ocean business 13

The hands-on ocean technology exhibition and training forum

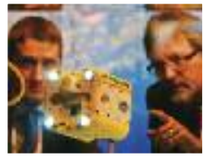
National Oceanography Centre, UK

9 – 11 April 2013

Training and demonstration workshops are FREE to attend

Visit the Training and Demonstration Bureau on the show floor to reserve your place on any of the listed sessions.

Training and demonstration workshops are FREE, but delegates must be on site at Ocean Business to reserve a place. Arrive early if you wish to attend morning workshops.



TUESDAY 9 APRIL 2013			VESSELS		CLASSROOMS	LEVEL 1		LEVEL 4				TUESDAY 9 APRIL 2013
	Test Tank	Dockside	RV Callista	Bill Conway	NMFD Meeting Rm 1	Students Centre Rm 121/05	Students Centre Rm 121/11	Ray Beverton Rm 044/11	John Swallow Rm 054/06	Node Rm 064/03	Access Grid Rm 124/14	
0930	**Ocean Modules** V8 Sii Inspection class ROV with 360 degrees of freedom	**Teledyne Benthos** Discover the power and versatility of Benthos ROVs at their dockside demonstration	**Chesapeake** Sonarwiz 5/ Edgetech SSS 4125 / Sonarwiz 5/Klein		**In Vivo** R&D innovation for marine renewable energy projects	**Applied Acoustic Engineering** Agents briefing on new products and company update *Invitation Only*	**Hydro Products** Imagenex multibeam sonar	**WETLabs** Long term water quality monitoring	**Nortek** Current profiler measurements from gliders	**MTCS** Deploying online distance learning in an offshore environment	**HYPACK** HYPACK 2013 changes and overview	0930
1030												1030
1100	**Saab Seaeye** ROV demonstration	**R2Sonic** Introduction to R2Sonic wideband multibeam echosounder systems	**Chelsea Technologies** Measurements of hydrocarbon, faecal contamination, BOD, Optical Brighteners and CDOM using the new UviLux UV fluorometers	**C-MAX** CM2 sidescan sonar system including portable power winch	**SALT** SonarBell® Operation - Location and detection of subsea assets using a passive device	**Tritech International** Acoustic survey imaging	**EdgeTech** Acoustic releases (new)	**Sea-Bird** Application specific CTDs and Sensors: 911 plus to MicroCATS	**Hydroid & Kongsberg Maritime** Present their range of highly integrated AUV systems, navigation and sonar technologies	**Datawell** Measuring the current with a Directional Waverider	**QPS** Latest software developments for QINSY and Fledermaus SW	1100
1200												1200
1230	**The MacArtney Group** What's that in the water? MacArtney sets the test tank 'alight' with futuristic ball sensor for monitoring biochemical flux	**SeaBotix** Vectored MiniROV with high resolution sonar and positioning	**Kongsberg GeoAcoustics** Geoswath plus offers simultaneous multibeam swath bathymetry and sidescan seabed mapping with accuracies exceeding the IHO standards for hydrographic surveys	**EdgeTech** Side scan sonar and NEW Discover II software	**Saderet** Hemisphere GPS VS330 dual frequency navigation, heading and motion sensor	**INNOMAR** Parametric sub-bottom profilers SES-2000 and combined SBP/ sidescan	**Turner Designs** PhytoFind: A new fluorescence tool for classifying algal groups	**Aanderaa – a Xylem brand** Doppler current logger: New self recording current meter	**Teledyne Gavia** The Gavia AUV as a commercial survey tool	**Marine Institute – University of Plymouth** How plymouth university marine institute can help you to grow	**Biosonics** Distributor training, product updates and latest features and enhancements	1230
1330												1330
1400	**AC-CESS** AC-ROV 100 Micro-ROV for confined space remote visual inspection underwater	**DOE Inc** Triggerfish T4N ROV system	**Kongsberg Maritime** Demonstration of cNODE® Cymbal Technology	**L3 Klein Associates** Klein S5000 V2 sidescan sonar	**Marine Electronics** Sonar Equipment	**L3 Communications** New developments in multibeam systems	**Topcon** MSO5AX and GLM prove a complete dimensional quality system	**Satlantic** In-situ UV nitrate sensor technology	**RBR** Optimise your deployments with RBR's next generation data loggers. More memory, more power, true USB, and longer operating life	**Helzel Messtechnik** Ocean Radar WERA for operational monitoring, new aspects after getting a world wide frequency allocation	**CARIS** Experience the latest techniques in bathymetric processing and data management	1400
1500												1500
1530	**Atlantas Marine** Latest developments for the VideoRay Pro 4, inc lateral thruster	**Aanderaa – a Xylem brand** Hyd/Met systems with new SmartGuard data logger			**Contros** CO^2 measurements from subsea to surface	**Sonardyne** New product launch - Worldwide debut of a new Sonardyne technology	**Sontek – a Xylem brand** HydroSurveyor - software and hydrographic surveying ADCP	**4H Jena** FerryBoxes, Lander with nutrient measurements, underwater nodes and measuring containers (Arktic and Northsea)	**Rowe Technologies** Introduction to the Rowe Technologies range of ADCPs and DVLs	**Prevco** Portable vacuum leak test kit, nitrogen backfill and endcap removal	**Wish Software** HydroGIS: Creating SSDM and PODS data deliverables	1530
1630												1630
1700 1800		**Teledyne Blueview** BV5000 3D Multibeam Scanner			**Rockland Scientific** Turbulence measurement systems for gliders and profiling floats	**Kongsberg GeoAcoustics** GeoSwath Plus: Wise swath bathymetry for shallow water and AUV surveys	**Techworks Marine** Operational data buoys for marine renewable and water quality using TMBB data acquisition systems	**JFE** Fast response Optical DO sensor and its new applications	**Calecore** TBC	**OneOcean** Use ClipCardTM to manage access and exchange big ocean data	**Oceanic Imaging Consultants** Post-processing of FLS, sidescan, MBES and interferometric datasets using cleansweep software	1700 1800

Any persons undertaking or taking part in any activity at this event do so at their own risk.
The event organisers and venue will not be held responsible for any injury or damage sustained during any activity/demonstration at the event.

ocean business 13

The hands-on ocean technology exhibition and training forum

National Oceanography Centre, UK

9 – 11 April 2013

Training and demonstration workshops are FREE to attend

Visit the Training and Demonstration Bureau on the show floor to reserve your place on any of the listed sessions.

WEDNESDAY 10 APRIL 2013			VESSELS		CLASSROOMS	LEVEL 1			LEVEL 4				WEDNESDAY 10 APRIL 2013
	Test Tank	Dockside	RV Callista	Bill Conway	NMFD Meeting Rm 1		Students Centre Rm 121/05	Students Centre Rm 121/11	Ray Beverton Rm 044/11	John Swallow Rm 054/06	Node Rm 064/03	Access Grid Rm 124/14	
0900		**VideoRay** VideoRay Pro 4 with hull crawler and SeeByte CoPilot	**Kongsberg GeoAcoustics** Geoswath plus offers simultaneous multibeam swath bathymetry and sidescan seabed mapping with accuracies exceeding the IHO standards for hydrographic surveys	**Sontek – a Xylem brand** HydroSurveyor - software and hydrographic surveying ADCP	**DEVELOGIC** Flexible compact seafloor landers with acoustic telemetry		**RESON** PDS2000 for acquisition, processing and visualisation of survey data.	**Nautronix** NASNet® User demonstration - discussing tasks in ICIS	**Satlantic** Long term ocean pH monitoring	**Ocean Server** World class sonar on an affordable AUV	**Marine Institute - University of Plymouth** Accredited hydrography training and education through flexible distance e-learning	**Wish Software** VisualGIS: Linking ESRI Web GIS with VisualSoft Digital Video	0900
1000													1000
1030	**AC-CESS** AC-ROV 100 Micro-ROV for confined space remote visual inspection underwater	**Teledyne Benthos** Discover the power and versatility of Benthos ROVs at their dockside demonstration	**Biosonics** Scientific echosounder demonstration. Data collection and survey methods	**C-MAX** CM2 sidescan sonar system including portable power winch			**Sonardyne** Choosing the right acoustic and inertial positioning system - Everything you need to know	**Ocean Sonics** Smart Hydrophones - what are they? A digital hydrophone, an acoustic data logger, and event detector or all of the above!	**WetLabs** Stability and calibration of optical sensors	**Teledyne Webb Research** Remote sensing with the Slocum glider and APEX profiling float	**In-Depth** Financing multi vendor systems and solutions in an evolving technological industry	**CARIS / EIVA** Integrated solution for offshore survey	1030
1130													1130
1200	**SAAB Seaeye** ROV demonstration	**Aanderaa – a Xylem brand** Harbour monitoring systems based on new SmartGuard data logger	**Chelsea Technologies** Using multi-wavelength FRR fluorometry to estimate gross primary productivity	**EdgeTech** Side scan sonar and NEW Discover II software	**Star-Oddi** Miniature multi data logger CTD, 3D tilt, compass heading		**Triton Imaging** Introduction to perspective software: Processing multibeam, sidescan and seismic data in an integrated GIS environment	**Knudsen Engineering** CHIRP sub-bottom profiling and innovative singlebeam solutions	**Sea-Bird** New optical dissolved oxygen sensor - SBE63	**Autonomous Surface Vehicles** Presentation on Autonomous Surface Vehicles	**Radac** Wave direction by radar	**HYPACK** HYPACK for bathy, side scan and subbottom applications	1200
1300													1300
1330	**The MacArtney Group** What's that in the water? MacArtney sets the test tank 'alight' with futuristic ball sensor for monitoring biochemical flux	**Hydroid** Demonstration of a REMUS 100 vehicle	**Kongsberg Maritime** Demonstration of cNODE® Cymbal Technology	**L3 Klein Associates** Klein S5000 V2 sidescan sonar	**Exocetus Development** New sensors and power systems for the Exocetus coastal glider		**Wildlife Acoustics** SM2M submersible marine recorder monitoring anthropagenic and biological acoustics	**R2Sonic** How increased MBES resolution integrated with a new generation of compact parametric high resolution	**Idronaut** Ocean Seven 3xx CTDS 'Plus' presentation	**Bluefin Robotics** Leveraging free-flooded modular architecture to maximise operational effectiveness of AUVs	**Datawell** Measuring the current with a Directional Waverider	**Codar Ocean Sensors** New generation tools around SeaSonde® technology for surface currents monitoring and short term forecasting	1330
1430													1430
1500	**Ocean Sonics** See the latest development of the icListen Smart Hydrophone and Projectors in action!	**SeaBotix** Vectored MiniROV with 3D perception through 2D sonar			**SBG Systems** How MEMS inertial navigation systems now provide accurate measurements and smart integration		**Tritech International** Multibeam Profiling	**Kongsberg GeoAcoustics** GeoTexture: True side scan normalisation and texture mapping for environmental surveys	**Bowtech** Technological advances in underwater vision systems	**McLane Research Labs** Adaptive sampling firmware for profilers and water samplers	**AXYS** A recap of the TRIAXYS™ family of wave monitoring buoys and an introduction to the TRIAXYS™ Next Wave II Directional wave buoy and sensor	**QPS** Explain the 'Total Hydrographic work flow' QINsy Fledermaus ESRI GIS	1500
1600													1600
1630	**SALT** SonarBell ® Operation - Location and detection of subsea assets using a passive device	**R2Sonic** Introduction to R2Sonic wideband multibeam echosounder systems			**Knudsen Engineering** - Knudsen Agents - Technical Overview - Operation and Maintenance		**EdgeTech** EdgeTech 4600, wide swath bathymetry in shallow water with full nadir coverage – Examples and discussion	**Airmar Technology** Review their full line of transducers for hydrographic survey and scientific applications including shallow water, harbors survey, deep ocean surveying sub-bottom profiling	**Teledyne RD Instruments** Integrated ADCP with bottom tracking capability onboard the slocum glider	**VEMCO** New technology developments for understanding spatial and temporal activity patterns of fish in nature	**Valeport** VRS20 Radar Level Sensor – setup, calibration, interface and data management	**RTSYS** Multichannel broadband acoustic recorder (underwater) web embedded interface software	1630
1730													1730

Any persons undertaking or taking part in any activity at this event do so at their own risk.
The event organisers and venue will not be held responsible for any injury or damage sustained during any activity/demonstration at the event.

ocean business 13

The hands-on ocean technology exhibition and training forum

National Oceanography Centre, UK

9 – 11 April 2013

Training and demonstration workshops are FREE to attend

Visit the Training and Demonstration Bureau on the show floor to reserve your place on any of the listed sessions.

THURSDAY 11 APRIL 2013			VESSELS		CLASSROOMS	LEVEL 1			LEVEL 4				THURSDAY 11 APRIL 2013
	Test Tank	Dockside	RV Callista	Bill Conway	NMFD Meeting Rm 1		Students Centre Rm 121/05	Students Centre Rm 121/11	Ray Beverton Rm 044/11	John Swallow Rm 054/06	Node Rm 064/03	Access Grid Rm 124/14	
0900	**SALT** SonarBell ® Operation - Location and detection of subsea assets using a passive device	**RBR** Deployment of RBR's inductive modem communication system: MLM 1000	**VideoRay** VideoRay Pro 4 with hull crawler and SeeByte CoPilot		**EIVA** Product roadshow		**Tritech International** Subsea positioning	**ASL** Demonstration of their Acoustic Zooplankton Fish Profiler (AZFP)	**RIEGL** Laser scanner systems for hydrographic surveying - above and below water surface	**YSI – a Xylem brand** EXO - Advanced water quality monitoring platform	**Oceanwise** Integrating ocean observations and spatial data in geographic information systems (GIS)	**Biosonics** Mapping seagrass and substrate classification with visual habitat software	0900
1000													1000
1030	**The MacArtney Group** What's that in the water? MacArtney sets the test tank 'alight' with futuristic ball sensor for monitoring biochemical flux	**DOE Inc.** Triggerfish T4N ROV system	**Kongsberg GeoAcoustics** Geoswath plus offers simultaneous multibeam swath bathymetry and sidescan seabed mapping with accuracies exceeding the IHO standards for hydrographic surveys	**Sontek – a Xylem brand** HydroSurveyor - Software and hydrographic surveying ADCP	**Rock Seven Mobile Services** Global tracking and data transmission via iridium satellite		**Triton Imaging** Demonstration of perspective software: processing multisensor sonar data from the shallow survey 2012 common dataset	**EvoLogics** Simultaneous underwater positioning and communication for ROVs using acoustic USBL	**Aanderaa – a Xylem brand** Engineering solutions built around Aanderaa SmartGuard data logger	**QPS** Explain the 'Total Hydrographic work flow' QINsy Fledermaus ESRI GIS	**AXYS** A discussion on AXYS Data Management Software Suite, plug-ins, telemetry services and data distribution. From the beginning of your system configuration to the final delivery of your data	**Oceanic Imaging Consultants** Mosaicking ROV - acquired FLS imagery using GeoDAS software	1030
1130													1130
1200	**AC-CESS** AC-ROV 100 Micro-ROV for confined space remote visual inspection underwater	**R2Sonic** Introduction to R2Sonic wideband multibeam echosounder systems	**Chesapeake** Sonarwiz 5/ Edgetech SSS 4125 / Sonarwiz 5/Klein	**EdgeTech** Side scan sonar and NEW Discover II software	**Swathe Services** Multi-beam echo-sounder vs. Swathe interferometry – which one for my application?			**Teledyne Benthos** Integrated suite of solutions for acoustic communication, positioning, releases and more	**Aquatec** Introducing the AQUAlogger 530 wireless temperature and depth recorder	**Liquid Robotics** Wave Glider and WGMS software: Unmanned, persistent ocean data gathering	**Atlas Services Group** Principles of inshore survey and the importance of survey strategy for safety and data quality	**CodaOctopus** Echoscope 3D Real-time sonar latest development	1200
1300													1300
1330	**SAAB Seaeye** ROV demonstration	**Ocean Modules** V8 Sii Inspection class ROV with 360 degrees of freedom	**Kongsberg Maritime** Demonstration of cNODE® Cymbal Technology	**L3 Klein Associates** Klein S5000 V2 sidescan sonar	**Chelsea Technologies** Laboratory and Ferry Box-based Fast Ocean fluorometer systems for running automated, continuous fluorescence light curves, including real time PE curve analysis.		**Sonardyne** Gyro USBL acoustic positioning - From box to box-in under 60 minutes	**NKE** Profiling monitoring on fixed buoy	**WETLabs** Crude oil detection: Fingerprinting & reduction of false positives	**Nortek** Long range current profilers	**Geocap AS** Processing multibeam data with the Geocap seafloor software	**Wish Software** AutoChart: Alignment sheet generation comes to ArcGIS, AutoCAD and Microstation	1330
1430													1430
1500 1600	**RTSYS** Innovative underwater acoustic system	**Aanderaa – a Xylem brand** New Aanderaa Sensor Chamber for Ferry Box and other multi parameter observations			**Oceano XXI** Portuguese Sea Knowledge and Economy Cluster presentation		**INNOMAR** Parametric sub-bottom profilers SES-2000 and combined SBP/sidescan	**Cadden** New product range: Integrated hydrographic pack (R2Sonic, Elac), GEOD BALI lightweight bathymetry, GEOD PPU	**Sea-Bird** Real-time data moorings using inductive modem communications	**OceanScience** Underway CTD and SV profiling to 600m at 10 kts	**Datawell** Measuring the current with a Directional Waverider	**HYPACK** HYPACK Multibeam processing solutions using their latest 64 bit tools	1500 1600

Any persons undertaking or taking part in any activity at this event do so at their own risk.
The event organisers and venue will not be held responsible for any injury or damage sustained during any activity/demonstration at the event.