Aanderaa Instruments Inc

Booth 750

234 Highland Avenue, So Attleboro, Massachusetts, 02703-6846, United States Fax: + 1 508 761 8229 Tel: + 1 508 761 8007

Web: www.aanderaa.com

email: info@aanderaa.no

Founded in 1966 is committed to serve the Oceanographic & Geophysical market, historically the company's foundation. Our goal, to be recognized as a leader: in current measurement and new product tools to study the Earth's environment. Most important is the instrument's overall performance reliability. At OI America's we introduce tomorrows technology in the Recording Doppler Current Profiler RDCP600 and (Optical) Dissolved Oxygen Optode model 3830/3930.

Keywords:

Beacons & Buoys; Current Meters; Meteorology; Oxygen Meters; Profiling Systems; Velocimeters; Water Measurement, Sampling

Abtel Universal Technology Inc

Booth 737

12228 South Shadow Cove Drive, Houston, Texas, 77082, United States

Fax: +1 281 679 6407

Tel: +1 281 589 2400 Web: www.abteluniversaltechnology.com

email: marius@abteluniversaltechnology.com

A Robotics (ROV's hydraulic systems and thrusters), imaging (cameras, sonars, gyros, lights, RF devices) cables, cable assemblies/cable protection, connectors, weather forecasting and in-house product development. ABTEL and SubAtlantic will launch the Navajo ROV, the new standard for true in/onshore remote operated vehicles. Exhibiting on the Sub-Atlantic Booth.

Keywords: Cables, Connectors; Cameras; Hydraulic Systems; ROVs; Sonar & Systems

Acoustikos

Booth 322

PO Box 315, 1400 Rte 28A, Cataumet, Massachusetts, 02534, United States Fax: +1 508 564 7643 Tel: +1 508 564 7640

Web: www.acoustikos.com

email: sales@acoustikos.com

Acoustikos provides engineering and product development solutions to a variety of scientific and government concerns, with special emphasis on underwater acoustic engineering. Services include: acoustic system design/consulting, rapid prototyping, electrical engineering, mechanical engineering, software development, transducer design and testing, project management, government proposals/research and development, and market analysis/strategic planning.

Exhibiting on the Falmouth Booth.

Keywords: Acoustics; Autonomous Underwater Vehicles; Cameras; Consultancy Services; Engineering Design; Sensors; Transducers

ALEC Electronics Co Ltd

Booth 818

7-2-3 Ibukidai-Higashi, Nishi-Ku, Kobe, Hyogo Pret, 651-2242, Japan

Tel: +81 78 997 8686

Fax: +81 78 997 8609 email: alecelec@po.iijnet.or.jp

Web: www.iijnet.or.jp/alec Alec Electronics produces and sells high quality instruments for the study of coastal and ocean waters. Instruments are offered for the measurement of; Temperature, Depth, Conductivity, Dissolved Oxygen, Light Intensity, Salinity, Turbidity, Chlorophyll and Current Speed/Direction. Instruments are available for single and multiple parameter measurements.

Exhibiting on the Alec Electronics Booth.

Keywords: Current Meters; Environmental Measurement; Sensors

Alec Electronics, USA

Booth 818

10029 via Leslie, Santee, California, 92071-1550, United States

Tel: +1 619 449 2232 Web: www.alecusa.com Fax: +1 619 334 5969 alecelec@cox.net

Alec Electronics produces and sells high quality instruments for the study of coastal and ocean waters. Instruments are offered for the measurement of; Temperature, Depth, Conductivity, Dissolved Oxygen, Light Intensity, Salinity, Turbidity, Chlorophyll and Current Speed/Direction. Instruments are available for single and multiple parameter measurements.

Also Exhibiting is Rockland Oceanographic Services.

Keywords: Current Meters; Environmental Measurement; Sensors

AMRS Association

Booth 825

5685 Leeds Street, PO Box 1153, Halifax, Nova Scotia, B3J 2X1, Canada

Tel: +1 902 491 2160

Fax: +1 902 491 2162 amrsadmin@waterobserver.org

Web: www.waterobserver.org A private, not-for-profit technology association, promoting the use of remote sensing technologies in aquatic environments. Presently focusing on its education mandate, AMRS provides various print and media publications, including Backscatter magazine and a weekly online news service, and hosts sector-specific events.

Keywords:

Coastal Monitoring; Environmental Measurement; Hydrography; Information Services; Meteorology; Ocean Observation; Publications; Satellite Remote Sensing; Sensors

Applanix

85 Leek Crescent, Richmond Hill, Ontario, L4B 3B3, Canada

Tel: +1 905 709 4600

Fax: +1 905 709 6027

Web: www.applanix.com

email: stang@applanix.com

Booth 643

Develops, manufactures, sells and supports precision products that accurately and robustly measure the position and orientation of vehicles in dynamic environments. Applanix's Position and Orientation Systems (POSTM) are used in a variety of applications including road profiling, GIS data acquisition, aerial survey and mapping, railroad track maintenance and seafloor mapping. Applanix strives to support customers around the world with exceptional service – anywhere, at anytime. Established in 1991, Applanix Corporation has enjoyed continuous, profitable growth. It has been named one of the fastest growing Canadian companies by PROFIT magazine, and has been recognized as a leading exporter by FedEx Canada and by the Government of Ontario (as a recipient of a Global Traders award).

Keywords:

Current Meters; Dynamic Positioning; Environmental Measurement; Global Positioning Systems; Marine Surveyors; Photogrammetry; Position Fixing Systems; Remote Data Acquisition; Sensors

Applied Acoustic Engineering Ltd UK

Booth 710

Marine House, Marine Park, Gapton Hall Road, Great Yarmouth, Norfolk, NR31 ONL, United Kingdom

Tel: +44 (0) 1493 440 355

Fax: +44 (0) 1493 440 720

Web: www.appliedacoustics.com

email: sales@appliedacoustics.com

Exhibiting with its US partner Subsea Technologies Inc. Applied Acoustics is a leading manufacturer of multi-compatible transponders, acoustic releases, beacon testers, chargers and telemetry systems. Also the industry standard CSP range of power sources and complete boomer/sparker systems for high resolution sub-bottom profiling. Exhibiting a number of new multi-compatible transponders including a new low cost micro-transponder, a superb range of low-cost acoustic release transponders and their industry standard range of compact seismic power supplies for sub-bottom profiling applications.

Exhibiting on the Subsea Technologies Booth.

Keywords:

Acoustics; Beacons & Buoys; Hydro-Acoustics; Hydrophones; Pressure Testing Facilities; Sonar & Systems; Sub-bottom Profile Equipment; Telemetry Equipment; Transducers; Transponders

Applied Microsystems

Booth 649

2071 Malaview Avenue, Sidney, British Columbia, V8L 5X6, Canada Tel: +1 250 656 0771

Fax: +1 250 655 3655

Web: www.appliedmicrosystems.com

email: info@aml.bc.ca

Manufacturer of oceanographic, hydrographic and environmental instrumentation since 1974. Products include devices to measure/record: - oil on water (hydrocarbon leak detector) tides, currents, waves, sound velocity, conductivity, temperature, depth, dissolved oxygen, pH, Redox, turbidity and other water quality parameters. Instruments include: - CTDs, velocimeters, loggers, profilers, real-time probes, sensor chains and an in-water mass spectrometer for detection of volatile organic compounds and dissolved gases.

Keywords:

Anti Submarine Warfare; Conductivity Meters; Depth Indicators & Recorders; Environmental Measurement; Instrumentation Systems; Oil Spill Counter- Measures; Profiling Systems; Sensors; Sound Velocity Probes; Temperature Measurement; Tide Gauges

Aquatec Electronics Ltd

Booth 626

High Street, Hartley Witney, Hampshire, RG27 8NY, United Kingdom

Tel: +44 (0)1252 843 072

Fax: +44 (0)1252 843 074

Web: www.aquatec.org.uk

email: info@aquatec.org.uk

A specialist electronics and software design company, carrying out custom design, research, and development of subsea instrumentation, data acquisition, storage and processing products. Areas of expertise cover sonar signal processing, long term unattended data acquisition, high-speed data acquisition for laser optical and acoustic instrumentation, and attitude and vibration monitoring.

Exhibiting on the Aquatec Group Booth.

Acoustics; Data Acquisition/Management; Engineering Design; Environmental Measurement; Instrumentation Systems; Magnets & Magnetometers; Remote Data Acquisition; Signal Processing; Sonar & Systems; Transducers

Aquatec Group

Booth 626

High Street, Hartley Wintney, Hampshire, RG27 8NY, United Kingdom

Tel: +44 (0)1252 843 072 Web: www.AquatecGroup.com

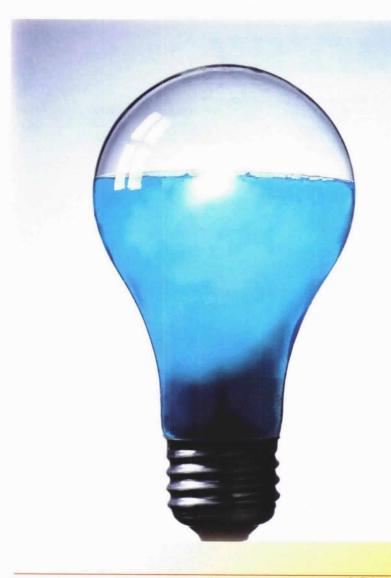
Fax: +44 (0)1252 843 074 email: info@AquatecGroup.com

The Aquatec Group comprises three oceanographic instrumentation companies Aquatec Electronics, Aquatec Telemetry and Aquatec Subsea. See the individual catalogue entries for each company.

Keywords:

Acoustics; Depth Indicators & Recorders; Echo Sounders; Engineering Design; Environmental Measurement; Hydrological Instruments; Instrumentation Systems; Remote Data Acquisition; Sonar & Systems; Temperature Measurement





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Booth 626

High Street, Hartley Witney, Hants, RG27 8NY, United Kingdom

Tel: +44 (0)1252 843072

Fax: +44 (0)1252 843074

Web: www.aquatecsubsea.com

email: info@aquatecsubsea.com

Manufacturers of ultra-compact oceanographic instrumentation products. On display will be the AQUAlogger series of data logging instruments for temperature, pressure, turbidity, fluorescence, attitude, vibration and more. Their product range includes the AQUAscat acoustic backscatter sensor for suspended sediment analysis, and the AQUAmark range of acoustic marine mammal deterrents.

Exhibiting on the Aquatec Group Booth.

Depth Indicators & Recorders; Echo Sounders; Fluorometers; Hydrological Instruments; Inclinometers; Penetrometers; Sediment Sizing; Temperature Measurement; Vibration Monitorina

Aquatec Telemetry Ltd

Booth 626

High Street, Hartley Witney, Hampshire, RG27 8NY, United Kingdom

Tel: +44 (0)1252 843 072

Fax: +44 (0)1252 843 074

Web: www.aquatec.org.uk

email: telemetry@aquatec.org.uk

Manufacturers of custom acoustic telemetry modules for data retrieval and remote command and communication, based on our AQUAmodem telemetry system. Also specialise in cathodic protection and corrosion monitoring solutions for the offshore industry. Research includes wide area positioning and communication networks. Exhibiting on the Aquatec Group Booth.

Keywords:

Cathodic Protection Systems; Corrosion Detection & Protection; Navigation; Telemetry Equipment; Underwater Communications

ARC Surveying & Mapping

Booth 222

5202 San Juan Avenue, Jacksonville, Florida, 32210, United States

Tel: +1 904 384 8377

Fax: +1 904 384 8388 email: psawyer@arcsurveyors.com

Web: www.arcsurveyors.com Arc Surveying & Mapping, Inc. is a multi-disciplined surveying and mapping firm with offices in Jacksonville Florida and Caguas Puerto Rico. Arc's personnel are equipped with the latest hydrographic and topographic surveying instruments. Our mappers are proficient in all popular software formats, including AutoCAD and Microstation.

Bathymetry; Cable Laying Services; Charts & Charting; Coastal Monitoring; Consultancy Services; Corrosion Detection & Protection; Electronic Charting; Geology, Geophysics; Hydrography; Ocean Modeling; Photogrammetry; Sub-bottom Profile Equipment; Survey

Service Argos Inc

Booth 332

1801 McCormick Drive, Suite 10, Largo, Maryland, 20774, United States

Tel: +1 301 925 4411 Web: www.argosinc.com

Fax: +1 301 925 8995 email: info@argosinc.com

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Also Exhibiting is CLS.

Keywords:

Data Acquisition/Management; Earth Sciences; Environmental Measurement; Environmental/Pollution; Global Positioning Systems; Ocean Observation; Remote Data Acquisition; Satellite Communications

AST Airtime Limited

Booth 828

Burlingham House, Hewett Road, Gapton Hall, Gt Yarmouth, Norfolk NR31 ONN, United Kingdom

Tel +44 (0) 1493 440011

Fax +44 (0) 1493 669977

Web: www.iridiumuk.com email: john.arnold@ast-uk.com AST is a Service Provider for Iridium, the global satellite communications company. On the stand will be the newly launched Short Burst Data module, which is designed for sending short bursts of data from remote locations including oceanographic

Axys Environmental Systems

Booth 551

PO Box 2219, 2045 Mills Road, Sidney, BC, V8L 3S8, Canada

buoys. Also shown will be the complete range of Iridium satellite phones

Tel: +1 250 655 5860 Web: www.axystechnologies.com

Fax: +1 250 655 5856 email: systems@axys.com

AES is a world leader in meteorological, oceanographic and water quality data acquisition systems. Buoy networks from around the world have adopted our TRIAXYS™ and Watchman™ technologies as the new standards. AES also manufactures ship and land based meteorological and environmental monitoring

stations Keywords:

Beacons & Buoys; Coastal Monitoring; Data Acquisition/Management; Environmental Measurement; Meteorology; Ocean Modelling; Port & Harbour Development; Remote Data Acquisition; Sensors; Wave & Wave

Benthos Inc

Booth 326

48 Edgerton Drive, North Falmouth, Massachusetts, 02256, United States

Tel: +1 508 563 1000 x 550

Fax: +1 508 563 6444 email: flewis-souza@benthos.com

Web: www.benthos.com BENTHOS

A leading provider of oceanographic systems and instruments used by offshore oil, underwater exploration, research and military users for measurement, inspection, data collection and

communication. Products offered include high-speed acoustic modems, sidescan sonar systems, acoustics releases, glass flotation spheres, acoustic pingers transponders and hydrophones.

Acoustics; Bathymetry; Beacons & Buoys; Hydrophones; ROVs; Sonar & Systems; Sub-bottom Profile Equipment; Towed Arrays; Transponders; Keywords: **Underwater Communications**

BOSCA

Booth 651

4th Floor, 30 Great Guildford Street, London, SE1 0HS, United Kingdom

Tel: +44 (0)20 7928 9199

Fax: +44 (0)20 7928 6599

Web: www.maritimeindustries.org/about/bosca.jsp

email: events@maritimeindustries.org

British Oil Spill Control Association (Society of Maritime Industries). The Society of Maritime Industries is the voice of the UK's maritime business sector promoting and supporting suppliers of equipment and services for all types of commercial and naval ships, ports and terminals infrastructure, offshore oil & gas, and pollution prevention, control and clean-up. Our main aims are:

To promote and support the domestic and export business of UK companies. To improve the UK and European business environment for maritime industries.

To facilitate communication and networking in the maritime industries To provide marketing and other services to companies in the Society of Maritime

Keywords: Oil Spill Counter- Measures

C & C Technologies Inc

Booth 427

730 Kaliste Saloom Road, Lafayette, Louisiana, 70508, United States

Tel: +1 337 261 0660

Fax: +1 337 261 0192

Web: www.cctechnol.com email: info@cctechnol.com

A full service survey company, providing surface positioning, acoustic subsea positioning (LBL, USBL & Metrology) surveys, geophysical hazard surveys utilizing our AUV with over 11,000 nautical miles of experience, C-Navā globally corrected GPS offering 10cm accuracy, 3D hazard assessments done from exploration-quality 3D seismic data and geotechnical sampling and testing.

Also exhibiting are EGS (International) and C-Products.

Keywords:

Autonomous Underwater Vehicles; Bathymetry; Charts & Charting; Defence Technology; Geology, Geophysics; Global Positioning Systems; Marine Surveyors; Navigation; Pipe laying; Salvage; Sensors; Survey

CAPSUM Technologie GmbH

Booth 626

Max-Planck-Strasse, Geesthacht, 21502, Germany

Tel: +49 4152 871 837 Web: www.capsum.com

Fax: +49 4152 871 888 email: info@capsum.com

A young spin-off of the German research center GKSS, Capsum manufactures the unique underwater methane sensor METS and provides it worldwide through partners' companies, both in the scientific and industrial communities. Exhibiting on the Aquatec Group Booth.

Environmental Measurement; Environmental/Pollution; Geotechnics; Keywords:

CARIS

Booth 717

264 Rookwood Avenue, Fredericton, New Brunswick, E3B 2M2, Canada

Tel: +1 506 458 8533

Fax: +1 506 469 3849 email: sheri.flanagan@caris.com

Web: www.caris.com

Developing software for hydrographic and marine organizations since 1979, CARIS understands the daily operations, technological needs and challenges faced by their extensive maritime clientele. Products suite includes software for all geospatial data collection, processing and production needs within the broad marine environment including systems for cleaning and presentation of bathymetric data through to the creation of IHO S-57 datasets in a database environment.

Charts & Charting; Computer Software; Data Acquisition/Management: Defence Technology; Electronic Charting; Hydrographic Survey Software; Mapping Systems; Navigation; Ocean Modelling; Vessel Charting



Booth 655

Silverfield House, Claymore Drive, Bridge of Don, Aberdeen, AB23 8GD, United Kingdom

Tel: +44 (0)1224 706 655

Web: www.cdltd.net

Fax: +44 (0)1224 709 840 email: mb@cdltd.net

CDL design and manufacture equipment for surface and subsea use in the offshore industry. The company is based in Silverfield House; a purpose built 12,000 sq ft design and manufacturing facility in Aberdeen, Scotland. Main product areas are gyros, inertial navigation, sonar, bathymetry, multiplexers, tilt sensors, cameras & video/data transmission.

Bathymetry; Batteries; Depth Indicators & Recorders; Electrical Design & Installation; Engineering Design; Gyrocompasses; Inclinometers; Lasers; Navigation; Position Fixing Systems; Profiling Systems; Sonar & Systems; Telemetry Equipment; TV & Video Systems; Umbilicals; Underwater Communications

Century Subsea

Booth 527

10615 Shadow Wood Drive, Suite 202, Houston, Texas, 77043, United States Fax: +1 713 984 0788 Tel: +1 713 785 0788

Web: www.century-subsea.com

email: TH@century-subsea.com

Survey and positioning services to the Offshore Industry. The company was formed or February 2000 and specialises in positioning for complex deepwater installation projects, utilising integrated long and short baseline acoustic solutions. From its offices in Aberdeen and Houston it supports projects in the Americas, Europe and West Africa. Century Subsea will be displaying its innovative Aquarius™ 4D - a real time 3D Visualisation system for offshore projects.

Keywords: Acoustics; Bathymetry; Hydrographic Survey Software; Navigation; Submersible Equipment; Survey

Chelsea Technologies Group

Booth 617

55 Central Avenue, West Molesey, Surrey, KT8 2QZ, United Kingdom

Tel: +44 (0)20 8941 0044

Web: www.chelsea.co.uk

Fax: +44 (0)20 8941 9319 email: rburt@chelsea.co.uk

Designs and manufactures a wide range of acoustic and oceanographic sensors and systems. Extensive civil and military systems include towed undulating vehicles, multiparameter oceanographic sensors, acoustic sources, telemetry and navigation systems, echo repeaters and piezocomposite transducers. On display will be our towed vehicles, oceanographic sensors, world leading technology in AUV autopilots, correlation sonar velocity logs and POSCOM multi user, wide area navigation system.

Keywords:

Acoustics: Autopilots; Conductivity Meters; Defence Technology; Environmental Measurement; Huorometers; Hydrophones; Optics; Pumps & Components; Sensors; Sonar & Systems; Temperature Measurement; Towed Bodies

CLS 8-10 Rue Hermes, Parc Technologique du Canal, Ramonville Cedex, 31526, France

Booth 332

Booth 438

Fax: +1 408 773 0514

email: seasonde@codaros.com

Developers of the SeaSonde HF radar system for mapping the ocean surface current

Keywords:

Coastal Monitoring; Coastal Protection; Current Meters; Environmental Measurement; Environmental Modelling; Ocean Modelling; Radio

Exhibiting on the Service Argos Booth.

monitoring and protecting the environment

Data Acquisition/Management; Earth Sciences; Environmental Measurement; Environmental/Pollution; Global Positioning Systems; Ocean Observation; Remote Data Acquisition; Satellite Communications

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designed for harsh environments. Low power transmissions enable long-term autonomous operation. New features include two-way communication, increased data transmission capacity and fully customized access to data and results. Designed for and with its scientific users, it is the only satellite-based system dedicated to

C-Max Limited

Tel: +33 561 394 720

Booth 219

Fax: +33 561 394 797

Unit B1 Roman Hill Business Park, Broadmayne, Dorchester, Dorset, DT2 8LY, United Kingdom

Tel: +44 (0)1305 853 005

Fax: +44 (0)1305 852 136 email: sales@cmaxsonar.com

Web: www.cmaxsonar.com

Showing the new CM2 sidescan sonar system for the first time in the Americas. The successor to the CM800, the digital CM2 retains the ease of use of the CM800 but is an almost entirely new design. Chief amongst the new features is the 2-wire digital tow cable telemetry with the capability to handle a wide variety of electrical cable types, up to 6km long. The new towfish features improved acoustic performance, a wider choice of frequencies, facilities for additional sensors, and a very robust stainless steel construction

Keywords: Mines & MCM; Sonar & Systems

Coastal Oceanographics Inc

Booth 444

11G Old Indian Trail, Middlefield, Connecticut, 06455, United States

Tel: +1 860 349 3800 Web: www.coastalo.com

Fax: +1 860 349 1982 email: lourdes@coastalo.com

Develops Windows-based software for the hydrographic industry. HYPACK MAX 2.12 is the latest release of its hydrographic package and is used throughout the world for survey design, data collection, graphical editing, plotting, volume world for survey design, data collection, graphical editing, plotting, volume computations, surface modelling, contouring and 3D data visualization. The 3DTV program is a new tool for data visualization that allows you to view in 3D any XYZ data file. You can fly the camera manually, fly it down a planned line or use the SURVEY program to position the camera in real time, using the position and heading of the vessel in SURVEY. The HYSWEEP package allows users to control and process multibeam and multiple transducer systems. The new drawing engine in MAX allows for real time display of vessel position over S-57, VPF, Ortho TIF, C-MAP, BSB Raster, DXF, DGN, and other chart formats. Coastal also develops DREDGEPACK for dredge monitoring. monitoring

Keywords:

Data Acquisition/Management; Dredging Equipment; Environmental Modelling; Hydrographic Survey Software; Mapping Systems; Navigation;

CodaOctopus

Booth 609

Suite 3 Business Centre, Castle Farm, Deddington, Oxfordshire, OX15 0TP, United Kingdom

Tel: +44 (0)1869 337570

Web: www.codaoctopus.com

Fax: +44 (0)1869 337571 email: info@codaoctopus.com



Coda Octopus

CodaOctopus - formed with the merger of Coda Technologies, Octopus Marine Systems and Omnitech - are leading systems and orinited in a determine manufacturers of software and systems for geophysical imaging and mapping. The new range of products for geophysical acquisition, processing and interpretation includes the Coda GeoSurvey PRODUCTIVITY Suite for Windows, the PRODUCTIVITY Suite for Windows, the F180 Attitude and Positioning System, the 460PX portable high resolution sidescan sonar system and the highly innovative Echoscope 3D imaging sonar.

Data Acquisition/Management; Gyrocompasses; Hydrographic Survey Software; Mines & MCM; Navigation; Position Fixing Systems; Signal Processing; Sonar & Systems; Sub-bottom Profile Equipment; Swell Compensators

Keywords:

Compensators

CODAR Ocean Sensors

1000 Fremont Avenue, Suite 145, Los Altos, California, 94024, United States Tel: +1 408 773 8240

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field. Convenient operation from shore, it provides wide area coverage with real-time data. The latest in this product line is the Long Range SeaSonde, capable of measuring currents beyond 200km from the shore.

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Tel: +1 801 973 9136

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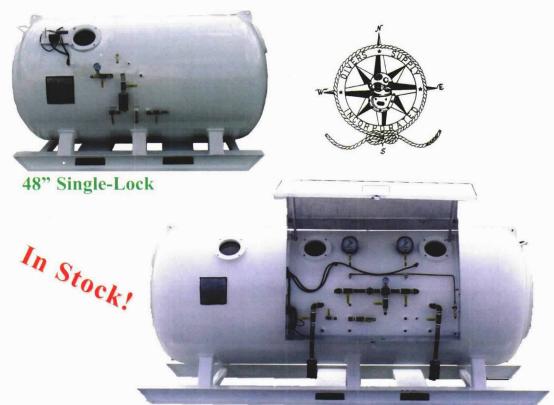
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Prospecting; Mines & MCM; Polar; Remote Data Acquisition; ROVs; Sonar
& Systems; Telemetry Equipment; Towed Arrays; Towed Bodies

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- Wire-Rope-Winches
- Cranes-Hoists-Rails
- Sponsons-Stabilizers
- Hawsers-Hatch Coamings
- Offshore Platform Mach. & Tools
- Equipment-Vehicles-On-Deck Cargo
- Container Guides
- Elevator Guide Rails
- Open Gears
- Cables & Electric Connectors

- Ballast Tanks
- Voids-Skegs
- Bilges-Keels
- Stern Tubes
- Pontoons
- Caissons
- Undersea Equipment
- Hatch Covers
- Water Tight Door Dogs
- Locks & Hinges
- Grey Water Tanks

- Mast Fittings
- Probe Fittings
- Helical Rods
- Couplings Make-Up
- Screw Threads>Mud Spikes
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- Sensors Screw Set
- Fasteners On Current Motors
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NA...... 5-gal. pail (20 liter)

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NSN-9159-00-530-6814.......35 lb. pail (15.5 kg)

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FLUID FILM AS (aerosol)

FLUID FILM NAS (non-gerosol)



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evolution /i:vəˈlu:ʃ(ə)n/ n.

a gradual process in which an entity or idea changes into a different and usually more complex or better form.



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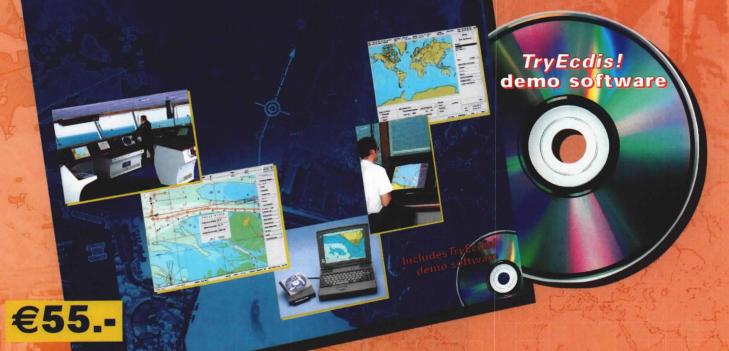
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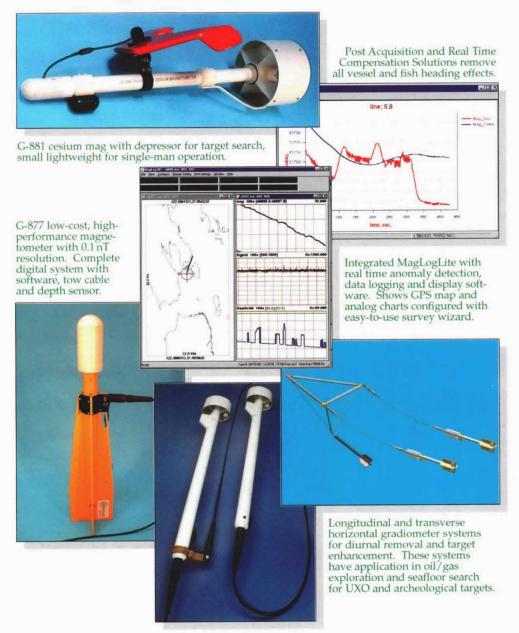


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Booth 223

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Tel: +1 978 777 1996 Web: www.epclabs.com

Fax: +1 978 777 3955 email: tedc@epclabs.com

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Keywords: Data Acquisition/Management; Plotters; Sub-bottom Profile Equipment

Booth 812 **ESRI**

Professional Services, 380 New York Street, Redlands, California, 92373, United States

Tel: +1 703 506 9515

Fax: +1 703 506 9514

Web: www.esri.com

email: sevans@esri.com

With annual sales of more than \$427 million, ESRI remains the world leader in the geographic information system (GIS) software industry. Our business involves the development and support of GIS software for all types of organizations - from the one-person office to multinational corporations to innovative Internet GIS solutions.

Bathymetry; Computer Software; Data Acquisition/Management; Earth Sciences; Electronic Charting; Environmental Modelling; Meteorology; Oil Spill Counter- Measures; Tracking Software

Eureka Chemical Co

Booth 809

234 Lawrence Avenue, South San Francisco, California, 94083, United States

Tel: +1 650 761 3536 Web: www.eurekafluidfilm.com

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Keywords: Corrosion Detection & Protection

Euroceanique S.A.

Booth 213

645 rue Mayor de Montricher, TECHINDUS Bat. B 21, Aix-en-Provence Cedex 3, F-13854, France

Tel: +33 442 39 49 85

Fax: +33 442 39 73 36

Web: www.macartney.com

email: mac-fr@macartney.com

Exhibiting on the Macartney A/S Booth.

EvoLogics GmbH

Booth 218

Fax: +49 30 31472658

Storkower Str. 207, Berlin, D-10369, Germany

Tel: +49 30 31472658

email: bannasch@evologics.de Web: www.evologics.de

High performance spread-spectrum hydroacoustic communication systems for deep

Keywords: Autonomous Underwater Vehicles; Diving; Hydro-Acoustics; Remote Data Acquisition; Signal Processing; Transducers; Underwater Communications

Booth 137 Falmat Inc

1873 Diamond Street, San Marcos, California, 92069, United States

Tel: +1 760 471 5400 Web: www.falmat.com

FALMAT

Fax: +1 760 471 4970 email: shawn@falmat.com

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instrumentation, diver video, lighting, side-scan sonar, tow and fiber optic. A leading manufacturer of braided haired fairing. Falmat rugged XtremeGreen video cables offer the best solution for inspecting dams, waterways, fisheries and other demanding applications.

Keywords: Cables, Connectors; Fibre Optic

Falmouth Scientific Inc

Booth 322

1400 Route 28A, POB 315, Cataumet, Massachusetts, 02534, United States

Tel: +1 508 564 7640

Fax: +1 508 564 7643 email: flewis@falmouth.com

Web: www.falmouth.com Since 1989, Falmouth Scientific, Inc. has been an International leader in the development and manufacturing of precision oceanographic instrumentation. FSI's full range of products is used around the globe, in environments ranging from estuarine to full ocean depths. Core products include current meters, CTDs, profiling CTDs, wave gauges and other oceanographic sensors. Through a recent merger with Acoustikos Inc, the company also offers offshore acoustic instrumentation, system integration and leading edge special engineering capabilities to address a wide array of underwater applications.

Also exhibiting is Acoustikos. Keywords:

Acoustics; Autonomous Underwater Vehicles; Conductivity Meters; Current Meters; Fluorometers; Oxygen Meters; Salinometers; Sound Velocity Probes; Temperature Measurement; Water Measurement, Sampling; Wave & Wave Power

Farsounder Inc.

Booth 229

95 Hathaway Centre, Suite 5, Providence, Rhode Island, 02907, United States

Tel: +1 401 784 6700

Web: www.farsounder.com

Fax: +1 401 784 6708 email: cheryl.zimmerman@farsounder.com

Exhibiting on the Materials Systems Inc. Booth.

Fischer Connectors

Booth 807

115 Perimeter Center Place, Suite 1060, Atlanta, Georgia, 30346, United States

Tel: +1 770 352 0606 Fax: +1 770 352 0992 email: dforster@fischerconnectors.com

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Keywords: Cables, Connectors; Data Acquisition/Management; Fibre Optic

Flotation Technologies Inc

Booth 719

432 Elm Street, PO Box 1171, Biddeford, Maine, 04005, United States

Tel: +1 207 282 7749 Web: www.flotec.com

Fax: +1 207 284 8098 email: sales@flotec.com

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Also exhibiting is Dunlaw Engineering

Keywords:

Beacons & Buoys; Buoyancy Materials; Composite Materials; Mooring Equipment; Pressure Testing Facilities

General Oceanics

Booth 942

1295 NW 163 Street, Miami, Florida, 33169, United States

Tel: +1 305 621 2882

Fax: +1 305 621 1710

Web: www.generaloceanics.com email: regisc@generaloceanics.com Exhibiting the new 1018 Intelligent Rosette, new 2135 handheld Electronic Flowmeter, the Seakeeper sea surface and Atmospheric monitoring station, 316 CTD, UCM60

Current meter, flowmeters, plankton and oil spill sampling nets and hydroblocks. Also Exhibiting is Idronaut.

Keywords:

Coastal Monitoring; Conductivity Meters; Cranes, Hoists & Winches; Current Meters; Environmental Measurement; Flow Meters; Water Measurement, Sampling

Geo-Acoustics Asia Pacific Pte Ltd

Booth 203

30 Loyang Way #07-12, 508769, Singapore

Tel: +65 546 3687

Fax: +65 546 3690

Web: www.geoacoustics.com Exhibiting on the GeoAcoustics Ltd Booth.

GeoAcoustics Inc

Booth 203

25 Delano Avenue, Suite 200, Revere, Massachusetts, 02151, United States

Fax: +1 781 286 2944 Tel: +1 781 286 2944

email: sales@geoacoustics.com Web: www.geoacoustics.com

Exhibiting on the GeoAcoustics Ltd Booth.

GeoAcoustics Ltd Indian Branch

Booth 203

503 Arenja Corner, Sector 17, Vash, Navi Mumbai, 400705, India

Tel: +91 222 788 190

Fax: +91 222 788 193 email: geoacousticsindia@totalise.co.uk

Exhibiting on the GeoAcoustics Ltd Booth.



DSEi 2003

Booth 337

8th Floor, Apex Tower, New Malden, Surrey, KT3 4DQ, United Kingdom

Tel: +44 (0)20 8949 9898 Web: www.dsei.co.uk

Fax: +44 (0)20 8949 9899 email: enquiries@dsei.co.uk



DSEi is a key event in the international exhibition calendar and offers a unique combination of exhibits, displays, equipment demonstrations, warships and conferences, all at a single central location. DSEi 2003 (9 - 12 September 2003, ExCeL, London Docklands) promises to be 25% larger than its predecessor and many new developments are planned, including increased representation from the aerospace sector, areas focusing on unmanned systems, and training and simulation.

In 2001 it confirmed its position as one of the leading defence shows in the world. At DSEi 2003 over 700 exhibitors from 20 plus countries, 20 national pavilions, 20,000 visitors, 70

Delegations from 50 countries and 8 warships from 6 countries are expected.

Exhibiting on the Spearhead Exhibitions Booth

Keywords: Exhibitions/Events/Conferences; Information Services

Dunlaw Engineering Limited

Booth 719

Thainstone Business Centre, Inverurie, Aberdeenshire, Scotland, AB51 5TB, United Kingdom Tel: +44 (0)1467 641183

Fax: +44 (0)1467 641185 email: Brian@dunlaw.com

Web: www.dunlaw.com Engineer, design, test and manufacture to ISO 9001 a range of high performance elastomer products, bend restrictors, bend stiffeners, J tube seals, pipeline, riser and cable clamping systems, umbilical protection sleeves, cuproprene anti-fouling coating and vortex shedding suppression systems.

Exhibiting on the Flotation Technologies Booth.

Keywords: Cables, Connectors; Composite Materials; Marine Coatings; Markers;

Pressure Testing Facilities; Umbilicals

Dynacon Inc

Booth 603

831 Industrial Blvd, Bryan, Texas, 77803, United States

Tel: +1 979 219 2003

Fax: +1 979 219 0947 email: dcobb@dvnacon.com

Web: www.dynacon.com Web: www.dynacon.com email: dcobb@dynacon.com Designs and manufactures winches, A-Frames, active and passive heave compensation systems, motion-compensated cranes, hydraulic power units, overboarding sheaves, specialized launch & recovery systems. Applications include oceanography, all ROV work classes, sub sea exploration/recovery, cable burial/repair, atmospheric dive systems, and cable/umbilical lubrication systems. New products include: Model 7021 A-Frame which offers the rapid mobilization and self-erecting features of the Model 6021 A-Frame with additional telescoping boom providing 4.5m outreach and the ability to park and disassemble various payload configurations. The docking head assembly has been upgraded to include a flagging overboarding sheave and can accommodate 30 degree cable exit angles in all directions

directions

Keywords:

Cranes, Hoists & Winches; Hydraulic Systems; Launch & Recovery Systems; Umbilicals; Winches & Accessories

EdgeTech

Booth 623

4 Little Brook Road, Wareham, Massachusetts, 02571, United States

Tel: +1 508 478 9500

Fax: +1 508 478 1456

Web: www.edgetech.com email: info@edgetech.com

Designs, develops and manufactures precision acoustic products, instruments and systems for the acquisition of underwater data in commercial, naval, hydrographic and scientific applications. Major products include side scan sonars, sub-bottom profilers and integrated survey systems. Featuring its latest developments in high resolution side scan sonars.

Also exhibiting is ORE Offshore.

Keywords:

Acoustics; Bathymetry; Geology, Geophysics; Hydrography; Mines & MCM; Sonar & Systems; Sub-bottom Profile Equipment; Survey; Towed Bodies;

EGS (International) Ltd

Booth 427

Woolmer Way, Bordon, Hampshire, GU35 9QE, United Kingdom

Fax: +44 (0)1420 489434 Tel: +44 (0)1420 489329

Web: www.egssurvey.com email: info@egssurvey.co.uk

Web: www.egssurvey.com email: info@egssurvey.co.uk
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environmental monitoring for public and private sector clients in areas such as civil
engineering, transport, telecommunications, power, water utility, coastal management
and aggregates. Typical projects include: hydrographic and geophysical surveys for
site investigations; cable and pipeline route planning; wave and tidal current
monitoring; sea bed response and sediment transport patterns; water and seabed
sampling; and environmental monitoring for baseline checks, impact assessments and
mitigation options. EGS works in freshwater, coastal and ocean environments and
undertakes desk top studies field data acquisition, interpretation and advice and undertakes desk top studies, field data acquisition, interpretation and advice and project management.

Exhibiting on the C & C Technologies Booth.

Keywords:

Coastal Monitoring; Coastal Protection; Consultancy Services; Earth Sciences; Environmental Measurement; Geology, Geophysics; Hydrographic Survey Software; Seabed Sampling; Seismic Survey; Survey; Water Measurement, Sampling

EIVA A/S

Teglbaekvej 8-10, Hasselager, DK 8361, Denmark

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Web: www.eiva.dk

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Booth 209





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Exhibiting on the Harvey-Lynch Booth.

Keywords:

Data Acquisition/Management; Environmental Measurement; Hydrographic Survey Software; Instrumentation Systems; Meteorology; Mines & MCM; Navigation; Towed Bodies

Elkins Engineering Co Ltd Booth 720

Unit 3 Enterprise Park, Blackmoor Road, Ebblake Industrial Estate, Verwood, Dorset, BH31 6YS, United Kingdom

Tel: +44 (0)1202 813640

Fax: +44 (0)1202 823971

Web: www.elkinsengineering.co.uk email: sales@elkinsengineering.co.uk

email: sates@eikinsengineering.co.uk
Established in 1966 Elkins is a small precision engineering company
with BS EN ISO 9001: 2000 Registered Approval providing a
comprehensive sub-contract machining service to the marine,
oceanology, subsea and communications industries. Carry out
prototype, conventional, small, medium and large batch CNC machining.

Keywords:

Mooring Equipment; Pressure Vessels; Submersible

Emerson & Cuming Composite Materials Inc Booth 723

59 Walpole Street, Canton, Massachusetts, 02021, United States

Tel: +1 781 821 4250 Web: www.emerson.com

Fax: +1 781 821 0737 email: sales@emerson.com

ECCM is a highly specialist materials manufacturer servicing the oceanographic, aerospace, military and offshore markets. Developing and manufacturing a range of ultra high performance glass microspheres and syntactic based systems, ECCM's

products are used in a wide variety of markets. Exhibiting on the CRP Group Booth.

Keywords:

Autonomous Underwater Vehicles; Beacons & Buoys; Buoyancy Materials; Composite Materials; Dynamic Positioning; Fenders; Mooring Equipment; Ocean Modelling; ROVs; Seismic Survey; Towed Arrays; Towed Bodies; Transponders: Umbilicals

ENDECO/YSI Inc

Booth 841

13 Atlantis Drive, Marion, Massachusetts, 02738, United States

Tel: +1 508 748 0366 x 242

Fax: +1 508 748 2543 email: rrace@vsi.com

Web: www.ysi.com

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Exhibiting on the SonTek Booth.

Keywords:

Aquaculture; Beacons & Buoys; Coastal Monitoring; Coastal Protection; Data Acquisition/Management; Environmental/Pollution; Oxygen Meters; Pollution Control; Profiling Systems; Telemetry Equipment; Towed Arrays

The Environmental Careers Organization Booth 833

179 South Street, Boston, Massachusetts, 02111, United States

Tel: +1 617 426 4783 x 123

Fax: +1 617 426 8159

Web: www.eco.org

The Environmental Careers Organization (ECO) is a private, national, non-profit organization dedicated to the development of a diverse new generation of environmental professionals, including those in the ocean sciences. Since 1972, ECO has managed a wide variety of internship/fellowship programs in collaboration with government agencies, nonprofits and private companies.

Keywords: Personnel & Recruitment



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Booth 545

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Keywords: Global Positioning Systems; Navigation; Position Fixing Systems; Satellite Communications; Satellite Navigation

Delta Wave Communications

Booth 456

6502 Hwy 90 East #114, Morgan City, Louisiana, 70380, United States Tel: +1 985 384 4100 Fax: +1 985 384 4102

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Keywords: Marine Communications; Satellite Communications; Telecommunications

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Booth 803

2396 Belle Chasse Hwy, P.O. Box 1663, Gretna, Louisiana, 70056, United States Tel: +1 504 392 2800 Fax: +1 504 392 3920 Web: www.diverssupplyinc.com email: RMistretta@diverssupplyinc.com

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Keywords:

Diving; Hydraulic Systems; Hyperbaric Equipment; Life Support Systems; Oxygen Meters; Pressure Vessels; Salvage; TV & Video Systems; Umbilicals; Underwater Communications

Dredging Port Construction (DPC)

Booth 224

DMG World Media Ltd, Queensway House, 2 Queensway, Redhill, Surrey RH1 1QS, UK Tel: +44 (0) 1737 855 432 Fax: +44 (0) 1737 855 025

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Druck Inc Booth 212

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Keywords: Calibration Devices; Instrumentation Systems; Sensors; Transducers



CORE/NOPP

Booth 641

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Tel: +1 202 332 0063

Fax: +1 202 332 9751 email: jkopelson@coreocean.org

Web: www.coreocean.org CORE is the Washington, DC-based association of US oceanographic research institutions, universities, laboratories and aquaria. Our 72 members represent the nucleus of US research and education about the ocean. The National Oceanographic Partnership Program is a co-operative effort between 14 federal agencies, academia and private industry to coordinate national oceanographic research and education programs. Since it was established in 1997, the consortium has awarded nearly \$80 million to more than 50 research and educational projects in ocean science.

Keywords: Government Organization; Oceanography; Research & Development

The Cortland Companies

Booth 448

PO Box 330, 44 River Street, Cortland, New York, 13077, United States

Tel: +1 607 753 8276

Fax: +1 607 753 3183

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Keywords: Cables, Connectors; Ropes & Chains; Umbilicals

C-Products Ltd

Booth 427

27 Woolmer Way, Bordon, Hants, GU35 9QE, United Kingdom

Tel: +44 (0)1420 488 083

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Exhibiting on the C & C Technologies Booth

Keywords:

Global Positioning Systems; Mapping Systems; Profiling Systems; Seismic

Survey; Sub-bottom Profile Equipment

CRP Balmoral Inc

Booth 723

1902 Rankin Road, Houston, Texas, 77073, United States

Tel: +1 713 780 0600

Fax: +1 713 780 0681

Web: www.balgroupint.com email: sales@balgroupint.com CRP Balmoral Inc, formerly Balmoral Group International Inc (BGII), recently joined the CRP Group significantly enhancing the overall group capabilities. CRP Balmoral Inc's purpose-built manufacturing facilities in Houston offer a wide range of tailored thermal insulation and buoyancy solutions used throughout the offshore oil and gas

industries Exhibiting on the CRP Group Booth

Autonomous Underwater Vehicles; Beacons & Buoys; Buoyancy Materials; Composite Materials; Dynamic Positioning; Fenders; Marine Drilling & Blasting; Mooring Equipment; Ocean Modelling; ROVs; Seismic Survey; Towed Arrays; Towed Bodies; Transducers; Umbilicals

CRP Group Ltd

Booth 723

Stanley Way, Skelmersdale, Lancashire, WN8 8EA, United Kingdom

Tel: +44 (0)1695 712 000

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Web: www.crpgroup.co.uk

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Booth 723

CRP Group Inc

2901 Wilcrest Suite 285, Houston, Texas, 77042, United States

Tel: +1 713 780 0600

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The US arm of the internationally recognised CRP Group Ltd offers engineering, project management and local support and development of the whole Group's

Keywords:

Autonomous Underwater Vehicles; Beacons & Buoys; Buoyancy Materials; Composite Materials; Dynamic Positioning; Fenders; Mooring Equipment; Ocean Modelling; ROVs; Seismic Survey; Towed Arrays; Towed Bodies; Transducers: Umbilicals

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Weight	2.15 kg
Overall length	211 mm
Max Diameter	70 mm

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These swivels have been used in deep-sea water immersed for six to eight years and are well proven. We are now producing in larger batch quantities due to increased demand and are able to offer them at a competitive price. World-renowned companies already using these swivels include: Southampton Oceanography Centre, UK. North Pole Station 355640 Applied Physics Laboratory of Washington, University of Alaska, Institute of Marine Science and British Antarctic Survey. We would welcome any enquiries you may have and assure you of our best attention at all times.



GeoAcoustics Ltd

Booth 203

Shuttleworth Close, Gapton Hall Industrial Estate, Great Yarmouth, Norfolk, NR31 ONQ, United Kingdom

Tel: +44 (0)1493 600666 Web: www.geoacoustics.co.uk

Fax: +44 (0)1493 651100 email: sales@geoacoustics.co.uk

Leading manufacturer of seabed survey equipment including side scan sonars, sub bottom profilers and swath bathymetry systems along with a full range of ancillary equipment. Introducing the new GeoChirp II high power chirp profiler system for both shallow and deep water surveys. Also on display will be the GeoAcoustics dual frequency side scan sonar, the full range of GeoPro Sonar processors and the GeoPrinter, our highly reliable photo quality thermal graphic recorder. Our low cost swath bathymetry system GeoSwath will be on show together with an impressive array of data collected by our customers and ourselves. array of data collected by our customers and ourselves

Also Exhibiting are Geo-Acoustics Inc., Geo-Acoustics Asia Pacific Pte Ltd. and GeoAcoustics Ltd Indian Branch.

Keywords:

Acoustics; Bathymetry; Computer Equipment; Computer Software; Data Acquisition/Management; Geology, Geophysics; Hydrography; Image Enhancement; Mines & MCM; Sonar & Systems; Sub-bottom Profile

Geometrics

Booth 707

2190 Fortune Drive, San Jose, California, 95131, United States

Tel: +1 408 954 0522

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Web: www.geometrics.com

GEOMETRICS

Geometrics, a member of the OYO Corporation, manufactures, sells and services portable geophysical instruments for land, marine and air investigations of the subsurface. The product line includes proton precession and cesium magnetometers, high-resolution seismographs and electrical conductivity

Geometrics' instruments are used around the world for natural resource exploration, geotechnical and environmental assessments, ordnance detection, locating archeological and treasure sites, and teaching and research.

Geology, Geophysics; Instrumentation Systems; Magnets & Magnetometers; Marine Surveyors; Mineral Prospecting; Seismic Survey; Sensors; Towed Arrays; Towed Bodies

Geonav Marine Systems

Booth 454

11211 Katy Freeway, Suite 430, Houston, Texas, 77079, United States

Tel: +1 713 722 9697

Fax: +1 713 722 9699

Web: www.geonav.com email: morton@geonav.com



Custom software and hardware for offshore positioning. Eznav software, full featured but with an emphasis on ease of use. Microprocessor based interfaces for gyro data, event generation, and custom device pre-processing. Voyage data recorders for semi submersibles.

Also Exhibiting are Hydro Projects and Mercator.

Keywords:

Computer Equipment; Consultancy Services; Data
Acquisition/Management; Dynamic Positioning; Electronic Charting; Fibre
Optic; Gyrocompasses; Hydrographic Survey Software; Instrumentation
Systems; Navigation; Offshore Vessels; Pipe laying; Research Vessels;
Seismic Survey; Telemetry Equipment; Tracking Software

GITC bv / Hydro International

Booth 722 Nieuwedijk 43, Lemmer, 8531 HK, Netherlands

Tel: +31 514 561 854

Web: www.gitc.nl

Fax: +31 514 563 898 email: floris.siteur@gitc.nl

Media Partner for Oceanology International. Besides the OI Show Daily, GITC by publishes Hydro International, the well-known international informative journal for hydrography and the International Hydrographic Review, an international journal publishing mainly peer reviewed original works on all aspects of hydrography and associated disciplines, ranging from the latest technical developments to history.

Keywords: Consultancy Services; Hydrography; Publications

Guildline Instruments Inc.

Booth 550

103 Commerce Street, Suite 160, Lake Mary, Florida, 32746, United States

Tel: +1 407 333 3327 Web: www.guildline.com

Fax: +1 407 333 3309 email: tstark@guildline.com

World leader in laboratory salinity, conductivity standards, programmable towed instrumentation platforms, high accuracy temperature standards, standard seawater and calibration services. Exhibiting with Richard Brancker Research, RBR provides precision instruments for freshwater, marine and cryospheric studies, submersible data logging equipment, wave gauge, geophysics equipment, mining equipment, custom engineering.

Also exhibiting is Richard Brancker Research.

Keywords:

Calibration Devices; Conductivity Meters; Depth Indicators & Recorders; Environmental Measurement; Profiling Systems; Salinometers; Temperature Measurement; Torpedoes; Towed Bodies; Wave & Wave Power

Harvey-Lynch Inc

Booth 209

12718 Century Drive, Stafford, Texas, TX 77477, United States

Tel: +1 281 240 5441

Fax: +1 281 240 0932

Web: www.harvey-lynch.com email: rogerc@harvey-lynch.com





Equipment rental & sales to the offshore marine survey industry, as well as geophysical, oceanographic, military, hydrographic survey and the ROV marketplace. We are also a manufacturers representative and equipment sales distributor in the Gulf of Mexico for Benthos, Chesapeake Technology, EIVA, Falmouth Scientific, Geometrics, Oceanscan, Odom Hydrographic Systems, ORE Offshore, Quest Geodetic Software Solutions, Schonstedt, SRS UK Ltd & Trimble.

Also Exhibiting is Eiva and Quest Geodetic Software Solutions.

Keywords:

Echo Sounders; Global Positioning Systems; Gyrocompasses; Hydrographic Survey Software; Magnets & Magnetometers; Sonar & Systems; Sub-bottom Profile Equipment; Swell Compensators; Transponders; Winches & Accessories

Hydro Projects Inc

Booth 454

11211 Katy Fwy, Suite 430, Houston, Texas, 77079, United States

Tel: +1 713 783 1297

Fax: +1 713 722 9699

Web: www.hydroprojects.com email: phil.garrod@hydroprojects.com Established in 1985, Hydro Projects provides consultancy and experienced personnel services to the land and offshore survey, subsea construction, hydrographic, dredging, seismic, ROV and HSE markets worldwide. Operating from offices in Houston, UK and the Far East, they offer project management, client representation, specialist personnel and contract survey and geophysical personnel.

Exhibiting on the Geonav Marine Systems Booth.

Keywords:

Consultancy Services; Geology, Geophysics; Geotechnics; Hydrographic Survey Software; Hydrography; Marine Surveyors; Personnel & Recruitment; Port & Harbour Development; Survey; Training

Hydroid Inc

Booth 234

81 Technology Park Drive, East Falmouth, Massachusetts, 02536, United States Tel: +1 508 457 9191 Fax: +1 508 457 6622

Web: www.hydroidinc.com

email: sales@hydroidinc.com



Hydroid, Inc. is an East Falmouth based company established by the original inventors of the REMUS system. The powerful, light-weight, low cost REMUS Autonomous Underwater Vehicle (AUV) has now entered the commercial world, and is available only through Hydroid, Inc.

over 20 system sales to their credit, Hydroid offers their customers an unbeatable combination of technical expertise, quality production and world class service and support.

Keywords: Autonomous Underwater Vehicles; Hydrography; Mines & MCM; Survey; Transponders

Hydroquip

Booth 228

Hydropark, Tern Place, Denmore Road, Bridge of Don, Aberdeen, AB23 8JX, United Kingdom Tel: +44 (0)1224 825 321

Web: www.hydroquip.ltd.uk

Fax: +44 (0)1224 703 776 email: info@hydroquip.ltd.uk

Primarily a survey equipment rental company, dedicated to ROV sensors, high accuracy surface and subsea positioning such as TSS340 pipetrackers, laser range & bearing, Tritech sonar & bathymetry, Sonardyne acoustics LBL & HPR, CTDS, video and data transmission, gyrocompasses, Artemis, Micro-fix, ROV & underwater gyros, subsea attitude positioning systems. Hydroquip also develop underwater ROV and acoustic gyros to 2,200m (SAPS), Hydrotel data and video transmission systems. ISO 9002. Hydroquip has a 50% stake in Survey Equipment Services in Houston.

Exhibiting on the Survey Equipment Services Booth.

Acoustics; Bathymetry; Compasses; Gyrocompasses; Inclinometers; Lasers; Keywords: Position Fixing Systems; Sound Velocity Probes; Telemetry Equipment



THE INTERNATIONAL HYDROGRAPHIC REVIEW

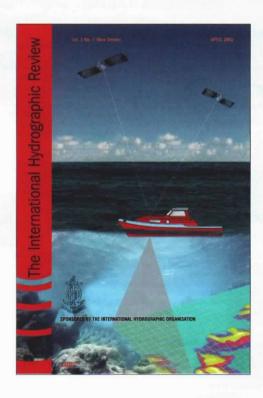
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Tel: +31 (0)514 561854 Fax: +31 (0) 514 563898

E-mail: jeroen.zaagemans@gitc.nl

Website: www.gitc.nl

Howe Moss Avenue, Kirkhill Ind Estate, Dyce, Aberdeen, AB21 OGP, United Kingdom

Tel: +44 (0)1224 772150

Fax: +44 (0)1224 772166 email: rovs@hydrovision.co.uk

Web: www.hydrovision.co.uk

Hydrovision and Seaeye Marine's core business is the design and manufacture of ROV Systems. The range extends from small portable Eyeball Class systems to full specification hydraulic powered Work Class ROVs suitable for construction, intervention, trenching and survey operations along with a wide range of hydraulic system and control system building blocks.

On display will be the Seaeye Falcon which is the first ROV designed and built by Seaeye Marine to meet the operational requirements of coastal and inshore operators. In developing this system the same criteria of performance, reliability and ease of operation were set but with the added challenge of creating a system that was to be portable and affordable.

Exhibiting on the Macartney A/S Booth.

Keywords: Bathymetry; Hydraulic Systems; Lasers; Launch & Recovery Systems; Propulsion Systems; ROVs; Submersible Equipment

Idronaut S.r.l

Booth 942

Via Monte Amiata, 10, Brugherio, Milano, 20047, Italy Tel: +39 039 879656

Fax: +39 039 883382

Web: www.idronaut.it

email: idronaut@idronaut.it

A research and manufacturing company located in Milan which produces CTDs sensors, hardware and software for profiling and monitoring down to 7000m depth, the physical and chemical properties of water (depth, temperature, conductivity, salinity, oxygen, pH, redox, chlorophyll, transmission, turbidity, suspended solids, radiance, etc) and boreholes.

Exhibiting on the General Oceanics Booth.

Calibration Devices; Data Acquisition/Management; Environmental Measurement; Fluorometers; Oxygen Meters; Remote Data Acquisition; Salinometers; Sensors; Temperature Measurement; Water Measurement,

IEC Corporation

Web: www.ieccorporation.com

Booth 808

3100 Longhorn Blvd, Austin, Texas, 78758-7696, United States

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The Institute of Marine Engineering, Science & Technology is the international professional membership body and learned society for marine professionals, with over 14,000 members worldwide, involved in all aspects of marine engineering, science and technology disciplines. Qualifications for membership are based on educational background and/or multi-disciplinary experience ensuring that high professional standards are maintained. IMarEST Publications include MER (Marine Engineers Review), The Marine Scientist, The Journal of Offshore Technology (JOT) and Maritime IT & Electronics.

Keywords: Hydrography; Personnel & Recruitment; Publications; Training

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e-mail: info@harvey-lynch.com

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Innovatum Inc

Booth 233

10055 Regal Row, Suite 190, Houston, Texas, 77040, United States

Tel: +1 713 849 9192

Fax: +1 713 849 9611

email: leticia.coria-vazquez@innovatum.net Web: www.innovatum.net The global leader in pipeline and cable detection. They have successfully served the offshore industry for the past three decades by combining innovative solutions with superb customer service. Their Ultra System is the world's most advanced cable and pipeline surveying equipment available.

Keywords: Instrumentation Systems; Magnets & Magnetometers

Integrated Ocean Drilling Program (IODP) Booth 834

1755 Massachusetts Ave, NW Suite 700, Washington, District of Columbia, 20036, United States

Tel: +1 202 232 3900 x 262 Web: www.iodp.org

Fax: +1 202 232 3426 email: iwgso@joiscience.org

IODP is an international scientific research endeavor scheduled to begin October 2003. IODP will use new resources to support technologically advanced ocean drilling research, which will enable investigation of Earth's regions and processes that were previously inaccessible and poorly understood.

Exhibiting on the JOI/Ocean Drilling Program Booth.

Dynamic Positioning: Earth Sciences; Geology, Geophysics; Ocean Observation; Offshore Vessels; Research & Development Institutions; Research Vessels; Seabed Sampling

Interactive Visualization Systems

Booth 331

2 Garland Court, Suite 203, PO Box 69000, Frederiction, New Brunswick, E3B 6C2,

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Keywords: Autonomous Underwater Vehicles; Bathymetry; Charts & Charting; Coastal Protection; Data Acquisition/ Management; Geology, Geophysics; Hydrographic Survey Software; Mapping Systems; Pipe laying; ROVs

Booth 235

International Ocean Systems
192 Hampton Road, Teddington, Middlesex, TW11 8HA, United Kingdom

Tel: +44 (0)20 8943 4288

Fax: +44 (0)20 8943 4312 email: iosd@msn.com

Web: www.intoceansys.co.uk IOS is the leading European magazine serving and informing the vast and important international oceanology market. It comprehensively covers the field of ocean data gathering, underwater surveying, and instrumentation. A Diver Group publication, IOS is distributed worldwide on a bi-monthly basis.

Keywords: Publications

International Seakeepers Society

University of Miami - Richmond Campus, 11820 SW 166 Street, Miami, Florida, 33177, United States

Tel: +1 305 772 6986

Fax: +1 305 847 8279

Web: www.seakeepers.org

email: rmaulini@rsmas.miami.edu

A US patent has been issued to the International SeaKeepers Society for its A US patent has been issued to the International SeaKeepers Society for its autonomous ocean monitoring module, which operates on ships, buoys and piers to autonomously gather and transmit data on a wide variety of ocean and atmospheric conditions. The module includes multiple and interchangeable miniaturized sensors, a unique anti-biofouling system that allows for long term unattended use, software that automatically records, prepares for transmission and transmits data via satellite, and other unique features. The technology was also recently awarded the Tech Museum and United Nations Award for Environmental Technology Benefiting Humanity. The module will be on display.

Aquaculture; Beacons & Buoys; Coastal Monitoring; Data Acquisition/Management; Environmental Measurement; Ocean Observation; Offshore Vessels; Remote Data Acquisition; Research & Development Institutions; Research Vessels

International Transducer Corporation

Booth 713

869 Ward Drive, Santa Barbara, California, 93111, United States Tel: +1 805 683 2575

Fax: +1 805 967 8199

Web: www.itc-transducers.com

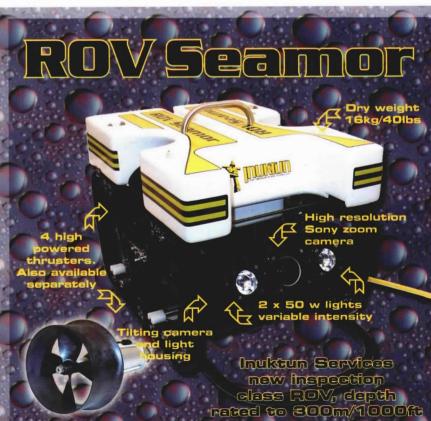
International Transducer Corporation

email: itc-sales@itc-transducers.com

email: itc-sales@itc-transducers.com ITC designs and manufactures acoustic transducers for ship and submarine sonar, oceanographic, survey, seismic exploration, marine research, medical devices and proximity sensing. ITC transducers are used in defense, communication, navigation control and information gathering applications. They are integral to many advanced sonar systems, position devices.

determining systems and data telemetry devices.

Acoustics; Defence Technology; Echo Sounders; Hydro-Acoustics; Hydrophones; Sensors; Sonar & Systems; Sub-bottom Profile Equipment; Towed Arrays; Towed Bodies; Transducers; Transponders; Underwater





InterOcean Systems Inc

Booth 236

3540 Aero Court, San Diego, California, 92123, United States

Tel: +1 858 565 8400

Fax: +1 858 268 9695

Web: www.interoceansystems.com

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Coastal Monitoring; Current Meters; Environmental Measurement; Instrumentation Systems; Ocean Observation; Oil Spill Counter-Measures; Profiling Systems; Remote Data Acquisition; Tide Gauges; Winches & Accessories

Inuktun Services Ltd

Booth 452

2569 Kenworth Road, Suite C, Nanaimo, BC, V9T 3M4, Canada

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Keywords:

Aquaculture; Cameras; Defence Technology; Instrumentation Systems; Non-Destructive Testing; Ocean Observation; ROVs; Safety; Submarine Research; TV & Video Systems

IXSEA OCEANO

Booth 509

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Tel: +33 298 056700

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Specialises in the design, manufacture and market of high-performance gyroscopes and underwater acoustics. It is the leading manufacturer of worldwide-known products OCTANS gyrocompass and motion sensor, PHINS inertial navigation system, POSIDONIA USBL acoustic positioning system and acoustic releases for shallow and full ocean depth operations, for mooring lines recovery or heavy load handling. Products are used by the offshore oil and gas industry, defense agencies, the scientific institutes and ports & harbours for navigation, accurate survey and positioning, mooring recovery and subsea and marine offshore constructions applications. Product range now includes the MAGIS magnetometer.

Revwords: Acoustics: Compasses: Gyrocompasses: Magnets & Magnetometers:**

Keywords:

Acoustics; Compasses; Gyrocompasses; Magnets & Magnetometers; Markers; Mooring Equipment; Navigation; Tide Gauges; Transducers; Transponders; Velocimeters

John Hopkins University/ Applied Physics Laboratory

Booth 543

11100 Johns Hopkins Road, Laurel, Maryland, 20723-6099, United States

Tel: +1 240 228 8913 Web: www.jhuapl.edu Fax: +1 240 228 6874 email: Sezin.feher@jhuapl.edu

A not-for-profit organization, JHU/APL applies state-of-the-art oceanographic science and technology expertise to government and industry applications. APL's systems approach relies on expert understanding of first principles physics combined with an operational perspective to provide unique, application-driven solutions. Exciting new tools for ocean profile collection and analysis, surface wave studies, and underwater acoustic modelling are demonstrated.

Keywords:

Acoustics; Coastal Monitoring; Environmental Modelling; Meteorology; Ocean Modelling; Ocean Observation; Oceanography; Optics; Research & Development Institutions; Wave & Wave Power

John W Fisk Company

Booth 650

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Keywords: Insurance

JOI - Joint Oceanographic Institution 1755 Massachusetts Ave NW, Integrated Ocean Drilling Program Suite 700, Washington, District of Columbia, 20036, United States

Tel: +1 202 232 3900

Fax: +1 202 232 3426 email: efish@joiscience.org

Booth 834

Web: www.iodp.org The Ocean Drilling Program (ODP) is an international partnership of scientists and research institutions organized to explore the evolution and structure of Earth. The Integrated Ocean Drilling Program (IODP) is an international scientific research endeavor scheduled to begin October 2003, at the close of ODP. See www.oceandrilling.org and www.iodp.org for more information.

Also exhibiting is Integrated Ocean Drilling Program and Ocean Drilling Program

Keywords:

Dynamic Positioning: Earth Sciences; Geology, Geophysics; Ocean Observation; Offshore Vessels; Research & Development Institutions; Research Vessels; Seabed Sampling

Klein Associates Inc

Booth 815

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Keywords:

Hydrographic Survey Software; Hydrography; Hydrological Instruments; Launch & Recovery Systems; Navigation; Radar Equipment; Rescue & Survival Equipment; Sonar & Systems; Sub-bottom Profile Equipment; Transducers

Knudsen Engineering Limited

Booth 341

10 Industrial Road, Perth, Ontario, K7H 3P2, Canada

Tel: +1 613 267 1165 x 105

Web: www.knudsenengineering.com

Fax: +1 613 267 7085

email: judith@knudsenengineering.com The 320 Series of echosounders provide precision water depth measurement and are used The 320 Series of echosounders provide precision water depth measurement and are used worldwide by hydrographic agencies, port authorities, navies and research institutions, as well as commercial dredging and survey companies. The 320M Marine Echosounder, 320B Blackbox, 320MP and 320BP Portable Splashproof Echosounders and the 320BR Deep Water Echosounder offer flexible software driven architecture that allows ready integration with modern marine industry survey tools including GPS, heave sensors, dataloggers and PCs. Unique product features of Knudsen Engineering echosounders include a standard SCSI port and Windows interface, and field programmable software that allows existen upgrade or reconfiguration to new frequencies. that allows system upgrade or reconfiguration to new frequencies

Acoustics; Bathymetry; Charts & Charting; Depth Indicators & Recorders; Dredging Equipment; Echo Sounders; Hydro-Acoustics; Hydrography; Hydrological Instruments; Marine Surveyors; Navigation; Sonar & Systems; Sub-bottom Profile Equipment; Survey

Kongsberg-Simrad Inc

Booth 327

7225 Langtry Street #700, Houston, Texas, 77040, United States

Web: www.kongsberg-simrad.com

Fax: +1 713 934 8886 email: doria.i.martinez@kongsberg-simrad.com

A leading supplier of advanced maritime automation and instrumentation systems. With its strong application knowledge and trendsetting quality products, Kongsberg Simrad is able to offer unique and complete solutions for offshore oil and gas installations, and specialized purpose-built vessels. Kongsberg Simrad is a leading manufacturer of multibeam echo sounder systems for seabed mapping and underwater acoustic positioning systems.

Keywords:

Autonomous Underwater Vehicles; Bathymetry; Echo Sounders; Hydro-Acoustics; Hydrography; Hydrological Instruments; Mapping Systems; Sonar & Systems; Sub-bottom Profile Equipment; Transducers

L-3 Communications ELAC Nautik GmbH

Booth 237

Neufeldstrasse, Kiel, 24118, Germany

Tel: +49 431 883 319

Fax: +49 431 883 224

Web: www.elac-nautik.com

email: marketing@elac-nautik.com

L-3 ELAC Nautik /SeaBeam exhibit the latest generation of multibeam echosounder systems for high resolution seafloor mapping in shallow, medium and deep water plus online and postprocessing software packages. Their platform-independent software running on Windows NT as well as on UNIX Workstations is specialized in data acquisition and processing of multibeam sonars.

Also exhibiting is L-3 Communication Seabeam Instruments.

Keywords:

Bathymetry; Echo Sounders; Hydro-Acoustics; Hydrographic Survey Software; Hydrography; Mapping Systems; Ocean Modelling; Signal Processing; Sonar & Systems; Transducers

L-3 Communication Seabeam Instruments Booth 237

344 Vanderbilt Avenue, Norwood, Massachusetts, 02062, United States

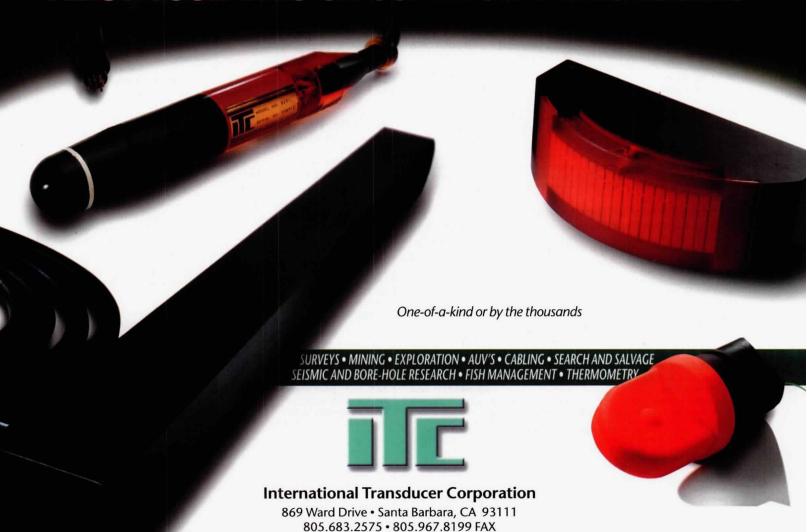
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Booth 546

Booth 343

The School moves into a new \$26 million building this spring. The academic departments and institutes housed in this beautiful facility are dedicated to helping Louisiana manage its natural resources on land and at sea. Our world-renowned Louisiana manage its natural resources on land and at sea. Our wond-renowned faculty and research programs work at home and abroad to restore barrier islands, improve hydrology in marshes, protect fish and shellfish for commercial and sports use, provide first warning capability against devastating storms, and effect environmental remediation, to name just a few of our important research initiatives.

Coastal Monitoring; Ecology; Environmental Measurement; Environmental Modelling; Geology, Geophysics; Hydrography; Ocean Modelling; Ocean Observation; Satellite Remote Sensing; Wave & Wave Power

Louisiana Coastal Wetlands Conservation and Restoration Task Force

Johnson Control World Services, U.S.G.S. National Wetlands Research Center, 700 Cajundome Blvd., Lafayette, Louisiana, 70506, United States

Tel: +1 337 266 8623 Web: www.LaCoast.gov

Fax: +1 337 266 8513 email: Gabrielle_Bodin@usgs.gov

Louisiana has lost an average of 25 to 35 square miles of coastal wetlands every year for the last 50 years. Louisiana's wetlands provide many ecological, economic and cultural values to the state and nation. The Coastal Wetlands Planning, Protection and Restoration Act provides approximately \$50 million a year for coastal restoration

Keywords: Coastal Protection; Earth Sciences; Ecology; Geology, Geophysics; Government Organization; Land Reclamation Projects

MaCArtney A/S

Gl. Guldagervej 48, Esbjerg V, DK-6710, Denmark

Tel: +45 7613 2000

Fax: +45 7511 7220

Booth 213

Web: www.macartney.com

email: winnie@macartney.com

The product base is extensive and falls into a number of main categories ie dynamic cables, cable protection, connectors and handling systems, underwater robotics including remote operated and remote operated towed vehicles (ROV and ROTV) with associated equipment and sensor packages, data gathering systems including towed bodies, moored systems, ancillary equipment and sensors. MaCArtney is showing their newest development - the TRIAXUS - which is a 3-D towfish 03 together with their range of NEXUS muliplexer systems.

Also Exhibiting are EurOceanique, Hydrovision, Macartney Benelux, Macartney Norge AS, Macartney Offshore, Macartney UK, MBT GmbH and Subconn Inc.

Keywords:

Cables, Connectors; Cameras; Fibre Optic; ROVs; Slip Rings; Sonar & Systems; Telemetry Equipment; Towed Bodies; Umbilicals; Winches & Accessories

MaCArtney Benelux BV

Westhavenkade 86, Vlaardingen, 3133 AV, Netherlands

Tel: +31 10 2041166

Web: www.macartney.com Exhibiting on the Macartney A/S Booth.

MaCArtney Norge AS

Strandsvingen 3, Stavanger, 4032, Norway

Tel: +47 5195 1800

Web: www.macartney.com Exhibiting on the Macartney A/S Booth.

MaCArtney Offshore Inc.

3660 Westchase Drive, Houston, Texas, 77042, United States

Tel: +1 713 266 7575

Web: www.macartnev.com

Fax: +1 713 266 7519 email: offshore@macartney.com

Advanced applied technology company providing engineered services and hardware to customers in marine, naval and oil & gas environments. Complete project solutions for oil & gas, civil engineering and construction industries. Mechanical, electronic and fiber optic engineering expertise is held in-house in order to service our customers quickly and efficiently.

Exhibiting on the Macartney A/S Booth.

Keywords: Cables, Connectors; Engineering Design; Fibre Optic; Instrumentation Systems; Marine Civil Engineering; ROVs; Slip Rings; Submersible Equipment; Telemetry Equipment; Winches & Accessories

MaCArtney UK Ltd

Booth 213

Booth 213

Booth 213

Booth 213

Fax: +47 5195 1810

Fax: +31 10 2480806

email: mac-nl@macartney.com

email: mac-no@macartney.com

Howemoss Drive, Kirkhill Industrial Estate, Dyce, Aberdeen, AB21 8GD, United Kingdom

Tel: +44 (0)1224 358500

Web: www.macartnev.com

Fax: +44 (0)1224 358510 email: mac-uk@macartnev.com

Exhibiting on the Macartney A/S Booth.



Less is More



Light weight, compact size and ultra low power consumption make the Explorer mini marine magnetometer the ideal tool for shallow water surveys, especially when deployed from a small craft.

On the more side, Explorer's small size makes it ideal for towing behind side scans and deep tow platforms where it's deep tow options are 1000m, 3000m and 6000m.

Explorer gives you high sensitivity, unmatched accuracy, and the ability to operate around the world without any restrictions. And speaking of no restrictions, this professional tool will fit in your boat *and* your budget.



NEW WAVE RADARS



DIRECTIONAL WAVE AND CURRENT MONITORING WITH EITHER OF TWO MIROS SYSTEMS:

- MIROS DIRECTIONAL WAVE AND SURFACE CURRENT RADARS Range-gated microwave doppler radars of high accuracy.
- WAVEX
 Maritime radar wave and current extractors approved for use on vessels and offshore structures (DNV type approval certificate)



MIROS DIRECTIONAL WAVE AND SURFACE CUR-RENT RADARS ARE WELL SUITED FOR USE ON:

- Offshore Structures and Vessels
- · Catamarans and High Speed Vessels
- Naval Vessels
- Traditional Merchant Marine Vessels
- Research and Service Vessels
- Shore Installations for Coasts and Ports

RANGE FINDER

- Wave profile and air gap from vessels and offshore structures
- Tidal variations, water level in rivers, canals and lakes
- · 20, 50 and 85 meter range
- · Long term stability
- Error < 1 mm (averaged)
- · No fog, rain or water spray influence



Solbråveien 32, P.O. Box 364, N-1372 Asker, Norway Tel: +47 66 98 75 00, Fax: +47 66 90 41 70 E-mail: office@miros.no, Web site: www.miros.no

MIROS A/S WINNING INTERNATIONAL RECOGNITION AND MARKETS

MIROS is well known as supplier of Met-Ocean Systems and its own Remote Ocean Sensors supplied since 1984, in particular for its **Directional Wave and Surface Current Radar**, which is a microwave Doppler radar. It has won high recognition and has to a large extent replaced wave buoys in many offshore markets. It is the dominant Ocean Sensor on the Norwegian Continental Shelf, and is installed also in the UK, Denmark, Canada, Korea, USA and Brazil.

WAVEX, another Miros directional wave and current monitoring system, using a marine X-band radar as sensor, is now gaining broad confidence of users. Some fifty systems have been sold worldwide since the installation of the first system in 1996.

WAVEX is used on conventional ships, high speed vessels, on fixed and mobile offshore units and from shore stations. The System features a bridge display for monitoring wave parameters in real time such as actual wave height, period and direction. Wavex is a valuable tool for sea state evaluation, for applications such as passage planning and reduction of hull an cargo damage. For high-speed crafts, Wavex provides information on operational parameters such as significant wave height. Wavex can be used as a stand-alone system or as part of a hull monitoring system. The system is compact, and can normally use a ship's existing X-band radar antenna for signal input.

MIROS is cooperating closely with DNV, in particular, in development of active operator guidance systems incorporating the use of Wavex. Wavex was type approved by DNV for use on vessels and offshore structures as early as in 1998.

MIROS is furthermore looking into the use of Wavex for Oil Spill Detection and has performed very successful tests during controlled oil spill off the coast of Norway.

Visit us at Stand No. 736

RANGE FINDERS

WIROS developed its first microwave altimeter in the early 90's. This sensor has been successfully in use on high speed vessels and on offshore platforms, and has demonstrated reliable performance without need of recalibration for those first units delivered in 1994.

Its successor, the Range Finder was introduced to the market in year 2000. The sensor has a vastly improved accuracy and is in use by an increasing number of customers in many areas of usage. The sensor is now also used for tide monitoring and for monitoring of vessel sailing clearance under bridges.

The Range Finder, with new electronic components is a highly competitive sensor under further development to meet new challenges. Miros is continuing its verification programs to study performance, sensor development and application of the sensor in cooperation with customers. Operators of commercial high speed vessels, navies, offshore operators and government authorities are now prime customers of large numbers of the Miros Range Finders.

Marine Electronics Ltd

Booth 434

Unit 10 Barras Lane Industrial Estate, Vale, Guernsey, GY6 8EQ, United Kingdom Tel: +44 (0)1481 253 181 Fax: +44 (0)1481 253 182

Web: www.marine-electronics.co.uk

email: sales@marine-electronics.co.uk

Designers and manufacturers of underwater acoustic instruments and systems. Electronically scanned imaging and bathemetry sonars for ROV and AUV navigation and survey. High definition programmable imaging and profiling sonars for scientific applications, eg sand ripple measurements. 3D-profiling sonars for seabed/inland waterway mapping. New multi-return altimeter, echo sounders, acoustic release systems, cavity and borehole survey probes, transponders, tracking, telemetry and acoustic navigation systems. High-speed real-time internal pipe inspection sonars. ISO9002 accredited.

Keywords: Acoustics; Bathymetry; Echo Sounders; Hydrography; Profiling Systems; Sonar & Systems; Telemetry Equipment; Transponders

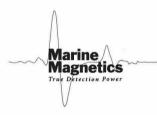
Marine Magnetics

Booth 631

52 W Beaver Creek Road #16, Richmond Hill, Ontario, L4B 1L9, Canada Tel: +1 905 709 3135 Fax: +1 905 709 0805

Web: www.marinemagnetics.com

email: info@marinemagnetics.com



Designs and manufactures high sensitivity Designs and manufactures high sensitivity marine magnetometers. Of particular note are the SeaSPY and SeaQuest magnetometer and gradiometer systems that are in use by navies, research institutes, universities, archaeologists, geophysicists and survey companies around the world. New launches include the Explorer Mini Marine Magnetometer. Explorer's lightweight (7lbs) and compact size (33.75) make it the ideal tool for shallow water surveys, especially when deployed from a small craft.

Keywords:

Anti Submarine Warfare; Defence Technology; Earth Sciences; Geology, Geophysics; Instrumentation Systems; Magnets & Magnetometers; Ocean Observation; Sensors; Surveillance; Towed Arrays

Marine Sonic Technology Ltd

Booth 318

PO Box 730, White Marsh, Virginia, 23183, United States

Tel: +1 804 693 9602 www.marinesonic.com

Fax: +1 804 693 6785 email: rwmson@marinesonic.com

MSTL manufactures the Sea Scanâ PC, a high-resolution, low cost side scan sonar system. Producing almost photo quality underwater images, the system is used worldwide in the fields of law enforcement, search and rescue, surveying, research, salvage, underwater construction and military operations. The system is available mounted on a towfish, magules or miniaturized for AUV/ROV applications.

Autonomous Underwater Vehicles; Defence Technology; Rescue & Survival Equipment; ROVs; Sonar & Systems

Materials Systems Inc

Booth 229

543 Great Road, Littleton, Massachusetts, 01460, United States

Tel: +1 978 486 0404 www.matsvsinc.com

Fax: +1 978 486 0706 email: jschmidt@matsysinc.com

Designs and manufactures acoustic transducers for a wide range of systems including side-scan, sub-bottom profiling, swath bathymetry, mine hunting, acoustic communication and large area conformal arrays for ROV/AUV sonar. MSI's piezocomposite technology offers high receive sensitivity, high source levels, low selfnoise and full ocean depth performance

Also exhibiting is Farsounder Inc.

Acoustics; Bathymetry; Engineering Design; Hydrophones; Non-Destructive Testing; Sensors; Sonar & Systems; Transducers; Underwater Communications

MBT GmbH

Booth 213

Wischhofstrasse 1 - 3, Gebaude 1, Kiel, 24148, Germany

Tel: +49 431 7 20 72 01 Web: www.m-b-t.com

Fax: +49 431 7 20 72 07 email: info@m-b-t.com

A sales and engineering company for marine technology. Since 1997 MBT has represented major international manufacturers of oceanographic and hydrographic instrumentation. In addition MBT provides installation and system integration services. Great importance will be donated to extensive support of clients during installation, setting to work and training. MBT is the competent partner in all aspects for all those who have to measure and take samples in the ocean, rivers, lakes and harbours and who have to process and present their data. Since 2000 MBT has been a member of the Danish MaCArtney Group, an international leading supplier of marine technology. marine technology.

Exhibiting on the Macartney A/S Booth.

Coastal Monitoring; Coastal Protection; Current Meters; Data Acquisition/Management; Environmental Measurement; Hydrography; Instrumentation Systems; Remote Data Acquisition; ROVs; Telemetry Equipment; Towed Bodies

Mercator Inc

Booth 454

11211 Katy Freeway, Suite 430, Houston, Texas, 77079, United States

Tel: +1 713 464 4353 Web: www.mercat.com

Fax: +1 713 464 2762 email: alastair@mercat.com

Rents and sells GPS systems for a number of applications including dredging, civil engineering, hydrographic survey, land survey, pipelines, roads, GIS and environmental. The company provides in-house and field training as well as full repair

Exhibiting on the Geonav Marine Systems Booth.

Keywords: Global Positioning Systems

METOCEAN Data Systems

Booth 702

21 Thornhill Drive, Dartmouth, NS, B3B 1R9, Canada

Fax: +1 902 468 4442

Tel: +1 902 468 2505 Web: www.metocean.com

email: leigh@metocean.ns.ca

METOCEAN Data Systems Limited is a research, development and manufacturing company based in Dartmouth, Nova Scotia Canada. Since the company's inception in 1985, METOCEAN has been a world leader in state-of-the-art data acquisition and telemetry systems through air-deployed and ship-deployed drifting buoys. During this time METOCEAN has produced thousands of drifting buoys for such programs as WOCE and TOGA, search and rescue buoys such as Self Locating Datum Marker Buoys, oil tracking buoys such as Argospheres and Davis, various ice platforms and acoustic systems to customers all over the world. METOCEAN is an ISO 9001 registered company and is one of the few manufacturers of oceanographic, meteorological and military systems in the world to have received this internationally recognized quality registration.

Keywords:

Acoustics; Beacons & Buoys; Data Acquisition/Management; Defence Technology; Engineering Design; Environmental Measurement; Global Positioning Systems; Ocean Observation; Profiling Systems; Tracking Software

Minerals Management Service

Booth 243

1201 Elmwood Park, MS 5060, New Orleans, Louisiana, 70123, United States Tel: +1 504 736 2596 Fax: +1 504 736 2944

Web: www.mms.gov

email: edward.tilton@mms.gov

The Minerals Management Service (MMS) is the Federal agency in the U.S. Department of the Interior that manages the Nation's oil, natural gas, and other mineral resources on the Outer Continental Shelf (OCS) in an environmentally sound and safe manner

Keywords:

Bathymetry; Biological Resource Exploitation; Coastal Monitoring; Current Meters; Earth Sciences; Ecology; Environmental Measurement; Environmental Modelling; Geology, Geophysics; Government Organization; Ocean Modelling; Ocean Observation; Oceanography; Oil Spill Counter-Measures; Publications; Risk Assessment; Seabed Sampling; Seismic Survey

Miros AS

Solbråvn 32, PO Box 364, Asker, 1372, Norway

Tel: +47 66 98 75 00 Web: www.miros.no

Fax: +47 66 90 41 70

Booth 736

email: office@miros.no



One of the leading met-ocean suppliers in Europe and a major world wide supplier of MIROS' own remote ocean sensors which include MIROS directional wave and surface

micide MIROS directional wave and surface current radars (microwave doppler radars). MIROS WAVEX wave monitoring system for use onboard vessels and from shore sites using marine radar as sensor and MIROS downward-viewing radars - microwave altimeter and range finder - used for air gap, tide and wave monitoring and for monitoring of bridge sailing clearance. The sensors are used on ships fixed or floating offshore platforms and from shore sites for coastal water or harbour monitoring.

Keywords:

Current Meters; Data Acquisition/Management; Environmental Measurement; Meteorology; Ocean Observation; Oil Spill Counter-Measures; Radar Equipment; Remote Data Acquisition; Sensors; Tide Gauges; Wave & Wave Power

Mississippi State University

MSU/ERC, Bldg 1103, Rm 233, Stennis Space Center, Mississippi, 39529, United States

Tel: +1 228 688 3575

Fax: +1 228 688 7100 email: mehra@erc.msstate.edu

Web: www.gri.msstate.edu MSU's GeoResources Institute combines mission areas of the Remote Sensing

Technologies Center, Mississippi Water Resources Research Institute, Computational Geospatial Technologies Center, and Visualization, Analysis and Imaging Laboratory. These entities conduct research in the areas of remote sensing; water problems; computational geospatial information products; and, scientific visualization applied to real-world problems.

Keywords:

Computer Software; Data Acquisition/Management; Earth Sciences; Environmental Modelling; Image Enhancement; Meteorology; Ocean Modelling; Research & Development Institutions; Satellite Remote Sensing



Museum of Man in the Sea

Booth 816

17314 Panama City Beach Parkway, Panama City Beach, Florida, 32413, United States Tel: +1 850 235 4101 Fax: +1 850 235 4101

NASA Earth Science

Booth 319

Enterprise, NASA Goddard Space Flight, Greenbelt Rd, Greenbelt, Maryland, 20771, United States

Tel: +1 301 614 5560

Fax: +1 301 614 6530

Since its creation in 1958, NASA has been studying the Earth and its changing environment by observing the atmosphere, oceans, land, ice and snow, and their influence on climate and weather. In 1991, NASA launched Earth Science Enterprise Program to study the Earth. Using satellites and information from ground-based sources, and working together with nations of the world, we hope to improve our knowledge of the Earth system, and use that knowledge for the benefit of future

NASA Oceanography

Booth 319

1200 N Veitch Street, Ste 1404, Arlington, Virginia, 22201, United States

Tel: +1 703 527 1924

Web: www.jpl.nasa.gov

As a technology organization utilizing the unique vantage-point from space, NASA Oceanography conducts a program of satellite missions and research projects to enable global ocean science. Through continued observation of the state and patterns of change in the ocean NASA contributes to innovations in climate prediction and weather forecasting.

Keywords: Earth Sciences; Ocean Observation; Oceanography; Remote Data Acquisition; Research & Development Institutions; Satellite Communications; Satellite Navigation; Satellite Remote Sensing

NASA/JPL Ocean Surface Topography

Booth 319

Jet Propulsion Lab, TOPEX/Poseidon Jason-1 Outreach, Radar Data & Outreach Center, Mail Stop 300-233, Pasadena, California, 91109-8099, United States

Tel: +1 818 354 2386 Web: www.jpl.nasa.gov Fax: +1 818 393 2640

NASA's Jet Propulsion Laboratory, in collaboration with the French Space Agency, employ satellite, ocean altimeters which obtain precise, global ocean-surface topography measurements with 4.2 cm accuracy. The data are used for a variety of scientific and operational applications. Jason-1, launched in 2001, continues the observations begun in 1992 by TOPEX/Poseidon.

Keywords:

Earth Sciences; Geology, Geophysics; Meteorology; Ocean Modelling; Ocean Observation; Remote Data Acquisition; Satellite Remote Sensing

NASA/JPL Physical Oceanography DAAC Booth 319

299 N. Euclid Ave., Suite 500, Pasadena, California, 91101, United States

Tel: +1 626 744 5458

Fax: +1 626 744 5506 email: monika@seanet.jpl.nasa.gov Web: www.podaac.jpl.nasa.gov

PO.DAAC provides physical oceanographic data from spaceborne instruments. We will be highlighting data and educational products and applications from the SeaWinds on QuikSCAT scatterometer, the TOPEX/Poseidon and Jason-1 altimeters, and the AVHRR and MODIS SST instruments.

Earth Sciences; Geology, Geophysics; Meteorology; Ocean Modelling; Ocean Observation; Remote Data Acquisition; Satellite Remote Sensing

National Imagery and Mapping Agency Booth 744

Maritime Safety Information Division, 4600 Sangamore Road, Mail Stop: D-44, Bethesda, Maryland, 20816-5003, United States

Tel: +1 301 227 7646

Fax: +1 301 227 3731 email: dohertyp@nima.mil

The National Imagery and Mapping Agency's Maritime Safety Information Division collects and analyzes maritime safety information in support of a nautical database maintenance environment to produce, promulgate, and provide worldwide access to standard nautical, digital and customer tailored hydrographic and bathymetric safety of navigation data.

Keywords:

Bathymetry; Charts & Charting; Electronic Charting; Government Organization; Hydrography; Mapping Systems; Marine Communications; Navigation; Satellite Communications

National Science Foundation

Booth 442

4201 Wilson Boulevard, Suite 725N, Arlington, Virginia, 22230, United States Tel: +1 703 292 8580 Fax: +1 703 292 9085

Web: www.geo.nsf.gov/oce/

email: kbinkley@nsf.gov

The Division of Ocean Sciences (OCE) supports disciplinary and interdisciplinary research efforts and the means, particularly ships and other equipment, necessary to access the oceans from the surface to deep in the seafloor. Consistent with NSF as a whole, integrating research and education is a priority for the Division.

Keywords: Research & Development Institutions

Naval Meteorology and Oceanography Command

Booth 503

1100 Balch Blvd, Stennis Space Center, Mississippi, 39529-5005, United States

Tel: +1 228 688 4384 Web: www.pao.cnmoc.navy.mil

Fax: +1 228 688 5743 email: willisc@cnmoc.navv.mil

The Naval Meteorology and Oceanography Command is a worldwide organization comprised of approximately 3,000 military and civilian personnel at about 60 locations. The command provides forecasts of weather and ocean conditions necessary for successful military operations. The command will showcase ocean modelling capabilities, survey technology and community and educational outreach.

Bathymetry; Environmental Modelling; Government Organization; Hydrography; Meteorology; Navigation; Ocean Modelling; Survey

Naval Research Laboratory

Booth 701

Public Affairs Office, Code 7030.4, Stennis Space Center, Mississippi, 39529-5004, United States

Tel: +1 228 688 5328

Fax: +1 228 688 5552

Web: www.nrl.navy.mil

email: brotundo@nrlssc.navy.mil

Conducts basic and exploratory research in oceanography and related sciences. Laboratories in microscopy, map data formatting, visualization, remote sensing/numerical modelling, acoustic and oceanographic computation, instrumentation, and analysis and testing are just a few examples of the wide scope of research and development conducted by NRLSSC.

Keywords:

Acoustics; Geology, Geophysics; Ocean Observation; Research & Development Institutions; Wave & Wave Power

Neptune Oceanographics Ltd

Booth 626

Sapharey House, Sturt Road, Charlbury, Oxon, OX7 3SX, United Kingdom

Tel: +44 (0)1608 819177

Fax: +44 (0)870 4581979

Web: www.neptune.gb.com email: info@neptune.gb.com

Provides comprehensive oceanographic and environmental measurement and monitoring services for offshore operators worldwide. Neptune's services include subsea pipeline leak detection using long established fluorescence and acoustic techniques. More recently, Neptune has introduced a real time system that detects hydrocarbons (methane, oil, etc.) to depths of 3500m. Exhibiting on the Aquatec Group Booth.

Keywords:

Acoustics; Coastal Monitoring; Consultancy Services; Environmental Measurement; Fluorometers; Measuring Services; Ocean Observation; Sensors; Water Measurement, Sampling

Neptune Sciences Inc

Booth 345

40201 Highway 190 East, Slidell, Louisiana, 70461, United States

Tel: +1 985 649 7252

Fax: +1 504 649 9679

Web: www.neptunesci.com email: mearle@neptunesci.com NSI is featuring their full line of WAVE SENTRY real-time wave measurement buoys ranging from micro and mini hand-deployed and air-deployed buoys to buoys for long-term deployments. Optional addition of Acoustic Doppler Current Profiler (ADCP) measurements is now available.

Keywords:

Beacons & Buoys; Coastal Monitoring; Consultancy Services; Data Acquisition/Management; Defence Technology; Engineering Design; Environmental Measurement; Information Services; Meteorology; Ocean Observation; Water Measurement, Sampling; Wave & Wave Power

Nichiyu Giken Kogyo Co

Booth 216

2-22-1 Minami-Ikebukuro, Toshima, Tokyo, 171-0022, Japan

Tel: +81 3 3986 5222 Web: www.nichigi.com Fax: +81 3 3983 6537

email: ocean-g@nichigi.co.jp Exhibiting acoustic releases. They apply a unique mechanism using gas generator. Also develop and manufacture innovative oceanographic equipment; non-bio-contaminated water sampler; portable time-series sediment trap; underwater winch,

Keywords:

Acoustics; Depth Indicators & Recorders; Mooring Equipment; Pressure Vessels; Profiling Systems; Remote Data Acquisition; Water Measurement, Sampling

Booth 519

12227 Wilkins Avenue, Rockville, Maryland, 20852, United States

Tel: +1 301 413 0100 Web: www.noaa.gov

Fax: +1 301 413 0200 email: tlallen3892@msn.com

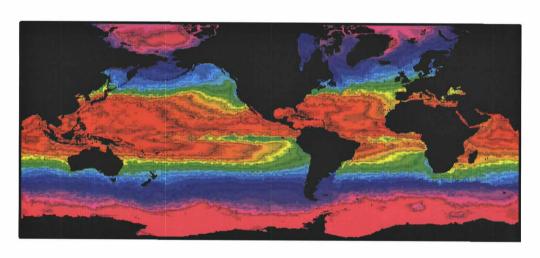
The National Oceanic and Atmospheric Administration (NOAA) conducts research and gathers data about the global oceans, atmosphere, space, and sun, and applies this knowledge to science and service that touch the lives of all Americans.





The Naval Research Laboratory.... conducting basic and exploratory research and development in oceanography and related sciences.

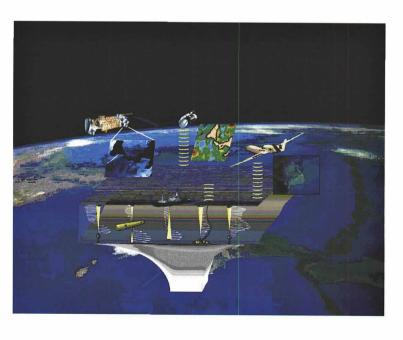
Specialized laboratories include microscopy, map data formatting, visualization, remote sensing and numerical modelling, oceanographic computatation, instrumentation, and analysis.



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Future Direction . . . ocean environment shore to shore

Learn about NRL at http://www.nrlssc.navy.mil or visit us at booth #701



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AustralAsian Oil & Gas - Stand 21 19-21 March, 2003, Perth, Western Australia

ONG - Payilion A Stand 101 26-28 March, 2003, Ravenna, Italy

OTC = Booth 1401 5-8 May, 2003, Houston, TX, USA

Oil & Gas Technology Indonesia 22-24 May, 2003, Jakarta, Indonesia

Caspian Oil & Gas 3-6 June, 2003, Baku

Oceanology International 4-6 June, 2003, New Orleans, LA, USA

Brasil Offshore 4-6 June, 2003, Macae, Brazil

Latin American Petroleum Show 21-23 October, 2003, Maracaibo, Venezuela

OGA 14-17 July, 2003, Kuala Lumpur, Malaysia

Offshore Europe - Stand 535 2-5 September, 2003, Aberdeen, Scotland

SPE ATCE - Booth 1245 5-8 October, 2003, Denver, CO, USA

LAGGOE 28-30 October, 2003, Lafayette, LA, USA

NOAA/CICEET

Booth 242

Environmental Technology Building, 35 Colovos Road, Suite 130, Durham, New Hampshire, 03824, United States

Tel: +1 603 862 3580 Web: www.ciceet.unh.edu Fax: +1 603 862 2940 email: dwight.trueblood@noaa.gov

The Co-operative Institute for Coastal and Estuarine Environmental Technology (CICEET) was established in 1997 as a national center for the development and application of innovative technologies to address problems associated with pollution and habitat degradation in estuaries and coastal waters. The Institute is managed jointly by the University of New Hampshire and NOAA.

Keywords:

Coastal Monitoring; Environmental/Pollution; Pollution Control; Research & Development Institutions; Satellite Remote Sensing; Sensors; Water Measurement, Sampling

NOBSKA

Booth 625

62 Musket Lane, Mashpee, Massachusetts, 02649, United States

Tel: +1 508 539 0404 Web: www.nobska.net

Fax: +1 508 539 0808 email: dan-schaaf@att.net

NOBSKA, located near Woods Hole, is the world leader in low noise, high resolution 3-D Current Measurements. They will be celebrating their 6th year of business by introducing their new MWAVES Software for Windows. MWAVES Software calculates and plots Directional Wave Spectra from data collected using the MAVS-3 Acoustic 3-D Current Meter equipped with Pressure Sensor. The MAVS-3 Acoustic 3-D Current Meter will also be on display. The MAVS-3 Current Meter is a true 3 axis Acoustic Current Meter which employs a differential travel time measurement technique. The current meter takes measurements across 4 acoustic paths to provide a true vector averaged velocity measurement.

Keywords: Current Meters; Tide Gauges; Velocimeters

Nortek AS

Booth 443

Vangkroken 2, Rud, 1351, Norway Tel: +47 67 17 45 00

Web: www.nortek-as.com

Fax: +47 67 13 67 70

email: inquiry@nortek.no

Nortek's line of Aquadopp current profilers and single-point current meters is expanding. The last addition to these small and lightweight instruments includes an all-titanium 6000-m version. In addition, a new suite of PUV software for processing wave directional data collected with the Aquadopp is introduced.

Keywords: Current Meters; Velocimeters; Wave & Wave Power

Ocean Data Equipment Corporation

Booth 328

88 Royal Little Drive, Providence, Rhode Island, 02904-1859, United States

Tel: +1 401 454 1810

Fax: +1 401 454 1806 email: philibert@oceandata.com

Web: www.oceandata.com Design and manufacturing of acoustic solutions for a global marketplace. ODEC offers a complete line of sensors and instruments to support marine geophysical and hydrographic applications. Products include: portable hydrographic survey echosounders, chirp subbottom profilers and thermal recorders, as well as Acoustic Core; remote acoustic marine sediment classification.

Keywords:

Acoustics; Bathymetry; Depth Indicators & Recorders; Echo Sounders; Environmental Measurement; Geology, Geophysics; Hydrography; Marine Civil Engineering; Remote Data Acquisition; Seismic Survey; Sub-bottom Profile Equipment

Ocean Drilling Program (ODP)

Booth 834

1755 Massachusetts Ave, NW Suite 700, Washington, District of Columbia, 20036, United States

Tel: +1 202 232 3900 x 224

Fax: +1 202 462 8754

Web: www.oceandrilling.org

email: info@joiscience.org

The Ocean Drilling Program (ODP) is an international partnership of scientists and research institutions organized to explore the evolution and structure of Earth. ODP provides researchers around the world access to a vast repository of geological and environmental information recorded far below the ocean surface in seafloor sediments and rocks. By studying ODP data we gain a better understanding of Earth's past, present, and future.

Exhibiting on the JOI/Ocean Drilling Program Booth.

Keywords:

Dynamic Positioning; Earth Sciences; Geology, Geophysics; Ocean Observation; Offshore Vessels; Research & Development Institutions; Research Vessels; Seabed Sampling

Ocean News & Technology

Booth 837

7897 SW Jack James Drive, Suite A, Stuart, Florida, 34997, United States

Tel: +1 772 221 7720 Web: www.ocean-news.com Fax: +1 772 221 7715

email: mjmcduffee@ocean-news.com Ocean News & Technology is an international publication covering the worldwide ocean industries including defense, science, communications, underwater vehicles, offshore oil & gas and much more. ON&T is published by Technology Systems Corporation. TSC also publishes Offshore Source, a monthly publication covering the oil and gas industry in North America, primarily the Gulf of Mexico. TSC is the organizer of the Offshore Communications Conference and the Renewable Ocean

Keywords: Engineering Design; Fibre Optic; Marine Communications; Publications; Satellite Communications; Survey; Telecommunications; Underwater Communications; Wave & Wave Power

Oceansp@ce

Booth 337

8th Floor, Apex Tower, High Street, New Malden, Surrey, KT3 4DQ, United Kingdom Tel: +44 (0)20 8949 9222 Fax: +44 (0)20 8949 8186

Web: www.oceanspace.net

email: oceanspace379@aol.com

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Exhibiting on the Spearhead Exhibitions Booth

Keywords: Publications

Odom Hydrographic Systems, Inc.

Booth 741

1450 Seaboard Avenue, Baton Rouge, Louisiana, 70810-6261, United States Tel: +1 225 769 3051 Fax: +1 225 766 5122

Web: www.odomhydrographic.com

email: email@odomhydrographic.com Manufacturer of precision hydrographic

surveying instruments for over 20 years.
Products include the dual frequency ECHOTRAC MKIII, single frequency HYDROTRAC, digital black box HT100, ECHOSCAN shallow water multibeam, DIGIBAR PRO sound velocity probe, ATLAS Fansweep multibeam systems, STEMA Densitune density meter and SILAS software, and the C-MAX CM2 Side Scan.

Keywords:

Bathymetry; Calibration Devices; Depth Indicators & Recorders; Echo Sounders; Environmental/Pollution; Global Positioning Systems; Mapping Systems; Sound Velocity Probes; Transducers; Velocimeters

Office Of Naval Research

Booth 642

800 North Quincy Street, Arlington, Virginia, 22217, United States

Tel: +1 703 588 2167 Web: www.onr.navy.mil

Fax: +1 703 696 5940 email: james_boyle@onr.navy.mil

From laser technologies to blood substitutes, from basic research to manufacturing technologies, the Office of Naval Research has a long history of funding innovation that change the world. ONR continually seeks to fund the best Naval-relevant science and technology that the industrial and academic communities have to offer.

Acoustics; Anti Submarine Warfare; Defence Technology; Electronic Warfare; Environmental Modelling; Hydro-Dynamics; Meteorology; Noise Reduction; Reconnaissance; Research Vessels; Torpedoes; Wave & Wave

Office of the Oceanographer of the Navy Booth 800

US Naval Observatory, 3450 Massachusetts Avenue NW, Washington, District of Columbia, 20392-5421, United States

Tel: +1 202 762 1045 Web: www.oceanographer.navy.mil Fax: +1 202 762 1025

email: robert.freeman@navy.mil The Oceanographer of the Navy is a special assistant to the Chief of Naval Operations responsible for oceanography, meteorology, geospatial information and services, precise time, and astrometry. He leads a globally-distributed organization, including a fleet of seven multi-mission oceanographic survey ships and world's

largest dedicated oceanographic computing facility. Keywords: Information Services; Meteorology; Navigation; Oceanography



Offshore Engineer Magazine

1635 W Alabama, Houston, Texas, 77006, United States

Tel: +1 713 831 1768 Web: www.offshore-engineer.com

Fax: +1 713 523 7804 email: robg@oilonline.com

Offshore Engineer provides topical and authoritative coverage of the global offshore oil & gas industry. Established in 1975, it now has a monthly circulation of over 32,000 copies. Register for your free subscription while visiting the show.

Keywords: Information Services; Publications

Offshore Europe 2003

Booth 337

Booth 814

8th Floor, Apex Tower, 7 High Street, New Malden, Surrey, KT3 4DQ, United Kingdom Tel: +44 (0)20 8949 9888 Web: www.offshore-europe.co.uk Fax: +44 (0)20 8949 9889 email: oe2003@spearhead.co.uk

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Europe Partnership, a partnership between Spearhead Exhibitions and the Society of Petroleum Engineers.

Exhibiting on the Spearhead Exhibitions Booth.

Keywords: Exhibitions/Events/Conferences; Information Services

Optech Incorporated

Booth 419

100 Wildcat Road, Toronto, ON, M3J 2Z9, Canada

Tel: +1 416 661 5904 Web: www.optech.on.ca

Fax: +1 416 661 4168 email: inquiries@optech.on.ca

Combining laser radar technology with an airborne platform, Optech's laser surveying systems are fast, accurate and cost-effective in precisely those survey applications where conventional systems are most limited - shallow water, the land/water interface, hazardous areas and areas requiring rapid environmental assessment. Optech's airborne laser bathymetry system, the SHOALS-1000, acquires both bathymetric and high density topographic information rapidly and efficiently.

Bathymetry; Coastal Monitoring; Data Acquisition/Management; Hydraulic Systems; Hydrography; Lasers; Mapping Systems; Measuring Services; Photogrammetry; Sensors

Orcina Cable Protection Ltd

Booth 723

North Lonsdale Road, Ulverston, Cumbria, LA12 9DL, United Kingdom

Fax: +44 (0)1229 581695

Web: www.ocpltd.com email: sales@ocpltd.com

OCP are leading designers and manufacturers in the provision of the ultimate cable protection systems for the seismic industry. Offering bespoke manufacture of bending stiffeners, restrictors and clamps to support and control the overbending of cables, umbilicals and flexible pipes use by the offshore seismic survey sectors.

Exhibiting on the CRP Group Booth.

Autonomous Underwater Vehicles; Beacons & Buoys; Buoyancy Materials; Composite Materials; Dynamic Positioning; Fenders; Ocean Modelling; Remote Data Acquisition; ROVs; Seismic Survey; Towed Arrays; Towed Bodies; Transponders; Umbilicals

Booth 523

Daltongate, Ulverston, Cumbria, LA12 7AJ, United Kingdom

Tel: +44 (0)1229 584 742

Web: www.orcina.com

Fax: +44 (0)1229 587 191 email: orcina@orcina.com

Orcina is an engineering consultancy specialising in the fields of offshore dynamics, risers, moorings, towed systems and installation procedures. We develop and sell leading edge commercial software packages including OrcaFlex, the VIV Toolbox, OrcaLay and OrcaBend. We also undertake feasibility and design studies, design audit, and engineering systems analysis.

Computer Software; Consultancy Services; Engineering Design; Finite Element Analysis; Hydro-Dynamics; Pipe laying; Structural Engineers; Towed Arrays Keywords:

ORE Offshore

Booth 623

4 Little Brook Road, Wareham, Massachusetts, 02571, United States

Tel: +1 508 495 6673

email: sales@ore.com

ORE designs, develops and manufactures precision acoustic products, instruments and systems for the control, positioning, and communications of underwater platforms including vehicles, moorings, and bottom mounted frames. ORE major products include acoustic releases, transponders, USBL positioning, and acoustic command and control systems. ORE will be featuring its new heavy load release system, and a lightweight, easy to maintain shallow water release. Exhibiting on the Edgetech Booth.

Keywords:

Acoustics; Beacons & Buoys; Mooring Equipment; Navigation; Position Fixing Systems; Telemetry Equipment; Tracking Software; Transponders; **Underwater Communications**

Outland Technology Inc

Booth 143

38190 Commercial Court, Slidell, Louisiana, 70458, United States

Tel: +1 985 847 1104 Web: www.outlandtech.com

Fax: +1 985 847 1106 email: buddy@outlandtech.com

Manufactures underwater video systems, cameras, lights, video overlay systems and the Outland 1000 ROV. For 19 years they have provided the diving community including the Navy - with imaging products for underwater use.

Keywords: ROVs; Surveillance; TV & Video Systems

Paine Electronics

Booth 742

2401 South Bayview Street, Seattle, Washington, 98144, United States

Tel: +1 206 329 8600 Web: www.painelectronics.com Fax: +1 206 329 1615 email: dan@paineelectronics.com

Manufactures precision pressure instruments in standard and custom configurations for petroleum, hydraulic, aerospace and military applications. Paine's highly accurate transducers are designed to operate flawlessly in the most extreme environments, from down-hole well logging and sub-sea production pods to missile and satellite applications.

Keywords: Calibration Devices; Depth Indicators & Recorders; Hydraulic Systems; Instrumentation Systems; Sensors; Transponders

Paroscientific Inc

Booth 801

4500 148th Ave NE, Redmond, Washington, 98052-5194, United States

Tel: +1 425 883 8700 x303

Fax: +1 425 867 5407

Web: www.paroscientific.com

email: support@paroscientific.com

Paroscientific manufactures and sells a complete line of high precision pressure instrumentation from a fraction of an atmosphere to thousands of atmospheres (3 psid to 40,000 psia). Resolution of better than 0.0001% and typical accuracy of 0.01% are achieved even under difficult environmental conditions. Other desirable characteristics include high reliability, low power consumption, and excellent long-term stability. Absolute, gauge, and differential transducers have been packaged in a variety of configurations including intelligent transmitters, depth sensors, portable standards, water level systems and meteorological measurement systems.

Anti Submarine Warfare; Bathymetry; Beacons & Buoys; Calibration Devices; Coastal Monitoring; Depth Indicators & Recorders; Earth Sciences; Environmental Measurement; Hydrological Instrument; Instrumentation Systems; Laboratory Supplies & Apparatus; Pressure Vessels; Tide Gauges; Transducers

Perry Slingsby Systems

Booth 408

821 Jupiter Park Drive, Jupiter, Florida, 33458, United States

Tel: +1 561 743 7000

Fax: +1 561 743 1313

Web: www.perryslingsbysystems.com

email: bruce.lokay@us.perrymail.com

World leader in design and manufacture of underwater ROVs and related subsea equipment. Developer of subsea intervention technologies for oil and gas, telecom, military and specialist markets. Comprehensive range of state-of-the-art ROVs, robotic tooling products and robotic engineering capabilities backed by worldwide service and support. (Locations: US and UK).

Keywords:

Engineering Design; Launch & Recovery Systems; Manipulators; Manned Submersibles; Pressure Testing Facilities; Rescue & Survival Equipment; ROVs; Submersible Equipment; Trenching; Winches & Accessories

Phillystran Inc

Booth 729

151 Commerce Drive, Montgomeryville, Pennsylvania, 18936, United States

Tel:+1 215 368 6611 Web: www.phillystran.com

Fax: +1 215 362 7956 email: rlombardo@phillystran.com

Manufactures custom-designed, high tech, fiber ropes from Kevlar, Spectra, Twaron, Vectran, Dyneema, Technora and Zylon. Specialize in stranded wire lay, braided and parallel constructions. Experts in terminating ropes and cables from a hand splice to a resin poured socket utilizing the company's own Socketfast Blue potting compound.

Keywords: Cables, Connectors; Mooring Equipment; Ropes & Chains; Towed Arrays

Piezo Composite Transducers Ltd

Booth 710

Crombie Lodge, Aberdeen Science & Technology Park, Campus 2, Balgownie Drive, Aberdeen, Grampian, AB22 8GU, United Kingdom

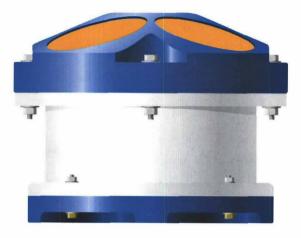
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Fax: +44 (0)1224 355 281

PCT Limited Leading designers and manufacturers of high performance acoustic transducers based upon the most advanced transduction technologies. Our unique capabilities offer customers the ability to improve the range, resolution and clarity of their acoustic systems.

Keywords: Acoustics; Composite Materials; Sonar & Systems; Transducers

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In 1982, RD Instruments developed the world's first Acoustic Doppler Current Profiler (ADCP). Over twenty years later we are still developing the most advanced technology in the field, with a reputation for unparalleled reliability and first-class customer service. From estuaries to oceans, RDI provides accurate doppler instruments for a wide array of marine motion applications. Allow us to put our wealth of experience to work for you.



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Planning Systems Inc

Booth 646

115 Christian Lane, Stennis Space Center, Mississippi, 39529, United States Tel: +1 228-689-8408

Web: www.PlanningSystemsInc.com

Fax: +1 228-689-8499 email: ljugan@psistennis.com

PSI will showcase a suite of products and services in support of ocean observing systems. The suite includes sensor network products, information management tools, and system integration services. Featured will be the launch of PSI's new family of Ethernet-based products for building Internet-compatible undersea and coastal sensor

Keywords:

Coastal Monitoring; Data Acquisition/Management; Engineering Design; Fibre Optic; Information Services; Instrumentation Systems; Ocean Modelling; Ocean Observation; Sensors; Telemetry Equipment

PMI Industries Inc

Booth 842

5300 St Clair Avenue, Cleveland, Ohio, 44103, United States

Tel: +1 216 881 4914 Web: www.pmiind.com

Fax: +1 216 881 4920 email: sales@pmiind.com

Cable products and engineered solutions to cable problems; reliable terminations and protection accessories; factory tested and fabricated cable systems; specialized testing of cable, components and systems; maintenance and repair of operational equipment.

Keywords: Cables, Connectors; Engineering Design

PNI Corporation

Booth 627

5464 Skylane Blvd, Suite A, Santa Rosa, California, 95403-1084, United States Tel: +1 707 566 2260 Fax: +1 707 566 2261

Web: www.pnicorp.com

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Manufactures a line of compass products which display heading, pitch, roll, and temperature all while drawing less than 100mW. These Tilt Compensated Modules (TCMs) are the world's most advanced and reliable digital compasses. PNI's included proprietary software offers a simple, intuitive graphical user interface

Autonomous Underwater Vehicles; Beacons & Buoys; Coastal Monitoring; Compasses; Inclinometers; Magnets & Magnetometers; Marine Surveyors; Navigation; Sensors; Towed Arrays

Pressure Systems Inc

Booth 653

34 Research Drive, Hampton, Virginia, 23666, United States

Tel: +1 757 865 1243

Fax: +1 757 865 8744

Web: www.pressuresystems.com

email: sales@pressuresystems.com

Manufacturer of precision, resonant quartz and hydrostatic pressure sensors and transducers. The precision, resonant quartz sensors are ideally suited for OEM wave, tide, and barometric pressure measurement. The hydrostatic pressure sensors are available in titanium or stainless steel construction making them ideal for level measurement in fresh or saltwater applications.

Keywords: Sensors; Transducers

Prizm Advanced Comm Electronics Inc

Booth 451

6655-R Amberton Drive, Elkridge, Maryland, 21075, United States

Tel: +1 410 379 6658

Fax: +1 410 379 5325

Web: www.prizminc.com

email: fiber@prizminc.com

Leading manufacturer and designer of fibre optic multiplexer systems for video, data, sonar and media conversion. Support for ethernet, arcnet, USB and other custom interfaces. Electro optical slip rings and CWDMs for complete system solutions. Also wireless 802.11 products. Prizm specializes in custom engineering and manufacturing services to meet your optimum system needs.

Engineering Design; Fibre Optic; Slip Rings; Telecommunications; Telemetry Equipment; Underwater Communications

QinetiQ

Booth 709

Building A22, Rm 203, Winfrith Technology Centre, Dorchester, Dorset, DT2 8XJ, United Kingdom

Tel: +44 (0)1305 212678

Fax: +44 (0)1305 212550

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email: sllong@QinetiQ.com

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Acoustics; Autonomous Underwater Vehicles; Electronic Charting; Environmental Modelling; Fibre Optic; Low Frequency Noise; Ocean Modelling; Pressure Testing Facilities; Sonar & Systems; Underwater Communications







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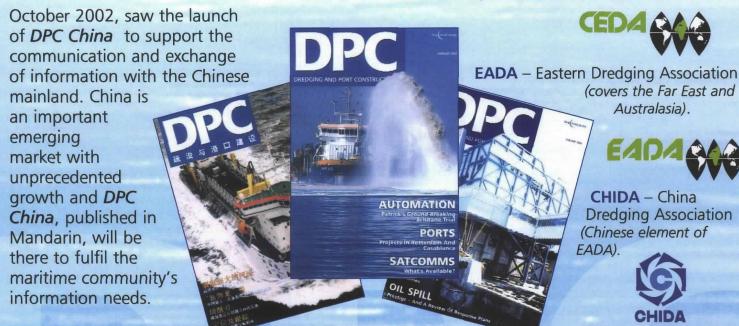
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Quest Geodetic Software Solutions

Booth 209

2470 Grayfalls Drive Suite 227, Houston, Texas, 77077, United States

Tel: +1 281 597 8840 Web: www.geodetic-solutions.com

email: mrayson@geodetic-solutions.com



Specialises in the development of software for the navigation community. The

company have been in operation for 10 years with offices in both the UK and USA with agents also located in the Middle East. The company offers development solutions, mapping and charting

products, data management, training and consultancy within the areas of GPS, geodesy and GIS.

Exhibiting on the Harvey-Lynch Booth.

Cartographic Materials; Charts & Charting; Computer Software; Data Acquisition/Management; Echo Sounders; Global Positioning Systems; Keywords: Gyrocompasses; Hydrographic Survey Software; Magnets & Magnetometers; Sonar & Systems

Quester Tangent Corporation

Booth 839

Marine Sciences Division, 99-9865 West Saanich Road, Sidney, British Columbia, V8L 5Y8, Canada

Tel: +1 250 656 6677

Fax: +1 250 655 4696

Web: www.questertangent.com

email: celliott@questertangent.com

Specialises in acoustic seabed classification, providing an unparallelled suite of seabed classification products and services. Products include real-time classification of singlebeam echosounder data, post-processing of full-waveform single-beam data, and classification of backscatter data from multibeam and sidescan sonars. View demonstrations of multibeam classification.

Keywords:

Acoustics; Anti Submarine Warfare; Aquaculture; Biological Resource Exploitation; Coastal Monitoring; Environmental Measurement; Remote Data Acquisition

RBR Ltd

Booth 550

27 Monk Street, Ottawa, Ontario, K1S 3Y7, Canada Tel: +1 613 233 1621

Web: www.brancker.com

Fax: +1 613 233 4100 email: info@brancker.com

Manufacturer of data logging equipment for oceanography, limnology and the cryosphere. Our instruments are used worldwide. We pay particular attention to accuracy, calibrating to the highest possible standards. The basic instrument design is flexible and the XR-420 series may be configured for any number of sensors up to 11

Exhibiting on the Guildline Instruments Booth.

channels

Conductivity Meters; Data Acquisition/Management; Depth Indicators & Recorders; Environmental Measurement; Fluorometers; Hydrological Instruments; Inclinometers; Oxygen Meters; pH meters; Tide Gauges; Wave & Wave Power

RD Instruments

Booth 241

9855 Businesspark Avenue, San Diego, California, 92131, United States

Tel: +1 858 693 1178

Fax: +1 858 695 1459 email: glopez@rdinstruments.com



RD Instruments

RD Instruments' Acoustic Doppler Current Profilers (ADCPs) are the worldwide de-facto standard for profiling water currents and measuring waves. RDI's Workhorse products combine ease-of-use and reduced cost. They include RDI's patented BroadBand profiling in every environment - from the shallowest stream to the deepest ocean.

RDI's Navigator Doppler Velocity Logs (DVLs) are used around the globe, providing precision navigation to a wide array of surface vessels and underwater vehicles.

Current Meters; Flow Meters; Hydrological Instruments; Navigation; Water Measurement, Sampling; Wave & Wave Power

Rockland Oceanographic Services Inc.

Booth 818

1112 Reno St., Victoria, BC, V9A 4B6, Canada

Tel: +1 250 370 1688

Web: www.alecvictoria.com

Fax: +1 250 370 0234 email: fabian@wolk.org

Offers technical services and equipment for oceanographic research and monitoring, with particular focus on microstructure turbulence measurements. Founded in February 2002 Rockland O/S is the North American representative of three major equipment manufacturers for microstructure instrumentation and CTD technology: Alec Electronics Co Ltd, Japan; Sea & Sun Technology, Germany; and RGL Consulting Ltd, Canada. This setup gives customers access to a wide variety of microstructure measurement equipment, and allows them to benefit from the extensive technical

and scientific expertise offered by Rockland O/S.

Exhibiting on the Alec Electronics Booth Keywords:

Conductivity Meters; Environmental Measurement; Fluorometers; Temperature Measurement

Rosenstiel School of Marine Sciences/ University of Miami

Booth 715

University of Miami, 4600 Rickenbacker Causeway, Miami, Florida, 33149, United States

Tel: +1 305 361 4994

Fax: +1 305 361 4711

Web: www.rsmas.miami.edu email: mrowand@rsmas.miami.edu

The University of Miami Rosenstiel School of Marine and Atmospheric Science is one of the nation's premier research and education institutions. Located on a 16-acre campus on Virginia Key in Miami, The Rosenstiel School focuses its research and education mission on topics of societal significance such as fisheries, climate change, hurricanes, coral reefs, aquaculture, oceans and human health and natural hazards.

Keywords: Meteorology; Oceanography; Research & Development Institutions



Richmond Terminal, Pier 9, 3481 North Marginal Road, Halifax,

Booth 135

Shark Marine 23 Nihan Drive, Unit 4, St Catharines, Ontario, L2N 1L2, Canada

Tel: +1 905 687 6672 Fax: +1 902 492 4781

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Coastal Monitoring; Data Acquisition/Management; Environmental Measurement; Environmental Modelling; Instrumentation Systems; Nutrient Analysers; Ocean Modelling; Ocean Observation; Optics; Profiling Systems; Remote Data Acquisition

A manufacturer and supplier of Remotely Operated Vehicles, camera systems, oceanographic equipment and related services serving the oceanographic community since 1984. They offer a full line of oceanographic equipment for all your underwater investigation, research and construction needs. Over the years, Shark Marine has gained global respect for their developments in undersea technology and the expertise they bring to on-site operations. As a manufacturer they have made significant advancements in underwater imaging equipment, remotely operated vehicles and other survey systems. In their services they have provided consultation, software development, custom manufacture, hydrostatic testing, equipment rentals and location operations.

Autonomous Underwater Vehicles; Cameras; Data Acquisition/Management; Defence Technology; Magnets & Magnetometers; Port & Harbour Development; ROVs; Sonar & Systems;

Survey; TV & Video Systems

Society for Underwater Technology 80 Coleman Street, London, EC2R 5BJ, United Kingdom

Keywords: Information Services; Publications

Tel: +44 (0)20 7382 2601

Web: www.sut.org.uk

Sonardyne Inc

SEA CON Brantner & Associates Inc

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Tel: +1 619 562 7070 Web: www.seacon-usa.com

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Nova Scotia, B3K 5X8, Canada

Tel: +1 902 492 4780

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Cables, Connectors; Engineering Design; Fibre Optic; Instrumentation Systems; Switches, Underwater; Towed Arrays

Sea Technology Magazine

Booth 214

Booth 619

Booth 941

1501 Wilson Blvd., Suite 1001, Arlington, Virginia, 22209, United States

Tel: +1 703 524 3136 Fax: +1 703 841 0852

Web: www.sea-technology.com email: seatechads@sea-technology.com A worldwide leader for the marine, science and engineering businesses published monthly for over 39 years and circulated in more than 105 countries. Sea Technology is edited for management engineers, scientists and educators serving the offshore/diving, government, civilian/military and science/research worldwide marine markets. Keywords: Publications

Sea-Bird Electronics Inc

Booth 703

Booth 817

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email: admin@sutadmin.demon.co.uk

11210 Steeplecrest Dr., Suite 360, Houston, Texas, 77065, United States

Tel: +1 281 890 2120

Fax: +1 281 890 7047 Web: www.sonardyne.com email: sales@sonardyne.com

The SUT is an international body actively promoting the development, dissemination and exchange of ideas, information and technology arising from or related to the underwater environment. Founded in 1966, the Society brings together

organizations and individuals from over 30 countries with a common interest in underwater technology, ocean science and offshore engineering. The Society has several branches worldwide including one in Houston, Texas.

Design and manufacture a range of underwater acoustic equipment including acoustic releases, acoustic positioning equipment (LBL, USBL), acoustic telemetry and control equipment. Sonardyne's latest FUSION system and Compatt 5 will be featured, both of which offer significant improvements in performance from current systems

Keywords:

Acoustics; Dynamic Positioning; Hydro-Acoustics; Survey; Telemetry Equipment; Tracking Software; Transponders; Underwater Communications

1808 - 136th Place NE, Bellevue, Washington, 98005, United States Tel: +1 425 643 9866

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Fax: +1 425 643 9954 email: dbennett@seabird.com

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Conductivity Meters; Environmental Measurement; Instrumentation Systems; Oxygen Meters; Sensors; Submersible Equipment; Tide Gauges; Water Measurement, Sampling

Seatronics Inc.

Sonatech Inc.

Booth 727

879 Ward Drive, Santa Barbara, California, 93111, United States Tel: +1 805 683 1431

Fax: +1 805 683 4862 Web: www.sonatech.com email: marketing@sonatech.com

A leader in underwater acoustics since 1973, Sonatech develops and manufactures sonar and navigation systems for military, commercial, and research applications. These include SSBL/LBL systems; forward-looking, obstacle-avoidance, homing/docking, acoustic-telemetry, side-scan, and synthetic-aperture sonars; portable ranges; and distress beacons. As our Quality Policy mandates, we deliver quality products that meet our customers' performance requirements using approved materials, processes and procedures.

Keywords:

Acoustics; Echo Sounders; Hydrophones; Markers; Penetrometers; Position Fixing Systems; Sensors; Sonar & Systems; Telemetry Equipment; Towed Arrays; Transducers; Transponders; Underwater Communications

Booth 541

10801 Hammerly Boulevard, Suite 220, Houston, Texas, 77043, United States Tel: +1 713 464 3311 Fax: +1 713 464 6111

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Worldwide suppliers of hydrographic, oceanographic, geophysical, diving and environmental equipment. Offices in Houston, New Iberia, Aberdeen, Abu Dhabi and Singapore. Seatronics can truly offer a worldwide rental service. In addition to one of the largest rental pools of equipment they offer experienced engineers for full customer support.

Keywords:

Cameras; Current Meters; Diving; Echo Sounders; Gyrocompasses; Hydro-Acoustics; Magnets & Magnetometers; Sub-bottom Profile Equipment; Tide Gauges; Ultrasonic Testing

Sonotronics

Booth 542

3250 S. Dodge Blvd, Suite 6, Tucson, Arizona, 85713, United States

Tel: +1 520 746 3322 Fax: +1 520 294 2040

Web: www.sonotronics.com email: sales@sonotronics.com

Sonotronics manufactures systems for the relocation of equipment, divers, or other items which may need to be recovered from a marine environment. These systems include acoustic transmitters (pingers), deck unit receivers, underwater diver receivers, hydrophones, and other accessories. Sonotronics was founded in 1971 and has since been a leader in underwater tracking systems in the fisheries and equipment

relocation industries. Acoustics; Beacons & Buoys; Data Acquisition/Management; Echo Sounders; Underwater Communications Keywords:

Sequoia Scientific, Inc.

Booth 836

2700 Richards Road, Suite 107, Bellevue, Washington, 98005, United States Tel: +1 425 641 0944 Fax: +1 425 643 0595 Web: www.sequoiasci.com email: devoss@sequoiasci.com

Manufactures the LISST series suspended sediment sensors and the HYDROLIGHT radiative transfer computation software. The LISST-100 measures size-distribution, LISST-ST measures settling velocity distribution, and LISST-25 measures true concentration of suspended sediments unaffected by changes in particle size or color. Sequoia is also active in sponsored basic research.

Coastal Monitoring; Dredging Equipment; Environmental Measurement; Environmental/Pollution; Hydrological Instruments; Optics; Sediment Sizing; Water Measurement, Sampling

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Offshore Technology/Ocean Engineering OTC 2003, May 5-8, Houston, TX

MAY**

Communications, Telemetry, Data Processing Oceanology International Americas, June 4-6, New Orleans, LA Coastal Zone Conference, July 13-17, Baltimore, MD

JUNE

Seafloor Mapping/Sonar Systems/Vessels

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Ocean Resources Development & Coastal Zone Management Oceans 2003 MTS/IEEE, September 22-26, San Diego, CA

SEPTEMBER**

Geophysical Exploration/Seafloor Engineering SEG 2003, October 26-31, Dallas, TX

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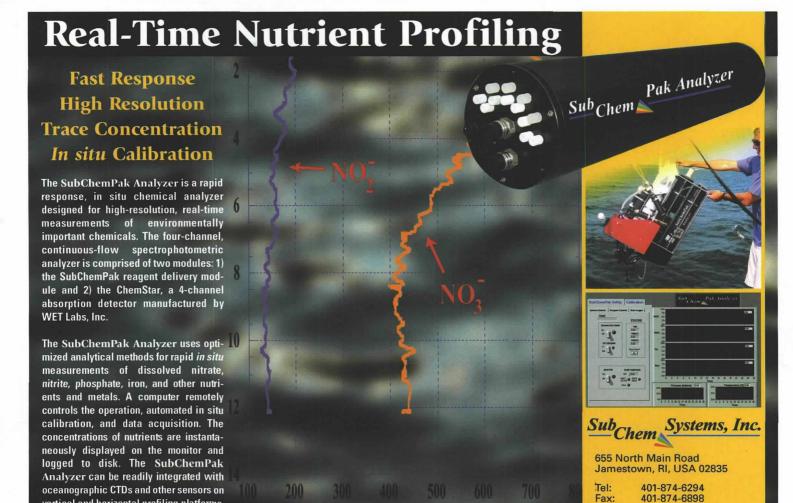
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Keywords: Exhibitions/Events/Conferences; Information Services; Publications

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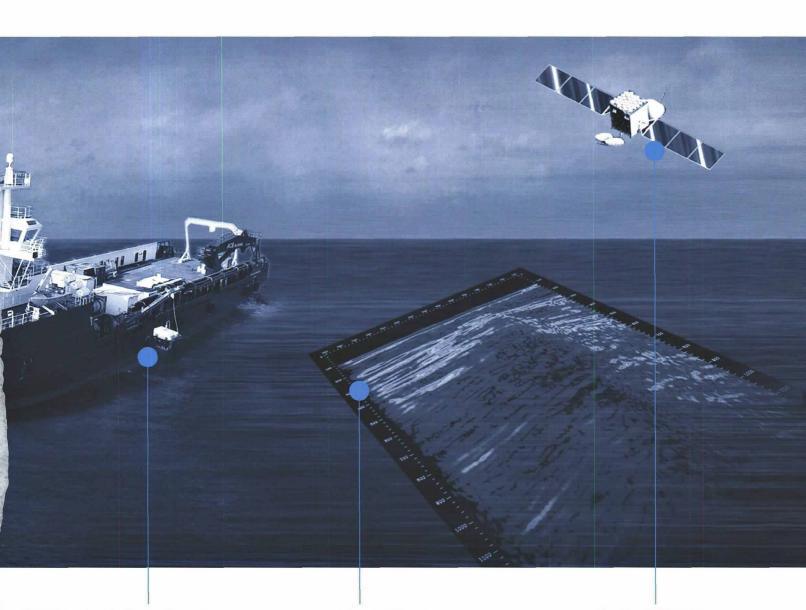
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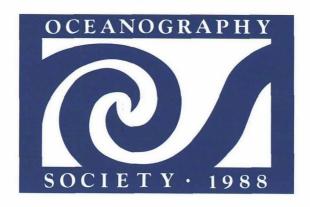
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Keywords:

Bathymetry: Dynamic Positioning; Global Positioning Systems; Gyrocompasses; Marine Civil Engineering; Navigation; Position Fixing Systems; Satellite Navigation; Survey; Tide Gauges

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Keywords: Publications

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Keywords:

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