisition and deployment of highly qualified and accomplished professionals from a range of technical and engineering disciplines.

Prior to setting up UTM, Richard ran leading marine recruitment services company, GOSS Consultants before selling the business in 2013. Alex has extensive experience in sourcing personnel for the offshore sector, having previously led the survey division of an international survey and ROV recruitment firm.

Visit [www.utmconsultants.com](http://www.utmconsultants.com) for more details and current vacancies.

### **1.h) Teledyne Benthos Announces New Coastal Acoustic Release Technology**

Teledyne Benthos has announced the introduction of its new coastal release technology. New products include the value-priced Releaseit Deck Unit and dunking transducer, as well as the R-500 Coastal Acoustic Release.

Designed with Teledyne Benthos' proven engineering and reliability, the Releaseit Deck Unit enables basic communications and acoustic release functionality when used with any of Teledyne Benthos R-Series Acoustic releases deployed in shallow water environments.

Releaseit offers budget-conscious customers an attractive alternative topside unit that allows for highly-reliable basic coastal operations. When paired with the new R500 Coastal Acoustic Release, the combined system delivers a lower-cost turn-key option for shallow water applications in up to 500 meters water depth.

Visit the [Releaseit](#) to learn more.

### **1.i) MacArtney renovates and refurbishes French bathymetric survey vessel**

Global multibeam solution provided by MacArtney guarantees successful functioning of bathymetric surveys carried out close to the harbour of Bayonne in the south-west of France.

Located on the western border between Basque Country and Gascony, the harbour of Bayonne belongs to the region Nouvelle-Aquitaine which is under obligation to provide information to the various harbour operators about the depths in the areas of the harbour.

The bathymetries produced are essential for navigation (permissible draft, obstacles) and dredging operations (decision support, control) and they are also necessary for the hydro-sedimentary knowledge of the river Adour, the various channels of access to the harbour, as well as for the supervision of works and the monitoring of the structures.

The Bayonne vessel has been equipped with MacArtney's multibeam solution consisting of a Kongsberg Maritime EM 2040P shallow water multibeam echo sounder, a Valeport miniSVS sound velocity sensor, an Ixblue Hydrins high-performance inertial navigation system which is a hydrographic survey INS, and a Trimble SPS 855 GNSS modular receiver combining the radio and GPS receiver in a single housing.

The data acquisition conditions in the Nouvelle Aquitaine region are very difficult; the water is very turbid and the variability of the sound velocity, in both space and time is significant. In addition to this, logs are frequently being carried by the Adour river, for which reason the system installed has been manufactured in a heavy-duty design, thus ensuring a sturdy structure. The bathymetric system demonstrates great accuracy of a quality being superior to the requirements made by the IHO.

For further information, visit [www.macartney.com](http://www.macartney.com).

### **1.j) Supreme Polyurethane – A new compound for marine and offshore cables**

Elmeridge Cables Ltd have spent the past 12 months helping to develop this new compound. Following successful results since the start of 2017, Elmeridge have been using this compound for all the Marine and offshore cables produced.

The product can be attacked with a sharp blade and remain intact, with very little or no damage. This will help all users with less system down time by increasing the life span of the cable. The compound provides the ultimate protection against marine growth and helps resist being fouled on underwater obstructions.

For further information, visit [www.elmeridge.com](http://www.elmeridge.com)

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

### **2.a) YCCS, UNESCO launch ONE OCEAN environmental campaign & forum**

The Franco Parenti Theatre, Milan, will host the ONE OCEAN Forum event designed by the Yacht Club Costa Smeralda - 3rd and 4th October.

The Forum, which boasts a partnership with SDA Bocconi Sustainability Lab and the Intergovernmental Oceanographic Commission of the UNESCO, is focused on the innovative projects for the preservation of marine environment and promotion of pragmatic actions aiming at ensuring its conservation.

The program is designed to address issues of global importance related to problems which are affecting the marine and coastal ecosystem. Conceived with the goal of promoting a feeling of environmental culture especially among young people, this independent and non-political organisation aims to become the driving force for local and international initiatives engaging with stakeholders from every social background as well as developing into a platform that promotes best practice.

The Forum, supported by Princess Zahra Aga Khan's sponsorship, relies on a Scientific Committee, whose members include personalities from the Italian and International academic world, coming from prestigious universities as well as primary scientific organizations specialized in the study of issues related to the sustainability of the marine environment. The committee is chaired by Francesca Santoro who is also member of the Intergovernmental Oceanographic Commission at the UNESCO.

In order to underline the educational mission of the Forum, together with the scientific relations carried out by people of academic relevance and members of international agencies, the event will also benefit from contributions by people with a common passion for the marine life, targeting a wider audience.

For further information and pictures, visit [www.yccs.com](http://www.yccs.com) and [www.oneoceanforum.org](http://www.oneoceanforum.org)

### **2.b) MECSS 2017 conference programme published – ARC flash; energy storage, cyber security and more**

Rising to the challenge of the industry's fundamental responsibility of making people at sea safer, lies at the heart of the Marine Electrical and Control Systems Safety Conference (MECSS). The third conference in the series being held in Glasgow on 22 and 23 November 2017 continues the theme of 'Delivering integrated, dependable, safe and reliable systems' and will focus on four key areas – prominent hazards, cyber security, whole system, and operational matters, and is proof that determination to strive for ever greater safety levels is ever-present. The full MECSS 2017 conference programme, is now online at [www.mecss.org.uk](http://www.mecss.org.uk).

Organised by FIGS Events Limited on behalf of the Institute of Marine Engineering, Science and Technology (IMarEST) MECSS 2017, with speakers from Australia, the Netherlands, Norway and the UK, is being held at the University of Strathclyde's Technology & Innovation Centre (TIC) in Glasgow, with an Industrial Visit to the University's Power Networks Demonstration Centre (PNDC) open to all delegates the day before the official proceedings begin.

Further information is available at [www.mecss.org.uk](http://www.mecss.org.uk)

### **2.c) 2018 U.S Maritime Technology export initiative applications now available**

The Maritime Alliance (TMA) is now accepting applications from small-medium sized U.S.-based maritime technology companies to share space in the U.S. BlueTech pavilion at Oceanology International in London, UK, March 13-15, 2018.

TMA has partnered with the International Trade Administration, part of the U.S. Department of Commerce, to organize and partially fund an initiative to increase exports from small maritime technology companies (typically \$2MM revenue and 20 people or below with limited trade show experience) from throughout the U.S.

U.S. companies attending Oceanology International in London are also invited to join us for a trade mission the following week to France, Portugal, and either Italy or Spain, at additional cost.

Visit <https://bluetecheexports.org/oceanology-international-2018/> for more information.

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

### **3.a) Ashtead Strengthens Aberdeen NDT Team**

Subsea equipment specialist Ashtead Technology has announced the appointment of Scott Stephen as its new Non-Destructive Testing (NDT) sales manager.

Based at the company's headquarters in Aberdeen, Scott will be responsible for business development and general sales and rental of NDT equipment and accessories, including phased array, ultrasonic flaw detection, corrosion mapping, eddy current flaw detection, hardness testing, composite inspection and thickness management.

Scott joins Ashtead from RSL NDT where he held the role of UK manager and was previously with Euro NDT as general manager, both based in Aberdeen.

The move comes as the independent firm, which has facilities in Aberdeen, London, Abu Dhabi, Houston and Singapore, recently gained certification from the United Kingdom Accreditation Service (UKAS) for the calibration of NDT equipment and has expanded its NDT equipment rental fleet.

Having previously gained UKAS accreditation for the calibration of survey, positioning and oceanographic sensors, this most recent approval also covers the delivery of calibration services for ultrasonic testing equipment used by NDT inspection companies.

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

#### **4) JOB POSTINGS**

##### **4.a) Business Development Manager at Blue Ocean Monitoring**

An excellent opportunity to join a fast growing ocean survey company specialising in long duration autonomous survey vehicles.

Reporting to the Asia Pacific General Manager, this role will involve sales and marketing activities in the Asia Pacific region.

You will be responsible for all aspects of the business development cycle, from lead identification / origination, writing responses to tenders and relationship management. Your role will also involve liaising with suppliers and customers, providing business development services and advice to the General Manager, and managing sales and marketing activities within the region.

This role is based in Perth, Western Australia based and will require travel, within Australia and internationally.

This is a permanent position, with immediate start available, offered on Blue Ocean Monitoring Pty. Ltd. terms and conditions.

You will have around 2-5 years' experience within an ocean survey company or an oil and gas company in a business development or corporate role. You will be a highly motivated individual, capable of working autonomously, with excellent written and verbal communication skills. You will be able to introduce, through your networks, opportunities to grow Blue Ocean Monitoring's business.

Required: A bachelor's degree (or higher qualification) in commerce, engineering, marine science, geoscience or related discipline; Advanced skills with Microsoft Office suite of applications; Ability to obtain a National Police Clearance; Australian Citizenship

Preferred: Experience with ocean surveys; Familiarity with unmanned survey vehicles; Understanding of geoscience.

For further information [www.blueoceanmonitoring.com](http://www.blueoceanmonitoring.com)

Please submit applications via email to [jobs@blueoceanmonitoring.com](mailto:jobs@blueoceanmonitoring.com)

Closing date for applications Monday 31th July 2017.

#### **4.b) Support Engineer at Kongsberg GeoAcoustics Ltd**

Kongsberg GeoAcoustics Ltd are a world leading organisation in the design, production and sales of acoustic underwater survey equipment and are part of the wider Kongsberg Group based in Norway.

Kongsberg GeoAcoustics have an opening for a Support Engineer to become part of the team which provides their customers with excellent pre and post-sales support. The main duties will be to provide customer support in relation to the TOPAZ sub-bottom profiler system as well as other products such as the GeoSwath combined bathymetry and sidescan sonar system. This will involve resolving both hardware, configuration and software issues via telephone / email with potential for visits to customer locations both in the UK and overseas where necessary.

In addition to providing customer support, you will also be involved from time to time in system testing both before dispatch as well as fault finding investigations into any reported issues. Once fully trained you may be required to undertake system demonstrations and user training. The preferred candidate will have knowledge and experience in the following areas;

Previous experience in providing excellent customer support in relation to complex instrumentation supporting both hardware and software issues; Experience of system fault finding and functional testing; The successful candidate is likely to hold a minimum of an HND in an engineering or scientific discipline; Previous experience of working in the role of a support engineer is required along with good IT skills; Previous experience in conducting marine surveys using related technology is an advantage.

To apply send a covering letter explaining why you are the ideal candidate for this role along with your CV and salary expectations to Richard Dowdeswell, General Manager, Kongsberg GeoAcoustics Ltd, Shuttleworth Road, Great Yarmouth, NR31 0NQ or alternatively by email to [richard.dowdeswell@km.kongsberg.com](mailto:richard.dowdeswell@km.kongsberg.com).

Further information about the company is available at [www.km.kongsberg.com/geoacoustics](http://www.km.kongsberg.com/geoacoustics)

#### **4.c) Product Specialist at Kongsberg GeoAcoustics Ltd**

Kongsberg GeoAcoustics are a world leading organisation in the design, production and sales of acoustic underwater survey equipment and are part of the wider Kongsberg Group based in Norway.

Kongsberg GeoAcoustics have an opening for an individual to become a technical specialist in the use and application of the Kongsberg TOPAS system. Whereas echo sounders return information about the depth and shape of the seafloor, the TOPAS system provides information about the density of the material below the water-seafloor boundary, hence its designation as a “sub-bottom” profiler.

The primary purpose of the role is to become the leading “in-house” authority on the use and application of the TOPAS system. The role includes:

Support product sales with installation, demonstrations, training and trials of the system; Provide technical articles to support sales and marketing efforts for the TOPAS system; Keep abreast of technology/capability within Kongsberg related to sub-bottom profiling / seabed mapping; Define and drive new product feature specifications; Kongsberg GeoAcoustics are looking for a self-driven customer facing technical professional with positive attitude and good leadership and collaborative skills; A scientific / engineering degree with a demonstrable ability to understand complex scientific principles; A proven track record of technical competence within a high technology environment, preferably in acoustics or related field; Experience and knowledge of conducting geophysical marine surveys is an advantage.

To apply send a covering letter explaining why you are the ideal candidate for this role along with your CV and salary expectations to Richard Dowdeswell, General Manager, Kongsberg GeoAcoustics Ltd, Shuttleworth Road, Great Yarmouth, NR31 0NQ or alternatively by email to [richard.dowdeswell@km.kongsberg.com](mailto:richard.dowdeswell@km.kongsberg.com).

Further information about the company is available at [www.km.kongsberg.com/geoacoustics](http://www.km.kongsberg.com/geoacoustics)

#### **4.d) Survey & Logistics Support Engineer at Bibby Hydromap**

A full time office based role. Working within the Engineering department handling and managing equipment requirements from point of contract award to dispatch and return.

This is a fast changing and dynamic environment that requires someone with excellent organisational and communication skills. Liaising between Commercial and Operations departments and working to tight deadlines is also part of the role.

Ideally suited to an experienced surveyor, survey engineer or workshop engineer/supervisor from within the rental arena specialising in subsea / survey equipment now looking for a shore position.

Job Role Duties: Review and Improve current procedures and communications with regard to equipment processes and requirements; Build strong relationships with external suppliers; Manage all equipment requests and required logistics to ensure the correct equipment is supplied, delivered and returned; Generate dispatch and inventory notes; Maintain accurate equipment listing; Manage survey equipment movements to and from vessel ensuring correct packing of equipment for shipment; Monitor and report equipment failures, downtime and incidents; Various other month end reports as required; Assist where necessary and appropriate with equipment repair, test and calibration; Work closely as part of a team; Act in a professional, safe and appropriate manner at all times; Keep abreast of relevant technical developments, working practices and department procedures.

For more information visit [www.bibbyhydromap.com](http://www.bibbyhydromap.com)

#### **4.e) Various roles at MG3**

Due to MG3's continued growth, opportunities have arisen for new positions within the company. MG3 are looking for suitable candidates for the following roles:

Geophysical Party Chief

Marine Geophysicists (Junior and Senior)

Geophysical Engineers

Previous industry experience is required. For more information please contact Jess Holmes, HR Manager ([jess.holmes@mg3.co.uk](mailto:jess.holmes@mg3.co.uk)).