

# MORE VARIETY AT AN EXPANDED TRADE SHOW

## Ocean Business 2013 Preview



Southampton, in the south of the UK's Hampshire region, will be buzzing from 9 to 11 April 2013 as hydrographic, oceanographic and offshore professionals gather for an even bigger edition of Ocean Business. The organisers expect the 300 exhibitors to welcome 4,000 visitors and delegates to the National Oceanographic Centre grounds and inform them about the latest technologies. Hydro International invited exhibitors to give their preview, which we have published on these pages to give you a taste of what's on offer during the event.

### 3D Laser Mapping

3D Laser Mapping is a world-leading provider of laser scanning technology. Established in 1999, our technology draws on many years of experience integrating laser scanners in

innovative ways and developing highly effective solutions to multinational companies around the world. Our highly experienced engineering team work with long-standing partners and leading suppliers at the forefront of their technology areas to ensure we deliver - high-value and dependable information to our customers.

Operating globally through offices in the UK, USA, South Africa and Australia, and a network of specialist distributors, we are able to provide front-line support to a prestigious and growing list of clients.

[www.3dlasermapping.com](http://www.3dlasermapping.com)

Stand Number: V8

### AML Oceanographic

AML Oceanographic designs, sells, and services innovative instruments and sensors for many segments of the ocean sensing market. Our customers are located in more than 100 countries and include organisations in the fields of hydrography, science and research, environmental monitoring, offshore construction, and others. As the only provider of Sensor Xchangeable instruments, AML is in a unique position to simplify recalibration, maximise system redundancy and increase return on investment. Over the past 38 years, we have developed a list of engineering firsts of which we are proud. We are confident that our list of innovations will grow as the years roll forward.

[www.amloceanographic.com](http://www.amloceanographic.com)

Stand Number: K8

### Applied Acoustics

Applied Acoustic Engineering (AAE) debuts their sparker system, featuring an advanced version of the CSP energy source along with non-wearing and long-lasting sparker electrodes on a Squid sound source. Designed to minimise the downtime associated with planned maintenance, AAE's latest concept will provide operational cost savings alongside the company's dual standards of quality and reliability. Additionally, Applied Acoustics will launch an acoustic positioning system to facilitate the accurate relocation of marked subsea targets utilising 2-way spread spectrum signal processing within the smallest possible enclosure, bringing cost efficiencies for operations where targets are deployed for short periods. Both products will be demonstrated on board the Coral Wind. Also on the stand will be the Fatboy and Seabed range of beacons now with Spread Spectrum technology for added accuracy, and running demonstrations of the latest upgrades to the Easytrak Lite and Nexus software.

[www.appliedacoustics.com](http://www.appliedacoustics.com)

Stand Number: L6

### Ashtead Technology

Launching at Ocean Business - the Vortex electric dredge pump, specifically customised for small electric ROVs. Exclusively available from Ashtead Technology, this highly innovative product is not to be missed! Ashtead Technology is a world-leading subsea equipment solutions specialist, providing rental equipment, offshore personnel, calibration, repair and maintenance services and bespoke engineered solutions. Find out more about our extensive range of positioning, geophysical, hydrographic and oceanographic equipment, ROV sensors and tooling, visual inspection, diving and NDT equipment at the show. With offshore supply facilities in Aberdeen, Houston and Singapore, and agents in Norway, Australia and Abu Dhabi, we can provide a global, flexible and responsive subsea solution, delivered locally.

[www.ashtead-technology.com](http://www.ashtead-technology.com)

Stand Number: F8

### Atlas Services Group

For more than 30 years, Atlas services Group has been the market-leading provider of personnel to the offshore survey, seismic and construction industry. Professionals working with Atlas have access to a wide range of projects in worldwide locations due to our extensive

network of clients. During Ocean Business, we will be showcasing our offshore survey services and capabilities. Training and workshops will be given on survey principles along with presentations on the importance of competence. We will also be announcing some interesting news, so watch this space....

[www.atlasservicesgroup.com](http://www.atlasservicesgroup.com)

Stand Number: W1

### **Autonomous Surface Vehicles Ltd (ASV)**

Autonomous Surface Vehicles Ltd (ASV) is a company of naval architects, mechanical, software and electronics engineers specialising in the design and construction of unmanned marine systems. The company works in the international oil and gas market, conducts specialist military research into mine countermeasures (MCM) platforms and supplies a range of unmanned marine gunnery training targets. The company has supplied over 25 different unmanned surface vehicles (USV) for a wide range of tasks. ASV has recently designed and manufactured a Mobile Station Keeping Buoy C-Stat that has been delivered to a customer in Japan and another vehicle is undergoing significant testing at their facility in Portchester.

[www.asvglobal.com](http://www.asvglobal.com)

Stand Number: V22

### **Bowtech Technologies**

The new products being showcased will include: the EXPLORER LITE and PRO cameras, which are the latest in the company's low light camera range, exceeding the performance of the old industry standard SIT camera; the SURVEYOR-HD PRO, high-definition, ultra-wide angle camera; the OceanLASER-L underwater laser and the new high powered LED-V-SERIES 20,000 lumen LED flood light. Rated to operate at 6,000 metres ocean depth, the lights are manufactured with anodised aluminium, offering proven, corrosion resistance. The 90° wide beam angle light produced, is ideal for illuminating large areas for HD viewing tasks.

[www.bowtech.co.uk](http://www.bowtech.co.uk)

Stand Number: H5

### **Chelsea Technologies**

Justin Dunning will present an overview of fluorescence measurements and their applications to water quality on board RV Callista. He will also present field data and demonstrate the new range of UviLux fluorometers which are configured to measure hydrocarbon, faecal contamination, BOD, optical brighteners & CDOM. Also on board the RV Callista, Dr Kevin Oxborough will demonstrate the new range of FastOcean FRR fluorometers for in situ and in vitro estimation of gross primary productivity. Additional applications include, ballast water monitoring, bloom detection, sea-truthing of satellite data, toxicant detection, coastal monitoring and iron fertilisation experiments to name a few. A full range of sensors will be on display on stand T8.

[www.chelsea.co.uk](http://www.chelsea.co.uk)

Stand Number: T8

### **Chesapeake Technology**

Chesapeake Technology, Inc. (CTI), the innovation leaders in sonar data acquisition and processing software, will be introducing the addition of SonarWiz Bathy, which will be available later in 2013. SonarWiz Bathy will enhance its industry-leading capabilities for side-scan, sub-bottom, and mag sonar data. SonarWiz simplifies the survey process by providing one solution for all customer sonar surveying needs. Surveyors are lead through the workflow methodology with the intuitive, easy-to-use, full-featured software. SonarWiz users worldwide increase productivity, simplify data collection and post-processing, and produce high-quality outputs. Attend the SonarWiz training on Friday 12 April in Southampton, to see for yourself.

[www.chesapeakeotech.com](http://www.chesapeakeotech.com)

Stand Number: S5

### **C-Max**

C-MAX will be displaying and demonstrating their CM2 side-scan sonar systems with a full range of options and accessories; included amongst these is the CM2 portable power winch. This winch, with a 300m cable capacity, is unique to C-MAX, and allows the sonar operator to remotely control the tow fish depth. Because it uses a low drag stainless steel cable it allows better depth penetration for the tow fish than the common alternative of 'soft' manually hauled cables. Aside from its role in side-scan sonar this winch is also finding other uses such as the deployment of CTD probes.

[www.cmaxsonar.com](http://www.cmaxsonar.com)

Stand Number: K7

### **Caris, EIVA**

CARIS and EIVA have signed a Memorandum of Understanding to collaborate on providing offshore survey organisations with a tightly integrated and streamlined solution.

Through this partnership the two organisations join forces to provide a world-leading solution for offshore survey projects that includes acquiring and processing survey data through to managing and manipulating the data in an enterprise GIS environment.

CARIS and EIVA plan to hold a workshop to introduce this solution at Ocean Business. To pre-register your interest in this workshop, please contact

[ce.workshop@caris.com](mailto:ce.workshop@caris.com) as space will be limited.

[www.caris.com](http://www.caris.com), [www.eiva.dk](http://www.eiva.dk)

Stand Number: B6

### **Coastline Surveys**

Coastline Surveys offers a full range of services to all marine sectors, coastal & offshore, in the UK and internationally including oil & gas, marine renewable energies, ports, harbours & marinas, marine minerals and coastal civil engineering.

Founded in 1991, with offices in Lowestoft and Falmouth, Coastline provides added-value services to meet the precise survey needs of clients providing 'fit-for-purpose' reports – not just standard deliverables.

Equipped to acquire geotechnical data up to 20m below seabed in water depths of up to 2,000m with a range of equipment including seabed CPTs, vibrocorers, piston and box corers and grabs.

[www.coastlinesurveys.co.uk](http://www.coastlinesurveys.co.uk)

Stand Number: K10

### **Dutch Ocean Group**

Eight members of the Dutch Ocean Group will present their latest products and projects in the Netherlands Pavilion (E5). Amongst them are No Limit Ships Shipyards which recently won the order to design and build a hydrographic survey vessel for the Wasser- und Schifffahrtsamt Cuxhaven, Acta Marine presenting its recently delivered Shallow draft DP Multicat Coastal Challenger and RADAC BV showing the latest version of its radar wave-height and wave direction measuring system.

[www.dutchoceangroup.nl](http://www.dutchoceangroup.nl)

Stand Number: E5

### **Elmeridge Cables Limited**

Brighton, UK-based, specialist cable manufacturer Elmeridge Cables look forward to welcoming you to stand W35, where we will be very happy to answer any questions you may have and to discuss all things cable-related over a complimentary coffee and a stick of Brighton rock! We are proud to launch our new range of 'Elmtronic' high-strength tow cables at Ocean Business, with samples of the new 38-ton breaking strain tow cable (specially commissioned for a military application) available for all to see. We also hope to meet you at the International Wine Trail on the evening of 9 April from 5 – 7pm.

[www.elmeridge.com](http://www.elmeridge.com)

Stand Number: W35

### **G.O.S.S. Consultants (acquired by Atlas Services Group)**

Atlas Services Group completed the acquisition of 100% interest in GOSS Consultants Ltd and GOSS (North Sea) Ltd on 8 March. Atlas Services Group has initiated the acquisition to add further scope and options for the combined existing client base and consultants. The companies will integrate and, in the near future, trade under the name of 'Atlas Services Group'. This acquisition brings together two strong agencies in the market of seismic, hydrographic, telecoms, renewable and offshore survey professionals. By combining the best attributes of both companies, the aim is to become first choice for consultants, clients and employees.

[www.gossconsultants.com](http://www.gossconsultants.com)

Stand Number W1

### **Geosoft**

Geosoft announces a new UXO Marine software package, providing a purpose-built workflow and tools for processing, detecting and analysing munitions and other buried objects using single magnetometer, Transverse Gradiometer and multi-sensor arrays. Marine survey companies will use Geosoft's Oasis montaj software for identifying and classifying pipelines, cables and unexploded ordnance (UXO).

[www.geosoft.com](http://www.geosoft.com)

Stand Number: V30

### **HELZEL Messtechnik**

The new ocean radar system 'WERA COMPACT 12+' by HELZEL Messtechnik from Germany is the more compact successor of the well-known WERA system. This remote sensing system provides several new features including a wireless connection between the transmitting and receiving unit to provide more flexibility for site geometry, to make the site selection easier and so that it can be operated in different modes. Whether compact or array type antenna layout is used, the WERA system always provides the best solution for your application with outstanding data availability, best spatial and highest temporal resolution. With these shore-based systems ocean currents, waves and wind can be measured more than 200 km offshore from the comfort of your office. A classroom session on WERA will be presented on Tuesday 9 April from 2:00 pm to 3:00 pm in classroom Node 064/03.

[www.helzel.com](http://www.helzel.com)

Stand Number: R5

### **Hydro International**

Hydro International introduces Geo-matching.com which enables you to compare products before you buy, without having to trawl through the various manufacturers' websites. Geo-matching.com features detailed spec-based comparisons of more than 500 products. The website leads you through the maze of specifications and allows you to compare the products of many different producers and read up on reviews given by users enabling you to make a balanced judgment before buying. Or leave your own review! The website brings together all the highly valued Hydro International product surveys, including GNSS receivers, Inertial Navigation Systems, Autonomous Underwater Vehicles, Remotely Operated Vehicles, Side-scan sonar, and Multi-beam echo sounders.

[www.hydro-international.com](http://www.hydro-international.com), [www.geo-matching.com](http://www.geo-matching.com)

Stand Number: R4

### **Hydrosphere**

On stand W42 leading supplier of aids to navigation, Hydrosphere UK Ltd, will be promoting a range of meteorological and oceanographic data buoy platforms along with their polyethylene navigation buoys, marker buoys and special marks designed by world-leading buoy manufacturer Mobilis. In addition, they will be showcasing a selection of navigation lights by Carmanah-Sabik and Vega Industries Ltd. With the recent launch of their new rental service, Hydrosphere Rentals Ltd, these products are now available to rent as well as purchase. For more information call +44 1420 520374, email [sales@hydrosphere.co.uk](mailto:sales@hydrosphere.co.uk).

[www.hydrosphere.co.uk](http://www.hydrosphere.co.uk),

[www.hydrosphererentals.co.uk](http://www.hydrosphererentals.co.uk)

Stand Number: W42

### **Idronaut**

Idronaut presents the 'VERTIGO', a compact tethered free-falling microstructure profiler for easy and straightforward measuring of fine structure and dissipation-scale turbulence, equipped with the most important oceanographic sensors, at their stand V20. Its advanced development was carried out in collaboration with the P.P. Shirshov Institute of Kaliningrad - Russia. Another exhibit on the stand is the OCEAN SEVEN 303HT High-Temperature Multiparameter Probe (CTD, O<sub>2</sub>, pH, ORP) which operates at temperatures up to 105°C and a pressure of 400bar. This was developed in the framework of the EUROSTAR E! 5964 HIGHTEMP Probe project, in collaboration with FLODIM - France. The other new products, OS304Plus and OS305Plus, will be presented in a dedicated classroom as well as at the stand.

[www.idronaut.it](http://www.idronaut.it)

Stand Number: V20

### **Kongsberg Geoacoustics**

Kongsberg Geoacoustics is the supplier of GeoSwath Plus COMPACT, the market-leading portable shallow-water multi-beam system. Over 200 GeoSwath systems are in operation worldwide and users include leading commercial survey companies, environmental mapping agencies, hydrographic offices and marine research institutes.

[www.geoacoustics.com](http://www.geoacoustics.com)

Stand Number: P2

### **Kongsberg Maritime**

Kongsberg Maritime will unveil a new AUV and introduce a new variant of its EM 2040 multi-beam echo sounder during Ocean Business 2013. Other highlights from the leading subsea technology developer include the return of the popular Kongsberg Maritime demo boat, with on-water demonstrations of cNODE® underwater positioning and data link transponders. Live cNODE demos will run every afternoon during Ocean Business and interested parties are invited to register on the Kongsberg Maritime stand as early as possible to avoid disappointment. Kongsberg Maritime Ltd meanwhile, will focus on its growing rental portfolio, which now includes the REMUS 100 AUV from Kongsberg Hydroid.

[www.kongsberg.com](http://www.kongsberg.com)

Stand Number: N1

### **Measurement Devices Ltd**

Measurement Devices Ltd. (MDL), A Renishaw Group company, is a complete solutions provider, designer and manufacturer of rugged laser measurement systems for use in extreme environments.

MDL will be showcasing our Fanbeam® and Dynascan products. Our Fanbeam is a DP reference system, which is used on over 1,500 vessels worldwide. MDL's Dynascan mobile mapper is ideal for marine based applications and can be mounted on any moving platform. Please see us for a demonstration at the show.

In addition to product sales, MDL's Technical Services Division offers equipment hire, data processing and project support to help customers throughout their projects.

[www.mdl-laser.com](http://www.mdl-laser.com)

Stand Number: W15

### **Marine Training Company (MTCS) Ltd**

ROV downtime is extremely expensive, both in terms of lost productivity and reputation, so Fault Finding is an important skill to have. It is with this in mind that marine trainers, MTCS Ltd, will be launching their new, ROV Fault Finding Distance Learning programme at the Ocean Business Exhibition, Southampton, on Tuesday 9 April 2013, 9.30am. The MTCS distance learning ROV Fault Finding Programme will cover: the generic fault finding principle; common faults with work class ROV systems; faults particular to a specific configuration or manufacturer; practical exercises and simulated exercises.

[www.mtcs.info](http://www.mtcs.info)

Stand Number: V19

### **NCS Survey**

NCS Survey has recently established two international offices; Rio de Janeiro and Stavanger. These offices allow the company to build its strong track record in rig positioning, construction support, real-time visualisation and AUV services, with a local presence in both of these regions. In addition, the company has expanded its growing AUV fleet with the purchase of two Teledyne Gavia AUVs. These vehicles are the latest in the Gavia Offshore Surveyor series and are equipped with high-resolution SSS, MBES, SBP, USBL, LBL, GPS and INS. The AUVs are used to provide ultra-high-resolution data for pipeline and platform inspections; scour monitoring surveys; cable and pipe route surveys; and offshore wind farm surveys.

[www.ncs-survey.com](http://www.ncs-survey.com)

Stand Number: M2

### **Norcom Technology**

Norcom Technology Limited is an independent software development company specialising in marine navigation software and hardware. Norcom will be exhibiting its electronic charting software and demonstrating its working in conjunction with a Smartfind S10 personal AIS Beacon which transmits a unique alert signal within a typical 4 mile range.

[www.norcom-technology.co.uk](http://www.norcom-technology.co.uk)

Stand Number: S10

### **OceanTools Ltd**

OceanTools Ltd is an independently owned, world-leading subsea engineering company specialising in design and manufacture of subsea equipment. Deployed in harsh environment applications including subsea survey and ROV operations, OceanTools products are field proven, trusted and reliable. Visit stand G9 to see the OceanSENSE Leak Detection and Cement Confirmation System, the new OceanSURVEYOR subsea survey frame comprising of OceanFOG fibre optic gyrocompass, OceanDISP subsea display, SmartPOD data concatenator, MA500 high-precision altimeter, Digiquartz depth sensor and C-Switch underwater switch, our new range of 3,000m electric Pan & Tilts and our market-leading High Definition Overlays.

[www.oceantools.com](http://www.oceantools.com)

Stand Number: G9

### **Ohmex**

TweetM8 live tide and weather information using Twitter is presented at OB2013 by Ohmex. A pilot suggested using Twitter as data provider. He sometimes had to berth when the harbour office was closed and nobody could relay tide and weather information. The suggested IT solution using a tablet application did not allow for the poor internet service offshore. The Twitter service, available for web-based users and SMS text messages, could include gauge location information, UTC timestamp, keep last two days tweets available, user-controlled tweet 'following' and distribution and wide availability of data through mobile web applications and clients. During OB2013 there will be a demonstration of live data from a gauge located along the eastern side of the NOC dock area, to 'follow' on

[www.twitter.com/ohmex](http://www.twitter.com/ohmex)

and [www.tidegauge.com](http://www.tidegauge.com).

[www.ohmex.com](http://www.ohmex.com)

Stand Number: W30

### **Rapp Hydema**

The contract delivery covers the turn-key delivery of two complete Work Class ROV Moon Pool Handling Systems. In addition, delivery covers fabrication drawings for: ROV skidding pallet, ROV moon pool hatches, cursor rails with parking assembly and centerline lower hatches. Rapp's delivery covers the hydraulic drive and control system for all hatches and ROV skidding pallet on the vessel. The Constellation ROV handling will be the latest generation of ROV handling systems designed for Work Class ROV operations down to 4,000 metres in harsh weather and high speed. All winches are fully electric, high speed and each moon pool system has full redundancy in all critical components. Delivery by Rapp Hydema will take place in spring 2013.  
[www.rappmarine.com](http://www.rappmarine.com)  
Stand Number: P9

### **RIEGL**

The Austrian manufacturer RIEGL gives an insight into the latest developments in hydrographic and marine mobile mapping at booth V8 in the dockside exhibition hall. The RIEGL VQ-820-G hydrographic airborne laser scanner offers combined land and hydrographic airborne survey of coastlines and shallow waters integrated into a complete platform for airborne scanning, easily installed in any type of aircraft platform, e.g. fixed wing or helicopter. Moreover RIEGL presents the application of the VQ-Series Laser Scanners in combination with multi-beam sonar systems for shipborne mapping. Latest information on actual projects will be given in the RIEGL training session on Thursday 11 April 2013, from 9 to 10 am, in the Ray Beverton Room.  
[www.riegl.com](http://www.riegl.com)  
Stand Number: V8

### **Saderet**

On the Saderet stand, Hemisphere GPS introduces the Vector VS330 GPS compass system that provides high-performance heading, position, heave, and attitude data. The new Vector is designed for professional marine applications such as hydrographic and bathymetric surveys, dredging, oil platform positioning, and buoys that demand the highest level of 3D positioning accuracies. Based on Hemisphere GPS' Eclipse GNSS technology, the Vector VS330 utilises the most accurate differential corrections including RTK, L-band, SBAS, and beacon with the smart MFA firmware automatically selecting the best solution available. Since 1998, Saderet has been serving the offshore survey community specialising in the supply of quality navigation, oceanographic and survey equipment.

[www.saderet.co.uk](http://www.saderet.co.uk)  
Stand Number: K12

### **SIG France**

SIG France will be launching its new energy source for sparker-boomer seismics. The new energy source has lost weight: minus 40 kilos on the single box. Objective: easy mobilisation-demobilisation in a robust case, easy to use, but 100% safe; 100 to 2,000 joules power supply, with steps of 100 joules, and high voltage from 3 to 4kV. This new energy source will replace the SIG 2mille which was increasingly found on the research vessels over the past 10 years.  
[www.marine-seismic-equipments.com](http://www.marine-seismic-equipments.com)  
Stand Number: V35

### **Sonardyne**

Daily in-water demonstrations will be a key focus of Sonardyne's offering at this year's Ocean Business in Southampton whilst inside on the company's expanded stand, visitors can explore four different technology zones; acoustic positioning, inertial navigation, wireless communications and sonar imaging. Application experts will be on hand to offer guidance and advice for any subsea projects with Sonardyne's Survey Support Group also running daily acoustic and inertial positioning technique workshops. Sonardyne will also be hosting a Wine Trail station on Tuesday 9 April and sponsoring the prestigious annual Gala Dinner on Wednesday 10 April at Southampton Guildhall.  
[www.sonardyne.com](http://www.sonardyne.com)  
Stand Number: E1

### **SubCtech**

The company SubCtech is an internationally operating company based in Kiel, Germany. As a developer of marine technology and underwater power supplies the company presents a product family of pCO2 analyser and complete mobile and stationary environmental and water quality monitoring systems. This family was recently completed by a pCO2 Lab analyser which will be launched at OB 2013. In addition, a new water quality monitoring system for mariculture applications and deep-sea, offshore Li-Ion battery technology for underwater applications down to 6,000m will be introduced. Please see us at SubCtech Booth G10 and Rs Aqua Booth G1, our appointed representative for UK & Ireland.  
[www.subctech.eu](http://www.subctech.eu)  
Stand Number: G10

### **Swathe Services**

This year at Ocean Business R2SONIC and their UK distributors, Swathe Services, have teamed up with MSDS Marine and their survey vessel Shogun to demonstrate the SONIC 2024 and SONIC 2020 multi-beam echo sounders. Customers will be able to see first-hand the Ultra-High-Resolution 700kHz with 0.3° beam width resolution and TruePix capabilities of the system. Demonstrations will be undertaken hourly, after registration at the Swathe Services stand W19. In addition to this, managing director James Williams will be presenting a paper at the Offshore Survey Technical Conference on The OceanScience Group's Z-Boat – an innovative platform for mapping difficult areas to access.  
[www.swathe-services.com](http://www.swathe-services.com)  
Stand Number: W19

### **Teledyne Blueview**

Teledyne BlueView, the world leader in compact acoustic imaging and measurement technology will showcase its new mini M Series 2D Multi-beam Imaging Sonar and ProViewer 4.0 operating software. The new M Series is 30% smaller, 30% lighter, and uses 30% less power than the popular P Series. The M Series with the all new ProViewer 4.0 operating software delivers new functions and features that make your job easier. Tuesday 9 April - Dockside, from 5:00 to 6:00pm a live BV5000 3D Multi-beam Scanner demo will demonstrate the

unique underwater imaging and measurement capabilities of the BV5000.

[www.blueview.com](http://www.blueview.com)

Stand Number: T2

### **Teledyne Odom Hydrographic**

With nearly 30 years of experience in designing and manufacturing precision, digital hydrographic instruments, Teledyne Odom Hydrographic is one of the world leaders of velocimeters, single and multi-beam echo sounders. See us on Booth S1 and sign up for on-water demonstrations being offered during the conference.

[www.odomhydrographic.com](http://www.odomhydrographic.com)

Stand Number: S1

### **Teledyne RDI**

This year at Ocean Business, Teledyne RD Instruments will have on display a sample of their Acoustic Doppler Current Profilers (ADCPs) for current profiling and waves measurement; Doppler Velocity Logs (DVLs) for underwater navigation; CTDs for conductivity, temperature and depth readings; and Carbon Sensors for underwater CO<sub>2</sub> and CH<sub>4</sub> detection. Teledyne RD Instruments, in conjunction with Teledyne Webb Research, will also offer a classroom presentation on T-RDI's new Explorer ADCP, which has been successfully integrated into Teledyne Webb Research's Slocum Glider in support of the Ocean Observatories Initiative (OOI). The Explorer ADCP, with bottom tracking capability, collects high-resolution current profiling data from a glider or other autonomous platform.

[www.rdinstruments.com](http://www.rdinstruments.com)

Stand Number: S1

### **The Acclaimed Software**

The Acclaimed Software is pleased to announce the renewal of their agreement with Veripos for further development of their leading positioning software Verify QC. At Ocean Business EPOCH, the graphical marine management software developed for OMM (Offshore Marine Management) providing live reporting between offshore and onshore, will be demonstrated. They will also unveil their iObox, allowing operations to be recorded or performed to the millisecond within applications on non-real-time operating systems. To celebrate their 10th year, The Acclaimed are offering free access to PatchBox during Ocean Business. Patchbox links multiple data inputs and outputs, enabling redistribution of data, e.g. collecting and sharing positioning, monitoring or survey data supplied by multiple sensors.

[www.the-acclaimed.com](http://www.the-acclaimed.com)

Stand Number: M3

### **The Hydrographic Society UK**

An official supporter of Ocean Business 13 and Ocean Careers as well as a co-organiser of the accompanying two-day Offshore Survey conference, The Society is exhibiting a full range of literature and services maintained for its sizeable domestic and overseas membership representing hydrographic and related disciplines at all levels of expertise. Publications include the latest edition of the newsletter, Soundings. Fringe events include staging of the 9th Annual General Meeting on 10 April during which there will be a formal announcement of The Society's inaugural Fellowships.

[www.ths.org.uk](http://www.ths.org.uk)

Stand Number: F11

### **Ubifrance**

The French Trade Commission UBIFRANCE will showcase a number of French ocean technology specialists on Stand T5 at Ocean Business 2013. CADDEN is a specialist in electronic measuring systems for geopositioning and oceanography; Ifremer is the French research institute dedicated to sea exploitation; nke Instrumentation provides solutions for in-situ measurements; SBG SYSTEMS manufactures motion-sensing solutions; SUBSEA TECH specialises in a range of marine and underwater technology; IN VIVO provides marine environmental and oceanographic consultancy services; ACSA specialises in undersea robotics and positioning systems; and, finally, Sea Tech Week 2014 is an international marine science and technology event that will take place in Brest, Brittany (France) in October 2014.

[www.ubifrance.fr](http://www.ubifrance.fr)

Stand Number: T5

### **Veripos**

A world leader for satellite positioning services, Veripos presents its latest independent high-accuracy capabilities using combined GPS and Glonass capabilities, Apex2 and Ultra2. Each provides two sources of corrections, algorithms and availability of at least two delivery satellites. Also featured alongside purpose-designed QC software modules is Verify Axiom, a new inertially-aided solution for DP applications. Developed in association with Sonardyne and using its Lodestar INS, it ensures enhanced performance in times of high ionospheric noise, signal blockage or interference. It also enables a single navigation solution to be computed and displayed, with industry-standard telegrams available for external interfacing.

[www.veripos.com](http://www.veripos.com)

Stand Number: U12

### **WASSP**

With a stronghold on the commercial fishing market, WASSP is now offering an advanced and backward compatible solution to its existing target market, and has focused on enhancing the common functions and features also used by professionals in the hydrographic survey and work boat market. Guests will be able to see how intuitive the system is and how quickly the system will gather seafloor and water column information during live on-water demonstrations. Using 112 or 224 beams, WASSP multi-beam sonar gives a wide-angle 120-degree port-starboard view. The viewing span is over 3 times sea depth, and WASSP can profile an area over 100 times faster than a single beam system.

[www.wassp.com](http://www.wassp.com)

Stand Number: P8

### **Xsens Technologies**

In 2012, Xsens launched the 4th generation MTi, including 7 distinctive products (MEMS IMU, VRU, AHRS and GPS/INS). After the initial launch in August 2012, first additions to the firmware and software were released in December 2012. The easy-to-use MT Software Suite allows straightforward integration, resulting in the first series customers that will be able to integrate the new MTi's immediately. At Ocean

Business, Xsens will showcase the new MTi for the first time to the maritime community. Xsens is the leading innovator in 3D motion tracking technology and sets the standard in MEMS IMUs, VRUs, AHRs and GPS/INSs.

[www.xsens.com](http://www.xsens.com)

Stand Number: D10

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<https://www.hydro-international.com/content/article/ocean-business-2013-preview>

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