Aanderaa Instruments Inc

Booth 750

234 Highland Avenue, So Attleboro, Massachusetts, 02703-6846, United States
Tel: +1 508 766 8077
Web: www.aanderaa.com
Fax: +1 508 761 8229
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 tomorrow’s 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

1228 South Shadow Creek Drive, Houston, Texas, 77082, United States
Tel: +1 281 589 2400
Fax: +1 281 679 6407
Web: www.abteluniversaltechnology.com
Email: marius@abteluniversaltechnology.com

A Robotics (ROV’s hydraulic systems and thrusters), imaging (cameras, ionors, gyro’s, 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

PO Box 315, 1400 Rte 28A, Catusmakt, Massachusetts, 02534, United States
Tel: +1 508 564 7640
Web: www.acoustikos.com
Fax: +1 508 564 7643
Email: sales@acoustikos.com

Acoustikos provides engineering and product development solutions to a variety of scientific and government concerns, with special emphasis on underwater acoustical 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

7-3 Ibi-ku, I-bashi, Kyushu-Ku, Kobe, Hyogo Pref, 651-2242, Japan
Tel: +81 78 997 8609
Web: www.lijnt.net/or/alec
Email: alecelec@po.lijnt.or.jp

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 Aquatec Electronics Booth.

Keywords: Current Meters; Environmental Measurement; Sensors

Alec Electronics, USA

Booth 818

10029 via Leslie, Santa Cruz, 92071-1550, United States
Tel: +1 619 449 2232
Web: www.alecusa.com
Fax: +1 619 334 5969
Email: 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
Web: www.waterobserver.com
Fax: +1 902 491 2162
Email: amrsadmin@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 hosting and supporting events.

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

Aplanix Corporation

Booth 643

85 Leek Crescent, Richmond Hill, Ontario, L4B 3R3, Canada
Tel: +1 905 709 4600
Web: www.aplanix.com
Fax: +1 905 709 6027
Email: starg@aplanix.com

Develops, manufactures, sells and supports precision products that accurately and robustly measure the position and orientation of vehicles in dynamic environments. Aplanix’s Position and Orientation Systems (POS™) are used in a variety of applications including road profiling, GIS data acquisition, aerial survey and mapping, railroad track maintenance and seafloor mapping. Aplanix strives to support customers around the world with exceptional service – anywhere, at anytime. Established in 1991, Aplanix 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: Beacons & Buoys; Current Meters; 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 0NL, United Kingdom
Tel: +44 (0) 1493 440 355
Web: www.appliedacoustics.com
Fax: +44 (0) 1493 440 720
Email: sales@appliedacoustics.com

Exhibiting with its US partner Subsea Technologies Inc. Applied Acoustics is a leading manufacturer of multi-compatible transponders, acoustic beacons, 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 Malibu Avenue, Sidney, British Columbia, V8L 5X6, Canada
Tel: +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 (01252) 843 072
Web: www.aquatec.org.uk
Fax: +44 (01252) 843 074
Email: info@amrs.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.

Keywords: 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 Witney, Hampshire, RG27 8NY, United Kingdom
Tel: +44 (01252) 843 072
Web: www.AquatecGroup.com
Fax: +44 (01252) 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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The Undersea Systems Division of Benthos provides sophisticated equipment used worldwide to observe, research, explore and carry out a myriad of tasks both deep beneath the sea and in shallower waters.

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or at: www.codaoctopus.com

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(+) 44 131 553 1380  (+) 44 131 554 7143  e: info@codaoctopus.com
Aquatec Subsea Ltd
High Street, Hartley Wintney, 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 instrument products. On display will be the AQUAlogger series of data logging instruments for temperature, pressure, turbidity, fluorescence, altitude, vibration and more. Their product range includes the AQUAscat acoustic backscatter sensor for suspended sediment analysis, and the AQUAmap range of acoustic marine mammal deterrents.
Exhibiting on the Aquatec Group Booth.
Keywords: Depth Indicators & Recorders; Echo Sounders; Fluorometers; Hydrological Instruments; Inclinometers; Penetrometers; Sediment Sizing; Temperature Measurement; Vibration Monitoring

Aquatec Telemetry Ltd
High Street, Hartley Wintney, 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
5202 San Juan Avenue, Jacksonville, Florida, 32210, United States
Tel: +1 904 384 8377
Web: www.arcsurveys.com
email: pswayer@arc-surveys.com
Arc Surveying & Mapping, Inc. is a multi-disciplined surveying and mapping firm with offices in Jacksonville Florida and Cagaua Puerto Rico. Arc's personnel are equipped with the latest topographic and geographic information systems. Our mappers are proficient in all popular software formats, including AutoCAD and Microstation.
Keywords: 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
1801 McCormick Drive, Suite 10, Largo, Maryland, 20774, United States
Tel: +1 301 925 4411
Web: www.argosinc.com
email: info@argosinc.com
Over 3000 drifting buoys, profiler floats and other oceanographic platforms monitor the world. Extremely robust satellite data collection platforms are designed for harsh environments. Low power transmissions enable long term autonomous operation. New features include two-way communication, increased data transmission capability and fully customized access to raw data and results. Designed for and with its scientific users, the only satellite-based system dedicated to monitoring and protecting the environment.
Also exhibiting is GLS.
Keywords: Data Collection/Management; Earth Sciences; Environmental Measurement; Environmental/Pollution; Global Positioning Systems; Ocean Observation; Remote Data Acquisition; Satellite Communications

AST Airtime Limited
Burlington House, Hewett Road, Ganton Hall, Gt Yarmouth, Norfolk NR31 1NN, 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 buoys. Also shown will be the complete range of Iridium satellite phones.
Keywords: Autonomous Underwater Vehicles; Bathymetry; Charts & Charting; Defence Technology; Geology, Geophysics; Global Positioning Systems; Marine Surveyors; Navigation; Pipe laying; Salvage; Sensors; Survey

Axys Environmental Systems
PO Box 2219, 2045 Mills Road, Sidney, BC, V8L 3S8, Canada
Tel: +1 250 655 5860
Fax: +1 250 655 5866
Web: www.axystechnologies.com
email: systems@axys.com
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. Axys manufactures ship and land based meteorological and environmental monitoring stations.
Keywords: Data Collection/Management; Environmental Measurement; Environmental Monitoring; Meteorology; Ocean Modelling; Port & Harbour Development; Remote Data Acquisition; Sensors; Vibration Monitoring

Benthos Inc
48 Edgerton Drive, North Falmouth, Massachusetts, 02556, United States
Tel: +1 508 563 1000 x 550
Web: www.benthos.com
email: flewis-souza@benthos.com
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 include high speed acoustic modems, sidescan sonar systems, acoustic releases, glass floatation spheres, acoustic pingers, transponders and hydrophones.
Keywords: Acoustics; Bathymetry; Beacons & Buoys; Hydrophones; ROV; Sonar & Systems; Sub-bottom Profile Equipment; Towed Arrays; Transponders; Underwater Communications

BOSCA
4th Floor, 30 Great Guildford Street, London, SE1 OHS, United Kingdom
Tel: +44 (0)20 7928 9199
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 Industries.
Keywords: Oil Spill Counter - Measures

C & C Technologies Inc
730 Kaliste Salomo Road, Lafayette, Louisiana, 70508, United States
Tel: +1 337 261 0660
Fax: +1 337 261 0192
Web: www.cctechnol.com
email: info@cctechnol.com
C & C Technologies Inc offers ship company operators, 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-N详细介绍 ‘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
Max-Planck-Strasse, Geesthacht, 21502, Germany
Tel: +49 1452 871 837
Fax: +49 1452 871 888
Web: www.capsum.com
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 our sales offices in Jacksonville Florida and Caguas Puerto Rico.
Keywords: Environmental Measurement; Environmental/Pollution; Geotechnics; Sensors
**Exhibitor Listings**

**CDL**
Silverfield House, Claymore Drive, Bridge of Don, Aberdeen, AB22 8GD, United Kingdom
Tel: +44 (0)1224 706 655
Fax: +44 (0)1224 709 840
Web: www.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 gyro, inertial navigation, sonar, bathymetry, multiplexers, tilt sensors, cameras & video/data transmission.

**Keywords:** Bathymetry; Cameras; Depht Indicators & Recorders; Electrical Design & Installation; Engineering Design; Gyrocompasses; Inclinometers; Lasers; Navigation; Position Fixing Systems; Profiling Systems; Sonar & Systems; Telecomm Equipment; TV & Video Systems; Umbilicals; Underwater Communications

---

**Century Subsea**
10615 Shadow Wood Drive, Suite 202, Houston, Texas, 77043, United States
Tel: +1 713 785 0788
Web: www.century-subsea.com

Survey and positioning services to the Offshore Industry. The company was formed in 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™ TMS - a real-time 3D Visualisation System for offshore projects.

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

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**Chelsea Technologies Group**
55 Central Avenue, West Molesey, Surrey, KT8 2QZ, United Kingdom
Tel: +44 (0)20 8941 0044
Fax: +44 (0)20 8941 9319
Web: www.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 AUW autopilots, correlation sonar velocity logs and POSCOM multi user, wide area navigation system.

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

---

**CLS**
8-10 Rue Hermes, Parc Technologique du Canal, Ramonville Cedex, 31526, France
Tel: +33 561 394 720
Fax: +33 561 394 797
Web: www.cls.fr

Over 3000 drifting buoys, profiler floats and other oceanographic platforms monitored worldwide. Extremely robust satellite data collection system especially 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 monitoring and protecting the environment.

**Exhibiting on the Service Argos Booth.**

**Keywords:** Data Acquisition/Management; Earth Sciences; Environmental Monitoring; Environmental/Pollution; Group Positioning Systems; Ocean Observation; Remote Data Acquisition; Satellite Communications

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**CODAR Ocean Sensors**
1000 Fremont Avenue, Suite 145, Los Altos, California, 94024, United States
Tel: +1 650 773 8240
Fax: +1 650 773 0514
Web: www.codaros.com

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

**Keywords:** Coastal Monitoring; Coastal Protection; Current Meters; Environmental Measurement; Environmental Monitoring; Ocean Modelling; Ocean Mapping; Radio Equipment

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**Colmek System Engineering**
2001 South 3480 West, Salt Lake City, Utah, 84104, United States
Tel: +1 801 973 9136
Fax: +1 801 973 9285
Web: www.colmek.com

Provides systems integration and specialized engineering services to research, industry and military customers. We specialize in hardware and software designs for use in rugged environments. Whether undersea or in the air, Colmek can provide a custom solution to your difficult engineering applications.

**Keywords:** Acoustics; Anti Submarine Warfare; Autonomous Underwater Vehicles; Computer Equipment; Computer Software; Data Acquisition/Management; Defence Technology; Electrical Design & Installation; Image Enhancement; Instrumentation Systems; Mineral Prospecting; Mines & MCM; Polar; Remote Data Acquisition; ROVs; Sonar & Systems; Telecommunication; Towed Arrays; Towed Bodies

---

**CodaOctopus**
CodaOctopus - formed with the merger of Coda Technologies, Octopus Marine Systems and Ommitech - are leading 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 F180 Attitude and Positioning System, the 460PX portable high resolution sidescan sonar system and the highly innovative Echoscope 3D imaging sonar.

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

---

**Colmec Limited**
Unit B1, Roman Hill Business Park, Bordon, Hampshire, GU35 0YX, United Kingdom
Tel: +44 (0)305 853 005
Fax: +44 (0)305 852 136
Web: www.cmaxsonar.com

Showing the new CMAX2 sidescan sonar system for the first time in the Americas. The successor to the CM800, the digital CMAX2 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 steed construction.

**Keywords:** Mines & MCM; Sonar & Systems

---

**Coastal Oceanographics Inc**
11G Old Indian Trail, Middlefield, Connecticut, 06455, United States
Tel: +1 860 349 3800
Web: www.coastal.com
Fax: +1 860 349 1982

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 computations, surface modelling, contouring and 3D data visualisation. 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 programe to position the camera in real time, using the position and heading of the vessel in SURVEY. The HYSPACK package allows users to control and process multibeam and multiple transducer systems. The new drawing engine in NAX allows for real time display of vessel position over 5-57, VPF, Ortho TIF, C-MAP, BSB Raster, DXF, DGN, and other chart formats. Coastal also develops DREDGENET for dredging monitoring.

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

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**Coda Technologies**
219 South 3480 West, Salt Lake City, Utah, 84104, United States
Tel: +1 801 973 9285
Fax: +1 801 973 9285
Web: www.cmaxsonar.com

Provides systems integration and specialized engineering services to research, industry and military customers. We specialize in hardware and software designs for use in rugged environments. Whether undersea or in the air, Colmek can provide a custom solution to your difficult engineering applications.

**Keywords:** Acoustics; Anti Submarine Warfare; Autonomous Underwater Vehicles; Computer Equipment; Computer Software; Data Acquisition/Management; Defence Technology; Electrical Design & Installation; Image Enhancement; Instrumentation Systems; Mineral Prospecting; Mines & MCM; Polar; Remote Data Acquisition; ROVs; Sonar & Systems; Telecommunication; Towed Arrays; Towed Bodies

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**Coda Technologies**
219 South 3480 West, Salt Lake City, Utah, 84104, United States
Tel: +1 801 973 9285
Fax: +1 801 973 9285
Web: www.cmaxsonar.com

Provides systems integration and specialized engineering services to research, industry and military customers. We specialize in hardware and software designs for use in rugged environments. Whether undersea or in the air, Colmek can provide a custom solution to your difficult engineering applications.

**Keywords:** Acoustics; Anti Submarine Warfare; Autonomous Underwater Vehicles; Computer Equipment; Computer Software; Data Acquisition/Management; Defence Technology; Electrical Design & Installation; Image Enhancement; Instrumentation Systems; Mineral Prospecting; Mines & MCM; Polar; Remote Data Acquisition; ROVs; Sonar & Systems; Telecommunication; Towed Arrays; Towed Bodies
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One word – Quality.

The only product-line used from nuclear submarines to the Space Shuttle.

Available in liquid, gel, and grease forms. Penetrates to base metal and cable core. Displaces rust. Where surfaces are heavily corroded acts as descaler.

National stock numbers listed where applicable to type of FLUID FILM and container size.

<table>
<thead>
<tr>
<th>Tank Coatings, Rudder, and Void Preservatives, Appendage Protection</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FLUID FILM Liquid A</strong></td>
<td></td>
</tr>
<tr>
<td>Applied by spray, flotation, fill and drain, or brush. Use as a descaler over heavily corroded surfaces. Up to 2 years service.</td>
<td></td>
</tr>
<tr>
<td>NSN-8030-01-387-1051</td>
<td>5-gal. pail (20 liter)</td>
</tr>
<tr>
<td>NSN-8030-01-386-3877</td>
<td>1-gal. 4/case</td>
</tr>
<tr>
<td><strong>FLUID FILM Liquid AR (semi-liquid)</strong></td>
<td></td>
</tr>
<tr>
<td>Applied by spray or brush over moderately corroded surfaces after removal of thick rust scale. Up to 3-5 years service.</td>
<td></td>
</tr>
<tr>
<td>NA</td>
<td>5-gal. pail (20 liter)</td>
</tr>
<tr>
<td>NSN-8030-01-381-7311</td>
<td>1-gal. 4/case</td>
</tr>
<tr>
<td><strong>FLUID FILM Gel BW</strong></td>
<td></td>
</tr>
<tr>
<td>Applied by spray or brush over rusted surfaces. Long term protection. Up to 3-10 years service; submersibles to 20 years.</td>
<td></td>
</tr>
<tr>
<td>NA</td>
<td>5-gal. pail (20 liter)</td>
</tr>
<tr>
<td><strong>FLUID FILM Gel BEW</strong></td>
<td></td>
</tr>
<tr>
<td>Applied to external appendages and components by brush.</td>
<td></td>
</tr>
<tr>
<td>NSN-8030-01-381-3160</td>
<td>5-gal. pail (20 liter)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wire Rope Dressings</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FLUID FILM Liquid A</strong></td>
<td></td>
</tr>
<tr>
<td>Applied by lubricator, glove, or dipping. Core penetration without lubricator.</td>
<td></td>
</tr>
<tr>
<td>NSN-8030-01-387-1051</td>
<td>5-gal. pail (20 liter)</td>
</tr>
<tr>
<td>NSN-8030-01-386-3877</td>
<td>1-gal. 4/case</td>
</tr>
<tr>
<td><strong>FLUID FILM WRN-EP (extreme pressure)</strong></td>
<td></td>
</tr>
<tr>
<td>Commercial dressing applied by lubricator or glove.</td>
<td></td>
</tr>
<tr>
<td>NA</td>
<td>5-gal. pail (20 liter)</td>
</tr>
<tr>
<td><strong>FLUID FILM WRO-EP (extreme pressure)</strong></td>
<td></td>
</tr>
<tr>
<td>Government specification Mil-G-18458 (SH) applied by lubricator or glove.</td>
<td></td>
</tr>
<tr>
<td>NSN-9159-00-530-6814</td>
<td>35 lb. pail (15.5 kg)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General Maintenance Aerosol/Non-Aerosol</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FLUID FILM AS (aerosol)</strong></td>
<td></td>
</tr>
<tr>
<td>NSN-8030-01-387-1131</td>
<td>11-3/4 oz. 12/case</td>
</tr>
<tr>
<td><strong>FLUID FILM NAS (non-aerosol)</strong></td>
<td></td>
</tr>
<tr>
<td>NSN-8030-01-381-6357</td>
<td>12 oz. 12/case</td>
</tr>
<tr>
<td>NSN-8030-01-386-3871</td>
<td>1-gal. 4/case</td>
</tr>
<tr>
<td>NSN-8030-01-387-1070</td>
<td>5-gal. pail (20 liter)</td>
</tr>
</tbody>
</table>
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Keywords: Data Acquisition/Management; Plotters; Sub-bottom Profile Equipment

ESRI  Booth 812
Professional Services, 380 New York Street, Redlands, California, 92373, United States.
Tel: +1 760 506 9515
Web: www.esri.com
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Keywords: Bathymetry; Computer Software; Data Acquisition/Management; Earth Sciences; Electronic Charting; Environment including Modeling; Meteorology; Oil Spill Counter; Measures; Tracking Software

Eureka Chemical Co  Booth 809
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Tel: +1 650 761 3536
Web: www.eurekafilm.com
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Keywords: Corrosion Detection & Protection

Euroceangie S.A.  Booth 213
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Tel: +33 442 39 49 16
Web: www.macartney.com
Exhibiting on the Macartney A/S Booth.

Evologics GmbH  Booth 218
Storkower Str. 207, Berlin, D-10369, Germany
Tel: +49 30 31472658
Web: www.evologics.de
High performance spread-spectrum hydroacoustic communication systems for deep and shallow water channels.

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

Falmat Inc  Booth 137
1873 Diamond Street, San Marcos, California, 92069, United States
Tel: +1 760 471 5400
Web: www.falmat.com
Manufacturer of custom electrical, electromechanical and electro-optical cables for the oceanographic and geophysical markets. Products include ROV, magnetometer, instrumented, video, lighting, sidescan sonar, tow and fiber optic. A leading manufacturer of braid and fiber optics.

Keywords: Cables, Connectors, Fibre Optic

Falmouth Scientific Inc  Booth 322
1400 Route 29A, POB 315, Cataumet, Massachusetts, 02534, United States
Tel: +1 508 564 7640
Web: www.falmouth.com
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Keywords: Acoustics; Autonomous Underwater Vehicles; Conductivity Meters; Current Meters; Fluorimeters; Oxygen Meters; Salinometers; Sound Velocity Probes; Temperature Measurement; Water Measurement, Sampling; Wave & Water Power

Farnsouder Inc.  Booth 229
95 Hatthavskv, Suite 5, Providence, Rhode Island, 02907, United States
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Keywords: Cables, Connectors; Data Acquisition/Management; Fibre Optic

Flotation Technologies Inc  Booth 719
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Tel: +1 207 282 7749
Web: www.fotec.com
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Also Exhibiting is Dunlop Engineering.

Keywords: Beakers & Bups; Buoyancy Materials; Composite Materials; Mooring Equipment; Pressure Testing Facilities

Geological Oceanics  Booth 942
1295 NW 163 Street, Miami, Florida, 33169, United States
Tel: +1 305 621 2982
Web: www.geologicaloceanics.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, Hosts & 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
Web: www.geoacoustics.com
Exhibiting on the Geo-Acoustics Ltd Booth.

Geo-Acoustics Inc  Booth 203
25 Delano Avenue, Suite 200, Revere, Massachusetts, 02151, United States
Tel: +1 781 286 2944
Web: www.geoacoustics.com
Exhibiting on the Geo-Acoustics Ltd Booth.

GeoAcoustics Ltd Indian Branch  Booth 203
503 Arena Corner, Sector 17, Vashi, Navi Mumbai, 400705, India
Tel: +91 222 788 190
Fax: +91 222 788 193
email: geoacousticsindia@totalise.co.uk

Exhibiting on the Geo-Acoustics Ltd Booth.
DSEi 2003 Booth 337
8th Floor, Apex Tower, New Malden, Surrey, KT3 4DQ, United Kingdom
Tel: +44 (0)20 8949 9898 Fax: +44 (0)20 8949 9899 Web: www.dsei.co.uk
DSEi is a key event in the international exhibition calendar and offers a unique combination of exhibits, displays, equipment demonstrations, workshops 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.

Exhibiting on the Spearhead Exhibitions Booth.

Keywords: Exhibitions/Events/Conferences; Information Services

Dunlaw Engineering Limited Booth 719
Thainstone Business Centre, Inverurie, Aberdeenshire, Scotland, AB51 2TB, United Kingdom
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Web: www.dunlaw.com
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Exhibiting on the Floating 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
Web: www.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.

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
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 sonar.

Also exhibiting is ORE Offshore.

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

EGS (International) Ltd Booth 427
Woolmer Way, Bordon, Hampshire, GU35 9QE, United Kingdom
Tel: +44 (0)1420 489329 Fax: +44 (0)1420 489434
Web: www.eggsurvey.com
The EGS group undertakes worldwide marine survey, oceanography and 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 and offers a full range of post processing and mitigation options. EGS works in freshwater, coastal and ocean environments 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 Scanning; Environmental Measurement; Geology,Geophysics; Hydrographic Survey Software; Seabed Sampling; Seismic Survey; Survey; Water Measurement, Sampling

EIVA A/S Booth 209
Teglbakkev. 8-10, Hasselager, DK 8361, Denmark
Tel: +45 8628 2011 Fax: +45 8628 2111
Web: www.eiva.dk
EIVA is a market leader in software, products and systems for the marine industry. The software suite comprising NaviPac, NaviScan, Contour, NaviEdit, NaviModel and NaviChart is well proven and recognized within the marine survey industry. We integrate systems for marine surveying as well as environmental and oceanographic monitoring.

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, Ebble 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
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 communication industries. Carry out prototype, conventional, small, medium and large batch CNC machining.

Keywords: Booms; Cables, Connectors; Composite Materials; Marine Coatings; Markers; Mooring Equipment; Pressure Vessels; Submersible Equipment

Emerson & Cuming Composite Materials Inc Booth 723
59 Walpole Street, Canton, Massachusetts, 02021, United States
Tel: +1 781 821 4250 Fax: +1 781 821 0737
Web: www.emerson.com
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; Launch & Recovery Equipment; Ocean Modelling; ROV; Seismic Survey; Towed Arrays; Transponders; Umbilicals

ENDECO/YSI Inc Booth 841
13 Atlantic Drive, Marion, Massachusetts, 02738, United States
Tel: +1 508 748 0366 x 242 Fax: +1 508 748 2543
Web: www.ysi.com
email: race@ysi.com
Provides complete turnkey systems solutions, typically buoyys, to measure water quality and quantity. Real Time data from YSI Sondes with C, T, DO, pH, turbidity, chlorophyll, depth and from the SonTek acoustic doppler doppler products, can be telemetered via UHF cellular or satellite. Also manufacture a complete line of towed underwater vehicles and V-Fins.

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 internships/fellowship programs in collaboration with government agencies, nonprofits and private companies.

Keywords: Personnel & Recruitment

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

Keywords: Marine Communications; Satellite Communications; Telecommunications

Keywords: Calibration Devices; Instrumentation Systems; Sensors; Transducers

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

Oceanology International Americas 2003
CORE/NOPP
1755 Massachusetts Ave NW, Suite 800, Washington, District of Columbia, 20036, United States
Tel: +1 202 332 0063
Web: www.coreocean.org
email: jkopelson@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

CRP Balmoral Inc
1902 Rankin Road, Houston, Texas, 77073, United States
Tel: +1 713 780 0600
Web: www.balgmupint.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.

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Designers and producers of specialty cables, ropes and umbilicals utilising synthetic and steel strength members. Leading producers of specialty products using Kevlar, Vectran and Spectra and Zylon. The Cortland Companies are Cortland Cable Company Inc. Cortland Fibron BX Ltd and Puget Sound Rope Inc.
Keywords: Cables, Connectors; Ropes & Chains; Umbilicals

C-Products Ltd
27 Woolmer Way, Bordon, Hants, GU35 9QE, United Kingdom
Tel: +44 (0)1420 488 083
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www.C-Products.com.uk will be displaying their proprietary C-Boom and C-View systems. C-Boom LVB is the latest innovation in boomers. A lightweight, low voltage system, with a catamaran mounted source, providing quality sub-seafloor geology at a competitive price. C-View SDMP is a ‘windows’ based system, accepting multiple inputs; it facilitates acquisition, review, interpretation, charting, reporting and imaging of the data.

The US arm of the internationally recognised CRP Group Ltd offers engineering, project management and local support and development of the whole Group’s activities.
Keywords: 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

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GeoAcoustics Ltd
Shuttleworth Close, Capton Hall Industrial Estate, Great Yarmouth, Norfolk, NR31 ONQ, United Kingdom
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Fax: +44 (0)1493 651100
Web: www.geoacoustics.co.uk
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Also Exhibiting are GeoAcoustics 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 Equipment.

GeoAcoustics Ltd Booth 203

Geometrics
2190 Fortune Drive, San Jose, California, 95131, United States
Tel: +1 408 954 0522
Fax: +1 408 954 0902
Web: www.geometrics.com
email: sales@mail.geometrics.com

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 imaging and resistivity systems.

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

Geometrics Booth 707

Geonav Marine Systems
11211 Katy Freeway, Suite 430, Houston, Texas, 77079, United States
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Keywords: Geology, Geophysics; Instrumentation Systems; Magnets & Magnetometers; Marine Surveyors; Mineral Prospecting; Seismic Survey; Sensors; Towed Arrays; Towed Bodies.

Geonav Marine Systems Booth 454

Harvey-Lynch Inc
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: roger@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, Schomert, 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.

Harvey-Lynch Inc Booth 209

Hydro Projects Inc
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.

Hydro Projects Inc Booth 454

Hydroid Inc
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. With 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.

Hydroid Inc Booth 234

Hydroquip
Hydropark, Tenn Place, Denmore Road, Bridge of Don, Aberdeen, AB22 8JX, United Kingdom
Tel: +44 (0)31224 828 321
Web: www.hydroquip.ltd.uk
email: info@hydroquip.ltd.uk

Hydroquip has a 50% stake in Survey Equipment Services in Houston. Exhibiting on the Survey Equipment Services Booth.

Keywords: Acoustics; Bathymetry; Computer E...
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Hydrovision Ltd
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AB21 0GP, United Kingdom
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Web: www.hydrovision.co.uk email: rovs@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
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,
salinity, etc) and boreholes.
Exhibiting on the General Oceonics Booth.
Keywords: Calibration Devices; Data Acquisition/Management; Environmental
Measurement; Fluorometers; Oxygen Meters; Remote Data Acquisition;
Salinometers; Sensors; Temperature Measurement; Water Measurement,
Sampling

IEC Corporation
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channel count available (up to 40). IEC can easily build an electro-optical unit to
meet your exact electrical and optical specifications.
Keywords: Cables, Connectors; Fibre optic; Instrumentation Systems; Optics; Slip
Rings; Telemetry Equipment; Umbilicals; Underwater Communications; Winches & Accessories

IMarEST Booth 724
80 Coleman Street, London, EC2R 5BJ, United Kingdom
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Web: www.imarest.org email: info@imarest.org
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Review), The Marine Scientist, The Journal of Offshore Technology (JOT) and
Maritime IT & Electronics.
Keywords: Hydrography; Personnel & Recruitment; Publications; Training

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Tel: +1 713 849 9192 Fax: +1 713 849 9611
Web: www.innovatum.net email: leticia.coria-vazquez@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
1755 Massachusetts Ave, NW Suite 700, Washington, District of Columbia, 20036, United States
Tel: +1 202 232 3900 x 262 Fax: +1 202 232 3426
Web: www.iodp.org email: iwgso@jiscscience.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 IODP Ocean Drilling Program Booth.
Keywords: Dynamic Positioning; Earth Sciences; Geology, Geophysics; Ocean Observation; Offshore Vessels; Research & Development Institutions; Research Vessels; Seabed Sampling

Interactive Visualization Systems
2 Garland Court, Suite 203, PO Box 69000, Frederiction, New Brunswick, E3B 6C2, Canada
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Web: www.ivs.unb.ca
IVS’s world-class, scientific 3D visualization and analysis software Fledermaus provide innovative, interactive and client-driven solutions and knowledge for surveying, mapping and research. Fledermaus presents intuitive insight into massive geographic data sets of numerous data types promoting professional interaction and collaboration.
Keywords: Autonomous Underwater Vehicles; Bathymetry; Charts & Charting; Coastal Protection; Data Acquisition/Management; Geology, Geophysics; Ocean Observation; Offshore Vessels; Remote Data Acquisition; Research & Development Institutions; Research Vessels; Seabed Sampling

International Ocean Systems
192 Hampton Road, Teddington, Middlesex, TW11 8HA, United Kingdom
Tel: +44 (0)20 8943 4288 Fax: +44 (0)20 8943 4312
Web: www.intoceansys.co.uk email: iosd@msn.com
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 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.
Keywords: Aquaculture; Beacons & Buoys; Coastal Monitoring; Data Acquisition/Management; Environmental Monitoring; Ocean Observation; Offshore Vessels; Remote Data Acquisition; Research & Development Institutions; Research Vessels; Seabed Sampling

International Transducer Corporation
869 Ward Drive, Santa Barbara, California, 93111, United States
Tel: +1 805 683 2575 Fax: +1 805 967 8199
Email: itc-sales@itc-transducers.com
International Transducer Corporation 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 determining systems and data telemetry devices.
Keywords: Acoustics; Defence Technology; Echosounders; Hydro-Acoustics; Hydrophones; Sensors; Sonar & Systems; Sub-bottom Profile Equipment; Towed Arrays; Towed Bodies; Transducers; Transponders; Underwater Communications
John Hopkins University/  
Applied Physics Laboratory  
Booth 543
11100 Johns Hopkins Road, Laurel, Maryland, 20723-6099, United States  
Tel: +1 240 228 6874  
Web: www.jhnapl.edu  
email: Sezin.feher@jhnapl.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 modeling are demonstrated.”

Keywords: Acoustics; Coastal Monitoring; 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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Fax: +1 250 729 8077  
Web: www.inuktun.com  
email: inuktun@inuktun.com  
Specializes in the design, engineering and manufacturing of compact, remotely operated robotic inspection systems and components. For operation within confined, underwater and hazardous environments they provide standardized, modified and/or custom products and systems to meet almost any inspection and/or tooling requirements.

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

IXSEA OCEANO  
Booth 509
Rue Rivoallon, Sainte-Anne du Portzic, Brest, 29200, France  
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Fax: +33 298 340112  
Web: www.ixsea-oceano.com  
email: anne-laure.milhe@ixsea-oceano.com  
Specializes 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 construction projects. Product range now includes the MAGIS magnetometer.

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

John W Fisk Company  
Booth 650
4833 Contint. Suite 200, New Orleans, Louisiana, 70119, United States  
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Keywords: Insurance.

JOI - Joint Oceanographic Institution  
Booth 834
1755 Massachusetts Ave NW, Integrated Ocean Drilling Program  
Suite 700, Washington, District of Columbia, 20036, United States  
Tel: +1 202 232 3900  
Web: www.joidp.org  
email: info@joidpscience.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.joidp.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 Sealing.

Klein Associates Inc  
Booth 815
11 Klein Drive, Salem, New Hampshire, 03079-1249, United States  
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There will be sample CDs available to experience the system’s software, features and view sample imagery on your own computer.

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  
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Web: www.knudsenengineering.com  
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Keywords: 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  
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Web: www.kongsberg-simrad.com  
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A leading supplier of advanced marine 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. Kongseth 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 sonar.

Also exhibiting is L-3 Communication Seabean Instruments.

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

L-3 Communication Seabean Instruments  
Booth 237
344 Vanderbilt Avenue, Norwood, Massachusetts, 02062, United States  
Tel: +1 508 660 6611  
Fax: +1 508 660 6622  
Web: www.seabean.com  
email: billings@seabean.com  
Exhibiting on the L-3 Communications ELAC Nautik GmbH Booth.

Keywords: Acoustics; Bathymetry; Echo Sounders; Hydro-Acoustics; Hydrography; Mapping Systems; Ocean Modelling; Signal Processing; Sonar & Systems; Transducers.
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**LSU School of the Coast & Environment**

School of the Coast & Environment, E302, Howe-Russell, Baton Rouge, Louisiana, 10803, United States

Tel: +1 225 578 3516
Web: www.lsu.edu
Fax: +1 225 578 5328
Email: jjriest@lsu.edu

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 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.

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

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**Louisiana Coastal Wetlands Conservation and Restoration Task Force**

Johnson Control World Services, U.S.G.S. National Wetlands Research Center, 700 Cajun Drive, 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 in Louisiana.

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

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**MaCartney A/S**

Gl. Guldbagenvej 48, Edsberg V, DK-6710, Denmark

Tel: +45 7613 2000
Web: www.macartney.com
Fax: +45 7511 7220
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 multiplexer systems.

Also Exhibiting are EurOceannique, Hydrovision, Mac-artney 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

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**MaCartney Benelux BV**

Westhavenkade 86, Vlaardingen, 3133 AV, Netherlands

Tel: +31 10 2041166
Web: www.macartney.com
Fax: +31 10 2480806
Email: mac-nl@macartney.com

Exhibiting on the Macartney A/S Booth.

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**MaCartney Norge AS**

Strandsvingen 3, Stavanger, 4032, Norway

Tel: +47 5195 1800
Web: www.macartney.com
Email: mac-no@macartney.com

Exhibiting on the Macartney A/S Booth.

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**MaCartney Offshore Inc.**

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

Tel: +1 713 266 7575
Web: www.macartney.com
Email: offshore@macartney.com

Exhibiting on the Macartney A/S Booth.

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**MaCartney UK Ltd**

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

Tel: +44 (0)1224 358500
Web: www.macartney.com
Email: mac-uk@macartney.com

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- 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

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 and 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.

RANGE FINDERS

Miros 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 
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
52 W Beaver Creek Road #16, Richmond Hill, Ontario, L4B 1L9, Canada
Tel: +1 905 709 3135
Fax: +905 709 0805
Web: www.marinemagnetics.com
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
PO Box 730, White Marsh, Virginia, 21138, United States
Tel: +1 804 693 9602
Fax: +1 804 693 6785
Web: www.marinesonic.com
MST manufactures the Sea Scan 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, magnum or miniaturized for AUV/ROV applications.
Keywords: Autonomous Underwater Vehicles; Defence Technology; Rescue & Survival Equipment; ROV; Sonar & Systems

Materials Systems Inc
543 Great Road, Littleton, Massachusetts, 01460, United States
Tel: +1 978 486 0404
Fax: +1 978 486 0706
Web: www.materialsystemsinc.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. MS's piezocomposite technology offers high receive sensitivity, high source levels, low self-noise and full ocean depth performance. Also exhibiting is Farsounder Inc.
Keywords: Acoustics; Bathymetry; Engineering Design; Hydrophones; Non-Destructive Testing; Sensors; Sonar & Systems; Transducers; Underwater Communications

MBT GmbH
Wischofstraße 1 - 3, Gebäude 1, Kiel, 24148, Germany
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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 McCaigGroup, an international leading supplier of marine technology.
Exhibiting on the Macartney A/S Booth.
Keywords: Coastal Monitoring; Coastal Protection; Current Meters; Data Acquisition/Management; Environmental Measurement; Hydrography; Instrumentation Systems; Remote Data Acquisition; ROVs; Telemetry Equipment; Towed Bodies

Mercator Inc
11211 Katy Freeway, Suite 430, Houston, Texas, 77079, United States
Tel: +1 713 464 4353
Fax: +1 713 464 2762
Web: www.mercat.com
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 service.
Exhibiting on the Geonav Marine Systems Booth.
Keywords: Global Positioning Systems

METOCEAN Data Systems
21 Thornhill Drive, Dartmouth, NS, B3A 1R9, Canada
Tel: +1 902 468 2505
Fax: +1 902 468 4442
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
1201 Elmwood Park, MS 5060, New Orleans, Louisiana, 70123, United States
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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; Geophysics; Government Organization; Ocean Modelling; Ocean Observation; Oceanography; Oil Spill Counter-Measures; Publications; Risk Assessment; Seabed Sampling; Seismic Survey

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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

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MSU/ERC, Bldg 1103, Rm 233, Stennis Space Center, Mississippi, 39529, United States
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Web: www.erc.msstate.edu email: mehra@erc.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
Oceanography conducts a program of satellite missions and research projects to establish 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; Satellites; Navigation; Satellite Remote Sensing

**NASA/JPL Ocean Surface Topography**

Jet Propulsion Lab, TOPEX/Poseidon

2300 N. Wiltshire Dr, Suite 4404, Beverly Hills, California, 90215, United States

Tel: +1 312 281 5548

Fax: +1 312 281 5506

Web: www.jpl.nasa.gov

NASA’s Jet Propulsion Laboratory, in collaboration with the French Space Agency, employs 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. JPL's innovative array of ocean observation platforms includes Jason-1, launched in 2001, and continues to support the TOPEX/Poseidon mission begun in 1992. Superior data quality, combined with increased spatial and temporal coverage, supports research into climate and weather patterns. Jason's multi-mission program augments NSIDC's Argo Array, providing critical ocean monitoring information in support of other renewable energy and global climate studies.

**Keywords:** Earth Sciences; Oceanography; Meteorology; Ocean Modelling; Ocean Observation; Remote Data Acquisition; Satellite Remote Sensing

** bà^

**National Imagery and Mapping Agency**


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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 the 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**

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

Tel: +1 228 688 4384

Fax: +1 228 688 5743

Web: www.pao.nmoc.mil

email: willisc@nmoc.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.

**Keywords:** Bathymetry; Environmental Modelling; Government Organization; Hydrography; Meteorology; Navigation; Ocean Modelling; Survey

**Naval Research Laboratory**

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

Tel: +1 228 688 5328

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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 modeling, acoustic and oceanographic computational instrumentation, and analysis and testing are just a few examples of the wide scope of research and development conducted by NRL SSC.

**Keywords:** Acoustics; Geology/Geophysics; Ocean Observation; Research & Development Institutions; Wave & Wave Power

**Neptune Oceanographics Ltd**

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

Tel: +1 985 649 7252

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**Exhibiting on the Aquatec Group Booth.**

**Keywords:** Acoustics; Coastal Monitoring; Consultancy Services; Environmental Monitoring; Fluorimeters; Measuring Services; Ocean Observation; Sensors; Water Measurement; Sampling

**Neptune Sciences Inc**

22-21 Minami-iikebukuro, Toshima, Tokyo, 171-0022, Japan

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

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**Keywords:** Acoustics; Depth Indicators & Recorders; Mooring Equipment/Pressure Sensors; Water Measurement, Sampling

**NOAA**

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

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

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

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Exhibiting on the Alec Electronics Booth.

Keywords: Conductivity Meters; Environmental Measurement; Fluorometers; Temperature Measurement

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Keywords: Meteorology; Oceanography; Research & Development Institutions

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Also Exhibiting are DSEI, Offshore Europe and OceanSp@ce.

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

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**Keywords:** Acoustics; Antennae; Current Meters; Geology, Geophysics; Navigation; Plotters; Profiling Systems; ROVs; Sonar & Sensors; Sub-bottom Profile Equipment; Swell Compensators; Tracking Software; Transponders; TV & Video Systems; Underwater Communications

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**Keywords:** Coastal Monitoring; Environmental Measurement; Instrumentation Systems; Mooring Equipment; Nutrient Analysers; Pollution Control; Submersible Equipment

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**Keywords:** Coastal Monitoring; Consultancy Services; Data Acquisition/Management; Environmental Measurement; Environmental/Pollutants; Geology,Geophysics; Offshore Vessels; Remote Data Acquisition; Research Vessels; Risk Assessment; Survey

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All members are entitled to exercise the rights and responsibilities of active participation in the Society, including the vote. All applications for membership are subject to approval by the Society's membership committee. To obtain more information about membership benefits as well as a membership application, visit the membership page on the TOS website: www.tos.org/membership.htm, or contact the Society directly at the address below.

The Oceanography Society
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We address compelling oceanographic/environmental questions through interdisciplinary research. We study both natural and anthropogenic factors that impact the world’s oceans, the biota that inhabit them, and the geology of the basins that contain them in diverse environments - from estuaries to deep ocean basins.
Keywords: Oceanography; Environmental Measurements; Earth Sciences; Ecology; Geology; Oceanography; Ocean Observation; Satellite Remote Sensing; Training

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Keywords: Autonomous Underwater Vehicles; Data Acquisition/Management; Earth Sciences; Environmental Measurements; Hydrography; ROVs; Satellite Navigation; Survey; Tracking Software

Thales Navigation
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Exhibiting on the Thales Geosolutions Booth.
Keywords: Bathymetry; Dynamic Positioning; Global Positioning Systems; Gyrocompasses; Marine Civil Engineering; Navigation; Positioning Systems; Satellite Navigation; Survey; Tide Gauges

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Founded in 1988 to disseminate knowledge of oceanography and its application through research and education, to promote communication among oceanographers, and to provide a constituency for consensus-building across all the disciplines of the field. The Oceanography Society is a non-profit, tax-exempt organization.
Keywords: Publications

Trimble Navigation
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Keywords: Global Positioning Systems; Gyrocompasses; Hydrographic Survey Software; Land Reclamation Projects; Navigation; Seismic Surveying; Tracking Software

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Exhibiting on the Subsea Technologies Booth.
Keywords: Acoustics; Bathymetry; Cameras; Conductivity Meters; Defence Technology; Echo Sounders; Profiling Systems; Sonar & Systems; Sub-bottom Profile Equipment; Underwater Communications

Triton Elcis International Inc
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Keywords: Bathymetry; Computer Equipment; Computer Software; Data Acquisition/Management; Hydrographic Survey Software; Mapping Systems; Seismic Survey; Sonar & Systems; Sub-bottom Profile Equipment; Survey

Ultra Electronics Sonar & Communication Systems
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Ultra Electronics is a group of specialist business designing, manufacturing and supporting electronics and electromechanical systems, sub-systems and products for international defence, scientific, and commercial markets.
Keywords: Acoustics; Bathymetry; Electrical Design & Installation; Hydrography; Mines & MCM; Non-Destructive Testing; Records; Digital & Graphic; Sonar & Systems; Telemetry Equipment; Ultrasonic Testing

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Underwater Contractor International (UCI) is a high-quality bi-monthly publication catering for the commercial underwater industry. A Diver Group publication, UCI is recognised by governmental, commercial and learned organizations as a primary vehicle for communicating with and disseminating information to the whole industry.
Exhibiting on the International Ocean Systems Booth.
Keywords: Publications

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Keywords: Acoustics; Anti Submarine Warfare; Artificial Intelligence; Autonomous Underwater Vehicles; Cameras; Diving; Hydrographic Survey Software; Sensors; Sonar & Systems; TV & Video Systems; Underwater Communications
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Keywords: Bathymetry; Coastal Monitoring; Conductivity Meters; Current Meters; Depth Indicators & Recorders; Echo Sounders; Environmental Measurement; Flow Meters; Hydrological Instruments; Instrumentation Systems; Profiling Systems; Salinometers; Sensors; Sound Velocity Probes; Tide Gauges; Velocimeters; Water Measurement, Sampling; Wave & Wave Power

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Keywords: Cartographic Materials; Coastal Monitoring; Coastal Protection; Mapping Systems; Offshore Vessels; Port & Harbour Development; Salvage; Seabed Sampling; Telecommunications

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Keywords: Coastal Protection; Diving; Marine Surveyors; Non-Destructive Testing; Position Fixing Systems; Rescue & Survival Equipment; ROVs; Salvage; Surveillance; TV & Video Systems

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Keywords: Acoustics; Current Meters; Echo Sounders; Hydro-Acoustics; Instrumentation Systems; Profiling Systems; Sensors; Sonar & Systems; Sound Velocity Probes; Transducers; Velocimeters