GLOUCESTER HARBOR MARINE INDUSTRIAL AND BIOSCIENCE SURVEY

October 2012

A research project completed under the auspices of Maritime Gloucester, initiated by the Mayor's Maritime Economy Working Group Chaired by Sarah Garcia, Gloucester Harbor Planning Director, and funded by GUSTE, an informal group of local scientists and biotechnology executives, and involved citizens with an interest in diversifying the Gloucester marine economy by bringing marine research and biotechnology to the City. The project was conducted by Thor Akerley, a summer intern and senior at Clark University, supervised by Peter Feinstein, a member of GUSTE, and Tom Balf, Director of Maritime Gloucester, Inc. Both are members of the Maritime Economy Working Group.

The goal of the project is to produce a guide to understanding the options for the economic development of Gloucester Harbor which maintain its historic fishing and maritime culture while making optimum use of the economic and human resources at hand.

Introduction

On November 15 and 16, 2011, the City of Gloucester partnered with the Metropolitan Area Planning Council (MAPC) to host a summit to explore the potential for development and revitalization around Gloucester's Harbor , America's oldest seaport, under the title of The New Maritime Port Economy, March 2012 ("The Summit Report" See: http://gloucester-ma.gov/DocumentCenter/Home/View/1086.)

The purpose of the Summit and the resulting report was to seek and suggest new, desirable areas of potential economic growth that could expand upon the assets, skills and expertise of the existing fishing and maritime economy of Gloucester. The resulting Summit Report that the economic assets of Gloucester Harbor could power a controlled and complementary transition towards maritime-related service industries based on its traditional industrial base of harvesting and processing wild fish.

As stated in the introduction to the report:

> *The purpose of the Summit and the resulting report is to suggest new, desirable industry areas that will not diminish the maritime character of the Cape area, which is embodied in the continued presence of the fishing industry, while providing employment leveraging the local skill set and able to attract our youth.*
>
> *This transition parallels the shift of much of the Massachusetts economy over recent decades away from foundries, shoemaking, and garment and fabric manufacture, through a brief period of manufacturing computers and peripherals, to the current innovation and production model, led by such industries as healthcare (in all of its permutations, including biotechnology and medtech), education, research and development, and finance.*
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> *This model rests on three of the State's most important resources, the productivity of its educational and research institutions, its highly educated population, and its environment of innovation, which must be sustained and linked to the production of new goods and services. It was the embrace of this economic model that allowed the region to find prosperity after the collapse of a manufacturing sector undermined by high labor and transportation costs, and the shift to personal computers. The equivalent shift for Gloucester would be towards many of the industries presented and discussed at the Summit including"marine instrumentation and equipment," "marine services (including consulting, technical assistance, engineering and design, testing, mapping, and software systems and supplies,)" "marine sensing," "marine biological research," "high tech marine services," " marine information services,"etc.*

The Gloucester Harbor Marine Industrial and Bioscience Survey was conceived as a database based on the vision of The Summit Report composed of illustrative examples of marine science and technology organizations (e.g., for profit companies, non-profit institutes) that would be potentially relevant to the expansion of the maritime economy of Gloucester. The database was viewed, by the advisors, as both a tool that could be used to sort and analyze these organizations and a foundation for expanding the dataset. While a goal of the database work was to identify companies and organizations that might be conducting work in the "marine biotechnology" space, the definition for inclusion in the database was inclusive of both primary and secondary sectors, such as supporting service and manufacturing communities. Therefore each entry has both a primary listing referring to a limited subset definition to enhance sortability and a secondary listing that refers to a precise sector of relevant activity. The concept of "marine biotechnology" is relatively new terminology that hold special relevance withing the Commonwealth as a parallel to the economic growth of the biotechnology sector over the past three decades.

In the words of The Summit Report:

> *"This model rests on three of the State's most important resources, the productivity of its educational and research institutions, its highly educated population, and its environment of innovation, which must be sustained and linked to the production of new goods and services. It was the embrace of this economic model that allowed the region to find prosperity after the collapse of a manufacturing sector undermined by high labor and transportation costs, and the shift to personal computers. The equivalent shift for Gloucester would be towards many of the industries presented and discussed at the Summit including "marine instrumentation and equipment," "marine services (including consulting, technical assistance, engineering and design, testing, mapping, and software systems and supplies,)" "marine sensing," "marine biological research," "high tech marine services," " marine information services," etc.*
>
> *The Gloucester Harbor Economic Development Plan describes the third industry area of Gloucester Harbor as the maritime economy, defined as the broad range of commercial, industrial, and institutional activities that are supported by the port's maritime assets, both physical and intellectual, but not directly related to fishing and tourism. This portion of the port economy includes marine research, education, and industries related to technology, professional, and creative enterprises. More broadly, this industry cluster is referred to as the Marine Science and Technology cluster and, though it does not currently have a strong presence in the City, Gloucester has much of the natural, locational, and human capital necessary to seize the opportunities presented in this area. Much of*

the summit and this report focus on this cluster as it currently has the greatest growth potential in Gloucester."

The report envisions a marine science and technology cluster based on these technology-defined application of the geographical assets of Gloucester Harbor and the availability of trained mariners. However, this cluster, because it still evolving, is difficult to measure using traditional research methodologies based on government derived data, such as such as traditional listings of SIC or NAIC codes that classify manufacturing and service economic activities. Therefore, information on the MST cluster needs to be derived from primary sources, such as Google searches, industry associations and what few prior research is available.

An opportunity to address this need presented itself in the spring when Maritime Gloucester, on behalf of the Gloucester Maritime Economy Working Group, instituted a summer-intern program. One of the interns, Thor Ackerly, a Gloucester native who was raised in a fishing family, was tasked to build a database over a period of eight weeks include organizations that are representative of the members of the New Maritime Economy and that had potential relevance to Gloucester vis a vis geography, suppliers or service providers. In constructing the database, we took advantage of both Thor's familiarity with Gloucester's fishing heritage and his academic interests in environmental issues as an undergraduate student at Clark University. He was asked specifically to find 300 companies located in the US and Canada appropriate to the economic need and community history of Cape Ann. In particular, we opened the definition of acceptable industries to include technology focused research and development, and the servicing and support of advanced marine technology. If successful, the database would lead to a vision of enterprises capable of complementing, supporting and expanding the existing economy, skill sets and intellectual capital of Gloucester Harbor and transitioning to new maritime economic opportunities.

The Database

Three hundred Marine Science and Technology companies are identified in the database which met a basic definition of "marine industrial" that would enable them to locate on Gloucester waterfront, but which were involved in advance technology. Criteria used to judge such relevant companies and organizations included:

- Marine Science and Technology products and services;
- Research and Development (e.g. prototyping) for emerging technologies such as, but not limited to, tidal power, aquaculture, fish and fish processing, desalination, underwater machinery, underwater vehicles, cabling, transportation, wind power, GIS, oceanography, ocean monitoring);
- Support services, products and activities associated with these types of technologies and sciences, and

- Marine biology and biotechnology

Each entry encompasses the following information:

- Primary sector (See Table 1.)
    - A general listing with 11 broad categories of maritime activity
- Subsector (See Table 2.)
    - A specific listing of a company's activity
- Type of enterprise
    - Public, private or government enterprise
- Suitability Ranking
    - A subjective ranking, with five being the highest, of suitability for location in Gloucester
- Affiliation with Gloucester
    - If the listing is currently in Gloucester
- Location
    - Address,
- Contact information
    - phone, URL, CEO, etc
- Year founded (where available)
- Descriptive information of about 25 words lifted from company materials
- General comments

Table 1. Primary Sectors

Biotechnology	Development
Energy	Research and Development
Equipment & Manufacturing	Research and Education
Fish and Fishing	Services
Marine Engineering	
Materials & Supplies	
Research	

Forty-six "subsectors" were also identified. A full list of subsectors is defined below in Table 2

Table 2. SubSectors

Acoustic	Flotation	ROV
Aquaculture	Genomics	ROV/AUV
AUV	Geophysical	Security
Biotech	Ocean Energy Development	Ship Brokerage
Boat Maintenance	Marine Surveying	Software and Systems Design
Boating Electronics	Marine Engineering	Sonar
Chartering	Marine Science	Subsea Support Services
Commercial Diving	Marine Training	Technology Organization Incubator
Communication	Oceanography	Underwater Cabling
Consulting	Ocean Conservation	Underwater Imaging

Desalination	Ocean Energy	Underwater Instruments
Economic Development	Ocean Measurement Systems	Wastewater Treatment
Environmental Consulting	Ocean Measurement Technology Improvement	Water Technology
Environmental Management	Ocean Measurements	Weather
Fish Assessments	Oceanogragraphy	
Fisheries Research	Power Supplies	

Sorts

The Master Database contains the following sorts, suitable for printing on standard paper, landscape format, performed in the hierarchy as listed:

Company Sort: Sort by: Organization Name
Subsector Sort: Sort by: Subsector/ Primary Sector/State
Primsector Sort: Sort by: Primary Sector/State/Rank from "Most Suitable"
Location Sort: Sort by: State/Subsector/Rank from "Most Suitable"

Sources of Information for the Database

The following datasets, reports and web sites were examined and data extracted for the purpose of generating Gloucester's Marine Science and Technology database.

- American Academy of Underwater Sciences
- Aquaculture Association of Canada
- Boatworkdirectory.com
- Environmental-expert.com
- Gulfbase.org
- Hydrographic Society of America
- MassBio
- Massachusetts Marine Trades Association
- MOTN Members
- Oceancareers.com
- Scripps Institution of Oceanography
- SeaDiscovery.com

❖ UMass Amherst Donahue Institute
"THE MARINE SCIENCE AND TECHNOLOGY INDUSTRY IN NEW ENGLAND." Barrow, Clyde, Rebecca Loveland, and David Terkla. University of Massachusetts Donahue Institute, May 2006. Web. July 2012. <http://www.marinetech.org/OSTO/documents/marinesc05.pdf>.)

Interviews

It is also important to recognize that a number of individuals shared their insights, networks, reports and databases in support of this project. Interviews were conducted of the following individuals

- Earl Meredith, Ph.D, NOAA
- Valerie Nelson, Ph.D.
- Steve Parkes, Maritime Gloucester
- Molly Lutcavage, Ph.D, Large Pelagics Research Center
- Sarah Garcia, City of Gloucester
- Peter Feinstein
- Tom Balf, Maritime Gloucester
- Ronn Garry
- Ann Molloy, Neptune's Harvest
- Ron Smolowitz, Coonamessett Farm Foundation
- DamonCummings,Ph.D

GLOUCESTER HARBOR MARINE INDUSTRIAL AND BIOSCIENCE SURVEY

On the following pages, this report includes listings and relevant sorts of the Gloucester Marine Science and Technology Database. For further information about the report or to obtain a copy of the most current database, please contact Sarah Garcia, Harbor Development Manager, City of Gloucester at sgarcia@gloucester-ma.gov

Sort by: Organization Name

Organization Name	Primary Sector	Subsector	State	Type	Suitability Rank (1-5)	Description
A.I.S. Inc.	Services	Fish Assessments	MA	p	4	AIS is dedicated to the collection of accurate, complete, and reliable marine and ecological data. We supply observers for the collection of catch data on commercial fishing vessels; we also supply observers for deployment on scows and hopper dredges for monitoring endangered species, and we supply inspectors for the recording of disposal data on harbor and waterway dredging operations.
Aanderaa Data Instruments AS	Equipment Manufacturing	Ocean Measurements	MA	p	3	Aanderaa Data Instruments AS (AADI), headquartered in Bergen, Norway, designs, manufactures and sells sensors, instruments and systems for measuring and monitoring in demanding environments. We export more than 80% of our products and services around the world, and we are an international market leader in several of our product areas. Our main market areas are Marine Transportation, Oil and Gas, Aquaculture, Environmental Research, Road and Traffic and Construction.
Advanced Aquaculture Systems Inc.	Fish & Fishing	Aquaculture	FL	p	3	Since 1984, long before it became popular to be “green”, Advanced Aquaculture Systems was designing and supplying recirculating landscape architectural systems. Advanced Aquaculture Systems continues to be at the forefront of innovation by offering our unique proprietary products and creative system designs to landscape architects, munici-

Sort by: Organization Name

						pal and public agencies, contractors, engineers, businesses, universities and homeowners.
Advanced Equipment and Services Inc	Equipment Manufacturing	Water Technology	TX	p	4	ADVANCEES is a global provider of custom skid-mounted water purification equipment such us seawater desalination plants, brackish reverse osmosis units, ultrafiltration, nano filtration and Softeners. These units can come with different options as booster and feed pump skids, electrode-ionization, MM filters, Ozone generators, UV systems, Pre-treatment and post-treatment units. Also we offer a variety of services as commissioning, start-up, membrane chemical cleaning, scada systems, automatic data logging, remote monitoring, unit refurbishment, energy recovery device retrofits, process optimization, consumables, spare parts and trainingWe remove contaminants from untreated water to produce water that is pure enough for its intended use, most commonly human consumption and special industrial application such us Pharmceutical, Boilers, Electronic components, Farms, Power plants, etc.
Aero Tec Laboratories, Inc	Equipment Manufacturing	Aquaculture	NJ	p	5	ATL has specialized in the design and manufacture of custom bladder-type fluid containment systems, including bladder tanks, inflatables, pillows and bellows,for the surface and subsea industry.

Sort by: Organization Name

AeroHydro Inc	Equipment Manufacturing	Software and Systems Design	ME	p	3	AeroHydro, Inc. of Southwest Harbor, Maine, is a pioneer in the field of Computer Aided Design (CAD) for boats and ships, and has served the needs of the marine industry for over 25 years. More than 500 designers and builders worldwide use AeroHydro's computerized 3D and marine design software as an integral tool in their daily business. AeroHydro's flagship marine design software, MultiSurf, is in use in a variety of marine environments; customers include naval architects, boat builders, marine parts fabricators, and CNC machining centers.
AIRMAR Technology Corporation	Equipment Manufacturing	Ocean Measurement Systems	NH	p	2	Airmar's marine and industrial sensors serve a wide range of international markets. Our marine product line includes fishfinder transducers that mount through the hull, in the hull, and on the transom. We also offer temperature sensors, NMEA 0183 sensors, and NMEA 2000® sensors. Our high-performance, 1 kW transducers use broadband technology which enhances overall fishfinder function. Airmar also has a full line of survey-echosounder and portable-survey transducers including models suitable for shallow water, harbor survey, deep water, ocean survey, and sub-bottom profiling. The industrial line includes ultrasonic air transducers for a wide variety of applications including: flow and level measurement, automation control, proximity sensing, tank level sensing, distance measurement, and obstacle avoidance. Factory Mutual (FM) approved transducer models are suitable

Sort by: Organization Name

						for Class l, Division 1 Hazardous Locations. Airmar also offers custom air and marine transducers built to your specifications and integrated sensors. Our WeatherStation Instruments combine readings from an ultrasonic anemometer, temperature sensor, barometric pressure sensor, and humidity sensor, all in a single compact unit without moving parts.
AK Industries	Materials and Supplies	Underwater Cabling	CA	p	5	AK Industries is a small, agile, high tech manufacturer of underwater electrical connectors, splice kits and other electrical products for use underwater. We make the most rugged and reliable low cost connector in the world, period.
All Cape Welding	Services	Marine Engineering	MA	p	4	At All Cape Welding we are committed to providing top quality products. We design and fabricate boat towers, t-tops, and accessories to your specifications. Our facility is equipped to handle aluminum fabrication as well as pipe welding and marine welding for all your boating needs .
Alpine Ocean Seismic Survey	Research and Development	Ocean Measurement Technology Improvement	NJ		3	The goal of the researchers who founded the company was to provide public and private institutions with the latest technologies developed within the university system.

Sort by: Organization Name

American Vibracore Services	Services	Geophysical	FL	p	4	Vibracore Sampling is a modern methodology for retrieving undisturbed segments of marine core environments to evaluate sub-bottom sediments. This method is particularly useful in providing direct sample validation of sub-bottom and seismic profiling efforts. These samples are beneficial to environmental and geotechnical projects including sand resource evaluation related to beach restoration, beach renourishment, stratigraphic research and pre-dredge studies.
Ametek SCP, Inc.	Equipment Manufacturing	Underwater Cabling	RI	p	3	AMETEK SCP, Inc. a world leader in underwater cable and connector solutions for military and commercial applications. AMETEK SCP offers rugged Gigabit Ethernet connectors for explosive shock, vibration, deep submergence or harsh surface environments, glass to metal seals, hull penetrators, MIL-C-24231, MIL-C-24217 connectors, and custom cable assemblies including coax, fiber, power and hybrid designs. Originally founded in 1993 as SEA CON Phoenix, Inc. AMETEK SCP is located adjacent to the Westerly, Rhode Island airport and has Manufacturing and Test capabilities as well as Research and Development staff

Sort by: Organization Name

Aphios Corporation	Biotechnology	Pharmaceuticals	MA	p	3	Aphios Corporation (www.aphios.com) is developing enabling technology platforms to improve the discovery of natural therapeutics and manufacturing of potent bioactive molecules; nanotechnology delivery of siRNA and therapeutic proteins as well as hydrophobic anticancer drugs and other small molecules; and the pathogenic safety of biologics including human plasma, plasma products, recombinant therapeutics and monoclonal antibodies. SuperFluids (SFS), the key and common component of Aphios patented technology platforms, are supercritical, critical or near-critical fluids with or without cosolvents which, when compressed, exhibit enhanced thermodynamic properties of penetration, selection, solvation and expansion. Utilizing these enabling technology platforms, Aphios is developing enhanced therapeutics from a unique library of marine microorganisms and medicinal plants for heath maintenance as well as the prevention and treatment of certain cancers (prostate, breast and ovarian as well as nausea and emesis), infectious diseases (HIV, influenza and MRSA) and CNS disorders (Alzheimers Disease, pain, depression and addiction).
Applied Physical Sciences	Research and Development	Marine Engineering	CT	p	2	The technical staff at Applied Physical Sciences covers a wide range of experience in the physical sciences, mechanical and electrical engineering, applied mathematics, and meteorological and oceanographic systems engineering. We offer services of

Sort by: Organization Name

						applied R&D, modeling and simulation, sensor and system development to government and commercial customers. Our core competencies fall within the following scientific and engineering disciplines: acoustics, hydrodynamics, electromagnetics, signal processing, manufacturing, METOC systems
Applied Science Associates (Asa)	Services	Software and Systems Design	RI	p	4	Applied Science Associates (ASA) is an international leader in the development and application of computer tools to investigate marine and freshwater environments. ASA answers questions about our environment and human interaction within that environment, using computer models, which simulate physical, chemical, and biological processes. ASA identifies timely, reliable, and cost-effective solutions to environmental problems through the integration of Geographical Information Systems (GIS) with environmental data monitoring and modeling.
Aqua Survey, Inc	Services	Environmental Consulting	NJ	p	4	Aqua Survey, Inc. (ASI) is a full service ecotoxicology company founded in 1975. Aqua Survey provides laboratory testing, field sampling, geophysical surveying and consulting services to a wide variety of clients throughout the world including many of the largest U.S. corporations, internationally recognized environmental consulting firms, and public sector agencies.

Sort by: Organization Name

AquaBounty	Research and Development	Aquaculture	MA	p	1	Our mission is to play a significant part in "The Blue Revolution" – bringing together biological sciences and molecular technology to enable an aquaculture industry capable of large-scale, efficient, and environmentally sustainable production of high quality seafood. Increased growth rates, enhanced resistance to disease, better food-conversion rates, manageable breeding cycles, and more efficient use of aquatic production systems are all important components of a sustainable aquaculture industry of the future.
Aquacare Environment, Inc	Equipment Manufacturing	Aquaculture	WA	p	4	Aquacare Environment Inc. supplies controlled environment aquaculture technology to the aquaculture industry. Our team specializes in intensive land-based controlled environment aquaculture systems. Aquacare can develop, design and supply complete fish farms for clients worldwide, and can supply cost effective prefabricated system components to existing farms. Click here to view our PORTFOLIO for some past and present projects. Aquacare was established in 1987 dedicated to developing and marketing cost-effective equipment and systems for modern, intensive land-based fish farming. These systems are based on proven, conservative biological practices, and the integration of specialized equipment components into a fish farm that provides an optimum environment for fish health and growth.

Sort by: Organization Name

Aquamarine Power	Energy	Wave Energy	Scot-land	p	4	We set up Aquamarine Power in 2005 to bring our innovative wave energy technology known as Oyster to the commercial market. Our vision is to make marine renewable energy mainstream.
Aquatic Eco-Systems, Inc	Materials and Sup-plies	Aquaculture	FL	p	3	Many of the top aquatic system designers around the world started using AES' equipment and expertise to build everything from public aquariums to fish hatcheries. The company proved that it was able to serve them while keeping its commitment to less experienced customers and everyday aquatic needs. Further becoming a source for all things aquatic, AES added system design and equipment repairs to its list of services.
Aquatic Robotics, LLC	Equip-ment Manufac-turing	ROV	CT	p	3	Aquatic Robotics, LLC is a small veteran owned business in the state of Connecticut. We provide Remotely Operated Vehicle (ROV) and manned submersible technical support services, operations and engineering. We have an inventory of ROV's for operations, lease and prototyping development support services. We have over 20 years experience ranging from the off shore oil and gas industry, inland operations to scientific support services.

Sort by: Organization Name

AR Engineering	Equipment Manufacturing	Software and Systems Design		p	1	AR Engineering is a global specialist in building and designing fully integrated marine computer systems, that can include computer based integrated bridge systems, virtual instrumentation, chart navigation, radar, sonar, nightvision, entertainment systems, and more. Our attention to detail, coupled with our well thought out, efficient designs set us apart from the rest. We use the latest in computer technology coupled with common sense and the experience to know what really works on the water. Our ability to customize and design the system to your needs adds confidence and safety to your voyage.
Atlantic Hydrokinetics	Energy	Ocean Energy	RI	p	3	
Atlantic Pacific Clearance Corporation	Equipment Manufacturing	Oceanogragraphy	NH	p	4	Marine search systems, integration, planning & conduct, EOD & minewarfare,
Atlantis Technologies	Services	Water Technology	PA	p	4	The mission of Atlantis Technologies is to provide the Specialty Water Treatment Industry with a consolidated, knowledgeable source for their feed equipment needs. Focusing on feed, storage, analysis, and control, Atlantis will furnish the water treatment chemical vendor with the appropriate equipment and expertise to properly apply their products.

Sort by: Organization Name

Australis Aquaculture	Fish & Fishing	Aquaculture	MA	p	3	An award-winning provider of delicious, healthy, sustainable seafood marketed under the banner of The Better Fish® - Better Tasting, Better For You, Better For Our Environment. Our company spearheaded the introduction of Barramundi, the Sustainable Sea Bass™ in North America and has proudly seen it grow from a favorite in Australia to an international culinary trend.
Autonomous Undersea Systems Institute	Research and Education	AUV	NH	np	3	The Autonomous Undersea Systems Institute (AUSI), formerly the Marine Systems Engineering Laboratory (MSEL), is a not-for-profit research institute focused on promoting commercial applications of Autonomous Underwater Vehicles (AUVs), platforms and sensors.
Bay Marine Inc.	Services	Ship Building and Design	RI	p	3	Bay Marine has been dedicated to providing naval architecture and marine engineering services to the small to mid size commercial fleet. As with many companies within the marine industry, Bay Marine has adapted to provide services to the markets most in need at any given time. We have been involved with the design of fishing vessels, oil skimming vessels, research boats, barges, ferries as well as commercial passenger and sail training vessels. We have worked with a variety of materials from steel and aluminum to wood and fiberglass. We pride ourselves on developing unique solutions to solve customersneeds while maintaining cost efficiency in first cost and life cycle costs. We both draw on personal, practical experience in building

Sort by: Organization Name

						vessels, and in Bob's case, operation of vessels. The experience in building/operating and maintaining vessels allows a valuable perspective when designing a boat. We know how to design for ease of assembly and for long term maintenance.
Bedford Institute of Oceanography	Research and Development	Security	NS	gov	3	BIO is a modern oceanographic research facility, established in 1962 by the Federal Government of Canada (the former Department of Mines and Technical Surveys, now Natural Resources Canada) and is located on the shores of the Bedford Basin in Dartmouth, Nova Scotia. Over the last 50 years it has grown to become Canada's largest centre for ocean research. The Institute performs targeted research, mandated by the Canadian government, to provide 'peer' reviewed advice and support to government decision making on a broad range of ocean issues, including sovereignty, safety and security, environmental protection, the health of the oceans, safe and accessible waterways, the sustainable use of natural resources (fisheries, minerals, oil & gas) and the integrated management large ocean management areas.

Sort by: Organization Name

Benthos, Inc	Equipment Manufacturing	Underwater Instruments	MA	p	4	Benthos was founded in 1962 by Samuel O. Raymond in North Falmouth, Massachusetts, a few miles from the research facilities at Woods Hole Oceanographic Institution. During its first three decades, the company placed particular emphasis on supplying underwater equipment to military and government markets. Early in the 1990's, in response to a decline in these markets, the company shifted its priorities to meet the growing needs of commercial markets. These markets include the geophysical industry where Benthos products and systems are used in the search for offshore oil and gas deposits, as well as scientific research and environmental markets.
Bigelow Laboratory for Ocean Sciences	Research and Education	Marine Science	ME	np	3	Bigelow Laboratory for Ocean Sciences seeks to understand key processes driving global ocean ecosystems, their evolution, and their fundamental relationship to life on Earth. The Laboratory's research ranges from microbial oceanography — examining biological productivity and phytoplankton community dynamics in the world's oceans at the molecular level — to the large-scale biogeochemical processes that drive interactions between ocean ecosystems and global environmental conditions.

Sort by: Organization Name

BioCepts International, Inc	Biotech-nology	Aquaculture services	FL	p	4	BioCepts International, Inc. (BCI) is a broadly-based biotechnology development firm founded in 1997 as a Florida corporation. BCI was established to provide a wide assortment of professional biotechnology services related to the aquaculture industry (food and ornamental species), including site selection and design of production facilities, product design, development and evaluation, applied research, technology audits and aquaculture product marketing. While BCI is most known for its commercial shrimp farming development contributions, recently it has focused its aquaculture development resources on commercializing warm water spiny lobster technology.
Biological Environmental Sampling Systems	Equipment Manufacturing	Ocean Measurement Systems	MA	p	4	
BioNutraTech, Inc	Biotech-nology	bio-nutrients	TX	p	2	BioNutraTech, Inc. manufactures and distributes micro-encapsulated bio-nutrients that stimulate microbial activity for advanced commercial, industrial, and environmental bioremediation. Our patented products provide essential nutrients that stimulate and sustain the accelerated growth of highly desirable types of naturally occurring microbes that are already present in targeted wastes. The microbes increase in strength and concentration to convert organic wastes and contaminants into benign products like water and carbon dioxide. BioNutraTech

Sort by: Organization Name

						products restore the environment naturally and are safe and easy to handle.
BioProcessh20	Services	Water Technology	RI	p	2	BioprocessH2O specializes in the engineered modular solutions to water and wastewater treatment challenges in the municipal and industrial markets. We place a high value on water and therefore, we will provide the best solution to meet a given set of application parameters
Birns Aquamate, LLC	Equipment Manufacturing	Underwater Cabling	RI	p	3	BIRNS AQUAMATE LLC manufactures quality underwater electrical connectors, cable assemblies, and cable terminations for offshore diving, oceanographic, seismic exploration, and defense applications. The company produces a wide range of standard industry connectors such as the 5500 Series, SC, MC, LP, FAWL/FAWM, and Rubber Moulded. BIRNS is the only manufacturer to guarantee and warranty connectors that are fully compatible with other manufacturers. The firm also specializes in fast turn-around for custom design of special connector solutions.
Bluefin Robotics Corp.	Equipment Manufacturing	AUV	MA	p	3	Bluefin Robotics develops, builds, and operates Autonomous Underwater Vehicles (AUVs) and related technologies for defense, commercial, and scientific customers worldwide.

Sort by: Organization Name

BlueTech Research	Research and Development	Water Technology	BC	p	3	BlueTech Research provides investors, water companies, researchers and regulators with critical analysis on emerging water technology market areas. We map, analyse and benchmark the water technology innovation landscape, market drivers, emerging areas of innovation, disruptive technologies, company strategies, the regulatory environment, and more. Our scientists and engineers have deep domain expertise, a unique industry perspective, and unrivalled knowledge and understanding of innovative water technologies.
BlueView Technologies	Equipment Manufacturing	Acoustics	WA	p	3	Provides acoustic underwater vision and measurement solutions that enable safe, secure, accurate, and efficient underwater operations.
BMT Scientific Marine Services	Services	Ocean Measurement Systems	CA	p	4	BMT Scientific Marine Services Inc provides integrity and structural monitoring, performance prediction and verification for all types of marine and offshore floating platforms that must operate above and below the waterline. Our dedicated and experienced personnel are committed to quality systems and timely service. We strive to provide technology that is fit for purpose, recognizing that our overarching objective is progress without unnecessary risk.
Bottom Line Echo	Services	Fisheries Related Marine Surveying	GA	p	3	Bottom Line Echo specializes in hydrographic and condition surveys of water bottoms and focuses on providing fast, accurate, professional hydrographic survey information to assist in the logistics of safely berthing vessels and protecting our environment.

Sort by: Organization Name

Brook Ocean Technology	Services	Software and Systems Design	MA	p	4	Brooke Ocean Technology (USA) Inc. provides system engineering, R&D services and hardware to the marine science community.
C & C Technologies, Inc	Services	Marine Surveying		p	1	C & C Technologies, Inc. is a privately-owned international surveying and mapping company specializing in deepwater services, with 600 employees worldwide. Our cutting-edge technologies, inspiring workplace and "can do" attitude endear our clients and attract the industry's leading innovators. C & C services include CCGIS Map, C-Nav GNSS, Geophysical and geosciences survey services, Geotechnical services, Government services, Marine construction survey services, Unmanned systems
Canadian Groundfish Research and Conservation Society	Research and Education	Fisheries Research		p	3	The CGRCS works cooperatively and in partnership with Department of Fisheries and Oceans scientists and managers on research activities and operational programs in support of a healthy and well-managed fishery. The Department of Fisheries and Oceans and the Groundfish trawl industry pioneered the accountability process through the development of the 100% dockside monitoring and at-sea observer programs. The dockside-monitoring program was created in 1994 to accurately account for landed catch. The at-sea observer program was created in 1996 to monitor stock specific species catches and releases and collect biological samples and scientific

						information that assist scientists in assessing the health of Groundfish stocks.
Cape Aquaculture Technologies, Inc.	Research and Development	Aquaculture	MA	p	4	CAT is developing new products such as vaccines and food supplements to produce faster growing and more disease-resistant finfish. The company has established a Narragansett facility to work more closely with scientists at the University of Rhode Island.
Cape Cod Instruments, Inc.	Equipment Manufacturing	Weather	MA	p	4	Hand-crafted on Cape Cod since 1939, Cape Cod® Wind & Weather Indicators let you bring the weather indoors. These quality, precision instruments include the Cape Cod® Wind Speed Indicator (available with optional Peak Gust Register), Cape Cod® Wind Direction Indicator, Cape Cod Marine Barometer, and Cape Codder Clock (available with optional Tide Hand).

Sort by: Organization Name

Cape Shores Welding Inc.	Services	Marine Engineering	MA	p	2	Cape Shores Welding Inc., located on Cape Cod, Massachusetts, provides quality welding services to a wide array of satisfied customers. Richard Zamachaj, owner and operator of the organization, brings to the company 22 years of welding experience servicing the marine, aerospace, nuclear and industrial markets. Rich, and his hand-selected staff of highly trained craftsman, are committed to providing their customers with the highest quality service in a timely and professional manner. This commitment is reflected throughout the company, and is proudly displayed within the company's mission statement: Cape Shores Welding Inc. specializes in precision welding of all ferrous and non-ferrous materials. We are committed to our customers by responding to their production and scheduling requirements while delivering the highest level of welding expertise. Qualified Staff: Cape Shores Welding Inc. understands that its service is only as good as its people, therefore, great care has been taken in selecting highly skilled craftsman with an eye for detail.
CARIS	Services	Software and Systems Design	NB	p	3	CARIS solutions deliver cutting-edge bathymetric innovations, seamless feature data management, product extraction and distribution to support a diverse product range.

Sort by: Organization Name

Carr Research Laboratory Inc	Services	Environmental Consulting	MA	p	4	Carr Research Laboratory, Inc. (CRL) was established in 1974 as an environmental consulting firm focused on creative problem-solving of complex environmental issues. With a well-versed and diversely educated staff, CRL offered a broad range of services and expertise in environmental science and engineering that carried projects from the first site evaluation through permitting and, if necessary, construction monitoring. CRL emphasized quality and efficiency while uniquely tailoring its services to fit customer project needs. CRL routinely worked with landowners, developers, builders, surveyors, civil engineers, attorneys, realtors, architects, landscape architects, municipalities, and other professionals to accomplish the desired project objectives within the parameters of the myriad laws governing land use.
Center for Aquaculture and Environmental Research	Research and Education	Aquaculture	BC	gov	3	The Center for Aquaculture & Environmental Research (CAER) is a specialized centre for aquaculture and coastal research co-founded by Fisheries and Oceans Canada and the University of British Columbia. CAER conducts focused research programs that integrate ecosystem and conservation with sustainable aquaculture practices for growing aquatic species of global importance. Recognized internationally as a centre dedicated to innovative research and education in aquaculture and the marine environment, the six-hectare site offers a unique opportunity for experimental research on fish rearing and indoor-outdoor aquaria.

Sort by: Organization Name

Center for Aquaculture Research and Development	Research and Development	Aquaculture	FL	np	2	The mission of CARD is to develop new, innovative, and cost-effective systems and husbandry techniques to produce high-value marine and freshwater fishes and invertebrates. The goal of this research center is to advance the aquaculture industry and to support and expand stock enhancement research in Florida and worldwide. The Center is currently conducting research, development and commercial demonstration projects with a large number of marine and freshwater species. Marine research is focused on snook, red snapper, red drum, Florida pompano and hard corals. Several projects are underway to investigate the feasibility of growing snook and pompano in low salinity and in freshwater. New species under consideration for aquaculture research include spotted sea trout, long spined-sea urchins and sea horses. Freshwater research is focused on sturgeon aquaculture for caviar and meat production.
Center for Cooperative Aquaculture Research	Fish & Fishing	Aquaculture	ME	p	4	Great Bay Aquaculture of Maine (GBAM) is one of the leading marine fish producers in the USA and the only commercial producer of cod. Using NOAA funding (National Marine Aquaculture Initiative), we are working with GBAM to develop farming strategies for cod in Maine. Between 2007 and 2010 GBAM have transferred over 0.25 million juvenile cod to the CCAR for nursery phase growout before transporting to the lease site in nearby Frenchman Bay. Another critical component of our R&D effort in

Sort by: Organization Name

						cod aquaculture is the Atlantic cod Breeding Program, funded through the NOAA Saltonstall Kennedy Program.
Center for Dark Energy Biosphere Investigations	Research and Education	Marine Science	CA	np	3	National Science Foundation (NSF)-funded Science and Technology Center on the deep subseafloor biosphere. Our mission is to explore life beneath the seafloor and make transformative discoveries that advance science, benefit society, and inspire people of all ages and origins. We are a multi-institutional distributed center establishing the intellectual, educational, technological, cyber-infrastructural and collaborative framework needed for transformative experimental and exploratory research on the subseafloor biosphere
Center for Economic & Environmental Development @ Roger Williams University	Services	Economic Development	RI	p	2	The Center for Economic and Environmental Development (CEED) draws upon the scientific, legal and business resources of the university to promote the economic development of marine industries that are compatible with a healthy environment. CEED encourages innovative environmental stewardship by involving students, faculty and the local community in strategic educational, management and entrepreneurial initiatives that yield a sustainable environment.

Sort by: Organization Name

Center for Fisheries Enhancement	Research and Education	Fisheries Research	FL	np	2	The mission of the Center for Fisheries Enhancement is to substantially increase the knowledge of how to preserve and enhance coastal fish and invertebrate populations. We aspire to become a center that is widely recognized as a world leader in the fields of fisheries ecology, marine fisheries enhancement and fisheries management strategies through achievements in innovative and high-quality research and training, and by promoting sustainable fishing practices. The Center for Fisheries Enhancement was created in 1996, under the name "Fisheries and Aquaculture Research Section". The name was changed to the Center for Fisheries Enhancement in 1998. Mote Marine Laboratory was established in 1955 as the Cape Haze Marine Laboratory, under the direction of Dr. Eugenie Clark. The history of the lab from 1955 through 2008 was published by the journal Gulf of Mexico Science and is available at http://www.mote.org/clientuploads/Documents/MoteMarineLaboratory.pdf
Charles R. Weber Company, Inc.	Services	Ship Brokerage	CT	p	5	Charles R. Weber Company, Inc. is one of the oldest and largest ship brokerage firms in the United States. Established in 1940, the company is an independent full-service shipbroker and marine consultant. With a long and well respected history in the ship brokerage industry to draw on we are constantly striving to better serve our marine clients and ensure that we are at the forefront of the ever chang-

Sort by: Organization Name

						ing global seaborne transportation industry.
Childs Engineering Corp.	Services	Marine Engineering	MA	p	5	Childs Engineering Corporation specializes in waterfront engineering. The services that we provide are focused on projects that are in, on, or near the water. We have built our reputation on providing personal services that result in creative, practical, and efficient solutions to our clients' engineering problems on the waterfront.
Clean Current Power Systems Incorporated	Energy	In-stream Turbines	BC	p	3	We are the Company that develops, licenses and continues to improve the pre-eminent technologies for in-stream turbine electricity generation devices. This means that ours is the technology of choice for power producers and our technologies dominate the in stream power markets. Clean Current Power Systems Incorporated is a private Canadian company that: develops, patents, licenses and continues to improve: technologies for in-stream turbine electricity generation devices (tidal, ocean and river) - fault tolerant generation/motor technologies for low maintenance operation in hostile conditions - coatings methodology to protect copper wire from salt water

Sort by: Organization Name

Clearwater Instrumentation, Inc.	Equipment Manufacturing	Ocean Measurement Systems	MA	p	4	Clearwater Instrumentation manufactures sophisticated, autonomous, oceanographic instruments, called drifters. Drifters operate unattended while floating on the sea surface and relay environmental information to the user by satellite. Meteorologists and oceanographers in research and observational programs use Clearwater drifters to measure ocean surface current velocities and other environmental data from the sea and the atmosphere, anywhere on the world's oceans. We also provide data and consulting services to our clients. Our clients include military and governmental agencies, research institutions, and universities in the US and internationally.
Coady Marine	Services	Chartering	MA	p	3	Boat that services needs of divers, researchers and general engineering practices as well as technical support.
Coastal Planning & Engineering, Inc	Services	Environmental Consulting	FL	p	4	Coastal Planning & Engineering, Inc. (CPE) specializes in comprehensive coastal management using a regional perspective to design sustainable and economically feasible projects. We guide our clients through the permitting process based on a thorough understanding of current regulations and environmental resource concerns as well as relationships with the regulatory agencies built on years of professional respect. We pride ourselves on delivering technologically advanced products that often ex-

Sort by: Organization Name

						ceed industry standards and providing data in a published GIS for the ongoing use of our clients and the regulatory agencies.
Columbia Power Technologies, LLC	Energy	Wave Power	OR	p	4	Columbia Power Technologies, LLC is an independent company founded in 2005 by Greenlight Energy Resources, Inc. In partnership with Oregon State University, the company is engaged in the development and commercialization of wave energy harvesting devices using novel, off-shore, direct-drive permanent-magnet generator topologies. Columbia's management team combines energy industry, engineering, legal, and technology commercialization experience, and is well prepared to be a leader in the field of ocean energy.
Consolidated Water Co. Ltd	Research and Development	Desalination	Cayman Islands	p	4	Consolidated Water Co. Ltd. (the "Company", or "CWCO") designs, builds, operates, and in some cases finances seawater reverse osmosis (SWRO) desalination plants and water distribution systems in several Caribbean countries, where the supply of drinking water is scarce and the use of SWRO is economically feasible.
Conusub	Services	Commercial Diving	RI	p	4	Established in 1983, CONUSUB provides support in the subaqueous environment for Science, Engineering and Government agencies. CONUSUB is unique in its ability to adapt, comprehend and implement the latest technologies. Our experienced staff

						through consultation and coordination meets client objectives safely and on time.
Cooke Aquaculture	Fish & Fishing	Aquaculture	NB	p	4	At Cooke, the environment is a top priority. We are committed to the long-term social, economic and environmental sustainability of the communities in which we operate and the health of the marine resource on which we depend. Through its wholly-owned subsidiaries, Cooke Aquaculture processes and sells more than 160 million pounds of Atlantic salmon, five million pounds of trout and 20 million pounds of sea bass and sea bream each year.
Coonamessett Farm Foundation	Research and Development	Fisheries Research	MA	np	5	Coonamessett Farm Foundation is dedicated to the responsible stewardship and maintenance of the biodiversity of our planet. Our purpose is the development and transfer of appropriate technology in support of farming and fishing communities that are environmentally sound, socially equitable, economically feasible, and compatible with a sustainable future.
Corrosion Control International	Marine Engineering	Corosion Control Systems	CT	p	2	Corrosion Control International (CCI) is recognized as an industry leader in the design, production and installation of inshore and offshore subsea and splash zone corrosion control systems. CCI developed its patented, cold applied Retrowrap® systems for retrofit protection of pilings, risers, and pipelines as an alternative to factory coatings for new underwater construction in remote areas for quick and

						easy installation. Engineered to be the best product on the market, Retrowrap provides years of worry-free protection.
Corvus Energy*	Materials and Supplies	Power Supplies	WA	p	3	We aim for excellence in everything we do. Simply put; we are determined to be the best lithium ion battery company in the world. Our aim is to bring the technology, the reliability and the quality of lithium energy to its full potential. All of our "energy" is focused on building the best batteries. We are confident that you, our valued customers, will appreciate the passion and commitment we bring to meeting your needs. Our state of the art batteries and our full service guarantee will ensure you always choose Corvus to fulfill all of your battery needs.
CR Environmental Inc	Services	Environmental Consulting	MA	p	3	We have extensive experience in hydrographic and geophysical surveying, sediment sampling, wetland delineation, environmental permitting, ecological risk assessment, and environmental monitoring.
Cramer Fish Sciences	Services	Fish Assessments	OR	p	4	Conduct fish population assessments, lead ESA status reviews and consultations, conduct environmental impact assessments. comply with environmental regulations, analyze fish habitat and flow influences, investigate fish passage strategies, simulate fish

Sort by: Organization Name

						population dynamics, conduct watershed analyses, implement habitat restoration projects, monitor fish populations and habitat, and provide expert witness and testimony
Csnet International, Inc	Equipment Manufacturing	Marine Science	FL	p	3	CSA International, Inc. (CSA) specializes in marine sciences and services, with business lines focusing on the following industries: Energy Industry, Coastal Permitting, Coastal restoration and mitigation, coastal and ocean sciences, navy, marine services, planning
Custom Navigation Systems	Equipment Manufacturing	Boating Electronics	CT	p	4	We are committed to long term relationships, and it shows with our clientele. Each has their own special requirements and we work on a personal level to develop that information. We offer different services for different needs. We sell the equipment at favorable prices for those who just want to purchase the hardware. For those who want "to do it themselves" we sell the equipment, providing all the technical drawings for them to follow as they install the system, and then we do the final hook-ups and testing.
Dampney Company, Inc.	Marine Engineering	Materials and Supplies	MA	p	3	Dampney Company, Inc. of Everett, Mass., has designed, developed, manufactured, and distributed engineered coating systems for specialized applications. Dampney serves the refining, petro chemical, chemical processing, oil & gas, pipeline, power, OEM, pulp & paper, and materials processing markets.

Sort by: Organization Name

Dauphin Island Sea Lab	Research and Education	Marine Science	AL	np	5	As a marine laboratory the DISL's mission encompasses marine science education, marine science research, coastal zone management policy and educating the general public through the Estuarium, DISL's public aquarium. Founded in 1971 by the State Legislature, the Dauphin Island Sea Lab (DISL) is Alabama's marine science education and research laboratory. Located on the eastern tip of Dauphin Island, a barrier island in the Gulf of Mexico, the DISL is surrounded by Mobile Bay, Mississippi Sound and the waters of the Gulf, making it perfectly situated for a wide range of marine science activity.
Deep Sea Systems International Inc.	Equipment Manufacturing	ROV/AUV	MA	p	2	An innovative, high technology company that brings decades of deep ocean engineering experience to the design and manufacture of underwater remotely operated vehicles (ROVs) and ROV components including the Ocean ProHD camera system and LED lighting. Global Explorer ROV is a deep water ROV that was designed and built by Deep Sea Systems and is available for lease. Global Explorer ROV has made numerous dives below 9000'. It has a total system weight below 25,000 lbs and it can be transported by regular side-loading aircraft.

Sort by: Organization Name

Deepwater Wind	Energy	Ocean Energy Development	RI	p	3	America will need all types of renewable, domestically generated energy in the coming years. But only offshore wind energy can be developed at a rate and scale required to bring about the change we need today. We are developing utility-scale wind farms in deep waters that will provide abundant clean energy — up to 1,000 megawatts or more at each wind farm. Just as important, these large wind farms will be generating power closest to where it's needed most — in energy-constrained East Coast markets where power is commonly generated using fossil fuels and construction of new generation is difficult. In the process of developing and operating these wind farms, we will partner with state and local governments to foster economic development. The benefits of new jobs, clean energy, and reduced reliance on foreign energy sources will be seen by coastal communities — and the entire country.
Deltares	Services	Environmental Management		p	2	Climate change, rising sea levels and vulnerable dunes are combining to put pressure on coastlines. We want to live safely behind the coastlines, so we must have good coastal and marine management. We achieve that goal by using the dynamics of nature to structure coastal areas. With sustainable coastal engineering, we deploy nature development to improve safety. We stop the advance of the sea by depositing extra sand in the foreshore and letting nature do its work. Climate change results in more extreme weather conditions. Deltares maps out the

Sort by: Organization Name

						impact of this on nature, water defences, coastal engineering projects, energy supplies and transport. Technology is not the only factor involved in work on coastal areas; issues like enviremental development and public support also play a role. We bring together the various angles in an integrated approach.
Ecm Maritime Services, Headquaters	Services	Boat Maintenance	CT	p	3	ECM Maritime is one of the world's leading authorities in maritime regulatory consulting, compliance, emergency preparedness, security, environmental and response management services. We offer a wide range of services that ensure our clients' vessels exceed the standards of the maritime industry, in order to minimize delays, fines and pollution incidents.
Ecosystem Solutions, Inc	Services	Marine Science	RI	p	3	Services provided include all aspects of wetland science in relation to private, public, commercial and industrial land development. This includes wetland delineations, impact avoidance & minimization statements, wildlife habitat assessments, wetland assessments, construction oversight, biological monitoring, regulatory representation, expert testimony, and permitting & compliance assistance.

Sort by: Organization Name

EdgeOne LLC	Equipment Manufacturing	Geophysical	MA	p	5	EdgeOne LLC, doing business as ORE Offshore, designs, manufactures, and supplies acoustic survey and geophysical equipment for offshore, military, and institutional markets. It offers underwater navigation and positioning systems, such as broadband acoustic tracking systems; Trackpoint 3, a system that is configured for a desktop application with a PC or laptop; TrackPoint 3P, an acoustic underwater tracking system used in open boats in various weather conditions; underwater responders/transponders; motion reference units; and IPS (integrated positioning system), a PC-based software package developed for the purpose of integrating a USBL acoustic tracking system with DGPS.
Empire Genomics	Biotechnology	Genomics	NY	p	3	In this era of ever changing technology, Empire Genomics delivers the most advanced genomic tools to aid the scientific community in its research and diagnostic challenges. Our superior genomic platform utilizes proprietary techniques that allow for the fast and accurate detection of chromosomal aberrations. Through many years of experience in the area of comparative genomic hybridization and our superior genomic platform, we are able to provide continuous support for research and diagnostic applications in areas of cancer biology, biomarkers, drug discovery, prenatal screening, developmental disorders and autism, among many others.

Sort by: Organization Name

Environmental Law Institute	Services	Environmental Management		np	2	ELI is committed to democratic governance, the rule of law, and policy innovation as keys to achieving environmental quality and sustainable development. Publisher of: ELR®—The Environmental Law Reporter® and The Environmental Forum® and National Wetlands Newsletter® ELI has played a pivotal role in shaping the fields of environmental law, policy, and management, domestically and abroad. Today, we enter our fifth decade as an internationally recognized, non-partisan research and education center working to strengthen environmental protection by improving law and governance worldwide.
Environmental Protection Industries	Services	Environmental Consulting	IL	p	4	Environmental Protection Industries (EPI) is a full service environmental consulting and remediation firm. EPI provides environmental services to a full spectrum of clients in Illinois, Wisconsin, Indiana, Michigan, Ohio, and Iowa. We supply consulting services for a select group of clients on a national scale. EPI specializes in Environmental Site Assessment/Site Characterization and Risk Assessment for managing environmental liabilities and risk exposure, establishing risk-based remediation objectives, and use in the design and implementation of site remediation. EPI's services are geared toward cost effective, comprehensive solutions for public and private sector clients to reduce or eliminate environmental liabilities. EPI manages hundreds of projects annually.

Sort by: Organization Name

Enviroscan, Inc	Equipment Manufacturing	Oceanography	PA	p	4	Enviroscan, Inc. specializes exclusively in nonintrusive, nondestructive geophysics - the science of detecting and mapping underground, underwater, or otherwise hidden objects or features. Despite the fancy title, geophysics is really just the earth science equivalent of medical radiology. Just as radiologists use noninvasive techniques to diagnose internal problems and minimize (and make safer) invasive surgery, geophysicists can detect and delineate subsurface features to minimize (and make safer) intrusive digging or drilling. Most importantly, geophysics can provide early warning of subsurface hazards such as buried utilities, sinkholes, drums, USTs, contaminant plumes, etc., - eliminating costly mid-project surprises.
Epaint	Materials and Supplies	Boat Maintenance	MA	p	3	All ePaint products are free of copper, tributyltin, and other biocides that persist in the environment. ePaint coatings combine novel patented photoactive technology with environmentally preferred active ingredients to provide you with a safe, effective alternative to traditional bottom paints.
Epc Laboratories, Inc.	Equipment Manufacturing	Sonar	MA	p	3	In the early 1970s the company started a period of rapid growth that resulted from the booming expansion of the oil industry. Throughout the following decade EPC migrated its imaging technology into passive sonar applications such as anti-submarine warfare and communication surveillance. It was at this time that the technology in printing changed from the Electrographic Recorders (EGRs) to the

Sort by: Organization Name

						Thermal Graphic Recorder (TGRs). EPC pioneered much of the high-res TGR revolution in the ocean industry and continues to manufacture these products today at its Newburyport headquarters in Massachusetts.
Equipment and Services International, LLC	Marine Engineering	Winches and Windlasses	CT	p	3	The technical knowledge and experience accumulated during years of service at New England Trawler have been put to work in this new company. ESI is located in East Greenwich, RI, at 5810 Post Rd, where it shares offices and facilities with The Ideal Windlass Co., a company that also specializes in the manufacturing of deck equipment for pleasure boats and yachts. Resources, engineering and experience are shared and put to work together, allowing us to offer a comprehensive range of quality deck machinery. These equipment includes Towing Winches, Bow/Escort Winches, Mooring Winches, Anchor Winches, Windlasses and Capstans.
Era7 Bioinformatics	Biotechnology	Genomics	MA	p	3	Era7 Bioinformatics is a research-driven bioinformatics company working with Next Generation Sequencing data using Cloud Computing. Era7 Bioinformatics is specialized in Microbial Genomics and Metagenomics providing advanced services related to knowledge management and sequencing data interpretation in these areas. Our business model is based on Research, use of cloud computing, development of Open Source bioinformatics platforms and on our specific focus to Microbial genomics.

Sort by: Organization Name

Evo Logics	Research and Development	Marine Engineering	Germany	p	2	EvoLogics is a Germany-based high-tech enterprise. It was founded in 2000 by a group of leading international scientists and R&D experts to develop innovative key technologies for the aerospace, maritime and offshore industries through interdisciplinary cooperation between engineering and life sciences. By combining applied research with commercialization, EvoLogics can offer the market, the most advanced technologies as they are developed at the research labs. EvoLogics engineers are also involved closely with the commercial market so as to be aware of the needs of the market while developing applications from their research.
Falmat Cable	Equipment Manufacturing	Underwater Cabling	CA	p	4	Falmat has been a leader in custom cable design and manufacturing for four decades. Our design analysis, cutting edge materials and state-of-the-art manufacturing facilities, provide global solutions for a variety of industries such as, Defense, Aerospace, Industrial Electronics, Transportation, Medical, Exploration and Marine applications.
Falmouth Scientific Inc	Equipment Manufacturing	Ocean Measurements	MA	p	2	Falmouth Scientific, Inc. (FSI) is a manufacturer of precision instrumentation for oceanographic applications. Founded in 1989, FSI operates from a state-of-the-art manufacturing facility in Cataumet, Massachusetts, located on Cape Cod. Our strategic close proximity to many prestigious organizations enables us to remain at the forefront of marine technology. Most importantly for our customers worldwide, all FSI products are supported by outstanding customer

Sort by: Organization Name

						service.
Farsounder Inc	Equipment Manufacturing	Sonar	RI	p	4	The FarSounder Ship Protection System is a unique multi-sensor solution with 360º coverage using fixed in-hull sensors. This multi-use system provides underwater threat detection while at anchor and navigation sonar while underway. The system is based on FarSounder's patented sonar technology which produces a complete 3D image with a single ping! System capabilities include 360º detection of divers and other threats with automatic detection, tracking, classification and alarm algorithms. The technology has been optimized for challenging and shallow environments. The display offers electronic overlays and can differentiate between divers, marine mammals and other benign objects, with minimal false alarms.
FirstWind	Energy	Wind Energy	MA	p	5	First Wind is an independent wind energy company exclusively focused on the development, financing, construction, ownership and operation of utility-scale wind energy projects in the United States. Headquartered in Boston, MA, we focus on developing and operating wind energy projects in the Northeastern and Western regions of the U.S., and also in Hawaii. Our operating fleet consists of 13 projects with 772 MW of capacity, and additional

Sort by: Organization Name

						projects under construction totaling 208 MW of capacity. In addition, we developed and operate two generator leads with transmission capacity of 1,200 MW, which connect our Stetson, Rollins and Milford projects to the grid.
Fisheries and Oceans Candada	Services	Fisheries Research	Ontario	gov	4	Fisheries and Oceans Canada (DFO) and its Special Operating Agency, the Canadian Coast Guard, deliver programs and services that support sustainable use and development of Canada's waterways and aquatic resources.
Five Star Rockwater	Services	Marine Engineering	CT	p	4	The Rockwater Team has been developing and marketing integrated systems and products designed for the rehabilitation and stabilization of Marine Facilities and Underwater Structures for over 25 years. Our products were designed and field-tested by Rockwater personnel who are experienced commercial divers and engineers. Rockwater is well aware of the importance of ease of installation, increased productivity and product consistency. We have a proven track record of Quality Control and Customer Satisfaction.
FloDesign	Services	Technology Incubator	MA	p	5	Whether you are starting with a small R&D contract for a little amount of money or you've already got a product in the market, FloDesign can help commercialize your technology in exciting and innovative ways. We specialize in prototype development, building proofs of concept, getting the product to work, and making it usable and marketable. We help

Sort by: Organization Name

						solid technologies become commercialized for a variety of market segments including consumer and government markets.
Florida Institute of Oceanography	Research and Education	Oceanogragraphy	FL	np	4	For more than four decades, the Florida Institute of Oceanography has unified marine science interests across Florida in the cause of understanding and stewardship of the coastal oceans. Now entering its 45th year, FIO is taking a leading national role in the scientific assessment of the impact of the Deepwater Horizon Oil Spill in the Gulf of Mexico.
Florida Ocean Alliance	Services	Environmental Management	FL	np	5	The Florida Ocean Alliance is a nonpartisan organization dedicated to bringing together government, academic and private sectors in Florida to protect and enhance Florida's coastal and ocean resources for continued social and economic benefits. Their main activities involve: - Serving as a clearinghouse for information on key ocean and coastal issues facing the state in both the public and private sectors; - Monitor and publicize actions related to the oceans and coasts.

Sort by: Organization Name

Flotation Technologies	Materials and Supplies	Flotation	ME	p	3	Flotation Technologies' world headquarters houses administration, sales, engineering, research, development and manufacturing departments. This state-of-the-art manufacturing facility allows Flotation Technologies to provide quick turn-around on projects of any size to exacting customer specifications. Flotation Technologies' products are built to withstand the rigors of deployment and recovery operations on offshore rigs and oceanographic vessels alike and are used in some of the most demanding conditions on earth: under the polar ice in the arctic, in the blistering heat and ultra violet rays of West Africa, on the stormy surface of the world's oceans and under crushing pressure 7,000 meters under water. Everyday the company's products are put to the test, and pass.
Fluid Imaging Technologies	Equipment & Manufacturing	Underwater Imaging	ME	p	3	Since 1999 and the introduction of the first FlowCAM®, Fluid Imaging Technologies has been the innovator and leader when it comes to the use of digital imaging as a method for the automated analysis of microscopic particles in fluids. The system was first developed for the analysis of ocean water in oceanographic research, then also used in fresh water applications. Finding the FlowCAM technology to be applicable in other non-aquatic areas, in 2004 the company began selling its technology into 'industrial' markets'. These markets include pharmaceuticals, food & beverage, chemicals, abrasives and plastics. The FlowCAM hardware has been conti-

Sort by: Organization Name

						nuously improved each year, producing industry-leading advancements such as cross-polarized illumination, laser and fluorescence-triggered acquisition and the use of an optional high precision syringe pump.
Forristall Ocean Engineering, Inc.	Services	Marine Engineering	ME	p	2	Specification of metocean criteria for offshore drilling rigs and production facilities, Specification of metocean criteria for nearshore structures, such as LNG terminals, Specification of metocean criteria for offshore wind farms, Investigation of hurricane damage to offshore structures, Recommendations for metocean surveys and field measurements, Writing requests for proposals, Independent reviews of metocean studies, Evaluation of the skill of numerical models of currents and waves, Research on the extreme value statistics of wave and crest heights, Real-time advice on weather for offshore activities including float-over platform installations
Free Flow Power	Energy	Hydropower	MA	p	2	Clean renewable energy company focusing on hydropower, hydrokinetic and hydro pumped storage as reliable, cost-effective sources of electricity and grid stability.

Sort by: Organization Name

General Oceanics	Equipment Manufacturing	Ocean Measurements	FL	p	4	The company's goal has been to design and manufacture the highest quality instrumentation and water sampling products available to the oceanographic community. Has branch in NY.
GenPro Energy Solutions	Energy	Ocean Energy	SD	p	4	Delivers sustainable, renewable energy products and systemsworldwide. We provide solar modules, solar-powered water pumping systems, wind turbines, solar thermal heating systems, water purification systems, LED lighting, grid-tieand off-grid systems, and more.
Geometrics, Inc	Equipment Manufacturing	Geophysical	CA	p	2	Our instruments are used from the highest altitudes to the depths of the ocean floor and in all climate and temperature conditions in the air, on the sea and on land. Could be used for Oil & Gas exploration, Mineral Exploration, Military, defense, UXO, and security applications, archaeological reconnaissance, agricultural geophysics, treasure exploration, infrastructure, dike & levee inspection
Geophysical Survey Systems Inc.	Equipment Manufacturing	Marine Surveying	NH	p	2	Geophysical Survey Systems, Inc. (GSSI) is the world's leading manufacturer of ground penetrating radar (GPR) equipment. With cutting-edge products designed to address a wide range of challenging applications, the GSSI name is synonymous with unsurpassed data quality and field-proven reliability.

Sort by: Organization Name

Gilman Corporation	Materials and Supplies	Flotation	CT	p	3	Ionomer foam products manufactured by Gilman Corporation under the brand name Softlite® include: US Coast Guard navigational buoys, ship and dock fenders, mooring and pick-up buoys, booms and barriers for safety and security, seat pads and skier awareness products for ski areas, chemical seals--wiper tips--for tank farm floating roofs, Twist-Tite® pipe insulation, standard rolls and sheets, laminated rolls and sheets, and custom manufacturing in our purpose-built plant pictured above.
Global Marine Energy	Services	Underwater Cabling	MA	p	4	Global Marine Energy provides power cable planning, installation and maintenance services to utilities planning offshore installations as part of their grid build-out. We also work with consultancies and developers working in the emerging off-shore renewable energy industry, as they develop wind, wave, and tidal energy production projects, bringing carbon-neutral energy to the grid.
GreatBay Aquaculture	Fish & Fishing	Aquaculture	NH	p	4	GreatBay Aquaculture of NH produces the highest quality cultured marine fin-fish. Our mission is to be a world leader in the production of marine fish through the commercialization of technology and its application to aquaculture. GreatBay Aquaculture of NH maintains an active research and development program to improve growth rate and resistance to disease. Our hatchery technology is being used to bring high value marine species to commercial production. GBANH has incorporated HACCP into its production system and is committed to product

Sort by: Organization Name

						safety, quality and environmental stewardship.
Gulf of Maine Research Institute (GMRI)	Research and Education	Marine Science	ME	np	2	The Gulf of Maine Research Institute is a non-profit marine science center located in Portland, Maine. Our work strengthens five essential elements that define an enduring relationship with the ocean: Healthy Ecosystem, Sustainable Industries, Vibrant Communities, Abundant Opportunities, Inspired Children
Harbor Branch Oceanographic Institute	Research and Education	Marine Science	FL	p	4	Protect and wisely use the oceans' resources has shaped the work at Harbor Branch Oceanographic Institute. Today, articulated as Ocean Science for a Better World®, this same vision drives more than 160 Harbor Branch scientists, engineers and support staff to be leaders in ocean-related innovation, exploration, research, education and conservation. Also has an aquaculture team that works on new ways to farm seafood.
Harris Acoustic Products Corp	Equipment Manufacturing	Acoustics	MA	p	5	Harris Acoustic Products Corporation designs and manufactures sonar projectors, hydrophones, and associated equipment for navy, OEM, and commercial customers. It offers military and commercial sonar transducers, underwater and hull-mounted telephones, diver hand-held sonars, and other acoustic devices for marine applications. The company also

Sort by: Organization Name

						provides depot level repair, acoustic testing, and electronic assembly and fabrication services
Hecker Environmental Consulting	Services	Environmental Consulting	MA	p	2	Dr. Barbara Hecker (Ph.D., State University of New York, Stony Brook) runs her own consulting business, Hecker Environmental Consulting, and is associated with the Boston University Marine Program in Woods Hole, Mass. Her research interests focus on understanding offshore, marine benthic communities and factors that control the distribution of deep-sea megafauna (animals larger than a few centimeters). Since these organisms live on and within the sea floor, much of her work focuses on faunal/geological interactions.
Hegg Marine Solutions (Div. of Falmouth Scientific)	Equipment Manufacturing	Acoustics		p	3	Hegg Marine Solutions, now a division of Falmouth Scientific, Inc. was started April 2008 by owner and operator, Frederick Hegg. He has over 25 years experience in the ocean industry. Fred has been involved in the development of a wide range of products from acoustic positioning and release systems to 6000m rated deep towed sonar systems. His most recent projects have been related to developments in high resolution swath bathymetry systems for shallow water applications.

Sort by: Organization Name

Heritage Salmon	Fish & Fishing	Aquaculture	ME	p	2	Here you will now find our fresh Chilean salmon raised in the pristine waters of southern Chile... Cupqulan brand... now a Heritage brand, along with new Heritage frozen and smoked products.
Hibbard Offshore	Services	ROV/AUV	MI	p	3	Hibbard Inshore provides a range of ROV and hybrid AUV / ROV-based underwater inspection, survey and intervention services to aid your project in each stage of its lifecycle. With a focus on reducing the required vessel size for projects, all of Hibbard Inshore's remotely operated vehicle systems are set up to be highly transportable. All systems can be air shipped and are designed to be used on vessels of opportunity throughout the world.
Horizon Marine	Services	Ocean Measurement Systems	MA	p	2	We utilize state-of-the-art techniques in the analysis of oceanographic data for mapping, modeling, and forecasting significant events. Our system of daily observations, including several remote sensing techniques, enables real-time data analysis, reporting, and forecasting the migration and strength of ocean currents worldwide. Utilizing Horizon's services, the offshore industry is able to plan safe and efficient operations, minimize costly downtime caused by severe currents, and provide valuable information to in the event of an oil spill.

Sort by: Organization Name

HSC Fabrication	Equipment Manufacturing	Aquaculture	NB	p	4	HSC Fabrication is comprised of in-house and resource personnel with extensive experience in aquaculture, engineering and steel fabrication. Integrating these individual strengths into one resourceful, creative team enables HSC to design and manufacture complete solutions to its customers' aquaculture equipment challenges. Solutions forged in steel … the strongest, most versatile and adaptable construction material available.
Hubbs-Sea World Reseach Institute	Research and Education	Ocean Conservation	CA	np	3	Hubbs-SeaWorld Research Institute is a public, non-profit charity dedicated to providing effective solutions to conflicts that arise between human activity and the natural world. Hubbs-SeaWorld scientists apply sophisticated technologies to seek the solutions that protect and conserve marine animals while benefiting humans and their reliance on marine resources.
Huntsman Marine Science Centre	Research and Education	Marine Science	New Brunswick	np	4	The Huntsman Marine Science Centre is a private, not-for-profit research and education facility whose mission is inspiring stewardship through the engagement of the Community in the discovery of the Oceans; the design and delivery of inspirational educational experiences and the advancement of marine sciences through collaborative research and the development of innovative technical solutions for our public and private sector partners.
Hydroid, Inc. (Kongsberg owned)	Equipment Manufac-	AUV	MA	p	5	Hydroid is a wholly owned subsidiary of Kongsberg Maritime. We are a leading manufacturer of advanced, innovative Autonomous Underwater Ve-

Sort by: Organization Name

	turing					hicles - AUV for deep sea survey and mapping worldwide. Applications include both military and commercial use.
Hydrovision Inc.	Services	Environmental Consulting	GA	p	3	HydroVision, Inc. is an environmental consulting company with extensive experience and unique capabilities in the field of hydrogeology, geology, environmental engineering, environmental science, and Oracle support. HydroVision is dedicated to applying state-of-the-art knowledge of hydrogeology to the often complex environmental problems facing the nation and our planet today.
Hypack Inc	Services	Software and Systems Design	CT	p	4	HYPACK, Inc. developed a Windows based software for the Hydrographic and Dredging Industry. Founded in 1984, HYPACK, INC (formerly Coastal Oceanographics, inc.) has evolved from a small hydrographic consultant to one of the most successfull providers of hydrographic and navigation software worldwide. HYPACK(R) is one of the most widely used hydrographic survveying packages in the world, with more than 4.000 users. It provides the Surveyor with all the tools needed to design their survey, collect data, process it, reduce it, and generate final products. Whether you are collecting hydrographic survey data or environmental data, or just positioning your vessel in an engineering project, HYPACK(R) provides the tools needed to complete your job. wiht users spanning the range from small vessel with just a GPS and single beam echosounder to large survey ships with networked

Sort by: Organization Name

						sensors and systems, HYPACK(R) gives you the power needed to complete your task in a system your surveyors can master.
Hyrocomp Inc.	Services	Software and Systems Design	NH	p	5	HydroComp, Inc. was established in 1984 to provide powering analysis services to naval architects and shipbuilders. Best known for our award-winning NavCad™ software, HydroComp is regarded as the premier source for performance predictionsoftware, consulting and knowledge.
Ichthys Marine Ecological Consulting	Services	Fisheries Related Environmental Consulting	Hawaii	p	2	Ichthys Marine Ecological Consulting provides marine environmental and fisheries consultancy services. We believe that effective and lasting marine management requires working in collaboration with end-users to achieve agreed objectives. Our scientific evidence-based advice, backed by years of experience and plain, common sense, helps make this happen.

Sort by: Organization Name

IDE Technologies	Equipment & Manufacturing	Desalination	CA	p	4	IDE Technologies Ltd. is a pioneer and world leader in water technologies. The company specializes in the development, engineering, production and operation of advanced desalination as well as innovative industrial solutions.IDE is a world leader in the desalination industry. With more than 45 years of know-how and experience, IDE delivers end-to-end project solutions for its customers throughout the world. Leveraging superior thermal and membrane technologies, IDE specializes in the delivery and operation of various desalination and water treatment solutions.
Ideal Windlass Company	Marine Engineering	Instrumentation and Equipment	RI	p	3	Our ability to build custom windlasses makes the selection and installation of windlasses easy even in the most difficult of situations. Because we fabricate our own gear boxes, we have the capability of offering a wide range of customized units. Often this makes the difference in the designing or refurbishing of a vessel.
IMAGE ACOUSTICS, INC.	Equipment Manufacturing	Acoustics	MA	p	4	Image Acoustics, Inc. uses Finite Element Analysis and a battery of transducer and array computer programs to perform efficient and effective design and analysis. Many of these programs were developed and coded at Image Acoustics, Inc. and are available for commercial use. For information on Image software see "Software" on the Image homepage.

Sort by: Organization Name

Institute of Marine and Coastal Sciences (Rutgers)	Research and Education	Marine Science	NJ	np	3	The Institute of Marine and Coastal Sciences (IMCS) is a world-class oceanographic research institute dedicated to discovering and communicating exciting and critical science about our planet for the benefit of society. Our philosophy emphasizes the importance of understanding the processes that govern change and sustainability in the world's oceans to best use and protect our vital marine and coastal resources. Today, the institute remains true to the unique vision of Dr. Fred Grassle, whose founding principles established a tradition of pioneering research through integrative, inter-disciplinary approaches to ocean science, education and public service.
Interactive Oceanographics	Equipment Manufacturing	Ocean Measurements	RI	p	2	Offers a wide variety of streamlining technology to assist in bathymetric and water quality mapping.
InterOcean Systems, Inc	Equipment Manufacturing	Ocean Measurement Systems	CA	p	4	For over 60 years InterOcean systems, inc. has been the world leader in the design and manufacture of premier quality oceanographic and environmental equipment and systems. We continually improve and broaden our line of products, and strive to accommodate each customer's requirements and needs. Our product line includes S4 Current Meters,

Sort by: Organization Name

						Wave & Tide Gauges, Meteorological/Oceanographic (METOC) Buoys, Acoustic Releases, Winches & Marine Handling Systems, Hydrophones, and Remote Oil Spill Detection and Sampling. With our proven commitment to product reliability and support, you may rely on InterOcean for your marine equipment and instrumentation needs.
iRobot® Corporation Maritime Systems	Equipment Manufacturing	ROV/AUV	NC	p	4	iRobot® Corporation's Maritime Systems group (fka Nekton Research LLC) develops and manufactures AUVS/UUVS that perform multiple missions for maritime researchers, oceanographers and military planners, including physical, chemical and biological oceanography, tactical oceanographic surveys and marine environmental monitoring, including the Seaglider®, a long-range, high-endurance UUV that makes oceanographic measurements, and Ranger, a general development platform for small UUV capabilities.
Island Scallops Ltd	Fish & Fishing	Aquaculture	BC	p	3	Located on the west coast of Canada near Qualicum Beach, British Columbia, Island Scallops represents Canada's largest private marine research hatchery and first fully-integrated shellfish producer. Island Scallops is committed to environmentally sustainable production of a high quality, all-natural product.

Sort by: Organization Name

Janseneering, Inc	Services	Marine Engineering Technology/Ship Building and Design	ME	p	4	At Janseneering, Inc., our mission is to provide our valued clients with the best quality plugs, patterns, limited use and production molds, and composite parts. We use state-of-the-art technology to build custom products that meet the needs of such industries as architecture, infrastructure, defense, recreational, automotive, industrial, marine and wind power. We have been on the end-user side and the supplier side of tooling projects. Our vast experience ensures our ability to meet our clients' needs at the highest possible quality, and delivered on time and within budget. Recently, the addition of our new 5-axis CNC profiling machine helps us generate the most current precision engineering with enough horsepower and rigidity to machine aluminum and meet higher tolerance requirements.
JBF Environmental Technology	Services	Ocean Conservation	CT	p	4	In 1969, JBF developed a patented method for physically removing oil and other floating material from the surface of water. The United States Environmental Protection Agency purchased the first operational Dynamic Inclined Plane (DIP) oil skimmer for the U.S. Naval Facilities Engineering Command in 1970.The success of JBF skimming systems lies with the extremely high performance of the JBF Dynamic Inclined Plane oil recovery system in a wide range of oil types and wide range of operating conditions. The key feature of the JBF DIP skimmer is it's ability to collect and separate the oil in a single operation. The high performance of the DIP skimmer is main-

						tained in thick oil slicks and in sheens. The ability of the JBF DIP skimmer to collect oil at speeds up to 5 knots enables the spill clean up time to be dramatically reduced. The proven JBF DIP skimming system has been thoroughly tested both in the field and in test tanks. The design of the JBF DIP oil recovery system, whether in an integrated Oil Recovery Vessel or an "over-the-side" VOSS system, allows for easy and safe deployment. The DIP skimming systems also incorporate debris removal and handling systems to allow operation in non-ideal conditions. The JBF Oil Spill Recovery Vessels can function as multipurpose vessels, with addition of fire fighting equipment, dispersant systems, boom storage, command control and towing capabilities.
JHT Inc.	Services	Environmental Consulting	FL	p	4	HT Inc. offers value-driven service support with highly qualified personnel for professional, technical, managerial, and administrative requirements in the environmental and marine science service areas. We understand your science-oritented culture and devote extensive care in selecting the right personnel to fulfill your mission: Coastal Observations, Outreach and Management, Marine Biotoxin and Ecotoxicology Research, Coastal Ecological Assessments, Habitat Conservation and Restoration, GIS Mapping and Spatial Analyses, Marine Mammal Research and Conservation, Field Investigations, Program Management and Administrative Support, Estuarine Reserves, Land Acquisition and Coastal

Sort by: Organization Name

						Strategy Programs
JMS	Services	Ship Building and Design	CT	p	3	A specialty maritime engineering firm with expertise in naval architecture, marine engineering, shipboard operations, salvage engineering and marine science. JMS has a broad client base representing all aspects of the marine industry including tug and barge operators, shipyards, marine science institutes, military vessels, passenger vessel operators, historic ship museums and even pleasure craft owners of power and sailing yachts.
JW Fishers	Equipment Manufacturing	Underwater Instruments	MA	p	4	JW Fishers has specialized in the design and manufacture of reasonably priced, high tech underwater search equipment. The product line includes diver-held and boat-towed metal detectors, marine magnetometers, underwater cameras, ROVs, cable tracking systems, acoustic pingers, scanning sonars, and side scan sonars

Sort by: Organization Name

Keys Marine Lab	Research and Education	Marine Science	FL	np	4	The Keys Marine Laboratory is a full-service marine lab situated in the heart of the Florida Keys island chain at mile marker 68.5. The facility offers a unique opportunity for college level education and researchers studying the only tropical marine ecosystems in the continental United States. The laboratory includes flow-through seawater systems, housing, laboratories, classroom/meeting rooms, boat fleet, and diving support facilities. An ideal location with easy access to Florida Bay, the Everglades National Park, the Florida Current, and the Florida Keys National Marine Sanctuary, KML offers an excellent base of operations for your next field excursion.
Klein Associates, Inc.	Equipment Manufacturing	Security	NH	p	3	L-3 Klein is the world's leading supplier of side scan sonar equipment, integrated bridge systems, navigation products and waterside security and surveillance systems. In 1967, Marty Klein an MIT graduate set his own course in the new commercial field of Side Scan Sonar. This was a bold move since the only companies involved in this area were multi-million dollar organizations. Klein's mantra is one of creating reliable, leading-edge sonar products, and maritime domain awareness systems while offering top quality service. L-3 Klein has developed a worldwide reputation of excellence in the industry by providing quality products and excellent customer service.

Sort by: Organization Name

Knudsen Systems Inc	Equipment Manufacturing	Acoustics	NY	p	4	Knudsen echosounders are used for precision measurement of water depths for a variety of applications, ranging from hydrographic surveys to oceanographic research to precise ship navigation. Currently, KEL produces four lines of echosounders for different applications: Shallow Water Survey, Deep Ocean Survey, Scientific & Sub-bottom Research, and Naval Navigation.
Koch Membrane Systems, Inc	Equipment Manufacturing	Water Technology	MA	p	3	For nearly half a century, KMS has been a world-class developer and manufacturer of innovative membrane filtration systems serving a global marketplace. We develop the finest filtration membranes, build custom and engineered systems for a broad array of industries, and provide superior technical and customer service support. Romicon's outstanding reputation was based on hollow fiber UF membranes and systems. Fluid Systems Corporation, now fully integrated into KMS, was one of the pioneers of commercial reverse osmosis and nanofiltration membrane products, which lead the industry for desalting brackish water and seawater for drinking purposes. This advanced desalination technology is also used for many industrial applications. Puron developed a submerged membrane bioreactor technology that shows great promise for both industrial and municipal wastewater treatment.

Sort by: Organization Name

L.L. Rowe Company	Equipment Manufacturing	Marine Engineering	MA	p	2	Whatever your needs, Electrical Connectors, Molded Cable Assemblies, Hull Penetrators, Magnetic Switches, Distribution Panels, Control Boxes, Navigational Lighting, Interior Communication Equipment, the L. L. Rowe Co. and it's expert staff will work with you to develop a quality product .
L3 Henschel	Equipment Manufacturing	Software and Systems Design	MA	p	2	Henschel communications, monitoring and control equipment has been on the scene wherever an unforgiving environment demands unquestioned reliability and longevity. For customers who require "engineer-to-order" solutions, an extensive knowledge base is made available in: analog and digital circuitry, electromechanical design, software development, signal processing, enclosures and packaging, consoles and workstations, microprocessor technology, network architectures, man/machine interface control and graphics and commercial-off-the-shelf (COTS) implementation and integration. L-3 Henschel experts can also assist in compliance with qualification, environmental and electromagnetic interference (EMI) testing requirements.

Sort by: Organization Name

L-3 MariPro	Services	Marine Engineering	CA	p	2	L-3 MariPro is an ISO 9001:2000 certified company located near Santa Barbara, California. With nearly five decades of experience, we specialize in providing undersea sensor networks and spread spectrum through water communication solutions. We are a system concept-through-operations company with extensive experience in responding to demanding customer requirements. We have adopted a disciplined systems engineering approach to our overall design process that includes: high level system trades, detailed reliability and availability analysis, active risk trades, and modeling of critical powering, fiber optic transmission, electrical, mechanical, and marine installation parameters. In addition, validation and/or monitoring of key system performance parameters are performed throughout the entire design, build and marine installation process.
Laboratory for Autonomous Marine Sensing Systems (MIT)	Research and Development	Ocean Measurements	MA	p	2	The MIT Laboratory for Autonomous Marine Sensing in the Department of Mechanical Engineering is specializing in the development of new distributed ocean sensing concepts for oceanographic science, national defense and coastal management and protection. It continues two decades of multi-disciplinary research and development into such systems by Department of Ocean Engineering, and the MIT Sea Grant AUV Laboratory.

Sort by: Organization Name

Layton Industries, Inc.	Equipment Manufacturing	Communication	MA	p	4	Electronics and electronic communications
LIFESTREAM Watersystems Inc.	Equipment & Manufacturing	Desalination	CA	p	2	Lifestream Watersystems Inc. is a manufacturer of water purification and desalination systems specializing in: Reverse osmosis technology, membrane separation and water filtration equipment.
Lighthouse R&D Enterprises, Inc	Services	Ocean Measurement Systems	TX	p	4	Lighthouse R&D Enterprises, Inc. serves the global community by producing underwater monitoring systems capable of measuring time-series phenomena such as physical and chemical oceanographic properties, and seismic and wave height data for tsunami warning systems. Systems are installed as either autonomous moorings, with periodic data recovery, or connected to a shore facility by fiber-optic cable for real-time data delivery. Our state of the art systems use the most innovative concepts, forward-thinking technology, and environmentally sensitive collection methods available.

Sort by: Organization Name

Liquid Robotics	Equipment Manufacturing	Ocean Measurement Systems	CA	p	4	Initially a joint venture between Jupiter Research Foundation and Roger Hine to develop an unmoored, station-keeping data buoy for monitoring humpback whales, Liquid Robotics was incorporated in January of 2007 to continue development of the technology. The Wave Glider is our flagship product, enabling dozens of applications and missions never before possible. Now, with a growing staff, Liquid Robotics is poised to capture this newly created niche in the marine technology market, bringing the innovation and entrepreneurial spirit of Silicon Valley to the ocean science and technology sector.
Littleton Research and Engineering Corp.	Services	Marine Engineering	MA	p	3	Provides consulting services to engineering and manufacturing companies in the field of applied mechanics. Special emphasis is placed on vibration, particularly as applied to ships, including prediction of vibration levels, design to avoid vibration, measurement of vibration and recommendations for minimizing vibration. Services are also provided in stress analysis, cryogenic and high temperature technology, heat transfer, fluid flow and vibration and noise transmission in structures and fluids.
Lombardo Associates, Inc.	Services	Wasterwater Treatment	MA	p	4	LAI provides a wide range of services, including engineering feasibility studies, traditional engineering services of planning, design and construction engineering, and the turnkey services of designing, building, owning/financing, and operating wastewater and water facilities. Among our areas of nationally recognized expertise are the planning and im-

Sort by: Organization Name

						plementation of on-site and decentralized wastewater systems and innovative nitrogen and phosphorus removal technologies.
Macsea Ltd.	Services	Boat Maintenance	CT	p	5	We offer health monitoring solutions to ensure your ship's machinery plant and hull are operating at top efficiency. Our products, services, and expertise makes Condition-Based Maintenance implementation a turn-key operation for our customers. With the benefit of over 40 shipboard installations behind us, our unique experience helps clients avoid equipment breakdowns, extend overhauls, and reduce maintenance and operating costs. This translates into increased profits, improved machinery reliability, and maximum mission readiness.
Madison Technology International	Equipment Manufacturing	Acoustics	CT	p	3	Madison Technology International - Development of a family of high performance preamplifier/signal conditioners RDTE/Services-Adv Tech Dev. AUV Towed Arrays & Deployed Arrays for acoustic research and undersea surveillance
Maine Marine Composites	Services	Ocean Energy Development	ME	p	3	Maine Maine Composites provides complete solutions for the design and engineering of small craft and offshore alternative energy systems. Specializing in computer-aided design and analysis of boats and marine structures, the talented staff of MMC can tackle complex hydrodynamic problems ranging from analyzing the water flow around high-speed planing boats to predicting the spectrum of motions

Sort by: Organization Name

						on an ocean wave energy system.
Manomet	Research and Development	Ocean Conservation	MA	np	3	Manomet's mission is to conserve natural resources for the benefit of wildlife and human populations. Through research and collaboration, Manomet builds science-based, cooperative solutions to environmental problems.
Marine Acoustics Inc.	Services	Consulting	VA	p	4	MAI is a global scientific and engineering company providing a diverse set of government, corporate and international clients with a broad spectrum of consulting and engineering services. Our areas of expertise include a full range of environmental compliance services, undersea warfare design, test and evaluation services, marine environmental compliance, sea test planning and support, all supported by an award winning and internationally recognized research and development program. 3 offices (NH, VA, RI)

Sort by: Organization Name

Marine Biomedical Institute	Biotechnology	Research	TX	np	4	The Department of Marine Science's primary focus of research is primarily cephalopods, that is squids, cuttlefishes, octopuses, and the chambered nautilus. These molluscs are considered to be the most highly evolved marine invertebrates, and for more than 60 years many of their organ systems, specifically their sense organs (e.g., eyes and equilibrium receptor systems) and nervous system (brain, giant axon, and giant synapse) have been valuable model systems for comparative morphological, physiological and behavioral research on the equivalent vertebrate systems. In addition, several of their tissues (e.g., the optic lobe, retina, and ink sac) have been utilized because they are extremely rich sources for biomedically important substances (acetylcholine, G-protein, and melanin, respectively). The biological disciplines applied range from anatomy, physiology, neurobiology, pharmacology, nutrition, and pathology, to behavior, ecology and mariculture. The Division also operates three research vessels for nearshore and offshore marine studies; they may be leased for scientific endeavors.

Sort by: Organization Name

Marine Biotechnology Program (NOAA)	Biotech-nology	Research	SC	gov	2	The Marine Biotechnology Program (MBP) addresses questions in biodiversity, environmental health, population genetics of marine mammals and fishes, through application of molecular and cellular biology. Research core areas in the MB Program are: Genetics, Bioindicators, and Pathobiology. The Atlantic-Gulf Genetics (TAGG) Center investigates population genetics of marine species, and uses genetic information to help in the identification of marine species ranging from fish eggs and larvae to marine mammal carcasses. These studies aid critical management and enforcement decisions for the long-term conservation and use of living marine resources. The Bioindicator Project investigates multiple measures of health at different biological levels to assess environmental stressors on resource and ecosystem health. A joint Pathobiology Project with the satellite NOS research facility in Oxford, MD investigates the effects of natural and anthropogenic factors on the occurrence and persistence of diseases, and the use and development of marine resources. The Marine Biotechnology Program is also the research and development arm of the Forensics Branch and develops assays and technology to assist forensics cases in support of law enforcement.

Sort by: Organization Name

Marine Ecotoxicology Research Station	Research	Ocean Conservation	TX	np	4	MERS is a field station affiliated to the Columbia Environmental Research Center (CERC), USGS. It is dedicated to conducting ecotoxicological studies for the assessment of biological effects of contaminants in marine and estuarine environments. Its mission of is to conduct research that will promote: * Proper decision-making in environmental management, leading to better preservation of marine biological resources and * Enhancement of the quality of marine biological resources, and ultimately, of human life.
Marine Information Resources Corporation	Services	Environmental Consulting	MD	p	3	MIRC scientists and engineers provide their customers with multidisciplinary, integrated, and cost-effective solutions to support operations in maritime environments, particularly physically complex and fragile coastal regions. MIRC provides timely, cost-effective geospatial solutions and services in support of coastal zone research, operations, and management.
Marine Mammal Research Program (Texas A&M)	Research	Marine Science	TX	np	3	The Marine Mammal Research Program acts as an umbrella under which multidisciplinary research on the behavior, ecology, taxonomy, anatomy, physiology, toxicology, parasitology, and conservation of marine mammals is organized and integrated.

Sort by: Organization Name

Marine Management Services (MMS)	Services	Boat Maintenance	WA	p	4	Maritime Management Services, Inc. (MMS) is a vessel management and crewing company providing quality management personnel with the knowledge to successfully and cost effectively manage marine resources by analyzing the customer's requirement, adapting to what current and future needs will be and understanding the changing maritime environment. MMS provides professional, experienced and forward-thinking vessel management. With an MMS management team in place, vessel owners enjoy peace of mind; knowing their vessels are provided with the infrastructure, personnel, and technical and operational management experience necessary to successfully operate vessels in compliance with applicable class, flag-state and international rules. MMS creates a vessel management plan that simultaneously looks after the owner's interests, the safety of the vessel, her crew and the environment.
Marine Sciences Laboratory (Battelle)	Research and Development	Marine Science	WA	gov	3	Building upon a history of research related to marine and coastal resources, environmental chemistry, water resources modeling, ecotoxicology and biotechnology—and more recently, national and homeland security,
Marine Simulation LLC	Services	Software and Systems Design	NC	p	5	In the field of maritime and subsea simulation, Marine Simulation LLC's ROVsim® and vSHIP simulators have set the standard for cost effective, physics accurate and visually stunning simulation systems. Our background includes nearly 30 years experience in undersea research, maritime operations

Sort by: Organization Name

						and software development. From portable solutions for nearshore operators to sophisticated operations at offshore drilling facilities, we can deliver a solution to meet your specific requirements. Our users span the globe, our products are in use in 20 countries worldwide and over 60 training and educational institutions.
Marine Systems Technology, Inc.	Services	Underwater Imaging	MA	p	4	Founded by Bill McElroy, Marine Systems Technology, Inc. (MAST) has been involved in numerous imaging, acoustic, ROV and AUV programs over the past two decades, providing electrical, mechanical, optical and software engineering support. Since 2002, the main focus of the company has been advanced underwater imaging systems, that are sold by the Ocean Imaging Systems (OIS) Division.
Markey Machinery Company	Equipment Manufacturing	Marine Engineering	WA	p	2	Markey's advanced oceanographic winch systems provide ultimate dependability, reliability and precise performance when and where you want it. Operating within critical windows of opportunity you can count on our sustom winches, capstans, windlasses and auxiliary machinery for the successful execution and completion of your research.
MASSA Products Corp.	Equipment Manufacturing	Acoustics	MA	p	4	Massa is a leading innovator in the design and manufacture of electroacoustic products for ultrasonic sensing in air and for underwater commercial oceanographic sonar applications. In addition, we have developed and manufactured a wide range of sonar transducers and systems specifically for military use.

Sort by: Organization Name

Massachusetts Marine Fisheries Institute	Services	Fish Assess-ments	MA	p	5	The Massachusetts Marine Fisheries Institute (MFI) serves as a national model for consolidating and focusing regional assets and expertise to tackle vital marine fisheries questions. Through a cooperative partnership with the Massachusetts Division of Marine Fisheries and the Department of Fisheries Oceanography at the University of Massachusetts Dartmouth School for Marine Science and Technology, the MFI enhances the state's ability to positively affect marine fisheries management in the state and throughout the Northeast.
Maurice Lamontagne Institute	Research	Marine Science	Que-bec	go v	5	The Maurice Lamontagne Institute (MLI), located near Mont-Joli, in the province of Québec, on the shores of the St. Lawrence Estuary, is part of Fisheries and Oceans Canada's network of a dozen research centres and is one of the world's major francophone marine sciences centres. Inaugurated in 1987, the Maurice Lamontagne Institute has some 400 employees, and also welcomes post-doctorate fellows, visiting scientists and students. Many state of the art projects are carried out in collaboration with the fisheries and commercial shipping industries, as well as with universities.

Sort by: Organization Name

McClane Research Labs, Inc	Research and Development	Oceanography	MA	p	4	Provides advanced time-series samplers and engineering design services to the international oceanographic community. Our product lines include a range of bio-geochemical/physical oceanography sampling and profiling instruments for use in oceanographic research and environmental monitoring. The objective of McLane Research Laboratories is to enable worldwide investigators to achieve their research and scientific goals by providing advanced, cost-effective instrumentation. Through our long-term research and development programs and our long association with diverse researchers and projects, McLane has established a significant base of knowledge and proven technology in support of our objective.
Megapulse	Equipment Manufacturing	Boating Electronics	MA	p	2	Megapulse is a leading designer and manufacturer of advanced navigation and communication products. The company is the market leader in Loran-C and eLoran technology and is the sole source supplier of solid state transmitters for the Loran system. Loran is a terrestrial radionavigation system that can determine the position of a ship or aircraft or land mobile vehicle through the use of low frequency radio signals broadcast from transmitters located across the globe. Loran signals can be used to measure position, velocity, time, orientation and for the broadcast of data. Megapulse eLoran equipment incorporates technologies that substantially enhance and extend the capability of the Loran sys-

Sort by: Organization Name

						tem.
Micronautics, Inc.	Services	Software and Systems Design	ME	p	3	We were the first to develop and sell tide prediction software. For over twenty years our software has been available to the military, to the maritime industry, to scientists as well as to fisherman and sailors. In 1985 we launched TIDE.1 Rise & Fall with tide coverage around the entire United States. A year later, we followed up with TIDE.2 Ebb & Flow, a companion product which did the same for tidal current prediction. In 1987 we covered all of Canada and by 1990 we had coverage for the entire world.
Mid-Atlantic Regional Association Coastal Ocean Observing System	Research	Fish Assessments	DE	np	4	The Mid-Atlantic Bight (MAB) extends 1000 km alongshore, from Cape Cod, MA to Cape Hatteras, NC. It includes five major estuarine systems and a wide continental shelf cut by a deep cross-shelf valley and multiple shelf-break canyons. The footprint encompasses 10 states, the District of Columbia, and approximately 76 million people, or 25% of the US population. The nation's highest coastal population density makes increasingly competing demands for marine and coastal resources. Ports in the region handle 23% of the total U.S. waterborne commerce,

Sort by: Organization Name

	and include the nation's largest petroleum product hub and the world's largest Naval base. The MAB is a dynamic boundary between cooler arctic waters and warmer tropical waters, with complex seasonal physical dynamics. These dynamics structure shellfish and migratory fish habitats that support both commercial and recreational fisheries. Developed watersheds and urban estuaries, impacted by a century of industrialization and growing coastal populations, degrade coastal water quality and diminish recreational economies. Inundation driven by tropical storms and northeasters are year-round threats to the large populations that live on the broad coastal plain. While the region's electrical power grid is the most congested in the nation, the high population density, reliable winds, and wide continental shelf combine to support the nation's first offshore wind energy development projects. To further compound these challenges, climate warming is altering fish and shellfish habitats in the MAB, and new rainfall patterns with more frequent extremes are impacting homes, farms and reservoirs.

Sort by: Organization Name

MJ Stewart Associates	Equipment Manufacturing	Underwater Cabling	MA	p	5	MJ Stewart Associates is the North American distributor of Subconn underwater connectors and cable assemblies. The Subconn connectors offer the most reliable wet mateable connector on the market. The connectors come in 1 to 16 pin configurations and offer standard bulkhead bodies made of brass, stainless steel, Titanium and anodized aluminum. We also offer Optolink fiber optic connectors and complete moulding and termination services to our own and customer supplied cables. We have facilities in 4 locations in the US and throughout the world which stock connectors and cables and can provide moulding and termination services.
Molchan Marine Sciences	Services	Security	CT	p	4	Molchan Marine Sciences (MMS) is a multi-disciplinary small business enterprise supporting the development and execution of projects in Ship, Port and Offshore Energy Security, Marine Transportation Safety, Diving and Underwater Operations as well as Marine Education.
Molecular Genetics Laboratory (MGL)	Research	Marine Science	BC	gov	3	The Molecular Genetics Laboratory (MGL) provides genetics advice relating to conservation and management of fish and shellfish species in Canada. Genetic diversity within populations and genetic relationships among populations are evaluated through surveys of microsatellites, single nucleotide polymorphisms (SNPs), major histocompatibility complex (MHC) variation, and gene expression. Applications include determination of population structure and appropriate assessment and management units,

Sort by: Organization Name

						identification of stock compositions in mixed-stock fisheries, forensics, evaluation of hatchery and aquaculture broodstocks, identification of prey items in marine mammal diets, determination of evolutionary relationships in teleost fish, and application of biomarkers to identify upregulation and downregulation of specific gene complexes.
Monterey Bay Aquarium Research Institute	Research & Education	Marine Science	CA	np	3	MBARI's current efforts span eight research themes, including: benthic processes, midwater research, upper ocean biogeochemistry, ocean observatories, remotely operated vehicle enhancements and upgrades, new in situ instruments, infrastructure support, and information dissemination and outreach.
Moss Landing Marine Laboratories	Research and Education	Marine Science	CA	np	3	An outfitted Marine Operations department, strong research diving program and state of the art equipment allow for cutting edge research in a wide variety of disciplines including: marine ecology, the biology of marine plants, invertebrates, fishes, turtles, birds and mammals, oceanography, and marine geology, chemistry, and biogeochemistry. MLML is known for a hands-on, field-oriented approach, which places our students, faculty, researchers and staff at the frontiers of marine science worldwide where discoveries are being made.

Sort by: Organization Name

Mote Marine Laboratory	Research and Education	Marine Science	FL	np	4	Mote is dedicated to today's research for tomorrow's oceans with an emphasis on world-class research relevant to conservation and sustainable use of marine biodiversity, healthy habitats and natural resources
NERACOOS	Services	Security	NH	np	4	NERACOOS supports a regional system of buoys, coastal radar stations and ocean forecasts that are making operations in the marine environment safer and more efficient. NERACOOS delivers critical weather and ocean information to mariners when and where they need it. NERACOOS is providing coastal planners and emergency managers with access to critical historic and real-time ocean and weather data as well as detailed forecasts of coastal inundation to help them as they plan for and respond to coastal hazards. Improving water quality, achieving sustainable fisheries and maintaining healthy ocean and coastal ecosystems are priorities in the Northeast. In order to achieve these goals, NERACOOS is collaborating with state and federal agencies, NGOs, industry and academic institutions on developing and implementing an ecosystem approach to management. The exploitation of tidal stream, wind, and wave ocean energy resources within the Northeast region is just getting underway and has the potential to provide a significant source of renewable energy and economic development in the region.

Sort by: Organization Name

New England Marine Renewable Energy Center @ UMD	Energy	Ocean Energy Development	MA	np	3	Organization comprised of academia, government agencies, industry, municipalities, public interest groups and concerned individuals. MREC's focus is to foster the development of ocean based renewable energy (wave, tidal, current and ocean wind). MREC is developing a network of technology developers and energy users who will collectively define the needs of this nascent industry and work to bring together the required technology, capital, infrastructure, human resources to implement ocean renewable energy in the most sustainable manner for the region.
NEW Industries	Equipment Manufacturing	Marine Engineering	LA	p	4	New Industries focuses on large diameter, shop fabricated pressure vessels including tanks for inland and offshore barge transportation of LPG, chlorine and amonia, dry bulk mud tanks for offshore supply vessels and drilling rigs, subsea production hardware including jumpers, PLETs, PLEMs, manifolds and suction piles, process vessels for on- and offshore oil and gas production facilities, gas plants and other process facilities as well as a wide variety of specialty fabrication projects such as DNV certified lifting appliances, portable buildings/cabins and ROV components.
Noise Control Engineering, Inc	Services	Acoustics	MA	p	4	Noise Control Engineering (NCE) is a premier acoustical engineering consulting firm that specializes in noise and vibration measurement & control for marine, industrial and commercial applications. Founded in 1991 by Raymond Fischer, NCE is a Small

Sort by: Organization Name

						Business that readily responds to client needs. We have the experience, tools and innovative ideas to provide cost-effective solutions to all types of acoustical problems.
NortekUSA	Equipment & Manufacturing	Underwater Instruments	MA	p	3	Nortek AS is a scientific instrumentation company that develops and distributes water velocity instruments. Our products are based on the acoustic Doppler principle and span from single point turbulence sensors to long range current profilers. Our customers are scientists, research institutions, and consulting engineers, all with demanding applications requiring state-of-the-art instrumentation that is reliable and easy to use.
Northeast Maritime Institute	Services	Marine Training	MA	p	3	Headquartered at 32 Washington Street in Fairhaven, Massachusetts, NMi Services is recognized as a world leader in training and business support services for government agencies and commercial industries, including transportation, oil and gas, power and utilities, port facilities, and shipping.
Oasis Inc.	Services	Acoustics	MA	p	3	OASIS, Inc. is a small business providing expert consulting services in all areas of underwater and airborne acoustics, noise control technologies, structural acoustics, and instrumentation and data acquisition systems. OASIS has extensive experience performing ocean acoustic experiments in both coastal and deep water. The company has been active in a number of government-funded research efforts fo-

Sort by: Organization Name

						cused on ocean acoustics and oceanography and has developed a real-time system (patent pending) for calculating the position and the transmission loss of a programmable acoustic target. Also, real time advanced signal processing utilizing state-of-the-art DSP (Digital Signal Processing) chips has been a key element applied to automated unmanned vehicles.
Ocean Associates, Inc	Services	Fish Assess-ments	VA	p	4	Ocean Associates, Incorporated provides profes-sional consulting services to government organiza-tions, UN agencies, academia, non-governmental organizations (NGOs), and the private sector. OAI experts have carried out ocean and fisheries projects throughout the world.
Ocean Conservancy	Services	Ocean Conser-vation		np	3	Ocean Conservancy educates and empowers citizens to take action on behalf of the ocean. From the Arc-tic to the Gulf of Mexico to the halls of Congress, Ocean Conservancy brings people together to find solutions for our water planet. Informed by science, our work guides policy and engages people in pro-tecting the ocean and its wildlife for future genera-tions
Ocean Genome Legacy	Biotech-nology	Genomics	MA	np	2	The Ocean Genome Legacy is a non-profit marine research organization and biological specimen repo-sitory dedicated to exploring and preserving the wealth of information contained in the genes (DNA) of endangered, rare, unusual and ecologically critical marine organisms. Its mission is to acquire, authen-

Sort by: Organization Name

						ticate, study, preserve, develop, and distribute genetic materials, biological specimens, information, technology, and standards needed to advance basic and applied non-commercial research. By providing secure storage and broad public access to genomic materials and a forum for sharing samples, data, and ideas, the Ocean Genome Resource collection aims to serve as a catalyst for research that can help to protect marine ecosystems and improve the human condition.
Ocean Observatories Initiative	Research	Ocean Measurement Systems		np	4	The OOI, a project funded by the National Science Foundation, is planned as a networked infrastructure of science-driven sensor systems to measure the physical, chemical, geological and biological variables in the ocean and seafloor. The OOI will be one fully integrated system collecting data on coastal, regional and global scales. Greater knowledge of the ocean's interrelated systems is vital for increased understanding of their effects on biodiversity, ocean and coastal ecosystems, ecosystem health and climate change. OOI will put real time ocean observing data in the hands of a vast user community of oceanographers, scientists and researchers, educators and the public.
Ocean Power Technologies	Energy	Wave Power	NJ	p	2	Leading renewable energy company specializing in cost-effective, advanced, and environmentally sound wave power technology. OPT's PowerBuoy® system integrates patented technologies in hydrodynamics, electronics, energy conversion, and com-

Sort by: Organization Name

						puter control systems to extract the natural energy in ocean waves
Ocean Renewable Power Company	Energy	Tide and Current power	ME	p	3	Since 2004, ORPC has been developing breakthrough technology and eco-conscious projects that use ocean and river currents to produce clean, predictable electricity to power our homes and businesses while protecting our environment. We believe that our ocean and river power systems not only can, but must, be designed to preserve the world's marine ecosystems. They should provide renewable supplies of clean energy that are both reliable and affordable. They should be compatible with other marine industries, and should create quality, sustainable jobs and other economic opportunities in their surrounding communities.
Ocean Sciences Research Institute	Research and Development	Marine Science	CA	np	4	The Ocean Sciences Research Institute is a tax-exempt, private, nonprofit educational and research institution, located in La Jolla, California, and focused on basic and applied research in the marine sciences and environmental policy.
Ocean Specialists Inc.	Services	Consulting	FL	p	4	Specialize in the Ocean Industry by applying Science, Information, and Technology in support of the Offshore, Coastal and Underwater markets around the world. Achieve excellence by attracting top individuals in their fields, then create incentives and provide support for those individuals to reach their full

Sort by: Organization Name

						potential.
Ocean Surveys, Inc.	Services	Marine Survey-ing	CT	p	3	Ocean Surveys, Inc. (OSI) was founded in 1965 to provide industry and government with the technical expertise to acquire and interpret scientific data from both marine and freshwater environments. Company capabilities include hydrographic, oceano-graphic and limnologic, geophysical and geotechnic-al (sediment sampling) survey services.
Ocean Technology Group (University of Miami)	Services	Ocean Mea-surement Sys-tems	FL	p	2	The Ocean Technology Group provides technical and personnel support for sea-going experiments locally, nationally, and around the globe.

Sort by: Organization Name

Ocean Wave Energy Co.	Energy	Wave Energy	RI	p	2	OWECO Ocean Wave Energy Company mission is carbon combustion and nuclear processing reduction, hydrogen/oxygen cycling, and water climate management through utility-scale wave energy conversion to electricity. Founded 1978, in Rhode Island USA, OWECO internationally participates in fostering renewable ocean energy and best practice regulation in the coming sea change. Naturally hydroficient synergy, minimum system geo-engineering, and patented direct-drive technology are applied to high-energy offshore and deep ocean interference waves. The goal is to provide self-supported, quick dis/connectable, and scalable OWEC® Ocean Wave Energy Converter modules having least true cost and environmental impact. The below high or low resolution Windows Media File introduces the OWEC® system and is best viewed with sound.
Oceana	Research and Education	Ocean Conservation		np	3	The largest international organization focused solely on ocean conservation. Offices in North America, South America and Europe work together on a limited number of strategic, directed campaigns to achieve measurable outcomes that will help return our oceans to former levels of abundance. They believe in the importance of science in identifying problems and solutions. Scientists work closely with teams of economists, lawyers and advocates to achieve tangible results for the oceans. Closest regional office is in NY.

Sort by: Organization Name

Oceanic Institute	Research and Development	Aquaculture	HI	np	4	The Oceanic Institute is a not-for-profit, research and development organization dedicated to marine aquaculture, biotechnology, and coastal resource management. The Institute is an affiliate of Hawaii Pacific University. The Oceanic Institute is one of the three organizations that compose the Gulf of Mexico Marine Stock Enhancement Program (GMMSEP), which was created to plan, execute, review, and evaluate broad-based, scientific stock enhancement methods designed to augment conventional restrictive fishery management methods in use by state and federal agencies in the northern Gulf of Mexico.
Oceanic Research Group, Inc	Research and Education	Ocean Conservation	MA	np	4	Oceanic Research Group, Inc. is a non-profit 501(c)(3) organization dedicated to the conservation of the world's oceans and marine life through education.
OceanResearchGroup, Inc.	Services	Commercial Diving	CA	p	3	OceanResearchGroup is solution based company dedicated to training technical divers to explore the worlds oceans. OceanResearchGroup is made up of divers, instructors and people who are curious about our marine environment. We live in stewardship of the oceans by preservation, conservation and documentation. As we develop as better divers we will seek new challenges while refining our skills to have safe practices and procedures.

Sort by: Organization Name

OceanServer Technology, Inc	Services	Software and Systems Design	MA	p	4	OceanServer Technology, Inc. is a privately held company, established in 2003 to develop unique product solutions for embedded and OEM applications. The founders bring a breadth of product development experience from 30 years in the commercial computer industry to focus on innovation opportunities for electronic and electromechanical solutions in the fields of battery-based power management, sensor technologies and robotics. Our products today have been integrated into a variety of applications in the scientific, military, marine, and telecommunications industries.
Oceanweather Inc	Research and Development	Environmental Consulting	CT	p	4	Oceanweather functions as a specialized consulting firm serving the coastal and ocean engineering communities with its unique capacity to integrate several areas of expertise into specification of definitive design data on the physical environment. Oceanweather's approach is to consistently develop and apply its high-level technology to satisfy practical requirements in the areas of marine meteorology, ocean wave and current specification, ocean engineering, and statistics of environmental data. In the past quarter century Oceanweather has performed dedicated hindcast studies and Joint Industry Projects (JIPs) in virtually every ocean basin in the world.

Sort by: Organization Name

Ockam Instruments, Inc.	Equipment Manufacturing	Software and Systems Design	CT	p	2	Knowledge wins races. Ockam Instruments is committed to providing that knowledge: Through accuracy of the most technologically advanced instruments available, through research and development of new race winning techniques through education for you and your crew, and through exemplary service and support, Ockam is the proven leader in performance sailing information systems.
Offshore Wind Development Coalition	Energy	Offshore Wind Energy		np	2	The Offshore Wind Development Coalition (or OffshoreWindDC) is a group of businesses advocating for federal policy initiatives promoting the development of offshore wind farms. These wind farms generate clean, renewable energy and, at utility scale, can each provide enough power to meet the electricity needs of more than 100,000 homes a year.
OffshoreMW	Energy	Offshore Wind Energy	NJ	p	3	OffshoreMW is a leading offshore wind project development company working to bring cost-effective, clean, and safe offshore wind energy to the northeast United States. OffshoreMW is working with the public sector, non-profit organizations, manufacturers, and others to help build a diverse and growing offshore wind industry for the United States.

Sort by: Organization Name

Onsruth Industries Ltd., Inc	Services	Software and Systems Design	NH	p	4	Onsruth Industries Ltd., Inc. (OILI) keeps critical ballast and cargo control instrumentation aboard ships and oil rigs calibrated and up to date. Much of the service provides support services for Trans Sonics and Foxboro instrumentation (aircraft carrier, submarine, super tanker to oil rig) OILI will be there for your needs. In areas where a manufacturer no longer produces a particular item, OILI will rebuild or reverse engineer to provide replacement circuit boards and sensors.
Otolith Research Laboratory	Research	Fisheries Research	NS	gov	5	To the fisheries biologist, the otolith is one of the most important tools for understanding the life of fish and fish populations. Growth rings (annuli) not unlike those of a tree record the age and growth of a fish from the date of hatch to the time of death. Daily growth rings formed in the first year of life, and visible only through a microscope, record daily age and growth patterns in surprising detail. And sophisticated chemical techniques allow the reconstruction of everything from the year of hatch, to migration pathways, to the temperature of the water. Indeed, virtually the entire lifetime of the fish is recorded in the otolith. For that reason, otoliths are used and studied in almost every fisheries laboratory in the world. They also make ideal class or science projects, suitable for both high school and supervised elementary school students.

Sort by: Organization Name

Oxyvision	Services	Water Technology	Øye	p	3	Oxyvision developes and delivers patent protected oxygenation systems since year 2000 for fishfarming, shrimpfarming and other indusry applications.
Pacific Biological Station	Research	Fisheries Research	BC	gov	5	The Pacific Biological Station is the oldest fisheries research center on the Pacific coast and forms part of a network of nine major scientific facilities operated by Fisheries and Oceans Canada. Located in Nanaimo, British Columbia, the Station is home to scientists, technicians, support staff and ships' crews whose common interests are the coastal waters of British Columbia, the Northeast Pacific Ocean, the Western Arctic and navigable waters east to the Manitoba, Saskatchewan border.
Paul E. Luke	Materials and Supplies	Boat Maintenance	ME	p	3	We are noted for our custom marine hardware including our Automatic Feathering Propellers, 3-piece Storm Anchors and our Soapstone Fireplaces - all manufactured in our on-site machine shop. We regularly help a wide variety of clients with projects requiring our technical skills and specialty equipment.
Pearse-Bertram LLC	Equipment Manufacturing	Marine Engineering	CT	p	2	Pearse-Pearson and Bertram Controls have long been recognized as independent distributors that provided exceptional products and services to our respective markets of Industrial Automation/Motion Control and Instrumentation/Process Control.

Sort by: Organization Name

Pew Environmental Group	Research and Development	Fisheries Research		np	3	The cornerstone of our marine program has always been to encourage the sustainable management of fisheries. To accomplish this goal, we focus primarily on influencing fisheries policy and related management decisions in ways that halt overfishing; significantly reduce the incidental catch and killing of fish and other marine life; prevent the destruction of marine habitat; and encourage an ecosystem-based approach to fisheries management. For two decades, the Pew Environment Group has been dedicated to the dual issues of energy supply and demand, as well as climate change. As one of the first organizations to recognize the need to address these issues, Pew has advocated for the adoption of policies to increase energy efficiency, encourage the deployment of renewable forms of energy and reduce greenhouse gas emissions.
Pharmamar Usa, Inc	Biotechnology	Biopharmaceuticals	MA	p	2	PharmaMar is a unique biopharmaceutical company, specializing in the discovery of new molecules for oncology treatment from organisms living in the sea.
Pine Hill Equipment, Inc.	Services	Marine Engineering,Equipment Manufacturing, Fisheries Related	MA	p	4	Pine Hill Equipment manufactures and sells a wide variety of marine and industrial hydraulic products. We also manufacture our own products since 1972, including custom hydraulic systems, winches and much more. We have the ability to build custom systems for any application, including marine, commercial, construction, etc.

Sort by: Organization Name

PMI Industries Inc	Equipment Manufacturing	Underwater Cabling	OH	p	5	PMI provides underwater cable products & services to customers worldwide. We interface closely with our customers working in ocean industries as well as educational and research institutions who endeavor to explore marine frontiers.
Poseidon Sciences	Research and Development	Marine Science	NY	p	4	Poseidon has three areas of major interest: (1) Solutions to environmental and commercial technologies adversely affecting our oceanic environment; (2) Innovations in the artificial culture of marine and freshwater organisms of economic importance; and (3) the development of natural compounds for use in medical treatments. The first has led to the development of a novel concept that prevents the attachment of barnacles, accomplished through the use of environmentally friendly biochemicals instead of deadly man-made toxins that are now slowly killing our oceans. The second has led us to ways of producing marine food organisms that reduce the harvesting pressures on natural populations. The third has resulted in the discovery of compounds for skin diseases, diabetes and malaria control.

Sort by: Organization Name

PR Aqua	Equipment Manufacturing	Aquaculture	BC	p	4	For over twenty years our clients have been achieving improved efficiencies and productivity with help from the diverse Design, Engineering, and Manufacturing strengths of PR Aqua. Our depth of experience, knowledge, and expertise with intensive aquaculture systems gives us the edge in providing advanced technologies to meet our clients' production expectations. Our success is measured by our clients' success and the evidence can be seen in a wide variety of aquaculture applications in North America and around the World. From research facilities to hatcheries and growout operations, PR Aqua is the name first considered as the most comprehensive solution provider in the aquaculture industry.
Principle Power Inc	Energy	Offshore Wind Energy	WA	p	4	Principle Power is a technology developer focused on the deep-water (greater than 50m) offshore wind energy market. Principle Power's enabling product, a floating wind turbine foundation called WindFloat, provides for siting of offshore wind turbines independent of water depth, thus exploiting the world's highest capacity wind resources. Deep-water offshore wind installations, to date, have not been feasible due to economic and technological limitations.
Puretech Ventures	Services	Technology Incubator	MA	p	3	We are not a venture fund or an incubator. We proactively form companies and drive them forward as the primary founder. PureTech's mission is to give life to breakthrough technologies in order to

Sort by: Organization Name

						develop the most promising innovations into cures. As an “institutional entrepreneur”, PureTech proactively creates new companies through a rigorous, systematic approach.
Pyrcon	Research and Development	Acoustics	RI	p	3	Pyrcon, LLC is a 3-year-old start-up spun off the University of Rhode Island. Pyrcon is developing a forward-looking sonar that can detect the presence of underwater obstacles out to 2 nautical miles. The sonar will be wet-installable on the bow of large commercial vessels. This multi-beam phase-array sonar can provide a map of bottom depth that could be useful for navigating in risky harbors. SOCP members are currently looking at evaluating this new technology on their vessels to reduce the risk of coming in contact with underwater obstacles. 'Underwater avoidance sonar systems.
QPS	Equipment Manufacturing	Underwater Imaging	NH	p	2	Fledermaus allows users near real-time, interactive 3D display of very large complex scenes at their full resolution. Users rapidly gain insight and extract more information from their combined data (data sets such as multi-beam, LIDAR, magnetic and gravity, in fact any surface data that has an x, y, z, variables format). Fledermaus is used across many industries by a variety of disciplines such as geoscientist, oceanographers and hydrographers. Data such as backscatter, side scan, geo-referenced aerial photographs or images (still images from an ROV) can be draped over topographic or bathymetric data sets.

Sort by: Organization Name

Quest Marine Services	Services	Oceanography	MA	p	2	Provides a wide range of marine services to clients based primarily in the NE US. Marine surveying and consulting services are provided worldwide. These services include: Multidisciplinary oceanographic services, ocean engineering support, submerged cultural resource management, Research and Development of Oceanographic Engineering Systems support services, Instrumentation deployment, testing and recovery, remote sensing operations and surveys, bathymetric surveys, scientific study support, cable laying, film team support, diving and salvage operations, marine surveying and consulting.
Raymarine Inc	Equipment Manufacturing	Boating Electronics	NH	p	4	With headquarters in Nashua, New Hampshire, Raymarine Inc. is dedicated to the design, manufacture and distribution of the highest quality marine electronic products and services to the worldwide recreational and light commercial markets. Our commitment to the marine industry spans over 80 years of product development and boasts a comprehensive range of products from GPS chartplotters and VHF radios to HD Digital fishfinders, instruments, radar, autopilot, satellite television, software systems and more. Recognized for its innovation, Raymarine is uniquely able to deliver new and exciting technologies never before applied to the recreational marine market.

Sort by: Organization Name

Reading Information Technology, Inc (RITI)	Services	Software and Systems Design	MA	p	4	A software engineering and technical service company specializing in marine information technology and GIS.
Regional Technology Development Corp.	Sercvices	Technology Incubator	MA	np	4	The Regional Technology Development Corporation (RTDC), located in Woods Hole, Massachusetts, is a not-for-profit “virtual incubator” with the mission to facilitate technology transfer and technology commercialization from affiliated local research institutions. Offers a variety of services for new, emerging companies.
Renewable Energy Systems Ltd.	Energy	Design and Engineering	CO	p	3	RES offers end-to-end services for utility-scale marine and wind energy projects worldwide. From offshore wind to wave and tidal, we brings to projects the considerable skills and experience that we have acquired over 30 years in the renewable energy industry. We know this sector inside out; our skills include: site selection, project design & engineering, wind farm layout and energy yield analysis, grid connection design, wind turbine and electrical system procurement, project management, operation and maintenance, health & safety.
Resolute Marine Energy	Energy	Wave Power	MA	p	4	Resolute Marine Energy, Inc. (RME) is developing wave energy converters (WEC) that generate clean energy from ocean waves. Our near-term goal is to complete development and commercialization of a wave-driven seawater desalination system that operates completely “off-grid” and fills a huge gap in

Sort by: Organization Name

						the market for seawater desalination systems.
Rhode Island Sea Grant	Services	Ocean Conservation	RI	p	3	Based at the University of Rhode Island (URI) Graduate School of Oceanography, Rhode Island Sea Grant is a partnership of the university, the National Sea Grant College Program, the National Oceanic and Atmospheric Administration (NOAA), and the state of Rhode Island. Rhode Island Sea Grant has the distinction of being one of the first four Sea Grant programs in the U.S. It is also home to one of only four Sea Grant Legal Programs in the country—the only one in the Northeast—located at Roger Williams University School of Law. The program supports research, extension, legal, and education programs that address issues in the thematic areas of sustainable coastal development, healthy coastal ecosystems, and safe and sustainable seafood.
Ritchie Navigation	Equipment Manufacturing	Boating Electronics	MA	p	4	For over 150 years, from the first liquid dampened compass to today's modern PowerDamp dial designs our Engineering Department has been critical to the development of the modern marine compass. Today, sophisticated computers and specialized instrumentation also allow Ritchie Engineers to develop better and more efficient ways to build compasses. itchie Compasses have won many awards for design and engineering excellence in the past 150 years. An early Ritchie liquid filled compass with a

Sort by: Organization Name

						floating dial is exhibited in the Albert Museum of Science and Industry in England, proudly displayed along with a collection of nautical instruments created by the famous Lord Kelvin.
Roffer's Ocean Fishing Forecasting Service, Inc. (ROFFS™)	Services	Fish Assess-ments	FL	p	4	Roffer's Ocean Fishing Forecasting Service, Inc. (ROFFS™) is a scientific consulting company based in Miami and West Melbourne, Florida (U.S.A.) that is involved with fisheries oceanography, environmental science, and satellite remote sensing. All of our operational fish forecasting products are designed to allow fishing vessels to concentrate their fishing effort in the most productive waters to increase operational efficiency. The analyses incor-porate numerous factors including water tempera-ture, water color, orientation of local currents, his-tory of ocean fronts, bottom topography, biological quality of the water (chlorophyll, plankton, colored dissolved organic matter, etc.), forage preference of the target species, availability of forage, as well as, habitat preference of the forage and target species.
Ryan Marine, Inc	Services	Chartering	MA	p	5	Ryan Marine Inc. was established in 1998 as a versa-tile marine and charter service company that can accommodate commercial applications along the eastern seaboard of the US. We continually add new equipment and personnel to meet the needs of the

Sort by: Organization Name

						marine and science industries. Specialized in coastal research, dive tending, recovery & deployment of equipment, towing & salvage, crew movement, construction support, site & project management.
Sample6 Technologies, Inc.	Biotechnology	Diagnostics	MA	p	2	Sample6 Technologies is a dynamic startup company at the intersection of breakthroughs in synthetic biology, sensors, and data modeling and visualization. The company's mission is to improve the health and safety of global consumers by building integrated systems that can quickly and easily detect harmful and unwanted bacteria in the food, healthcare, and other industries.
Schilling Robotics	Equipment Manufacturing	ROV		p	5	We are consistently raising industry standards with our line of ROV systems, manipulator systems, and subsea control systems. Schilling is strategically partnered with FMC Technologies, Inc., a leading global provider of subsea oil and gas production equipment. Together, we solve the challenges of deep water oil and gas production, a segment of the energy industry on a trajectory of long-term growth.
Schmidt Ocean Institute	Research	Ocean Measurement Technology Improvement		np	2	Schmidt supports research and exploration projects that expand the understanding of the world's oceans through technological advancements, data-rich observation and analysis, and open sharing of information. We combine advanced science with state-of-the art technology on our globally capable research vessel to create a lasting legacy in ocean exploration and research, catalyze open sharing of information about the oceans, and foster deeper

Sort by: Organization Name

						understanding of our environment. We openly communicate our findings to global audiences.
Scientific Solutions, Inc	Services	Marine Engineering	NH	p	3	SSI provides an array of advanced solutions that includes undersea detection research and development programs to protect the world's ports. We utilize proprietary as well as COTS hardware and custom software along with our unique signal processing systems. Our solutions are provided over a state-of-the-art communication backbone. SSI products insure maximum performance to enable our customers to protect and defend with reliability and peace of mind.
Sea Sciences, Inc.	Equipment Manufacturing	Ocean Measurements	MA	p	2	Sea Sciences Inc. was established in Arlington, Massachusetts, USA in 1997. The company's goal is to design and manufacture portable, field-useable instrumentation for coastal and freshwater research. Our field products can be used from small boats and need only a minimum of preparation. Our main product line is based on the AcrobatTM, a versatile computer driven tow body which supports a host of R&D instrumentation selected by the user.

Sort by: Organization Name

Seabait Maine, LLC	Fish & Fishing	Aquaculture	ME	p	3	Seabait (Maine) LLC was formed by parent company Seabait Ltd in the UK. One of the company founders, Peter Cowin moved to Maine to establish operations here in 2001. Seabait worked with the CCAR to develop the worlds first indoor recirculating marine polychaete worm farm. The market for sandworms as fishing bait in the USA is well established but now under-supplied due to declining wild catches. There is also a worldwide market for frozen sandworms as a high value, pathogen free shrimp broodstock feed.
Sea-Bird Electronics, Inc.	Equipment Manufacturing	Software and Systems Design	WA	p	3	Sea-Bird Electronics, Inc**.** is the largest manufacturer of marine instruments for measurement of salinity, temperature, pressure, dissolved oxygen, and related oceanographic variables. Major products include Conductivity/Temperature/Depth (CTD) profilers, multi-bottle *in-situ* water samplers, moored CT recorders, wave/tide recorders, dissolved oxygen sensors, and thermosalinographs
SeaBotix Inc	Equipment Manufacturing	ROV	CA	p	2	SeaBotix is the world leading manufacturer of Mini-ROV systems with a pedigree of underwater expertise. A dedication to providing a capable underwater solution unlike anything else.

Sort by: Organization Name

Seanic Ocean Systems	Equipment Manufacturing	Subsea Support Services	TX	p	3	From launch to job execution to recovery, Seanic Ocean Systems understands deepwater operations due to our diverse experience. We consistently deliver High Quality Engineered Solutions, based on real-world experience, saving you time and money. Custom, quick-turnaround Intervention tooling empowers your ROV to successfully do the tough jobs your customers demand. From engineering to FAT, we build products that perform. Dependable, field-proven standard product line tools are available to Purchase or Rent today. Our comprehensive toolbox is comprised of custom and standard products, specifically designed to meet today's challenging subsea operations.
Seapoint Sensors, Inc	Equipment Manufacturing	Ocean Measurements	NH	p	4	Seapoint Sensors, Inc. is one of the world's leading manufacturers of underwater optical sensors. Our sensors are known for their high performance, low power consumption, and 6000 meter depth rating. They can be used for in-situ measurements in fresh and salt waters including the most extreme of conditions, and for in-line industrial applications. Seapoint sensors are easily interfaced with a wide variety of third party equipment such as submersible dataloggers and CTD systems, handheld and benchtop dataloggers and displays.

Sort by: Organization Name

Seaver Engineering Associates	Equipment Manufacturing	Marine Engineering	MA	p	2	Oceanographic Services
Shark Marine Technologies Inc.	Equipment Manufacturing	Underwater Instruments	Ontario	p	4	Shark Marine Technologies Inc. is an industry leader in delivering new and innovative technologies to the underwater industry. Your underwater technology specialists since 1984, Shark Marine's founding mandate was to deliver underwater products and services that are innovative, high quality, dependable and cost effective. Shark Marine has delivered on that mandate and has gained global respect for its developments in undersea technology, the expertise it brings to on site operations, and the creative solutions it delivers to unusual and challenging applications.

Sort by: Organization Name

Shoreline Environmental Research Facility	Research	Ocean Measurement Technology Improvement	TX	np	3	The Shoreline Environmental Research Facility (SERF) endeavors to parallel its research strategies such that they align with those of national significance. Specifically, SERF's programmatic research theme is similar to that proposed by the National Science Foundation (NSF), entitled “Collaborative Large-Scale Engineering Analysis Network for Environmental Research”, or CLEANER. CLEANER is an initiative for collaborative research to support adaptive and sustainable environmental management, with the ultimate objective of facilitating a dynamic network for national and international coastal margins research and policy-making. SERF stresses sensor development, deployment, and applications for data collection (both geo-referenced fine-scale spatial surveys and fixed-point time-series), information synthesis, and analysis for integrative predictive whole coastal ecosystem modeling based on in-situ continuous, periodic, and episodic monitoring.
SIDUS Solutions Inc.	Services	Security	CA	p	5	We are ready for the deep, for very remote areas, for highly hazardous locations and for extreme conditions. SIDUS is ready to deliver the capability to observe your target as if you were right there, regardless of the elements! For outstanding security, safety, asset and facility management, we’ve put eyes exactly where you need them.

Sort by: Organization Name

SIECAT Wave Energy Accumulator	Energy	Wave Power	Ontario	p	3	The almost limitless supply of wave energy on our oceans and large bodies of water is powered by the sun, is totally sustainable, renewable, Green House Gas (GHG) emissions free, and cries out to be harvested by a viable technology. The vision, at Solar Inspired Energy Inc, is that our unique and proprietary SIE-CATTM Wave Energy Accumulator technology, and further patent enhancements, provides the key to the viable capture of this bountiful but elusive energy, providing Electricity, Hydrogen via electrolysis, and Potable Water via Reverse Osmosis. We look upon the exuberance of the ocean environment, not as a challenge, but rather as an opportunity. This limitless supply of ocean energy off Canada's three shores will support the hydrogen economy, and lead society away from its dependence on hydrocarbons. The world's supply of hydrocarbons needs to be preserved for more valuable commodities than as an internal combustion fuel. The SIE-CATTM technology will spawn the greatest industry, the Energy Industry, as society mines the ocean's surface.

Sort by: Organization Name

Simplex Technologies	Equipment Manufacturing	Communication	NH	p	2	Simplex Technologies Inc. is a world leader in the design, manufacture, and servicing of cable products. The Simplex facility in Newington, New Hampshire, has more annual throughput capacity for undersea fiber-optic cable than any other single cable facility in the world. Simplex manufactures long-length undersea fiber-optic telecommunications cable as well as cable and cable assemblies for use in data-gathering systems for the U.S. Navy. Other products include flexible pipe capable of transferring oil, gas, water and other fluids beneath the sea, and power cables for electric utilities. Simplex also performs marine-engineering services related to its cable operations. The company sells its products to the U.S. Department of Defense and to telecommunications companies. Simplex is an ISO 9001 certified company.
Skidaway Institute of Oceanography	Research and Education	Oceanography	GA	np	4	Multidisciplinary research institution within the University System, is located on a 700 acre campus on Skidaway Island, 16 miles southeast of Savannah. The Institute sits on the banks of the Skidaway River, with access to a diverse range of estuarine and coastal habitats. Its remote pristine location, convenient to coastal and ocean waters, guarantees a constant influx of visiting scientists and students seeking access to state-of-the-art research facilities, accessible research locations, and opportunities for collaboration with Skidaway Institute's interdisciplinary and internationally-recognized research facul-

Sort by: Organization Name

						ty.
Slater Center for Marine and Evnironmental Technologies	Services	Technology Incubator	RI	p	4	Building on Rhode Island's strong maritime heritage and commitment to its natural resources, the mission of the Slater Center for Marine and Environmental Technologies is to accelerate the transfer of ideas and innovations from Rhode Island's scientists, engineers, entrepreneurs, and research institutions into new technology businesses. The Center supports startup ventures by helping them to convert their promising ideas from scientific concepts to marketable products, through seed funding, business services, strategic partnerships and collaborations, and finally to access institutional capital for future growth. The Center's ultimate objective is to stimulateRhode Island entrepreneurships and economic growth for its residents.
Smithsonian Environmental Research Center	Research and Education	Marine Science	MD	np	4	The Smithsonian Environmental Research Center (SERC) leads the Nation in research on linkages of land and water ecosystems in the coastal zone and provides society with knowledge to meet critical environmental challenges in the 21st century.

Sort by: Organization Name

Smithsonian Marine Station at Fort Pierce	Research and Education	Marine Science	FL	np	4	The overall mission of the Smithsonian Marine Station at Fort Pierce is support and conduct of scholarly research in the marine sciences, including collection, documentation and preservation of south Florida's marine biodiversity and ecosystems, as well as education, training, and public service. Specific research emphases are:
SonaTech	Research and Development	Acoustics	CA	p	3	Sonatech is a leader in the design and development of underwater navigation and sonar equipment for the U.S. Navy and various other U.S. and foreign government, research, and military customers. The objective of Sonatech is to provide quality products that meet or exceed customer performance requirements utilizing the continuous improvement of procedure, processes, and materials.
Sound Metrics	Equipment Manufacturing	Underwater Imaging	WA	p	3	Sound Metrics imaging sonars transmit sound pulses and convert the returning echoes into digital images, much like a medical ultrasound sonogram. The advantage is that they can “see” what’s going on through dark or turbid (cloudy) water in zero visibility conditions. The performance of an imaging sonar—from the distance at which they can detect an object, to the clarity of the image, to the number of images they can display per second—are determined by a number of specifications, most notably the operating frequency, acoustic beamwidth and processing power and time to form an image. Sound Metrics sonars use acoustic lens technology which forms beams instantaneously using zero power. The

Sort by: Organization Name

						company's line of products can be deployed from vessels, ROVs (remotely operated vehicles), AUVs (autonomous underwater vehicles) and by divers.
Sounder Standards Inc.	Equipment Manufacturing	Acoustics	NH	p	3	Manufacturer echo sounder, sonar performance testing equipment,
SoundWaters	Research and Education	Ocean Conservation	CT	np	2	The mission of SoundWaters is to educate children and adults about the wonders and beauty of Long Island Sound and its watershed. Through education, SoundWaters provides people with an understanding and awareness of the changes they can make in their lives and communities to restore, protect and preserve Long Island Sound and the Environment.

Sort by: Organization Name

South Florida Ocean Measurement Center	Research	Environmental Research	FL	np	5	This new center was founded through a Federal-Academic partnership. A Congressional grant, along with a combination of other federal and state money is being used to construct this exciting new facility which includes an extensive natural in-water laboratory being built with the guidance of the Office of Naval Research (ONR). This comprehensive in-water installation is located off shore in Dania, just south of Ft. Lauderdale, Florida in an area with a wide variety of environmental conditions. It also includes living reefs and is located where the continental shelf break is only 3 miles from shore. Real time environmental data covering the atmosphere through the air/ocean interface and down to the sub-bottom is available, an autonomous underwater vehicle(AUV) docking station is permanently installed, providing the ability to operate AUVs in virtually any weather, and remarkable opportunities to examine interactions between biology and physics in the region.
SRI International	Research	Ocean Measurement Technology Improvement	CA	np	5	SRI International is an independent, nonprofit research institute conducting client-sponsored research and development for government agencies, commercial businesses, foundations, and other organizations. We bring our innovations to the marketplace through licenses and new ventures. Since our founding in 1946 by Stanford University, SRI has been committed to discovery and to the application of science and technology for knowledge, com-

						merce, prosperity, and peace. SRI became independent of the university in 1970, and we changed our name to SRI International in 1977.
St. Andrews Biological Station	Research	Marine Science	New Brunswick	gov	5	Over the past century, the St. Andrews Biological Station (SABS) has become recognized nationally and internationally for its contributions to marine science. The current aim of SABS is to provide the scientific basis for management of human activities, with a focus on the Bay of Fundy and Gulf of Maine and taking advantage of unique seawater facilities, under an umbrella of applied coastal ecosystem science. A large portion of our work is collaborative with universities, environmental groups, aquaculture and fishing industries, and this is facilitated by co-location with the Huntsman Marine Science Centre.
Star-Oddi	Equipment Manufacturing	Ocean Measurement Systems	Iceland	p	2	Star-Oddi is a manufacturer of innovative scientific research tools, mainly data loggers for ecosystem and animal studies. Products include submersible and implantable temperature loggers, sensors such as depth (pressure), salinity (conductivity), tilt angle, light, humidity, acoustic and magnetic field strength.

Sort by: Organization Name

SubChem Systems, Inc	Equipment Manufacturing	Ocean Measurement Technology Improvement	RI	p	3	is a Rhode Island small business, and contractor for the US Department of Defense. Our company offers specialized submersible chemical analyzers for nutrients, trace metals and other chemicals of interest. We also provide environmental data collection and analysis software, environmental and ocean engineering consulting services, and technical support for water quality monitoring in freshwater, coastal and ocean observation programs. The primary goal of our company is to develop and provide new and improved technology to the global environmental, oceanographic and defense markets - submersible chemical analyzers and sensor systems for water quality monitoring and underwater surveillance.
Sygnus Technology Inc	Services	Software and Systems Design	MA	p	3	Sygnus Technology, Inc. produces technology-based solutions for commercial and military underwater applications. Founded in 1993, Sygnus has provided custom technology development and systems integration services in the areas of underwater telemetry, sonar signal processing, and speech processing.
SyQwest	Equipment Manufacturing	Acoustics	RI	p	5	Syqwest Inc.has a dedicated staff of professionals whom strive to provide exceptional and innovative acoustic solutions to our global marketplace. Our engineering staff has over 150 years of combined experience in sonar and acoustic solutions. We have provided innovative product designs for applications in; marine hydrographic and geophysical surveying as well as military sonar markets worldwide. Our principal technologists are prior employees of

Sort by: Organization Name

						Raytheon and have significant experience in the design, manufacturing and support of sophisticated acoustic instrumentation. Our products are of the highest quality and are “best of breed “in price and performance characteristics. Over the past ten years we have delivered over 3,000 sonar systems to satisfied customers worldwide.
Technology Systems Inc	Services	AUV/R&D	ME	p	3	Technology Systems, Inc. (TSI) is a leading innovator with a 30-year track record in software and systems integration of emerging technology. Our work covers the spectrum from contract research and development to delivering final products that reflect our advanced R&D. Our unique business approach allows us to maintain top quality in our projects and fosters levels of creativity and productivity unparalleled in the industry.
Tension Technology International, Inc.	Services	Marine Engineering	MA	p	3	Marine Consultancy/Engineers: world recognized capabilities in fibre technology; ballistic fabric response; ocean, mechanical, marine and civil engineering; marketing; standards; quality assurance programs; rope technology and termination technology. TTI knows the ropes: We know how to select them (from the thousands available), to design them, to install them, to use them, to inspect them, to retire them. We will help you avoid the delays, expense and inadequate service life which can follow the use of the wrong material or construction.

Sort by: Organization Name

						Consultancy, design and engineering service in ropes, textiles and marine systems
The Aquaculture Communications Group	Services	Aquaculture	MI	p	2	The Aquaculture Communications Group (ACG) specializes in aquaculture science and technology (S&T) information services, providing information & knowledge management, information & technology transfer, communications & public relations, and project management services to companies, governments, and organizations involved in aquaculture and related activities.
The Coastal Education and Research Foundation	Research and Education	Environmental Management	FL	np	2	The Coastal Education and Research Foundation [CERF] is a nonprofit corporation dedicated to the advancement of the coastal sciences. The Foundation is devoted to the multi-disciplinary study of the complex problems of the coastal zone. The purpose of CERF is to help translate and interpret coastal issues for the public and to assist professional research and public information programs.The Foundation specifically supports and encourages field and laboratory studies on a local, national, and international basis. Through the medium of scientific publications, television, and radio, CERF brings accurate information to the public and coastal specialists on all aspects of coastal issues in an effort to maintain or improve the quality of shoreline resources.

Sort by: Organization Name

						Because CERF is concerned with broad environmental issues, its efforts concentrate on significant problems such as maintenance of good quality (potable) water with adequate supply, and hazards associated with potential beach erosion, flooding, and susceptibility of developed shorelines to storm surge and wave attack. By focusing attention on these potential man-made and natural hazards, it is hoped that CERF's research efforts will help others improve the quality of life in diverse coastal areas. CERF thus aims to stimulate awareness of coastal (marine and fresh-water shorelines) land and water problems; initiate and foster research and innovation to promote long-term coastal productivity; establish an educational forum for the debate of contentious coastal issues; and develop new principles and approaches for enlightened coastal management, and encourage their adoption and use.
The Forepeak	Materials and Supplies	Boat Maintenance	MA	p	3	The Forepeak at 89 Front Street in Marblehead has marine supplies for everyone. We've got a large assortment of lines, paints and maintenance supplies. And all the nuts and bolts you need to keep a boat going. Harken fittings, Navtec rigging and hydraulic repairs, Westerbeke and Universal engines.
The Guest Company, Inc	Materials and Supplies	Power Supplies	CT	p	4	Guest has been an expert in battery and charging technologies for over 30 years. Guest's recreational battery chargers are widely used throughout the boating industry because of their unsurpassed capacity to withstand exposure to extreme weather,

Sort by: Organization Name

						rough handling and poor dockside power quality. (www.guestco.com)
The Institute of Ocean Sciences	Research	Marine Science	BC	np	3	The Institute of Ocean Sciences has earned international recognition for its work in ocean sciences. Its more than 250 scientists and researchers are dedicated to providing up-to-date information on all elements of oceanography, including fisheries and ocean research, environmental science and hydrography. They also work closely with staff at other Fisheries and Oceans' labs in BC.
The Laboratory for Oceanographic and Environmental Research	Research and Education	Marine Science	TX	np	3	The Laboratory for Oceanographic and Environmental Research (LOER) was organized in 1989 at the Fort Crockett Campus of Texas A & M University in Galveston as a research arm of the Department of Marine Science. The primary mission of LOER is to provide state of the art common access analytical facilities and support for coordinated interdisciplinary research efforts in environmental and biogeochemical studies. Numerous research scientists, postdoctoral investigators, graduate and undergraduate students, and staff interested in marine and aquatic environmental research also use LOER facilities. LOER maintains a close affiliation with and receives support from the Coastal Zone Laboratory and the Texas Institute of Oceanography.

Sort by: Organization Name

The Marine Invasions Research Lab (SERC)	Research	Marine Science	MD	np	3	The Marine Invasion Research Laboratory has a staff of approximately 25 biologists, who conduct research throughout the country and overseas. Since its inception 13 years ago, the laboratory has been a nationwide training center in invasion ecology for roughly 35 technicians, 4 graduate students, 5 postdoctoral researchers and 40 undergraduate summer interns.
The Marine Science and Technology Foundation	Research and Development	Ocean Measurement Technology Improvement	CA	np	5	The Marine Science and Technology Foundation (MSTF) is a non-profit, private operating foundation dedicated to advancing technology in oceanographic research. Vision: We cultivate deeper understanding of the marine environment through innovative platform technology, intelligent sensing, and open sharing of information.
The Massachusetts Office of Coastal Zone Management	Services	Environmental Management	MA	gov	4	The Massachusetts Office of Coastal Zone Management (CZM) is a part of the Executive Office of Energy and Environmental Affairs (EEA). Our mission is to balance the impacts of human activity with the protection of coastal and marine resources. As a networked program, CZM was specifically established to work with other state agencies, federal agencies, local governments, academic institutions, nonprofit groups, and the general public to promote sound management of the Massachusetts coast. CZM is funded primarily through theCommonwealth of Massachusetts, the National Oceanic and Atmospheric Administration (NOAA), and the U.S. Environmental Protection Agency (EPA).

Sort by: Organization Name

The National Centers for Coastal Ocean Science	Research and Education	Marine Science	MD	p	5	NCCOS's mission is to provide coastal managers with scientific information and tools needed to balance society's environmental, social, and economic goals.
The Ocean Sciences Centre	Research and Education	Marine Science	NL	np	4	The Ocean Sciences Centre is a cold ocean research facility operated in conjunction with Memorial University of Newfoundland. Located in Logy Bay, NL, the Centre houses laboratories where research is conducted on the North Atlantic fishery, aquaculture, oceanography, ecology, behaviour and physiology. Research is conducted on organisms ranging from bacteria to seals.
The Oceanscience Group	Equipment Manufacturing	Ocean Measurement Systems	CA	p	3	The Oceanscience Group is a world leader in development of oceanographic, hydrographic, and hydrologic deployment equipment designed to save survey time and improve data quality. Our major products are remotely-controlled and tethered instrumentation deployment boats for acoustic Doppler current profilers, the UnderwayCTD and UnderwaySV that introduced the possibility of affordable and compact profiling from a moving vessel, and the popular Sea Spider and Barnacle seafloor platforms. We supply turnkey remote hydrographic survey boat systems to individual project specifications, typically including environmental monitoring or bathymetry equipment, GPS positioning and data telemetry. Our experienced ocean engineers can design customized equipment deployment buoys, and we are the supplier of the Clamparatus ADCP frame to NOAA for the PORTS Aid to Navigation

Sort by: Organization Name

						(ATON) system.
The Provincetown Center for Coastal Studies	Research and Education	Marine Science	MA	np	2	The Provincetown Center for Coastal Studies sits at the end of the land and the beginning of the sea. Our vantage point, at the tip of Cape Cod, allows us to work in the midst of an extraordinary ecosystem where all things converge. It is the place where the temperate zone and the sub-boreal zone meet, where the sandy shore knows its northernmost reach and the rocky shore is about to begin. The explosion of upwelling nutrients just offshore and the convergence of many habitats means an explosion of wildlife as well, a home to feed and breed for shorebirds and turtles, whales and dolphins, seals and ground fish, sponges and periwinkles, sea urchins and sand dollars.
The Whitney Laboratory for Marine Bioscience	Research and Education	Marine Science	FL	np	3	The Whitney Laboratory for Marine Bioscience is a research institute of the University of Florida. The Lab's mission is to use marine organisms in basic biological research, and to apply, where possible, the environment; to train future experimental biol-

Sort by: Organization Name

						ogists; and to contribute to public education and to the formulations of the policy in basic research and marine science.
The Woods Hole Group, Inc.	Research and Development	Marine Science	MA	p	3	Woods Hole Group is an international environmental, scientific, and engineering consulting organization headquartered in Falmouth, Massachusetts. We are committed to meeting our clients' objectives and at the same time safeguarding the environmental health of our planet. This requires a fundamental understanding of the laws of Nature and a willingness – and ability – to challenge long-accepted notions of what can and cannot be done.
The Urban Harbors Institute (Umass Boston)	Services	Environmental Management	MA	np	4	The Urban Harbors Institute (UHI) is part of the University of Massachusetts Bostonand is therefore able to bring a well-rounded and academic approach to providing expert advice on environmental problems and issues. UHI offers technical assistance and advisory services in fields such as urban planning, coastal and harbor planning, natural resource management, marine industry master planning, water transportation and geographical information systems. Additionally, UHI undertakes meeting facilitation and conference and workshop coordination.

Sort by: Organization Name

True North Technologies	Equipment Manufacturing	Boating Electronics	MA	p	4	True North Technologies develops and manufactures custom products for marine, air, and land-based applications with a concentration in electronic compassing. Our products include custom designed electronic compasses for marine and land use in recreational, commercial, and industrial markets. In addition to products for OEM customers, True North has developed the TNT REVOLUTION™, an off-the-shelf strap-down electronic compass sensor for scientific, agricultural, oceanographic, robotic, and geological applications.
Ultra Electronics Ocean Systems	Equipment Manufacturing	Software and Systems Design	MA	p	3	Ultra Electronics Ocean Systems is a recognized technical leader in the design, development, manufacture and support of undersea defense electronics equipment and systems. We have been a major DoD supplier for over 50 years and take pride in having successful partnerships with small business and research laboratories. Our long history with submarine communications, acoustic countermeasures, torpedo defense, Anti Submarine Warfare (ASW), transducers, and special purpose arrays are highlighted by the significant number of industry achievements that we continue to demonstrate within the defense community.

Sort by: Organization Name

URI Graduate School of Oceanography	Research and Education	Oceanography	RI	np	4	For five decades, studies of the ocean and marine environments have been a central focus of research and teaching at the University of Rhode Island Graduate School of Oceanography (GSO). Located on the water's edge at the University's Narragansett Bay Campus, GSO is an internationally respected oceanographic institution with a longstanding sea-going tradition. Founded in 1936 as the URI Narragansett Marine Laboratory, and reorganized as the Graduate School of Oceanography in 1961, GSO is the state's center for marine studies and cutting-edge research and outreach. GSO was founded as an institution without rigid boundaries between oceanographic sub-disciplines of biological, chemical, geological, and physical oceanography as well as archaeological oceanography and atmospheric chemistry. The result is a collegial school - an ideal setting for students, faculty and staff to collaboratively address the science questions and challenges of today.
Vast Explorer, Inc	Services	Chartering	MA	p	5	VAST Explorer is a 70 ft. aluminum hull research vessel. It has twin screw 750 hp. Diesels. It accommodates up to nine people in comfort. It is equipped with a 1200 kilo crane, a Hyab knuckle crane, full stern ramp, two labs, an onboard ROV; plus side-scan and DGPS. The vessel is available for oceanographic studies, cable and pipeline route surveys, ROV surveys, and underwater archeological survey and recovery.

Sort by: Organization Name

VideoRay	Equipment Manufacturing	ROV	PA	p	2	ROV's that can be used for: Aquaculture Broadcast HD,Commercial Diving, Educational, Infrastructure, Law Enforcement, Hydroelectric, Offshore, Military, Science & Research, Sport, Water Management
Virginia Aquaculture Association	Research and Education	Aquaculture	VA	P	2	Advocate just and proper laws and regulations that may be necessary for the advancement, promotion, expansion, and well-being of the aquaculture and mariculture businesses in Virginia. Conduct and support activities to assist in the development of these businesses in Virginia, including workshops and farm tours. Pave the way for the future of aquaculture by supporting youth aquaculture initiatives. Compile and communicate research needsof the industry to Virginia's aquaculture research institutions. Promote the products and services of members; And, promote public education
Virginia Institute of Marine Science	Research and Education	Marine Science	VA	P	4	The Virginia Institute of Marine Science (VIMS) has a three-part mission of research, education, and advisory service. Our over-arching goals are to make seminal advances in understanding marine systems through research and discovery. Translate research findings into practical solutions to complex issues of societal importance, and provide new generations of researchers, educators, problem solvers, and managers with a marine-science education of unsurpassed quality. Also working on a seagrass program, aquaculture research, and offers sustainable seafood recipes.

Sort by: Organization Name

Wave Energy Technologies Inc	Energy	Wave Power	ON	p	3	Wave Energy Technologies Inc. designed and developed the WET EnGen™. The WET EnGen™ represents many years of research and testing, culminating in a breakthrough technology that converts the energy in ocean waves to electrical power or pressurized water for desalination. Our highly efficient WET EnGen™ is leading edge because of its ability to be applied in the widest range of wave climates throughout the world.
Weatherflow	Services	Weather	FL	p	3	With considerable scientific, academic, and operational experience, WeatherFlow team members have collaborated with academic, government, and industry researchers on topics covering a wide range of the atmospheric and oceanographic sciences.
Webb Research (Teledyne)	Research and Development	AUV	MA	p	4	Based on a long record of innovative success in ocean engineering, Webb Research personnel work cooperatively with clients to solve oceanographic problems and bring reliable data home to their laboratories. The 6000th Webb APEX float shipped in early 2010. Two thirds of the floats deployed for the worldwide Argo program, the largest oceanographic experiment ever undertaken, are APEXES. March 2010 also brought shipment of the 168th autonomous Slocum glider. A Slocum glider made history in December 2009 when it became the first autonomous vehicle to cross the Atlantic ocean, completing a journey from New Jersey to the coast of Baiona, Spain. Another first for Slocums includes the first thermal glider, launched in December 2007, to

Sort by: Organization Name

						harvest heat from the ocean as its energy source. In addition, Webb sound sources anchor data collection for many ocean science programs.
Westerbeke Corp.	Materials and Supplies	Boating Electronics	MA	p	4	Manufacturer and supplier of world-class marine generators, industrial generators, marine engines and marine products for many of the world's leading yacht builders; and for seasoned boaters who demand performance and reliability from their marine engine or marine generator.
Woods Hole Marine Systems Inc (Nobska Assoc)	Research and Development	AUV	MA	p	1	WHMSI is an oceanographic engineering service company. We specialize in the development and deployment of unmanned, teleoperated underwater vehicles and associated equipment.
Woods Hole Oceanographic Institution	Research and Education	Marine Science	MA	np	2	WHOI scientists and engineers combine access to specialized tools, ships, labs, and underwater vehicles with hard-won knowledge of how to explore the ocean to create a detailed understanding of the global ocean system. WHOI also fosters a long-standing commitment to education and outreach that help ensure the future of ocean research.

Sort by: Organization Name

World Resources Institute	Research and Education	Ocean Conservation		np	5	An environmental think tank working to move human society to live in ways that protect Earth's environment and its capacity to provide for the needs and aspirations of current and future generations. WRI provides objective information and practical proposals for policy and institutional change that will foster environmentally sound, socially equitable development for.
YANKEE ENVIRONMENTAL SYSTEMS, INC.	Equipment Manufacturing	Ocean Measurement Systems	MA	p	4	Since 1989, Yankee engineers have been focused on solving some of the most difficult measuring problems known to man, including global warming, acid rain, and ozone depletion. Our instrumentation products help solve some of your most difficult challenges in temperature and moisture, atmospheric radiation and remote automated weather observation. More recently, Yankee has focused its efforts on operational meteorology and homeland defense, such as tracking winds that might carry a plume from a dirty bomb. Automated Total Sky Imagers and Radiosonde Launchers reduce or eliminate the need for human observers, freeing personnel to work on more value-added tasks. Yankee introduced the world's first no-moving-parts precipitation sensor based on hotplate technology licensed from the National Center for Atmospheric Research. This novel sensor will lead to important improvements in air and road safety in winter conditions.

Sort by: Organization Name

Yankee Ingenuity Small Business Automation	Services	Software and Systems Design	MA	p	3	Yankee Ingenuity Small Business Automation is a software consulting service with expertise in areas of scientific software development, website development and business automation.
YSI	Equipment Manufacturing	Ocean Measurements	Ohio	p	3	We work with professionals to develop water monitoring solutions for our planet's natural resources. Whether you are concerned with climate change, floods, droughts, storm water runoff, clean drinking water, or healthy ecosystems, YSI can partner with you to provide reliable water resource instruments and systems. Our instruments, software, and data collection platforms are focused on environmental monitoring and testing. The integrated systems we deliver to our customers help them to obtain critical data about the quality of water.
Zephyr Marine, LLC	Services	Environmental Consulting	MA	p	3	Zephyr Marine, LLC is a marine environmental consulting company concentrating on supporting oceanographic, water resources, and marine biological field data collection studies. Zephyr also runs a marine education program for High School and College marine science courses consisting of an on-board field collecting trip for benthic specimens and other related hands-on oceanographic activities.

Sort by: Subsector/ Primary Sector/State

8/21/2012

Organization Name	Primary Sector	Subsector	State	Type	Suit-ability Rank (1-5)	Description
Madison Technology International	Equipment Manufacturing	Acoustics	CT	p	3	Madison Technology International - Development of a family of high performance preamplifier/signal conditioners RDTE/Services-Adv Tech Dev. AUV Towed Arrays & Deployed Arrays for acoustic research and undersea surveillance
Harris Acoustic Products Corp	Equipment Manufacturing	Acoustics	MA	p	5	Harris Acoustic Products Corporation designs and manufactures sonar projectors, hydrophones, and associated equipment for navy, OEM, and commercial customers. It offers military and commercial sonar transducers, underwater and hull-mounted telephones, diver hand-held sonars, and other acoustic devices for marine applications. The company also provides depot level repair, acoustic testing, and electronic assembly and fabrication services
MASSA Products Corp.	Equipment Manufacturing	Acoustics	MA	p	4	Massa is a leading innovator in the design and manufacture of electroacoustic products for ultrasonic sensing in air and for underwater commercial oceanographic sonar applications. In addition, we have developed and manufactured a wide range of sonar transducers and systems specifically for military use.

Sort by: Subsector/ Primary Sector/State

IMAGE ACOUSTICS, INC.	Equipment Manufac-turing	Acoustics	MA	p	4	Image Acoustics, Inc. uses Finite Element Analysis and a battery of transducer and array computer programs to perform efficient and effective design and analysis. Many of these programs were developed and coded at Image Acoustics, Inc. and are available for commercial use. For information on Image software see "Software" on the Image homepage.
Sounder Standards Inc.	Equipment Manufac-turing	Acoustics	NH	p	3	Manufacturer echo sounder, sonar performance testing equipment,
Knudsen Systems Inc	Equipment Manufac-turing	Acoustics	NY	p	4	Knudsen echosounders are used for precision measurement of water depths for a variety of applications, ranging from hydrographic surveys to oceanographic research to precise ship navigation. Currently, KEL produces four lines of echosounders for different applications: Shallow Water Survey, Deep Ocean Survey, Scientific & Sub-bottom Research, and Naval Navigation.
SyQwest	Equipment Manufac-turing	Acoustics	RI	p	5	Syqwest Inc.has a dedicated staff of professionals whom strive to provide exceptional and innovative acoustic solutions to our global marketplace. Our engineering staff has over 150 years of combined experience in sonar and acoustic solutions. We have provided innovative product designs for applications in; marine hydrographic and geophysical surveying as well as military sonar markets worldwide. Our principal technologists are prior employees of Raytheon and have significant experience in the design, manufacturing and support of sophisticated acoustic instrumentation. Our products are of the highest

						quality and are “best of breed “in price and performance characteristics. Over the past ten years we have delivered over 3,000 sonar systems to satisfied customers world-wide.
BlueView Technologies	Equipment Manufacturing	Acoustics	WA	p	3	Provides acoustic underwater vision and measurement solutions that enable safe, secure, accurate, and efficient underwater operations.
Hegg Marine Solutions (Div. of Falmouth Scientific)	Equipment Manufacturing	Acoustics		p	3	Hegg Marine Solutions, now a division of Falmouth Scientific, Inc. was started April 2008 by owner and operator, Frederick Hegg. He has over 25 years experience in the ocean industry. Fred has been involved in the development of a wide range of products from acoustic positioning and release systems to 6000m rated deep towed sonar systems. His most recent projects have been related to developments in high resolution swath bathymetry systems for shallow water applications.
SonaTech	Research and Development	Acoustics	CA	p	3	Sonatech is a leader in the design and development of underwater navigation and sonar equipment for the U.S. Navy and various other U.S. and foreign government, research, and military customers. The objective of Sonatech is to provide quality products that meet or exceed customer performance requirements utilizing the continuous improvement of procedure, processes, and materials.

Sort by: Subsector/ Primary Sector/State

Pyrcon	Research and Devel-opment	Acoustics	RI	p	3	Pyrcon, LLC is a 3-year-old start-up spun off the University of Rhode Island. Pyrcon is developing a forward-looking sonar that can detect the presence of underwater ob-stacles out to 2 nautical miles. The sonar will be wet-installable on the bow of large commercial vessels. This multi-beam phase-array sonar can provide a map of bot-tom depth that could be useful for navigating in risky har-bors. SOCP members are currently looking at evaluating this new technology on their vessels to reduce the risk of coming in contact with underwater obstacles. 'Underwater avoidance sonar systems.
Noise Control Engineering, Inc	Services	Acoustics	MA	p	4	Noise Control Engineering (NCE) is a premier acoustical engineering consulting firm that specializes in noise and vibration measurement & control for marine, industrial and commercial applications. Founded in 1991 by Ray-mond Fischer, NCE is a Small Business that readily re-sponds to client needs. We have the experience, tools and innovative ideas to provide cost-effective solutions to all types of acoustical problems.
Oasis Inc.	Services	Acoustics	MA	p	3	OASIS, Inc. is a small business providing expert consulting services in all areas of underwater and airborne acoustics, noise control technologies, structural acoustics, and in-strumentation and data acquisition systems. OASIS has extensive experience performing ocean acoustic experi-ments in both coastal and deep water. The company has been active in a number of government-funded research efforts focused on ocean acoustics and oceanography and has developed a real-time system (patent pending) for calculating the position and the transmission loss of a programmable acoustic target. Also, real time advanced signal processing utilizing state-of-the-art DSP (Digital Sig-

						nal Processing) chips has been a key element applied to automated unmanned vehicles.
PR Aqua	Equipment Manufac-turing	Aquaculture	BC	p	4	For over twenty years our clients have been achieving improved efficiencies and productivity with help from the diverse Design, Engineering, and Manufacturing strengths of PR Aqua. Our depth of experience, knowledge, and expertise with intensive aquaculture systems gives us the edge in providing advanced technologies to meet our clients' production expectations. Our success is measured by our clients' success and the evidence can be seen in a wide variety of aquaculture applications in North America and around the World. From research facilities to hatcheries and growout operations, PR Aqua is the name first considered as the most comprehensive solution provider in the aquaculture industry.
Aero Tec Labor-atories, Inc	Equipment Manufac-turing	Aquaculture	NJ	p	5	ATL has specialized in the design and manufacture of custom bladder-type fluid containment systems, including bladder tanks, inflatables, pillows and bellows,for the surface and subsea industry.

Sort by: Subsector/ Primary Sector/State

Aquacare Environment, Inc	Equipment Manufacturing	Aquaculture	WA	p	4	Aquacare Environment Inc. supplies controlled environment aquaculture technology to the aquaculture industry. Our team specializes in intensive land-based controlled environment aquaculture systems. Aquacare can develop, design and supply complete fish farms for clients worldwide, and can supply cost effective prefabricated system components to existing farms. Click here to view our PORTFOLIO for some past and present projects. Aquacare was established in 1987 dedicated to developing and marketing cost-effective equipment and systems for modern, intensive land-based fish farming. These systems are based on proven, conservative biological practices, and the integration of specialized equipment components into a fish farm that provides an optimum environment for fish health and growth.
Island Scallops Ltd	Fish & Fishing	Aquaculture	BC	p	3	Located on the west coast of Canada near Qualicum Beach, British Columbia, Island Scallops represents Canada's largest private marine research hatchery and first fully-integrated shellfish producer. Island Scallops is committed to environmentally sustainable production of a high quality, all-natural product.
Advanced Aquaculture Systems Inc.	Fish & Fishing	Aquaculture	FL	p	3	Since 1984, long before it became popular to be “green”, Advanced Aquaculture Systems was designing and supplying recirculating landscape architectural systems. Advanced Aquaculture Systems continues to be at the forefront of innovation by offering our unique proprietary products and creative system designs to landscape architects, municipal and public agencies, contractors, engineers, businesses, universities and homeowners.

Sort by: Subsector/ Primary Sector/State

Australis Aquaculture	Fish & Fishing	Aquaculture	MA	p	3	An award-winning provider of delicious, healthy, sustainable seafood marketed under the banner of The Better Fish® - Better Tasting, Better For You, Better For Our Environment. Our company spearheaded the introduction of Barramundi, the Sustainable Sea Bass™ in North America and has proudly seen it grow from a favorite in Australia to an international culinary trend.
Center for Cooperative Aquaculture Research	Fish & Fishing	Aquaculture	ME	p	4	Great Bay Aquaculture of Maine (GBAM) is one of the leading marine fish producers in the USA and the only commercial producer of cod. Using NOAA funding (National Marine Aquaculture Initiative), we are working with GBAM to develop farming strategies for cod in Maine. Between 2007 and 2010 GBAM have transferred over 0.25 million juvenile cod to the CCAR for nursery phase growout before transporting to the lease site in nearby Frenchman Bay. Another critical component of our R&D effort in cod aquaculture is the Atlantic cod Breeding Program, funded through the NOAA Saltonstall Kennedy Program.
Heritage Salmon	Fish & Fishing	Aquaculture	ME	p	2	Here you will now find our fresh Chilean salmon raised in the pristine waters of southern Chile... Cupqulan brand... now a Heritage brand, along with new Heritage frozen and smoked products.
Seabait Maine, LLC	Fish & Fishing	Aquaculture	ME	p	3	Seabait (Maine) LLC was formed by parent company Seabait Ltd in the UK. One of the company founders, Peter Cowin moved to Maine to establish operations here in 2001. Seabait worked with the CCAR to develop the worlds first indoor recirculating marine polychaete worm farm. The market for sandworms as fishing bait in the USA is well established but now under-supplied due to declining wild catches. There is also a worldwide market for frozen sandworms as a high value, pathogen free shrimp

						broodstock feed.
Cooke Aquaculture	Fish & Fishing	Aquaculture	NB	p	4	At Cooke, the environment is a top priority. We are committed to the long-term social, economic and environmental sustainability of the communities in which we operate and the health of the marine resource on which we depend. Through its wholly-owned subsidiaries, Cooke Aquaculture processes and sells more than 160 million pounds of Atlantic salmon, five million pounds of trout and 20 million pounds of sea bass and sea bream each year.
GreatBay Aquaculture	Fish & Fishing	Aquaculture	NH	p	4	GreatBay Aquaculture of NH produces the highest quality cultured marine fin-fish. Our mission is to be a world leader in the production of marine fish through the commercialization of technology and its application to aquaculture. GreatBay Aquaculture of NH maintains an active research and development program to improve growth rate and resistance to disease. Our hatchery technology is being used to bring high value marine species to commercial production. GBANH has incorporated HACCP into its production system and is committed to product safety, quality and environmental stewardship.
Aquatic Eco-Systems, Inc	Materials and Supplies	Aquaculture	FL	p	3	Many of the top aquatic system designers around the world started using AES' equipment and expertise to build everything from public aquariums to fish hatcheries. The company proved that it was able to serve them while

						keeping its commitment to less experienced customers and everyday aquatic needs. Further becoming a source for all things aquatic, AES added system design and equipment repairs to its list of services.
Center for Aquaculture Research and Development	Research and Development	Aquaculture	FL	np	2	The mission of CARD is to develop new, innovative, and cost-effective systems and husbandry techniques to produce high-value marine and freshwater fishes and invertebrates. The goal of this research center is to advance the aquaculture industry and to support and expand stock enhancement research in Florida and worldwide. The Center is currently conducting research, development and commercial demonstration projects with a large number of marine and freshwater species. Marine research is focused on snook, red snapper, red drum, Florida pompano and hard corals. Several projects are underway to investigate the feasibility of growing snook and pompano in low salinity and in freshwater. New species under consideration for aquaculture research include spotted sea trout, long spined-sea urchins and sea horses. Freshwater research is focused on sturgeon aquaculture for caviar and meat production.
Oceanic Institute	Research and Development	Aquaculture	HI	np	4	The Oceanic Institute is a not-for-profit, research and development organization dedicated to marine aquaculture, biotechnology, and coastal resource management. The Institute is an affiliate of Hawaii Pacific University. The Oceanic Institute is one of the three organizations that compose the Gulf of Mexico Marine Stock Enhancement Program (GMMSEP), which was created to plan, execute, review, and evaluate broad-based, scientific stock enhancement methods designed to augment conventional restrictive fishery management methods in use by state

						and federal agencies in the northern Gulf of Mexico.
AquaBounty	Research and Development	Aquaculture	MA	p	1	Our mission is to play a significant part in "The Blue Revolution" – bringing together biological sciences and molecular technology to enable an aquaculture industry capable of large-scale, efficient, and environmentally sustainable production of high quality seafood. Increased growth rates, enhanced resistance to disease, better food-conversion rates, manageable breeding cycles, and more efficient use of aquatic production systems are all important components of a sustainable aquaculture industry of the future.
Cape Aquaculture Technologies, Inc.	Research and Development	Aquaculture	MA	p	4	CAT is developing new products such as vaccines and food supplements to produce faster growing and more disease-resistant finfish. The company has established a Narragansett facility to work more closely with scientists at the University of Rhode Island.
Center for Aquaculture and Environmental Research	Research and Education	Aquaculture	BC	gov	3	The Center for Aquaculture & Environmental Research (CAER) is a specialized centre for aquaculture and coastal research co-founded by Fisheries and Oceans Canada and the University of British Columbia. CAER conducts focused research programs that integrate ecosystem and conservation with sustainable aquaculture practices for growing aquatic species of global importance. Recognized internationally as a centre dedicated to innovative research and

						education in aquaculture and the marine environment, the six-hectare site offers a unique opportunity for experimental research on fish rearing and indoor-outdoor aquaria.
Virginia Aquaculture Association	Research and Education	Aquaculture	VA	P	2	Advocate just and proper laws and regulations that may be necessary for the advancement, promotion, expansion, and well-being of the aquaculture and mariculture businesses in Virginia. Conduct and support activities to assist in the development of these businesses in Virginia, including workshops and farm tours. Pave the way for the future of aquaculture by supporting youth aquaculture initiatives. Compile and communicate research needsof the industry to Virginia's aquaculture research institutions. Promote the products and services of members; And, promote public education
The Aquaculture Communications Group	Services	Aquaculture	MI	p	2	The Aquaculture Communications Group (ACG) specializes in aquaculture science and technology (S&T) information services, providing information & knowledge management, information & technology transfer, communications & public relations, and project management services to companies, governments, and organizations involved in aquaculture and related activities.
HSC Fabrication	Equipment Manufacturing	Aquaculture	NB	p	4	HSC Fabrication is comprised of in-house and resource personnel with extensive experience in aquaculture, engineering and steel fabrication. Integrating these individual strengths into one resourceful, creative team enables HSC to design and manufacture complete solutions to its customers' aquaculture equipment challenges. Solutions forged in steel … the strongest, most versatile and adaptable construction material available.

Sort by: Subsector/ Primary Sector/State

BioCepts International, Inc	Biotechnology	Aquaculture services	FL	p	4	BioCepts International, Inc. (BCI) is a broadly-based biotechnology development firm founded in 1997 as a Florida corporation. BCI was established to provide a wide assortment of professional biotechnology services related to the aquaculture industry (food and ornamental species), including site selection and design of production facilities, product design, development and evaluation, applied research, technology audits and aquaculture product marketing. While BCI is most known for its commercial shrimp farming development contributions, recently it has focused its aquaculture development resources on commercializing warm water spiny lobster technology.
Hydroid, Inc. (Kongsberg owned)	Equipment Manufacturing	AUV	MA	p	5	Hydroid is a wholly owned subsidiary of Kongsberg Maritime. We are a leading manufacturer of advanced, innovative Autonomous Underwater Vehicles - AUV for deep sea survey and mapping worldwide. Applications include both military and commercial use.
Webb Research (Teledyne)	Research and Development	AUV	MA	p	4	Based on a long record of innovative success in ocean engineering, Webb Research personnel work cooperatively with clients to solve oceanographic problems and bring reliable data home to their laboratories. The 6000th Webb APEX float shipped in early 2010. Two thirds of the floats deployed for the worldwide Argo program, the largest oceanographic experiment ever undertaken, are APEXES. March 2010 also brought shipment of the 168th autonomous Slocum glider. A Slocum glider made history in December 2009 when it became the first autonomous vehicle to cross the Atlantic ocean, completing a journey from New Jersey to the coast of Baiona, Spain. Another first for Slocums includes the first thermal glider, launched in December 2007, to harvest heat from the ocean as its

						energy source. In addition, Webb sound sources anchor data collection for many ocean science programs.
Woods Hole Marine Systems Inc (Nobska Assoc)	Research and Development	AUV	MA	p	1	WHMSI is an oceanographic engineering service company. We specialize in the development and deployment of unmanned, teleoperated underwater vehicles and associated equipment.
Autonomous Undersea Systems Institute	Research and Education	AUV	NH	np	3	The Autonomous Undersea Systems Institute (AUSI), formerly the Marine Systems Engineering Laboratory (MSEL), is a not-for-profit research institute focused on promoting commercial applications of Autonomous Underwater Vehicles (AUVs), platforms and sensors.
Bluefin Robotics Corp.	Equipment Manufacturing	AUV	MA	p	3	Bluefin Robotics develops, builds, and operates Autonomous Underwater Vehicles (AUVs) and related technologies for defense, commercial, and scientific customers worldwide.
Technology Systems Inc	Services	AUV/R&D	ME	p	3	Technology Systems, Inc. (TSI) is a leading innovator with a 30-year track record in software and systems integration of emerging technology. Our work covers the spectrum from contract research and development to delivering final products that reflect our advanced R&D. Our unique business approach allows us to maintain top quality in our projects and fosters levels of creativity and productivity unparalleled in the industry.

Sort by: Subsector/ Primary Sector/State

BioNutraTech, Inc	Biotech-nology	bio-nutrients	TX	p	2	BioNutraTech, Inc. manufactures and distributes micro-encapsulated bio-nutrients that stimulate microbial activity for advanced commercial, industrial, and environmental bioremediation. Our patented products provide essential nutrients that stimulate and sustain the accelerated growth of highly desirable types of naturally occurring microbes that are already present in targeted wastes. The microbes increase in strength and concentration to convert organic wastes and contaminants into benign products like water and carbon dioxide. BioNutraTech products restore the environment naturally and are safe and easy to handle.
Pharmamar Usa, Inc	Biotech-nology	Biopharma-ceuticals	MA	p	2	PharmaMar is a unique biopharmaceutical company, specializing in the discovery of new molecules for oncology treatment from organisms living in the sea.
Epaint	Materials and Sup-plies	Boat Main-tenance	MA	p	3	All ePaint products are free of copper, tributyltin, and other biocides that persist in the environment. ePaint coatings combine novel patented photo-active technology with environmentally preferred active ingredients to provide you with a safe, effective alternative to traditional bottom paints.
The Forepeak	Materials and Sup-plies	Boat Main-tenance	MA	p	3	The Forepeak at 89 Front Street in Marblehead has marine supplies for everyone. We've got a large assortment of lines, paints and maintenance supplies. And all the nuts and bolts you need to keep a boat going. Harken fittings, Navtec rigging and hydraulic repairs, Westerbeke and Universal engines.

Sort by: Subsector/ Primary Sector/State

Paul E. Luke	Materials and Supplies	Boat Maintenance	ME	p	3	We are noted for our custom marine hardware including our Automatic Feathering Propellers, 3-piece Storm Anchors and our Soapstone Fireplaces - all manufactured in our on-site machine shop. We regularly help a wide variety of clients with projects requiring our technical skills and specialty equipment.
Ecm Maritime Services, Headquaters	Services	Boat Maintenance	CT	p	3	ECM Maritime is one of the world's leading authorities in maritime regulatory consulting, compliance, emergency preparedness, security, environmental and response management services. We offer a wide range of services that ensure our clients' vessels exceed the standards of the maritime industry, in order to minimize delays, fines and pollution incidents.
Macsea Ltd.	Services	Boat Maintenance	CT	p	5	We offer health monitoring solutions to ensure your ship's machinery plant and hull are operating at top efficiency. Our products, services, and expertise makes Condition-Based Maintenance implementation a turn-key operation for our customers. With the benefit of over 40 shipboard installations behind us, our unique experience helps clients avoid equipment breakdowns, extend overhauls, and reduce maintenance and operating costs. This translates into increased profits, improved machinery reliability, and maximum mission readiness.

Sort by: Subsector/ Primary Sector/State

Marine Management Services (MMS)	Services	Boat Maintenance	WA	p	4	Maritime Management Services, Inc. (MMS) is a vessel management and crewing company providing quality management personnel with the knowledge to successfully and cost effectively manage marine resources by analyzing the customer's requirement, adapting to what current and future needs will be and understanding the changing maritime environment. MMS provides professional, experienced and forward-thinking vessel management. With an MMS management team in place, vessel owners enjoy peace of mind; knowing their vessels are provided with the infrastructure, personnel, and technical and operational management experience necessary to successfully operate vessels in compliance with applicable class, flag-state and international rules. MMS creates a vessel management plan that simultaneously looks after the owner's interests, the safety of the vessel, her crew and the environment.
Custom Navigation Systems	Equipment Manufacturing	Boating Electronics	CT	p	4	We are committed to long term relationships, and it shows with our clientele. Each has their own special requirements and we work on a personal level to develop that information. We offer different services for different needs. We sell the equipment at favorable prices for those who just want to purchase the hardware. For those who want "to do it themselves" we sell the equipment, providing all the technical drawings for them to follow as they install the system, and then we do the final hook-ups and testing.

Sort by: Subsector/ Primary Sector/State

Megapulse	Equipment Manufacturing	Boating Electronics	MA	p	2	Megapulse is a leading designer and manufacturer of advanced navigation and communication products. The company is the market leader in Loran-C and eLoran technology and is the sole source supplier of solid state transmitters for the Loran system. Loran is a terrestrial radionavigation system that can determine the position of a ship or aircraft or land mobile vehicle through the use of low frequency radio signals broadcast from transmitters located across the globe. Loran signals can be used to measure position, velocity, time, orientation and for the broadcast of data. Megapulse eLoran equipment incorporates technologies that substantially enhance and extend the capability of the Loran system.
Ritchie Navigation	Equipment Manufacturing	Boating Electronics	MA	p	4	For over 150 years, from the first liquid dampened compass to today's modern PowerDamp dial designs our Engineering Department has been critical to the development of the modern marine compass. Today, sophisticated computers and specialized instrumentation also allow Ritchie Engineers to develop better and more efficient ways to build compasses. itchie Compasses have won many awards for design and engineering excellence in the past 150 years. An early Ritchie liquid filled compass with a floating dial is exhibited in the Albert Museum of Science and Industry in England, proudly displayed along with a collection of nautical instruments created by the famous Lord Kelvin.

Sort by: Subsector/ Primary Sector/State

True North Technologies	Equipment Manufacturing	Boating Electronics	MA	p	4	True North Technologies develops and manufactures custom products for marine, air, and land-based applications with a concentration in electronic compassing. Our products include custom designed electronic compasses for marine and land use in recreational, commercial, and industrial markets. In addition to products for OEM customers, True North has developed the TNT REVOLUTION™, an off-the-shelf strap-down electronic compass sensor for scientific, agricultural, oceanographic, robotic, and geological applications.
Raymarine Inc	Equipment Manufacturing	Boating Electronics	NH	p	4	With headquarters in Nashua, New Hampshire, Raymarine Inc. is dedicated to the design, manufacture and distribution of the highest quality marine electronic products and services to the worldwide recreational and light commercial markets. Our commitment to the marine industry spans over 80 years of product development and boasts a comprehensive range of products from GPS chartplotters and VHF radios to HD Digital fishfinders, instruments, radar, autopilot, satellite television, software systems and more. Recognized for its innovation, Raymarine is uniquely able to deliver new and exciting technologies never before applied to the recreational marine market.
Westerbeke Corp.	Materials and Supplies	Boating Electronics	MA	p	4	Manufacturer and supplier of world-class marine generators, industrial generators, marine engines and marine products for many of the world's leading yacht builders; and for seasoned boaters who demand performance and reliability from their marine engine or marine generator.

Sort by: Subsector/ Primary Sector/State

Coady Marine	Services	Chartering	MA	p	3	Boat that services needs of divers, researchers and general engineering practices as well as technical support.
Ryan Marine, Inc	Services	Chartering	MA	p	5	Ryan Marine Inc. was established in 1998 as a versatile marine and charter service company that can accommodate commercial applications along the eastern seaboard of the US. We continually add new equipment and personnel to meet the needs of the marine and science industries. Specialized in coastal research, dive tending, recovery & deployment of equipment, towing & salvage, crew movement, construction support, site & project management.
Vast Explorer, Inc	Services	Chartering	MA	p	5	VAST Explorer is a 70 ft. aluminum hull research vessel. It has twin screw 750 hp. Diesels. It accommodates up to nine people in comfort. It is equipped with a 1200 kilo crane, a Hyab knuckle crane, full stern ramp, two labs, an onboard ROV; plus side-scan and DGPS. The vessel is available for oceanographic studies, cable and pipeline route surveys, ROV surveys, and underwater archeological survey and recovery.
OceanResearchGroup, Inc.	Services	Commercial Diving	CA	p	3	OceanResearchGroup is solution based company dedicated to training technical divers to explore the worlds oceans. ceanResearchGroup is made up of divers, instructors and people who are curious about our marine environment. We live in stewardship of the oceans by preservation, conservation and documentation. As we develop

						as better divers we will seek new challenges while refining our skills to have safe practices and procedures.
Conusub	Services	Commercial Diving	RI	p	4	Established in 1983, CONUSUB provides support in the subaqueous environment for Science, Engineering and Government agencies. CONUSUB is unique in its ability to adapt, comprehend and implement the latest technologies. Our experienced staff through consultation and coordination meets client objectives safely and on time.
Layton Industries, Inc.	Equipment Manufacturing	Communication	MA	p	4	Electronics and electronic communications
Simplex Technologies	Equipment Manufacturing	Communication	NH	p	2	Simplex Technologies Inc. is a world leader in the design, manufacture, and servicing of cable products. The Simplex facility in Newington, New Hampshire, has more annual throughput capacity for undersea fiber-optic cable than any other single cable facility in the world. Simplex manufactures long-length undersea fiber-optic telecommunications cable as well as cable and cable assemblies for use in data-gathering systems for the U.S. Navy. Other products include flexible pipe capable of transferring oil, gas, water and other fluids beneath the sea, and power cables for electric utilities. Simplex also performs marine-engineering services related to its cable operations. The

						company sells its products to the U.S. Department of Defense and to telecommunications companies. Simplex is an ISO 9001 certified company.
Ocean Specialists Inc.	Services	Consulting	FL	p	4	Specialize in the Ocean Industry by applying Science, Information, and Technology in support of the Offshore, Coastal and Underwater markets around the world. Achieve excellence by attracting top individuals in their fields, then create incentives and provide support for those individuals to reach their full potential.
Marine Acoustics Inc.	Services	Consulting	VA	p	4	MAI is a global scientific and engineering company providing a diverse set of government, corporate and international clients with a broad spectrum of consulting and engineering services. Our areas of expertise include a full range of environmental compliance services, undersea warfare design, test and evaluation services, marine environmental compliance, sea test planning and support, all supported by an award winning and internationally recognized research and development program. 3 offices (NH, VA, RI)
Corrosion Control International	Marine Engineering	Corosion Control Systems	CT	p	2	Corrosion Control International (CCI) is recognized as an industry leader in the design, production and installation of inshore and offshore subsea and splash zone corrosion control systems. CCI developed its patented, cold applied Retrowrap® systems for retrofit protection of pilings, risers, and pipelines as an alternative to factory coatings for

						new underwater construction in remote areas for quick and easy installation. Engineered to be the best product on the market, Retrowrap provides years of worry-free protection.
IDE Technologies	Equipment & Manufacturing	Desalination	CA	p	4	IDE Technologies Ltd. is a pioneer and world leader in water technologies. The company specializes in the development, engineering, production and operation of advanced desalination as well as innovative industrial solutions. IDE is a world leader in the desalination industry. With more than 45 years of know-how and experience, IDE delivers end-to-end project solutions for its customers throughout the world. Leveraging superior thermal and membrane technologies, IDE specializes in the delivery and operation of various desalination and water treatment solutions.
LIFESTREAM Watersystems Inc.	Equipment & Manufacturing	Desalination	CA	p	2	Lifestream Watersystems Inc. is a manufacturer of water purification and desalination systems specializing in: Reverse osmosis technology, membrane separation and water filtration equipment.
Consolidated Water Co. Ltd	Research and Development	Desalination	Cayman Islands	p	4	Consolidated Water Co. Ltd. (the “Company”, or "CWCO") designs, builds, operates, and in some cases finances seawater reverse osmosis (SWRO) desalination plants and water distribution systems in several Caribbean countries, where the supply of drinking water is scarce and the use of SWRO is economically feasible.

Sort by: Subsector/ Primary Sector/State

Renewable Energy Systems Ltd.	Energy	Design and Engineering	CO	p	3	RES offers end-to-end services for utility-scale marine and wind energy projects worldwide. From offshore wind to wave and tidal, we brings to projects the considerable skills and experience that we have acquired over 30 years in the renewable energy industry. We know this sector inside out; our skills include: site selection, project design & engineering, wind farm layout and energy yield analysis, grid connection design, wind turbine and electrical system procurement, project management, operation and maintenance, health & safety.
Sample6 Technologies, Inc.	Biotechnology	Diagnostics	MA	p	2	Sample6 Technologies is a dynamic startup company at the intersection of breakthroughs in synthetic biology, sensors, and data modeling and visualization. The company's mission is to improve the health and safety of global consumers by building integrated systems that can quickly and easily detect harmful and unwanted bacteria in the food, healthcare, and other industries.
Center for Economic & Environmental Development @ Roger Williams University	Services	Economic Development	RI	p	2	The Center for Economic and Environmental Development (CEED) draws upon the scientific, legal and business resources of the university to promote the economic development of marine industries that are compatible with a healthy environment. CEED encourages innovative environmental stewardship by involving students, faculty and the local community in strategic educational, management and entrepreneurial initiatives that yield a sustainable environment.

Sort by: Subsector/ Primary Sector/State

Oceanweather Inc	Research and Development	Environmental Consulting	CT	p	4	Oceanweather functions as a specialized consulting firm serving the coastal and ocean engineering communities with its unique capacity to integrate several areas of expertise into specification of definitive design data on the physical environment. Oceanweather's approach is to consistently develop and apply its high-level technology to satisfy practical requirements in the areas of marine meteorology, ocean wave and current specification, ocean engineering, and statistics of environmental data. In the past quarter century Oceanweather has performed dedicated hindcast studies and Joint Industry Projects (JIPs) in virtually every ocean basin in the world.
Coastal Planning & Engineering, Inc	Services	Environmental Consulting	FL	p	4	Coastal Planning & Engineering, Inc. (CPE) specializes in comprehensive coastal management using a regional perspective to design sustainable and economically feasible projects. We guide our clients through the permitting process based on a thorough understanding of current regulations and environmental resource concerns as well as relationships with the regulatory agencies built on years of professional respect. We pride ourselves on delivering technologically advanced products that often exceed industry standards and providing data in a published GIS for the ongoing use of our clients and the regulatory agencies.

Sort by: Subsector/ Primary Sector/State

JHT Inc.	Services	Environmental Consulting	FL	p	4	HT Inc. offers value-driven service support with highly qualified personnel for professional, technical, managerial, and administrative requirements in the environmental and marine science service areas. We understand your science-oritented culture and devote extensive care in selecting the right personnel to fulfill your mission: Coastal Observations, Outreach and Management, Marine Biotoxin and Ecotoxicology Research, Coastal Ecological Assessments, Habitat Conservation and Restoration, GIS Mapping and Spatial Analyses, Marine Mammal Research and Conservation, Field Investigations, Program Management and Administrative Support, Estuarine Reserves, Land Acquisition and Coastal Strategy Programs
Hydrovision Inc.	Services	Environmental Consulting	GA	p	3	HydroVision, Inc. is an environmental consulting company with extensive experience and unique capabilities in the field of hydrogeology, geology, environmental engineering, environmental science, and Oracle support. HydroVision is dedicated to applying state-of-the-art knowledge of hydrogeology to the often complex environmental problems facing the nation and our planet today.
Environmental Protection Industries	Services	Environmental Consulting	IL	p	4	Environmental Protection Industries (EPI) is a full service environmental consulting and remediation firm. EPI provides environmental services to a full spectrum of clients in Illinois, Wisconsin, Indiana, Michigan, Ohio, and Iowa. We supply consulting services for a select group of clients on a national scale. EPI specializes in Environmental Site Assessment/Site Characterization and Risk Assessment for managing environmental liabilities and risk exposure, establishing risk-based remediation objectives, and use in the design and implementation of site remediation. EPI's

						services are geared toward cost effective, comprehensive solutions for public and private sector clients to reduce or eliminate environmental liabilities. EPI manages hundreds of projects annually.
Carr Research Laboratory Inc	Services	Environmental Consulting	MA	p	4	Carr Research Laboratory, Inc. (CRL) was established in 1974 as an environmental consulting firm focused on creative problem-solving of complex environmental issues. With a well-versed and diversely educated staff, CRL offered a broad range of services and expertise in environmental science and engineering that carried projects from the first site evaluation through permitting and, if necessary, construction monitoring. CRL emphasized quality and efficiency while uniquely tailoring its services to fit customer project needs. CRL routinely worked with landowners, developers, builders, surveyors, civil engineers, attorneys, realtors, architects, landscape architects, municipalities, and other professionals to accomplish the desired project objectives within the parameters of the myriad laws governing land use.
CR Environmental Inc	Services	Environmental Consulting	MA	p	3	We have extensive experience in hydrographic and geophysical surveying, sediment sampling, wetland delineation, environmental permitting, ecological risk assessment, and environmental monitoring.

Sort by: Subsector/ Primary Sector/State

Hecker Environmental Consulting	Services	Environmental Consulting	MA	p	2	Dr. Barbara Hecker (Ph.D., State University of New York, Stony Brook) runs her own consulting business, Hecker Environmental Consulting, and is associated with the Boston University Marine Program in Woods Hole, Mass. Her research interests focus on understanding offshore, marine benthic communities and factors that control the distribution of deep-sea megafauna (animals larger than a few centimeters). Since these organisms live on and within the sea floor, much of her work focuses on faunal/geological interactions.
Zephyr Marine, LLC	Services	Environmental Consulting	MA	p	3	Zephyr Marine, LLC is a marine environmental consulting company concentrating on supporting oceanographic, water resources, and marine biological field data collection studies. Zephyr also runs a marine education program for High School and College marine science courses consisting of an on-board field collecting trip for benthic specimens and other related hands-on oceanographic activities.
Marine Information Resources Corporation	Services	Environmental Consulting	MD	p	3	MIRC scientists and engineers provide their customers with multidisciplinary, integrated, and cost-effective solutions to support operations in maritime environments, particularly physically complex and fragile coastal regions. MIRC provides timely, cost-effective geospatial solutions and services in support of coastal zone research, operations, and management.
Aqua Survey, Inc	Services	Environmental Consulting	NJ	p	4	Aqua Survey, Inc. (ASI) is a full service ecotoxicology company founded in 1975. Aqua Survey provides laboratory testing, field sampling, geophysical surveying and consulting services to a wide variety of clients throughout the world including many of the largest U.S. corporations, internationally recognized environmental consulting firms, and public sector agencies.

Sort by: Subsector/ Primary Sector/State

The Coastal Education and Research Foundation	Research and Education	Environmental Management	FL	np	2	The Coastal Education and Research Foundation [CERF] is a nonprofit corporation dedicated to the advancement of the coastal sciences. The Foundation is devoted to the multi-disciplinary study of the complex problems of the coastal zone. The purpose of CERF is to help translate and interpret coastal issues for the public and to assist professional research and public information programs.The Foundation specifically supports and encourages field and laboratory studies on a local, national, and international basis. Through the medium of scientific publications, television, and radio, CERF brings accurate information to the public and coastal specialists on all aspects of coastal issues in an effort to maintain or improve the quality of shoreline resources. Because CERF is concerned with broad environmental issues, its efforts concentrate on significant problems such as maintenance of good quality (potable) water with adequate supply, and hazards associated with potential beach erosion, flooding, and susceptibility of developed shorelines to storm surge and wave attack. By focusing attention on these potential man-made and natural hazards, it is hoped that CERF's research efforts will help others improve the quality of life in diverse coastal areas. CERF thus aims to stimulate awareness of coastal (marine and fresh-water shorelines) land and water problems; initiate and foster research and innovation to promote long-term coastal productivity; establish an educational forum for the debate of contentious coastal issues; and develop new principles and approaches for enlightened coastal management, and encourage their adoption and use.

Sort by: Subsector/ Primary Sector/State

Florida Ocean Alliance	Services	Environmental Management	FL	np	5	The Florida Ocean Alliance is a nonpartisan organization dedicated to bringing together government, academic and private sectors in Florida to protect and enhance Florida's coastal and ocean resources for continued social and economic benefits. Their main activities involve: - Serving as a clearinghouse for information on key ocean and coastal issues facing the state in both the public and private sectors; - Monitor and publicize actions related to the oceans and coasts.
The Massachusetts Office of Coastal Zone Management	Services	Environmental Management	MA	gov	4	The Massachusetts Office of Coastal Zone Management (CZM) is a part of the Executive Office of Energy and Environmental Affairs (EEA). Our mission is to balance the impacts of human activity with the protection of coastal and marine resources. As a networked program, CZM was specifically established to work with other state agencies, federal agencies, local governments, academic institutions, nonprofit groups, and the general public to promote sound management of the Massachusetts coast. CZM is funded primarily through theCommonwealth of Massachusetts, the National Oceanic and Atmospheric Administration (NOAA), and the U.S. Environmental Protection Agency (EPA).
The Urban Harbors Institute (Umass Boston)	Services	Environmental Management	MA	np	4	The Urban Harbors Institute (UHI) is part of the University of Massachusetts Bostonand is therefore able to bring a well-rounded and academic approach to providing expert advice on environmental problems and issues. UHI offers technical assistance and advisory services in fields such as urban planning, coastal and harbor planning, natural resource management, marine industry master planning, water transportation and geographical information systems. Additionally, UHI undertakes meeting facilitation

					and conference and workshop coordination.
Deltares	Services	Environmental Management	p	2	Climate change, rising sea levels and vulnerable dunes are combining to put pressure on coastlines. We want to live safely behind the coastlines, so we must have good coastal and marine management. We achieve that goal by using the dynamics of nature to structure coastal areas. With sustainable coastal engineering, we deploy nature development to improve safety. We stop the advance of the sea by depositing extra sand in the foreshore and letting nature do its work. Climate change results in more extreme weather conditions. Deltares maps out the impact of this on nature, water defences, coastal engineering projects, energy supplies and transport. Technology is not the only factor involved in work on coastal areas; issues like enviremental development and public support also play a role. We bring together the various angles in an integrated approach.
Environmental Law Institute	Services	Environmental Management	np	2	ELI is committed to democratic governance, the rule of law, and policy innovation as keys to achieving environmental quality and sustainable development. Publisher of: ELR®—The Environmental Law Reporter® and The Environmental Forum® and National Wetlands Newsletter® ELI has played a pivotal role in shaping the fields of environmental law, policy, and management, domestically and abroad. Today, we enter our fifth decade as an internationally recognized, non-partisan research and education

						center working to strengthen environmental protection by improving law and governance worldwide.
South Florida Ocean Measurement Center	Research	Environmental Research	FL	np	5	This new center was founded through a Federal-Academic partnership. A Congressional grant, along with a combination of other federal and state money is being used to construct this exciting new facility which includes an extensive natural in-water laboratory being built with the guidance of the Office of Naval Research (ONR). This comprehensive in-water installation is located off shore in Dania, just south of Ft. Lauderdale, Florida in an area with a wide variety of environmental conditions. It also includes living reefs and is located where the continental shelf break is only 3 miles from shore. Real time environmental data covering the atmosphere through the air/ocean interface and down to the sub-bottom is available, an autonomous underwater vehicle(AUV) docking station is permanently installed, providing the ability to operate AUVs in virtually any weather, and remarkable opportunities to examine interactions between biology and physics in the region.

Sort by: Subsector/ Primary Sector/State

Mid-Atlantic Regional Association Coastal Ocean Observing System	Research	Fish Assessments	DE	np	4	The Mid-Atlantic Bight (MAB) extends 1000 km alongshore, from Cape Cod, MA to Cape Hatteras, NC. It includes five major estuarine systems and a wide continental shelf cut by a deep cross-shelf valley and multiple shelf-break canyons. The footprint encompasses 10 states, the District of Columbia, and approximately 76 million people, or 25% of the US population. The nation's highest coastal population density makes increasingly competing demands for marine and coastal resources. Ports in the region handle 23% of the total U.S. waterborne commerce, and include the nation's largest petroleum product hub and the world's largest Naval base. The MAB is a dynamic boundary between cooler arctic waters and warmer tropical waters, with complex seasonal physical dynamics. These dynamics structure shellfish and migratory fish habitats that support both commercial and recreational fisheries. Developed watersheds and urban estuaries, impacted by a century of industrialization and growing coastal populations, degrade coastal water quality and diminish recreational economies. Inundation driven by tropical storms and northeasters are year-round threats to the large populations that live on the broad coastal plain. While the region's electrical power grid is the most congested in the nation, the high population density, reliable winds, and wide continental shelf combine to support the nation's first offshore wind energy development projects. To further compound these challenges, climate warming is altering fish and shellfish habitats in the MAB, and new rainfall patterns with more frequent extremes are impacting homes, farms and reservoirs.

Sort by: Subsector/ Primary Sector/State

Roffer's Ocean Fishing Forecasting Service, Inc. (ROFFS™)	Services	Fish Assessments	FL	p	4	Roffer's Ocean Fishing Forecasting Service, Inc. (ROFFS™) is a scientific consulting company based in Miami and West Melbourne, Florida (U.S.A.) that is involved with fisheries oceanography, environmental science, and satellite remote sensing. All of our operational fish forecasting products are designed to allow fishing vessels to concentrate their fishing effort in the most productive waters to increase operational efficiency. The analyses incorporate numerous factors including water temperature, water color, orientation of local currents, history of ocean fronts, bottom topography, biological quality of the water (chlorophyll, plankton, colored dissolved organic matter, etc.), forage preference of the target species, availability of forage, as well as, habitat preference of the forage and target species.
A.I.S. Inc.	Services	Fish Assessments	MA	p	4	AIS is dedicated to the collection of accurate, complete, and reliable marine and ecological data. We supply observers for the collection of catch data on commercial fishing vessels; we also supply observers for deployment on scows and hopper dredges for monitoring endangered species, and we supply inspectors for the recording of disposal data on harbor and waterway dredging operations.
Massachusetts Marine Fisheries Institute	Services	Fish Assessments	MA	p	5	The Massachusetts Marine Fisheries Institute (MFI) serves as a national model for consolidating and focusing regional assets and expertise to tackle vital marine fisheries questions. Through a cooperative partnership with the Massachusetts Division of Marine Fisheries and the Department of Fisheries Oceanography at the University of Massachusetts Dartmouth School for Marine Science and

						Technology, the MFI enhances the state's ability to positively affect marine fisheries management in the state and throughout the Northeast.
Cramer Fish Sciences	Services	Fish Assessments	OR	p	4	Conduct fish population assessments, lead ESA status reviews and consultations, conduct environmental impact assessments. comply with environmental regulations, analyze fish habitat and flow influences, investigate fish passage strategies, simulate fish population dynamics, conduct watershed analyses, implement habitat restoration projects, monitor fish populations and habitat, and provide expert witness and testimony
Ocean Associates, Inc	Services	Fish Assessments	VA	p	4	Ocean Associates, Incorporated provides professional consulting services to government organizations, UN agencies, academia, non-governmental organizations (NGOs), and the private sector. OAI experts have carried out ocean and fisheries projects throughout the world.
Ichthys Marine Ecological Consulting	Services	Fisheries Related Environmental Consulting		p	2	Ichthys Marine Ecological Consulting provides marine environmental and fisheries consultancy services. We believe that effective and lasting marine management requires working in collaboration with end-users to achieve agreed objectives. Our scientific evidence-based advice, backed by years of experience and plain, common sense, helps make this happen.
Bottom Line Echo	Services	Fisheries Related Marine Surveying	GA	p	3	Bottom Line Echo specializes in hydrographic and condition surveys of water bottoms and focuses on providing fast, accurate, professional hydrographic survey information to assist in the logistics of safely berthing vessels and protecting our environment.

Sort by: Subsector/ Primary Sector/State

Pacific Biological Station	Research	Fisheries Research	BC	gov	5	The Pacific Biological Station is the oldest fisheries research center on the Pacific coast and forms part of a network of nine major scientific facilities operated by Fisheries and Oceans Canada. Located in Nanaimo, British Columbia, the Station is home to scientists, technicians, support staff and ships' crews whose common interests are the coastal waters of British Columbia, the Northeast Pacific Ocean, the Western Arctic and navigable waters east to the Manitoba, Saskatchewan border.
Otolith Research Laboratory	Research	Fisheries Research	NS	gov	5	To the fisheries biologist, the otolith is one of the most important tools for understanding the life of fish and fish populations. Growth rings (annuli) not unlike those of a tree record the age and growth of a fish from the date of hatch to the time of death. Daily growth rings formed in the first year of life, and visible only through a microscope, record daily age and growth patterns in surprising detail. And sophisticated chemical techniques allow the reconstruction of everything from the year of hatch, to migration pathways, to the temperature of the water. Indeed, virtually the entire lifetime of the fish is recorded in the otolith. For that reason, otoliths are used and studied in almost every fisheries laboratory in the world. They also make ideal class or science projects, suitable for both high school and supervised elementary school students.
Coonamessett Farm Foundation	Research and Development	Fisheries Research	MA	np	5	Coonamessett Farm Foundation is dedicated to the responsible stewardship and maintenance of the biodiversity of our planet. Our purpose is the development and transfer of appropriate technology in support of farming and fishing communities that are environmentally sound, socially equitable, economically feasible, and compatible with a sustainable future.

Sort by: Subsector/ Primary Sector/State

Pew Environmental Group	Research and Development	Fisheries Research		np	3	The cornerstone of our marine program has always been to encourage the sustainable management of fisheries. To accomplish this goal, we focus primarily on influencing fisheries policy and related management decisions in ways that halt overfishing; significantly reduce the incidental catch and killing of fish and other marine life; prevent the destruction of marine habitat; and encourage an ecosystem-based approach to fisheries management. For two decades, the Pew Environment Group has been dedicated to the dual issues of energy supply and demand, as well as climate change. As one of the first organizations to recognize the need to address these issues, Pew has advocated for the adoption of policies to increase energy efficiency, encourage the deployment of renewable forms of energy and reduce greenhouse gas emissions.
Center for Fisheries Enhancement	Research and Education	Fisheries Research	FL	np	2	The mission of the Center for Fisheries Enhancement is to substantially increase the knowledge of how to preserve and enhance coastal fish and invertebrate populations. We aspire to become a center that is widely recognized as a world leader in the fields of fisheries ecology, marine fisheries enhancement and fisheries management strategies through achievements in innovative and high-quality research and training, and by promoting sustainable fishing practices. The Center for Fisheries Enhancement was created in 1996, under the name "Fisheries and Aquaculture Research Section". The name was changed to the Center for Fisheries Enhancement in 1998. Mote Marine Laboratory was established in 1955 as the Cape Haze Marine Laboratory, under the direction of Dr. Eugenie Clark. The history of the lab from 1955 through 2008 was published by the journal Gulf of Mexico Science and is availa-

						ble at http://www.mote.org/clientuploads/Documents/MoteMarineLaboratory.pdf
Canadian Groundfish Research and Conservation Society	Research and Education	Fisheries Research		p	3	The CGRCS works cooperatively and in partnership with Department of Fisheries and Oceans scientists and managers on research activities and operational programs in support of a healthy and well-managed fishery. The Department of Fisheries and Oceans and the Groundfish trawl industry pioneered the accountability process through the development of the 100% dockside monitoring and at-sea observer programs. The dockside-monitoring program was created in 1994 to accurately account for landed catch. The at-sea observer program was created in 1996 to monitor stock specific species catches and releases and collect biological samples and scientific information that assist scientists in assessing the health of Groundfish stocks.
Fisheries and Oceans Canada	Services	Fisheries Research	Ontario	gov	4	Fisheries and Oceans Canada (DFO) and its Special Operating Agency, the Canadian Coast Guard, deliver programs and services that support sustainable use and development of Canada's waterways and aquatic resources.

Sort by: Subsector/ Primary Sector/State

Gilman Corporation	Materials and Supplies	Flotation	CT	p	3	Ionomer foam products manufactured by Gilman Corporation under the brand name Softlite® include: US Coast Guard navigational buoys, ship and dock fenders, mooring and pick-up buoys, booms and barriers for safety and security, seat pads and skier awareness products for ski areas, chemical seals--wiper tips--for tank farm floating roofs, Twist-Tite® pipe insulation, standard rolls and sheets, laminated rolls and sheets, and custom manufacturing in our purpose-built plant pictured above.
Flotation Technologies	Materials and Supplies	Flotation	ME	p	3	Flotation Technologies' world headquarters houses administration, sales, engineering, research, development and manufacturing departments. This state-of-the-art manufacturing facility allows Flotation Technologies to provide quick turn-around on projects of any size to exacting customer specifications. Flotation Technologies' products are built to withstand the rigors of deployment and recovery operations on offshore rigs and oceanographic vessels alike and are used in some of the most demanding conditions on earth: under the polar ice in the arctic, in the blistering heat and ultra violet rays of West Africa, on the stormy surface of the world's oceans and under crushing pressure 7,000 meters under water. Everyday the company's products are put to the test, and pass.
Era7 Bioinformatics	Biotechnology	Genomics	MA	p	3	Era7 Bioinformatics is a research-driven bioinformatics company working with Next Generation Sequencing data using Cloud Computing. Era7 Bioinformatics is specialized in Microbial Genomics and Metagenomics providing advanced services related to knowledge management and sequencing data interpretation in these areas. Our business model is based on Research, use of cloud computing, development of Open Source bioinformatics platforms

						and on our specific focus to Microbial genomics.
Ocean Genome Legacy	Biotech-nology	Genomics	MA	np	2	The Ocean Genome Legacy is a non-profit marine research organization and biological specimen repository dedicated to exploring and preserving the wealth of information contained in the genes (DNA) of endangered, rare, unusual and ecologically critical marine organisms. Its mission is to acquire, authenticate, study, preserve, develop, and distribute genetic materials, biological specimens, information, technology, and standards needed to advance basic and applied non-commercial research. By providing secure storage and broad public access to genomic materials and a forum for sharing samples, data, and ideas, the Ocean Genome Resource collection aims to serve as a catalyst for research that can help to protect marine ecosystems and improve the human condition.
Empire Genomics	Biotech-nology	Genomics	NY	p	3	In this era of ever changing technology, Empire Genomics delivers the most advanced genomic tools to aid the scientific community in its research and diagnostic challenges. Our superior genomic platform utilizes proprietary techniques that allow for the fast and accurate detection of chromosomal aberrations. Through many years of experience in the area of comparative genomic hybridization and our superior genomic platform, we are able to provide continuous support for research and diagnostic applications in areas of cancer biology, biomarkers, drug discovery, prenatal screening, developmental disorders and

						autism, among many others.
Geometrics, Inc	Equipment Manufac-turing	Geophysical	CA	p	2	Our instruments are used from the highest altitudes to the depths of the ocean floor and in all climate and temperature conditions in the air, on the sea and on land. Could be used for Oil & Gas exploration, Mineral Exploration, Military, defense, UXO, and security applications, archaeological reconnaissance, agricultural geophysics, treasure exploration, infrastructure, dike & levee inspection
EdgeOne LLC	Equipment Manufac-turing	Geophysical	MA	p	5	EdgeOne LLC, doing business as ORE Offshore, designs, manufactures, and supplies acoustic survey and geophysical equipment for offshore, military, and institutional markets. It offers underwater navigation and positioning systems, such as broadband acoustic tracking systems; Trackpoint 3, a system that is configured for a desktop application with a PC or laptop; TrackPoint 3P, an acoustic underwater tracking system used in open boats in various weather conditions; underwater responders/transponders; motion reference units; and IPS (integrated positioning system), a PC-based software package developed for the purpose of integrating a USBL acoustic tracking system with DGPS.

Sort by: Subsector/ Primary Sector/State

American Vibracore Services	Services	Geophysical	FL	p	4	Vibracore Sampling is a modern methodology for retrieving undisturbed segments of marine core environments to evaluate sub-bottom sediments. This method is particularly useful in providing direct sample validation of sub-bottom and seismic profiling efforts. These samples are beneficial to environmental and geotechnical projects including sand resource evaluation related to beach restoration, beach renourishment, stratigraphic research and pre-dredge studies.
Free Flow Power	Energy	Hydropower	MA	p	2	Clean renewable energy company focusing on hydropower, hydrokinetic and hydro pumped storage as reliable, cost-effective sources of electricity and grid stability.
Clean Current Power Systems Incorporated	Energy	In-stream Turbines	BC	p	3	We are the Company that develops, licenses and continues to improve the pre-eminent technologies for in-stream turbine electricity generation devices. This means that ours is the technology of choice for power producers and our technologies dominate the in stream power markets. Clean Current Power Systems Incorporated is a private Canadian company that: develops, patents, licenses and continues to improve: technologies for in-stream turbine electricity generation devices (tidal, ocean and river) - fault tolerant generation/motor technologies for low maintenance operation in hostile conditions - coatings methodology to protect copper wire from salt water
Ideal Windlass Company	Marine Engineering	Instrumentation and Equipment	RI	p	3	Our ability to build custom windlasses makes the selection and installation of windlasses easy even in the most difficult of situations. Because we fabricate our own gear boxes, we have the capability of offering a wide range of customized units. Often this makes the difference in the designing or refurbishing of a vessel.

Sort by: Subsector/ Primary Sector/State

Pearse-Bertram LLC	Equipment Manufacturing	Marine Engineering	CT	p	2	Pearse-Pearson and Bertram Controls have long been recognized as independent distributors that provided exceptional products and services to our respective markets of Industrial Automation/Motion Control and Instrumentation/Process Control.
NEW Industries	Equipment Manufacturing	Marine Engineering	LA	p	4	New Industries focuses on large diameter, shop fabricated pressure vessels including tanks for inland and offshore barge transportation of LPG, chlorine and amonia, dry bulk mud tanks for offshore supply vessels and drilling rigs, subsea production hardware including jumpers, PLETs, PLEMs, manifolds and suction piles, process vessels for on- and offshore oil and gas production facilities, gas plants and other process facilities as well as a wide variety of specialty fabrication projects such as DNV certified lifting appliances, portable buildings/cabins and ROV components.
L.L. Rowe Company	Equipment Manufacturing	Marine Engineering	MA	p	2	Whatever your needs, Electrical Connectors, Molded Cable Assemblies, Hull Penetrators, Magnetic Switches, Distribution Panels, Control Boxes, Navigational Lighting, Interior Communication Equipment, the L. L. Rowe Co. and it’s expert staff will work with you to develop a quality product .
Seaver Engineering Associates	Equipment Manufacturing	Marine Engineering	MA	p	2	Oceanographic Services

Sort by: Subsector/ Primary Sector/State

Markey Machinery Company	Equipment Manufacturing	Marine Engineering	WA	p	2	Markey's advanced oceanographic winch systems provide ultimate dependability, reliability and precise performance when and where you want it. Operating within critical windows of opportunity you can count on our sustom winches, capstans, windlasses and auxiliary machinery for the successful execution and completion of your research.
Applied Physical Sciences	Research and Development	Marine Engineering	CT	p	2	The technical staff at Applied Physical Sciences covers a wide range of experience in the physical sciences, mechanical and electrical engineering, applied mathematics, and meteorological and oceanographic systems engineering. We offer services of applied R&D, modeling and simulation, sensor and system development to government and commercial customers. Our core competencies fall within the following scientific and engineering disciplines: acoustics, hydrodynamics, electromagnetics, signal processing, manufacturing, METOC systems
Evo Logics	Research and Development	Marine Engineering	Germany	p	2	EvoLogics is a Germany-based high-tech enterprise. It was founded in 2000 by a group of leading international scientists and R&D experts to develop innovative key technologies for the aerospace, maritime and offshore industries through interdisciplinary cooperation between engineering and life sciences. By combining applied research with commercialization, EvoLogics can offer the market, the most advanced technologies as they are developed at the research labs. EvoLogics engineers are also involved closely with the commercial market so as to be aware of the needs of the market while developing applications from their research.

Sort by: Subsector/ Primary Sector/State

L-3 MariPro	Services	Marine Engineering	CA	p	2	L-3 MariPro is an ISO 9001:2000 certified company located near Santa Barbara, California. With nearly five decades of experience, we specialize in providing undersea sensor networks and spread spectrum through water communication solutions. We are a system concept-through-operations company with extensive experience in responding to demanding customer requirements. We have adopted a disciplined systems engineering approach to our overall design process that includes: high level system trades, detailed reliability and availability analysis, active risk trades, and modeling of critical powering, fiber optic transmission, electrical, mechanical, and marine installation parameters. In addition, validation and/or monitoring of key system performance parameters are performed throughout the entire design, build and marine installation process.
Five Star Rockwater	Services	Marine Engineering	CT	p	4	The Rockwater Team has been developing and marketing integrated systems and products designed for the rehabilitation and stabilization of Marine Facilities and Underwater Structures for over 25 years. Our products were designed and field-tested by Rockwater personnel who are experienced commercial divers and engineers. Rockwater is well aware of the importance of ease of installation, increased productivity and product consistency. We have a proven track record of Quality Control and Customer Satisfaction.
All Cape Welding	Services	Marine Engineering	MA	p	4	At All Cape Welding we are committed to providing top quality products. We design and fabricate boat towers, t-tops, and accessories to your specifications. Our facility is equipped to handle aluminum fabrication as well as pipe welding and marine welding for all your boating needs .

Sort by: Subsector/ Primary Sector/State

Cape Shores Welding Inc.	Services	Marine Engineering	MA	p	2	Cape Shores Welding Inc., located on Cape Cod, Massachusetts, provides quality welding services to a wide array of satisfied customers. Richard Zamachaj, owner and operator of the organization, brings to the company 22 years of welding experience servicing the marine, aerospace, nuclear and industrial markets. Rich, and his hand-selected staff of highly trained craftsman, are committed to providing their customers with the highest quality service in a timely and professional manner. This commitment is reflected throughout the company, and is proudly displayed within the company's mission statement: Cape Shores Welding Inc. specializes in precision welding of all ferrous and non-ferrous materials. We are committed to our customers by responding to their production and scheduling requirements while delivering the highest level of welding expertise. Qualified Staff: Cape Shores Welding Inc. understands that its service is only as good as its people, therefore, great care has been taken in selecting highly skilled craftsman with an eye for detail.
Childs Engineering Corp.	Services	Marine Engineering	MA	p	5	Childs Engineering Corporation specializes in waterfront engineering. The services that we provide are focused on projects that are in, on, or near the water. We have built our reputation on providing personal services that result in creative, practical, and efficient solutions to our clients' engineering problems on the waterfront.
Littleton Research and Engineering Corp.	Services	Marine Engineering	MA	p	3	Provides consulting services to engineering and manufacturing companies in the field of applied mechanics. Special emphasis is placed on vibration, particularly as applied to ships, including prediction of vibration levels, design to avoid vibration, measurement of vibration and recommendations for minimizing vibration. Services are also

						provided in stress analysis, cryogenic and high temperature technology, heat transfer, fluid flow and vibration and noise transmission in structures and fluids.
Tension Technology International, Inc.	Services	Marine Engineering	MA	p	3	Marine Consultancy/Engineers: world recognized capabilities in fibre technology; ballistic fabric response; ocean, mechanical, marine and civil engineering; marketing; standards; quality assurance programs; rope technology and termination technology. TTI knows the ropes: We know how to select them (from the thousands available), to design them, to install them, to use them, to inspect them, to retire them. We will help you avoid the delays, expense and inadequate service life which can follow the use of the wrong material or construction. Consultancy, design and engineering service in ropes, textiles and marine systems
Forristall Ocean Engineering, Inc.	Services	Marine Engineering	ME	p	2	Specification of metocean criteria for offshore drilling rigs and production facilities, Specification of metocean criteria for nearshore structures, such as LNG terminals, Specification of metocean criteria for offshore wind farms, Investigation of hurricane damage to offshore structures, Recommendations for metocean surveys and field measurements, Writing requests for proposals, Independent reviews of metocean studies, Evaluation of the skill of numerical models of currents and waves, Research on the extreme value statistics of wave and crest heights, Real-time advice on weather for offshore activities including float-over platform installations

Sort by: Subsector/ Primary Sector/State

Scientific Solutions, Inc	Services	Marine Engineering	NH	p	3	SSI provides an array of advanced solutions that includes undersea detection research and development programs to protect the world's ports. We utilize proprietary as well as COTS hardware and custom software along with our unique signal processing systems. Our solutions are provided over a state-of-the-art communication backbone. SSI products insure maximum performance to enable our customers to protect and defend with reliability and peace of mind.
Janseneering, Inc	Services	Marine Engineering Technology/Ship Building and Design		p	4	At Janseneering, Inc., our mission is to provide our valued clients with the best quality plugs, patterns, limited use and production molds, and composite parts. We use state-of-the-art technology to build custom products that meet the needs of such industries as architecture, infrastructure, defense, recreational, automotive, industrial, marine and wind power. We have been on the end-user side and the supplier side of tooling projects. Our vast experience ensures our ability to meet our clients' needs at the highest possible quality, and delivered on time and within budget. Recently, the addition of our new 5-axis CNC profiling machine helps us generate the most current precision engineering with enough horsepower and rigidity to machine aluminum and meet higher tolerance requirements.
Pine Hill Equipment, Inc.	Services	Marine Engineering,Equipment Manufacturing, Fisheries Related		p	4	Pine Hill Equipment manufactures and sells a wide variety of marine and industrial hydraulic products. We also manufacture our own products since 1972, including custom hydraulic systems, winches and much more. We have the ability to build custom systems for any application, including marine, commercial, construction, etc.

Sort by: Subsector/ Primary Sector/State

Csnet International, Inc	Equipment Manufacturing	Marine Science	FL	p	3	CSA International, Inc. (CSA) specializes in marine sciences and services, with business lines focusing on the following industries: Energy Industry, Coastal Permitting, Coastal restoration and mitigation, coastal and ocean sciences, navy, marine services, planning
Molecular Genetics Laboratory (MGL)	Research	Marine Science	BC	gov	3	The Molecular Genetics Laboratory (MGL) provides genetics advice relating to conservation and management of fish and shellfish species in Canada. Genetic diversity within populations and genetic relationships among populations are evaluated through surveys of microsatellites, single nucleotide polymorphisms (SNPs), major histocompatibility complex (MHC) variation, and gene expression. Applications include determination of population structure and appropriate assessment and management units, identification of stock compositions in mixed-stock fisheries, forensics, evaluation of hatchery and aquaculture broodstocks, identification of prey items in marine mammal diets, determination of evolutionary relationships in teleost fish, and application of biomarkers to identify upregulation and downregulation of specific gene complexes.
The Institute of Ocean Sciences	Research	Marine Science	BC	np	3	The Institute of Ocean Sciences has earned international recognition for its work in ocean sciences. Its more than 250 scientists and researchers are dedicated to providing up-to-date information on all elements of oceanography, including fisheries and ocean research, environmental science and hydrography. They also work closely with staff at other Fisheries and Oceans' labs in BC.

Sort by: Subsector/ Primary Sector/State

The Marine Invasions Research Lab (SERC)	Research	Marine Science	MD	np	3	The Marine Invasion Research Laboratory has a staff of approximately 25 biologists, who conduct research throughout the country and overseas. Since its inception 13 years ago, the laboratory has been a nationwide training center in invasion ecology for roughly 35 technicians, 4 graduate students, 5 postdoctoral researchers and 40 undergraduate summer interns.
St. Andrews Biological Station	Research	Marine Science	New Brunswick	gov	5	Over the past century, the St. Andrews Biological Station (SABS) has become recognized nationally and internationally for its contributions to marine science. The current aim of SABS is to provide the scientific basis for management of human activities, with a focus on the Bay of Fundy and Gulf of Maine and taking advantage of unique seawater facilities, under an umbrella of applied coastal ecosystem science. A large portion of our work is collaborative with universities, environmental groups, aquaculture and fishing industries, and this is facilitated by co-location with the Huntsman Marine Science Centre.
Maurice Lamontagne Institute	Research	Marine Science	Quebec	gov	5	The Maurice Lamontagne Institute (MLI), located near Mont-Joli, in the province of Québec, on the shores of the St. Lawrence Estuary, is part of Fisheries and Oceans Canada's network of a dozen research centres and is one of the world's major francophone marine sciences centres. Inaugurated in 1987, the Maurice Lamontagne Institute has some 400 employees, and also welcomes post-doctorate fellows, visiting scientists and students. Many state of the art projects are carried out in collaboration with the fisheries and commercial shipping industries, as well as with universities.

Sort by: Subsector/ Primary Sector/State

Marine Mammal Research Program (Texas A&M)	Research	Marine Science	TX	np	3	The Marine Mammal Research Program acts as an umbrella under which multidisciplinary research on the behavior, ecology, taxonomy, anatomy, physiology, toxicology, parasitology, and conservation of marine mammals is organized and integrated.
Monterey Bay Aquarium Research Institute	Research & Education	Marine Science	CA	np	3	MBARI's current efforts span eight research themes, including: benthic processes, midwater research, upper ocean biogeochemistry, ocean observatories, remotely operated vehicle enhancements and upgrades, new in situ instruments, infrastructure support, and information dissemination and outreach.
Ocean Sciences Research Institute	Research and Development	Marine Science	CA	np	4	The Ocean Sciences Research Institute is a tax-exempt, private, nonprofit educational and research institution, located in La Jolla, California, and focused on basic and applied research in the marine sciences and environmental policy.

Sort by: Subsector/ Primary Sector/State

The Woods Hole Group, Inc.	Research and Development	Marine Science	MA	p	3	Woods Hole Group is an international environmental, scientific, and engineering consulting organization headquartered in Falmouth, Massachusetts. We are committed to meeting our clients' objectives and at the same time safeguarding the environmental health of our planet. This requires a fundamental understanding of the laws of Nature and a willingness – and ability – to challenge long-accepted notions of what can and cannot be done.
Poseidon Sciences	Research and Development	Marine Science	NY	p	4	Poseidon has three areas of major interest: (1) Solutions to environmental and commercial technologies adversely affecting our oceanic environment; (2) Innovations in the artificial culture of marine and freshwater organisms of economic importance; and (3) the development of natural compounds for use in medical treatments. The first has led to the development of a novel concept that prevents the attachment of barnacles, accomplished through the use of environmentally friendly biochemicals instead of deadly man-made toxins that are now slowly killing our oceans. The second has led us to ways of producing marine food organisms that reduce the harvesting pressures on natural populations. The third has resulted in the discovery of compounds for skin diseases, diabetes and malaria control.
Marine Sciences Laboratory (Battelle)	Research and Development	Marine Science	WA	gov	3	Building upon a history of research related to marine and coastal resources, environmental chemistry, water resources modeling, ecotoxicology and biotechnology—and more recently, national and homeland security,

Sort by: Subsector/ Primary Sector/State

Dauphin Island Sea Lab	Research and Education	Marine Science	AL	np	5	As a marine laboratory the DISL's mission encompasses marine science education, marine science research, coastal zone management policy and educating the general public through the Estuarium, DISL's public aquarium. Founded in 1971 by the State Legislature, the Dauphin Island Sea Lab (DISL) is Alabama's marine science education and research laboratory. Located on the eastern tip of Dauphin Island, a barrier island in the Gulf of Mexico, the DISL is surrounded by Mobile Bay, Mississippi Sound and the waters of the Gulf, making it perfectly situated for a wide range of marine science activity.
Center for Dark Energy Biosphere Investigations	Research and Education	Marine Science	CA	np	3	National Science Foundation (NSF)-funded Science and Technology Center on the deep subseafloor biosphere. Our mission is to explore life beneath the seafloor and make transformative discoveries that advance science, benefit society, and inspire people of all ages and origins. We are a multi-institutional distributed center establishing the intellectual, educational, technological, cyber-infrastructural and collaborative framework needed for transformative experimental and exploratory research on the subseafloor biosphere
Moss Landing Marine Laboratories	Research and Education	Marine Science	CA	np	3	An outfitted Marine Operations department, strong research diving program and state of the art equipment allow for cutting edge research in a wide variety of disciplines including: marine ecology, the biology of marine plants, invertebrates, fishes, turtles, birds and mammals, oceanography, and marine geology, chemistry, and biogeochemistry. MLML is known for a hands-on, field-oriented approach, which places our students, faculty, researchers and staff at the frontiers of marine science worldwide where discoveries are being made.

Sort by: Subsector/ Primary Sector/State

Harbor Branch Oceanographic Institute	Research and Education	Marine Science	FL	p	4	Protect and wisely use the oceans' resources has shaped the work at Harbor Branch Oceanographic Institute. Today, articulated as Ocean Science for a Better World®, this same vision drives more than 160 Harbor Branch scientists, engineers and support staff to be leaders in ocean-related innovation, exploration, research, education and conservation. Also has an aquaculture team that works on new ways to farm seafood.
Keys Marine Lab	Research and Education	Marine Science	FL	np	4	The Keys Marine Laboratory is a full-service marine lab situated in the heart of the Florida Keys island chain at mile marker 68.5. The facility offers a unique opportunity for college level education and researchers studying the only tropical marine ecosystems in the continental United States. The laboratory includes flow-through seawater systems, housing, laboratories, classroom/meeting rooms, boat fleet, and diving support facilities. An ideal location with easy access to Florida Bay, the Everglades National Park, the Florida Current, and the Florida Keys National Marine Sanctuary, KML offers an excellent base of operations for your next field excursion.
Mote Marine Laboratory	Research and Education	Marine Science	FL	np	4	Mote is dedicated to today's research for tomorrow's oceans with an emphasis on world-class research relevant to conservation and sustainable use of marine biodiversity, healthy habitats and natural resources

Sort by: Subsector/ Primary Sector/State

Smithsonian Marine Station at Fort Pierce	Research and Education	Marine Science	FL	np	4	The overall mission of the Smithsonian Marine Station at Fort Pierce is support and conduct of scholarly research in the marine sciences, including collection, documentation and preservation of south Florida's marine biodiversity and ecosystems, as well as education, training, and public service. Specific research emphases are:
The Whitney Laboratory for Marine Bioscience	Research and Education	Marine Science	FL	np	3	The Whitney Laboratory for Marine Bioscience is a research institute of the University of Florida. The Lab's mission is to use marine organisms in basic biological research, and to apply, where possible, the environment; to train future experimental biologists; and to contribute to public education and to the formulations of the policy in basic research and marine science.
The Provincetown Center for Coastal Studies	Research and Education	Marine Science	MA	np	2	The Provincetown Center for Coastal Studies sits at the end of the land and the beginning of the sea. Our vantage point, at the tip of Cape Cod, allows us to work in the midst of an extraordinary ecosystem where all things converge. It is the place where the temperate zone and the sub-boreal zone meet, where the sandy shore knows its northernmost reach and the rocky shore is about to begin. The explosion of upwelling nutrients just offshore and the convergence of many habitats means an explosion of wildlife as well, a home to feed and breed for shorebirds and turtles, whales and dolphins, seals and ground fish, sponges and periwinkles, sea urchins and sand dollars.
Woods Hole Oceanographic Institution	Research and Education	Marine Science	MA	np	2	WHOI scientists and engineers combine access to specialized tools, ships, labs, and underwater vehicles with hard-won knowledge of how to explore the ocean to create a detailed understanding of the global ocean system. WHOI also fosters a long-standing commitment to education and outreach that help ensure the future of ocean research.

Sort by: Subsector/ Primary Sector/State

Smithsonian Environmental Research Center	Research and Education	Marine Science	MD	np	4	The Smithsonian Environmental Research Center (SERC) leads the Nation in research on linkages of land and water ecosystems in the coastal zone and provides society with knowledge to meet critical environmental challenges in the 21st century.
The National Centers for Coastal Ocean Science	Research and Education	Marine Science	MD	p	5	NCCOS's mission is to provide coastal managers with scientific information and tools needed to balance society's environmental, social, and economic goals.
Bigelow Laboratory for Ocean Sciences	Research and Education	Marine Science	ME	np	3	Bigelow Laboratory for Ocean Sciences seeks to understand key processes driving global ocean ecosystems, their evolution, and their fundamental relationship to life on Earth. The Laboratory's research ranges from microbial oceanography — examining biological productivity and phytoplankton community dynamics in the world's oceans at the molecular level — to the large-scale biogeochemical processes that drive interactions between ocean ecosystems and global environmental conditions.
Gulf of Maine Research Institute (GMRI)	Research and Education	Marine Science	ME	np	2	The Gulf of Maine Research Institute is a non-profit marine science center located in Portland, Maine. Our work strengthens five essential elements that define an enduring relationship with the ocean: Healthy Ecosystem Sustainable Industries Vibrant Communities Abundant Opportunities Inspired Children
Huntsman Marine Science Centre	Research and Education	Marine Science	New Brunswick	np	4	The Huntsman Marine Science Centre is a private, not-for-profit research and education facility whose mission is inspiring stewardship through the engagement of the Community in the discovery of the Oceans; the design and delivery of inspirational educational experiences and the

						advancement of marine sciences through collaborative research and the development of innovative technical solutions for our public and private sector partners.
Institute of Marine and Coastal Sciences (Rutgers)	Research and Education	Marine Science	NJ	np	3	The Institute of Marine and Coastal Sciences (IMCS) is a world-class oceanographic research institute dedicated to discovering and communicating exciting and critical science about our planet for the benefit of society. Our philosophy emphasizes the importance of understanding the processes that govern change and sustainability in the world's oceans to best use and protect our vital marine and coastal resources. Today, the institute remains true to the unique vision of Dr. Fred Grassle, whose founding principles established a tradition of pioneering research through integrative, inter-disciplinary approaches to ocean science, education and public service.
The Ocean Sciences Centre	Research and Education	Marine Science	NL	np	4	The Ocean Sciences Centre is a cold ocean research facility operated in conjunction with Memorial University of Newfoundland. Located in Logy Bay, NL, the Centre houses laboratories where research is conducted on the North Atlantic fishery, aquaculture, oceanography, ecology, behaviour and physiology. Research is conducted on organisms ranging from bacteria to seals.
The Laboratory for Oceanographic and Environmental Research	Research and Education	Marine Science	TX	np	3	The Laboratory for Oceanographic and Environmental Research (LOER) was organized in 1989 at the Fort Crockett Campus of Texas A & M University in Galveston as a research arm of the Department of Marine Science. The primary mission of LOER is to provide state of the art common access analytical facilities and support for coordinated interdisciplinary research efforts in environmental

						and biogeochemical studies. Numerous research scientists, postdoctoral investigators, graduate and undergraduate students, and staff interested in marine and aquatic environmental research also use LOER facilities. LOER maintains a close affiliation with and receives support from the Coastal Zone Laboratory and the Texas Institute of Oceanography.
Virginia Institute of Marine Science	Research and Education	Marine Science	VA	P	4	The Virginia Institute of Marine Science (VIMS) has a three-part mission of research, education, and advisory service. Our over-arching goals are to make seminal advances in understanding marine systems through research and discovery. Translate research findings into practical solutions to complex issues of societal importance, and provide new generations of researchers, educators, problem solvers, and managers with a marine-science education of unsurpassed quality. Also working on a seagrass program, aquaculture research, and offers sustainable seafood recipes.
Ecosystem Solutions, Inc	Services	Marine Science	RI	p	3	Services provided include all aspects of wetland science in relation to private, public, commercial and industrial land development. This includes wetland delineations, impact avoidance & minimization statements, wildlife habitat assessments, wetland assessments, construction oversight, biological monitoring, regulatory representation, expert testimony, and permitting & compliance assistance.
Geophysical Survey Systems Inc.	Equipment Manufacturing	Marine Surveying	NH	p	2	Geophysical Survey Systems, Inc. (GSSI) is the world's leading manufacturer of ground penetrating radar (GPR) equipment. With cutting-edge products designed to address a wide range of challenging applications, the GSSI name is synonymous with unsurpassed data quality and

						field-proven reliability.
Ocean Surveys, Inc.	Services	Marine Surveying	CT	p	3	Ocean Surveys, Inc. (OSI) was founded in 1965 to provide industry and government with the technical expertise to acquire and interpret scientific data from both marine and freshwater environments.Company capabilities include hydrographic, oceanographic and limnologic, geophysical and geotechnical (sediment sampling) survey services.
C & C Technologies, Inc	Services	Marine Surveying		p	1	C & C Technologies, Inc. is a privately-owned international surveying and mapping company specializing in deepwater services, with 600 employees worldwide. Our cutting-edge technologies, inspiring workplace and "can do" attitude endear our clients and attract the industry's leading innovators. C & C services include CCGIS Map, C-Nav GNSS, Geophysical and geosciences survey services, Geotechnical services, Government services, Marine construction survey services, Unmanned systems
Northeast Maritime Institute	Services	Marine Training	MA	p	3	Headquartered at 32 Washington Street in Fairhaven, Massachusetts, NMi Services is recognized as a world leader in training and business support services for government agencies and commercial industries, including transportation, oil and gas, power and utilities, port facilities, and shipping.
Dampney Company, Inc.	Marine Engineering	Materials and Supplies	MA	p	3	Dampney Company, Inc. of Everett, Mass., has designed, developed, manufactured, and distributed engineered coating systems for specialized applications. Dampney serves the refining, petro chemical, chemical processing, oil & gas, pipeline, power, OEM, pulp & paper, and mate-

						rials processing markets.
Marine Ecotoxicology Research Station	Research	Ocean Conservation	TX	np	4	MERS is a field station affiliated to the Columbia Environmental Research Center (CERC), USGS. It is dedicated to conducting ecotoxicological studies for the assessment of biological effects of contaminants in marine and estuarine environments. Its mission of is to conduct research that will promote: * Proper decision-making in environmental management, leading to better preservation of marine biological resources and * Enhancement of the quality of marine biological resources, and ultimately, of human life.
Manomet	Research and Development	Ocean Conservation	MA	np	3	Manomet's mission is to conserve natural resources for the benefit of wildlife and human populations. Through research and collaboration, Manomet builds science-based, cooperative solutions to environmental problems.
Hubbs-Sea World Reseach Institute	Research and Education	Ocean Conservation	CA	np	3	Hubbs-SeaWorld Research Institute is a public, non-profit charity dedicated to providing effective solutions to conflicts that arise between human activity and the natural world. Hubbs-SeaWorld scientists apply sophisticated technologies to seek the solutions that protect and conserve marine animals while benefiting humans and their reliance on marine resources.
SoundWaters	Research and Education	Ocean Conservation	CT	np	2	The mission of SoundWaters is to educate children and adults about the wonders and beauty of Long Island Sound and its watershed. Through education, SoundWaters provides people with an understanding and awareness of the changes they can make in their lives and communities to restore, protect and preserve Long Island Sound and the Environment.

Sort by: Subsector/ Primary Sector/State

Oceanic Research Group, Inc	Research and Education	Ocean Conservation	MA	np	4	Oceanic Research Group, Inc. is a non-profit 501(c)(3) organization dedicated to the conservation of the world's oceans and marine life through education.
Oceana	Research and Education	Ocean Conservation		np	3	The largest international organization focused solely on ocean conservation. Offices in North America, South America and Europe work together on a limited number of strategic, directed campaigns to achieve measurable outcomes that will help return our oceans to former levels of abundance. They believe in the importance of science in identifying problems and solutions. Scientists work closely with teams of economists, lawyers and advocates to achieve tangible results for the oceans. Closest regional office is in NY.
World Resources Institute	Research and Education	Ocean Conservation		np	5	An environmental think tank working to move human society to live in ways that protect Earth's environment and its capacity to provide for the needs and aspirations of current and future generations. WRI provides objective information and practical proposals for policy and institutional change that will foster environmentally sound, socially equitable development for.
JBF Environmental Technology	Services	Ocean Conservation	CT	p	4	In 1969, JBF developed a patented method for physically removing oil and other floating material from the surface of water. The United States Environmental Protection Agency purchased the first operational Dynamic Inclined Plane (DIP) oil skimmer for the U.S. Naval Facilities Engineering Command in 1970.The success of JBF skimming systems lies with the extremely high performance of the JBF Dynamic Inclined Plane oil recovery system in a wide range of oil types and wide range of operating conditions. The key feature of the JBF DIP skimmer is it's ability to collect and separate the oil in a single operation. The high

						performance of the DIP skimmer is maintained in thick oil slicks and in sheens. The ability of the JBF DIP skimmer to collect oil at speeds up to 5 knots enables the spill clean up time to be dramatically reduced. The proven JBF DIP skimming system has been thoroughly tested both in the field and in test tanks. The design of the JBF DIP oil recovery system, whether in an integrated Oil Recovery Vessel or an "over-the-side" VOSS system, allows for easy and safe deployment. The DIP skimming systems also incorporate debris removal and handling systems to allow operation in non-ideal conditions. The JBF Oil Spill Recovery Vessels can function as multi-purpose vessels, with addition of fire fighting equipment, dispersant systems, boom storage, command control and towing capabilities.
Rhode Island Sea Grant	Services	Ocean Conservation	RI	p	3	Based at the University of Rhode Island (URI) Graduate School of Oceanography, Rhode Island Sea Grant is a partnership of the university, the National Sea Grant College Program, the National Oceanic and Atmospheric Administration (NOAA), and the state of Rhode Island. Rhode Island Sea Grant has the distinction of being one of the first four Sea Grant programs in the U.S. It is also home to one of only four Sea Grant Legal Programs in the country—the only one in the Northeast—located at Roger Williams University School of Law. The program supports research, extension, legal, and education programs that address issues in the thematic areas of sustainable coastal development, healthy coastal ecosystems, and safe and sustainable seafood.

Sort by: Subsector/ Primary Sector/State

Ocean Conservancy	Services	Ocean Conservation		np	3	Ocean Conservancy educates and empowers citizens to take action on behalf of the ocean. From the Arctic to the Gulf of Mexico to the halls of Congress, Ocean Conservancy brings people together to find solutions for our water planet. Informed by science, our work guides policy and engages people in protecting the ocean and its wildlife for future generations
Atlantic Hydrokinetics	Energy	Ocean Energy	RI	p	3	
GenPro Energy Solutions	Energy	Ocean Energy	SD	p	4	Delivers sustainable, renewable energy products and systemsworldwide. We provide solar modules, solar-powered water pumping systems, wind turbines, solar thermal heating systems, water purification systems, LED lighting, grid-tieand off-grid systems, and more.
New England Marine Renewable Energy Center @ UMD	Energy	Ocean Energy Development	MA	np	3	Organization comprised of academia, government agencies, industry, municipalities, public interest groups and concerned individuals. MREC's focus is to foster the development of ocean based renewable energy (wave, tidal, current and ocean wind). MREC is developing a network of technology developers and energy users who will collectively define the needs of this nascent industry and work to bring together the required technology, capital, infra-

						structure, human resources to implement ocean renewable energy in the most sustainable manner for the region.
Deepwater Wind	Energy	Ocean Energy Development	RI	p	3	America will need all types of renewable, domestically generated energy in the coming years. But only offshore wind energy can be developed at a rate and scale required to bring about the change we need today. We are developing utility-scale wind farms in deep waters that will provide abundant clean energy — up to 1,000 megawatts or more at each wind farm. Just as important, these large wind farms will be generating power closest to where it's needed most — in energy-constrained East Coast markets where power is commonly generated using fossil fuels and construction of new generation is difficult. In the process of developing and operating these wind farms, we will partner with state and local governments to foster economic development. The benefits of new jobs, clean energy, and reduced reliance on foreign energy sources will be seen by coastal communities — and the entire country.
Maine Marine Composites	Services	Ocean Energy Development	ME	p	3	Maine Maine Composites provides complete solutions for the design and engineering of small craft and offshore alternative energy systems. Specializing in computer-aided design and analysis of boats and marine structures, the talented staff of MMC can tackle complex hydrodynamic problems ranging from analyzing the water flow around high-speed planing boats to predicting the spectrum of motions on an ocean wave energy system.

Sort by: Subsector/ Primary Sector/State

InterOcean Systems, Inc	Equipment Manufacturing	Ocean Measurement Systems	CA	p	4	For over 60 years InterOcean systems, inc. has been the world leader in the design and manufacture of premier quality oceanographic and environmental equipment and systems. We continually improve and broaden our line of products, and strive to accommodate each customer's requirements and needs. Our product line includes S4 Current Meters, Wave & Tide Gauges, Meteorological/Oceanographic (METOC) Buoys, Acoustic Releases, Winches & Marine Handling Systems, Hydrophones, and Remote Oil Spill Detection and Sampling. With our proven commitment to product reliability and support, you may rely on InterOcean for your marine equipment and instrumentation needs.
Liquid Robotics	Equipment Manufacturing	Ocean Measurement Systems	CA	p	4	Initially a joint venture between Jupiter Research Foundation and Roger Hine to develop an unmoored, station-keeping data buoy for monitoring humpback whales, Liquid Robotics was incorporated in January of 2007 to continue development of the technology. The Wave Glider is our flagship product, enabling dozens of applications and missions never before possible. Now, with a growing staff, Liquid Robotics is poised to capture this newly created niche in the marine technology market, bringing the innovation and entrepreneurial spirit of Silicon Valley to the ocean science and technology sector.

Sort by: Subsector/ Primary Sector/State

The Oceanscience Group	Equipment Manufacturing	Ocean Measurement Systems	CA	p	3	The Oceanscience Group is a world leader in development of oceanographic, hydrographic, and hydrologic deployment equipment designed to save survey time and improve data quality. Our major products are remotely-controlled and tethered instrumentation deployment boats for acoustic Doppler current profilers, the UnderwayCTD and UnderwaySV that introduced the possibility of affordable and compact profiling from a moving vessel, and the popular Sea Spider and Barnacle seafloor platforms. We supply turnkey remote hydrographic survey boat systems to individual project specifications, typically including environmental monitoring or bathymetry equipment, GPS positioning and data telemetry. Our experienced ocean engineers can design customized equipment deployment buoys, and we are the supplier of the Clamparatus ADCP frame to NOAA for the PORTS Aid to Navigation (ATON) system.
Star-Oddi	Equipment Manufacturing	Ocean Measurement Systems	Iceland	p	2	Star-Oddi is a manufacturer of innovative scientific research tools, mainly data loggers for ecosystem and animal studies. Products include submersible and implantable temperature loggers, sensors such as depth (pressure), salinity (conductivity), tilt angle, light, humidity, acoustic and magnetic field strength.
Biological Environmental Sampling Systems	Equipment Manufacturing	Ocean Measurement Systems	MA	p	4	No description found

Sort by: Subsector/ Primary Sector/State

Clearwater Instrumentation, Inc.	Equipment Manufacturing	Ocean Measurement Systems	MA	p	4	Clearwater Instrumentation manufactures sophisticated, autonomous, oceanographic instruments, called drifters. Drifters operate unattended while floating on the sea surface and relay environmental information to the user by satellite. Meteorologists and oceanographers in research and observational programs use Clearwater drifters to measure ocean surface current velocities and other environmental data from the sea and the atmosphere, anywhere on the world's oceans. We also provide data and consulting services to our clients. Our clients include military and governmental agencies, research institutions, and universities in the US and internationally.
YANKEE ENVIRONMENTAL SYSTEMS, INC.	Equipment Manufacturing	Ocean Measurement Systems	MA	p	4	Since 1989, Yankee engineers have been focused on solving some of the most difficult measuring problems known to man, including global warming, acid rain, and ozone depletion. Our instrumentation products help solve some of your most difficult challenges in temperature and moisture, atmospheric radiation and remote automated weather observation. More recently, Yankee has focused its efforts on operational meteorology and homeland defense, such as tracking winds that might carry a plume from a dirty bomb. Automated Total Sky Imagers and Radiosonde Launchers reduce or eliminate the need for human observers, freeing personnel to work on more value-added tasks. Yankee introduced the world's first no-moving-parts precipitation sensor based on hotplate technology licensed from the National Center for Atmospheric Research. This novel sensor will lead to important improvements in air and road safety in winter conditions.

Sort by: Subsector/ Primary Sector/State

AIRMAR Technology Corporation	Equipment Manufacturing	Ocean Measurement Systems	NH	p	2	Airmar's marine and industrial sensors serve a wide range of international markets. Our marine product line includes fishfinder transducers that mount through the hull, in the hull, and on the transom. We also offer temperature sensors, NMEA 0183 sensors, and NMEA 2000® sensors. Our high-performance, 1 kW transducers use broadband technology which enhances overall fishfinder function. Airmar also has a full line of survey-echosounder and portable-survey transducers including models suitable for shallow water, harbor survey, deep water, ocean survey, and sub-bottom profiling. The industrial line includes ultrasonic air transducers for a wide variety of applications including: flow and level measurement, automation control, proximity sensing, tank level sensing, distance measurement, and obstacle avoidance. Factory Mutual (FM) approved transducer models are suitable for Class l, Division 1 Hazardous Locations. Airmar also offers custom air and marine transducers built to your specifications and integrated sensors. Our WeatherStation Instruments combine readings from an ultrasonic anemometer, temperature sensor, barometric pressure sensor, and humidity sensor, all in a single compact unit without moving parts.
Ocean Observatories Initiative	Research	Ocean Measurement Systems		np	4	The OOI, a project funded by the National Science Foundation, is planned as a networked infrastructure of science-driven sensor systems to measure the physical, chemical, geological and biological variables in the ocean and seafloor. The OOI will be one fully integrated system collecting data on coastal, regional and global scales. Greater knowledge of the ocean's interrelated systems is vital for increased understanding of their effects on biodiversity, ocean and coastal ecosystems, ecosystem health

						and climate change. OOI will put real time ocean observing data in the hands of a vast user community of oceanographers, scientists and researchers, educators and the public.
BMT Scientific Marine Services	Services	Ocean Measurement Systems	CA	p	4	BMT Scientific Marine Services Inc provides integrity and structural monitoring, performance prediction and verification for all types of marine and offshore floating platforms that must operate above and below the waterline. Our dedicated and experienced personnel are committed to quality systems and timely service. We strive to provide technology that is fit for purpose, recognizing that our overarching objective is progress without unnecessary risk.
Ocean Technology Group (University of Miami)	Services	Ocean Measurement Systems	FL	p	2	The Ocean Technology Group provides technical and personnel support for sea-going experiments locally, nationally, and around the globe.
Horizon Marine	Services	Ocean Measurement Systems	MA	p	2	We utilize state-of-the-art techniques in the analysis of oceanographic data for mapping, modeling, and forecasting significant events. Our system of daily observations, including several remote sensing techniques, enables real-time data analysis, reporting, and forecasting the migration and strength of ocean currents worldwide. Utilizing Horizon's services, the offshore industry is able to plan safe and efficient operations, minimize costly downtime caused by severe currents, and provide valuable information to in the event of an oil spill.

Sort by: Subsector/ Primary Sector/State

Lighthouse R&D Enterprises, Inc	Services	Ocean Measurement Systems	TX	p	4	Lighthouse R&D Enterprises, Inc. serves the global community by producing underwater monitoring systems capable of measuring time-series phenomena such as physical and chemical oceanographic properties, and seismic and wave height data for tsunami warning systems. Systems are installed as either autonomous moorings, with periodic data recovery, or connected to a shore facility by fiber-optic cable for real-time data delivery. Our state of the art systems use the most innovative concepts, forward-thinking technology, and environmentally sensitive collection methods available.
SubChem Systems, Inc	Equipment Manufacturing	Ocean Measurement Technology Improvement		p	3	is a Rhode Island small business, and contractor for the US Department of Defense. Our company offers specialized submersible chemical analyzers for nutrients, trace metals and other chemicals of interest. We also provide environmental data collection and analysis software, environmental and ocean engineering consulting services, and technical support for water quality monitoring in freshwater, coastal and ocean observation programs. The primary goal of our company is to develop and provide new and improved technology to the global environmental, oceanographic and defense markets - submersible chemical analyzers and sensor systems for water quality monitoring and underwater surveillance.

Sort by: Subsector/ Primary Sector/State

SRI International	Research	Ocean Measurement Technology Improvement	np	5	SRI International is an independent, nonprofit research institute conducting client-sponsored research and development for government agencies, commercial businesses, foundations, and other organizations. We bring our innovations to the marketplace through licenses and new ventures. Since our founding in 1946 by Stanford University, SRI has been committed to discovery and to the application of science and technology for knowledge, commerce, prosperity, and peace. SRI became independent of the university in 1970, and we changed our name to SRI International in 1977.
Shoreline Environmental Research Facility	Research	Ocean Measurement Technology Improvement	np	3	The Shoreline Environmental Research Facility (SERF) endeavors to parallel its research strategies such that they align with those of national significance. Specifically, SERF's programmatic research theme is similar to that proposed by the National Science Foundation (NSF), entitled “Collaborative Large-Scale Engineering Analysis Network for Environmental Research”, or CLEANER. CLEANER is an initiative for collaborative research to support adaptive and sustainable environmental management, with the ultimate objective of facilitating a dynamic network for national and international coastal margins research and policy-making. SERF stresses sensor development, deployment, and applications for data collection (both geo-referenced fine-scale spatial surveys and fixed-point time-series), information synthesis, and analysis for integrative predictive whole coastal ecosystem modeling based on in-situ continuous, periodic, and episodic monitoring.

Schmidt Ocean Institute	Research	Ocean Measurement Technology Improvement	np	2	Schmidt Ocean Institute supports research and exploration projects that help expand the understanding of the world's oceans through technological advancements, data-rich observation and analysis, and open sharing of information. We combine advanced science with state-of-the art technology on our globally capable research vessel to create a lasting legacy in ocean exploration and research, catalyze open sharing of information about the oceans, and foster deeper understanding of our environment. We openly communicate our research findings to global audiences.
The Marine Science and Technology Foundation	Research and Development	Ocean Measurement Technology Improvement	np	5	The Marine Science and Technology Foundation (MSTF) is a non-profit, private operating foundation dedicated to advancing technology in oceanographic research. Vision: We cultivate deeper understanding of the marine environment through innovative platform technology, intelligent sensing, and open sharing of information.

Sort by: Subsector/ Primary Sector/State

Alpine Ocean Seismic Survey	Research and Development	Ocean Measurement Technology Improvement			3	The goal of the researchers who founded the company was to provide public and private institutions with the latest technologies developed within the university system.
General Oceanics	Equipment Manufacturing	Ocean Measurements	FL	p	4	The company's goal has been to design and manufacture the highest quality instrumentation and water sampling products available to the oceanographic community. Has branch in NY.
Aanderaa Data Instruments AS	Equipment Manufacturing	Ocean Measurements	MA	p	3	Aanderaa Data Instruments AS (AADI), headquartered in Bergen, Norway, designs, manufactures and sells sensors, instruments and systems for measuring and monitoring in demanding environments. We export more than 80% of our products and services around the world, and we are an international market leader in several of our product areas. Our main market areas are Marine Transportation, Oil and Gas, Aquaculture, Environmental Research, Road and Traffic and Construction.
Falmouth Scientific Inc	Equipment Manufacturing	Ocean Measurements	MA	p	2	Falmouth Scientific, Inc. (FSI) is a manufacturer of precision instrumentation for oceanographic applications. Founded in 1989, FSI operates from a state-of-the-art manufacturing facility in Cataumet, Massachusetts, located on Cape Cod. Our strategic close proximity to many prestigious organizations enables us to remain at the forefront of marine technology. Most importantly for our customers worldwide, all FSI products are supported by outstanding customer service.

Sort by: Subsector/ Primary Sector/State

Sea Sciences, Inc.	Equipment Manufacturing	Ocean Measurements	MA	p	2	Sea Sciences Inc. was established in Arlington, Massachusetts, USA in 1997. The company's goal is to design and manufacture portable, field-useableinstrumentation for coastal and freshwater research. Our field products can be used from small boats and need only a minimum of preparation. Our main product line is based on the AcrobatTM, a versatile computer driven tow body which supports a host of R&D instrumentation selected by the user.
Seapoint Sensors, Inc	Equipment Manufacturing	Ocean Measurements	NH	p	4	Seapoint Sensors, Inc. is one of the world's leading manufacturers of underwater optical sensors. Our sensors are known for their high performance, low power consumption, and 6000 meter depth rating. They can be used for in-situ measurements in fresh and salt waters including the most extreme of conditions, and for in-line industrial applications. Seapoint sensors are easily interfaced with a wide variety of third party equipment such as submersible dataloggers and CTD systems, handheld and benchtop dataloggers and displays.
YSI	Equipment Manufacturing	Ocean Measurements	Ohio	p	3	We work with professionals to develop water monitoring solutions for our planet’s natural resources. Whether you are concerned with climate change, floods, droughts, storm water runoff, clean drinking water, or healthy ecosystems, YSI can partner with you to provide reliable water resource instruments and systems. Our instruments, software, and data collection platforms are focused on environmental monitoring and testing. The integrated systems we deliver to our customers help them to obtain critical data about the quality of water.

Sort by: Subsector/ Primary Sector/State

Interactive Oceanographics	Equipment Manufacturing	Ocean Measurements	RI	p	2	Offers a wide variety of streamlining technology to assist in bathymetric and water quality mapping.
Laboratory for Autonomous Marine Sensing Systems (MIT)	Research and Development	Ocean Measurements	MA	p	2	The MIT Laboratory for Autonomous Marine Sensing in the Department of Mechanical Engineering is specializing in the development of new distributed ocean sensing concepts for oceanographic science, national defense and coastal management and protection. It continues two decades of multi-disciplinary research and development into such systems by Department of Ocean Engineering, and the MIT Sea Grant AUV Laboratory.
Atlantic Pacific Clearance Corporation	Equipment Manufacturing	Oceanography	NH	p	4	Marine search systems, integration, planning & conduct, EOD & minewarfare,
Florida Institute of Oceanography	Research and Education	Oceanography	FL	np	4	For more than four decades, the Florida Institute of Oceanography has unified marine science interests across Florida in the cause of understanding and stewardship of the coastal oceans. Now entering its 45th year, FIO is taking a leading national role in the scientific assessment of the impact of the Deepwater Horizon Oil Spill in the Gulf of Mexico.

Sort by: Subsector/ Primary Sector/State

Enviroscan, Inc	Equipment Manufacturing	Oceanography	PA	p	4	Enviroscan, Inc. specializes exclusively in nonintrusive, nondestructive geophysics - the science of detecting and mapping underground, underwater, or otherwise hidden objects or features. Despite the fancy title, geophysics is really just the earth science equivalent of medical radiology. Just as radiologists use noninvasive techniques to diagnose internal problems and minimize (and make safer) invasive surgery, geophysicists can detect and delineate subsurface features to minimize (and make safer) intrusive digging or drilling. Most importantly, geophysics can provide early warning of subsurface hazards such as buried utilities, sinkholes, drums, USTs, contaminant plumes, etc., - eliminating costly mid-project surprises.
McClane Research Labs, Inc	Research and Development	Oceanography	MA	p	4	Provides advanced time-series samplers and engineering design services to the international oceanographic community. Our product lines include a range of biogeochemical/physical oceanography sampling and profiling instruments for use in oceanographic research and environmental monitoring. The objective of McLane Research Laboratories is to enable worldwide investigators to achieve their research and scientific goals by providing advanced, cost-effective instrumentation. Through our long-term research and development programs and our long association with diverse researchers and projects, McLane has established a significant base of knowledge and proven technology in support of our objective.

Sort by: Subsector/ Primary Sector/State

Skidaway Institute of Oceanography	Research and Education	Oceanography	GA	np	4	Multidisciplinary research institution within the University System, is located on a 700 acre campus on Skidaway Island, 16 miles southeast of Savannah. The Institute sits on the banks of the Skidaway River, with access to a diverse range of estuarine and coastal habitats. Its remote pristine location, convenient to coastal and ocean waters, guarantees a constant influx of visiting scientists and students seeking access to state-of-the-art research facilities, accessible research locations, and opportunities for collaboration with Skidaway Institute's interdisciplinary and internationally-recognized research faculty.
URI Graduate School of Oceanography	Research and Education	Oceanography	RI	np	4	For five decades, studies of the ocean and marine environments have been a central focus of research and teaching at the University of Rhode Island Graduate School of Oceanography (GSO). Located on the water's edge at the University's Narragansett Bay Campus, GSO is an internationally respected oceanographic institution with a longstanding seagoing tradition. Founded in 1936 as the URI Narragansett Marine Laboratory, and reorganized as the Graduate School of Oceanography in 1961, GSO is the state's center for marine studies and cutting-edge research and outreach. GSO was founded as an institution without rigid boundaries between oceanographic sub-disciplines of biological, chemical, geological, and physical oceanography as well as archaeological oceanography and atmospheric chemistry. The result is a collegial school - an ideal setting for students, faculty and staff to collaboratively address the science questions and challenges of today.

Sort by: Subsector/ Primary Sector/State

Quest Marine Services	Services	Oceanogra-phy	MA	p	2	Provides a wide range of marine services to clients based primarily in the NE US. Marine surveying and consulting services are provided worldwide. These services include: Multidisciplinary oceanographic services, ocean engineering support, submerged cultural resource management, Research and Development of Oceanographic Engineering Systems support services, Instrumentation deployment, testing and recovery, remote sensing operations and surveys, bathymetric surveys, scientific study support, cable laying, film team support, diving and salvage operations, marine surveying and consulting.
OffshoreMW	Energy	Offshore Wind Energy	NJ	p	3	OffshoreMW is a leading offshore wind project development company working to bring cost-effective, clean, and safe offshore wind energy to the northeast United States. OffshoreMW is working with the public sector, non-profit organizations, manufacturers, and others to help build a diverse and growing offshore wind industry for the United States.
Principle Power Inc	Energy	Offshore Wind Energy	WA	p	4	Principle Power is a technology developer focused on the deep-water (greater than 50m) offshore wind energy market. Principle Power's enabling product, a floating wind turbine foundation called WindFloat, provides for siting of offshore wind turbines independent of water depth, thus exploiting the world's highest capacity wind resources. Deep-water offshore wind installations, to date, have not been feasible due to economic and technological limitations.

Sort by: Subsector/ Primary Sector/State

Offshore Wind Development Coalition	Energy	Offshore Wind Energy		np	2	The Offshore Wind Development Coalition (or Offshore-WindDC) is a group of businesses advocating for federal policy initiatives promoting the development of offshore wind farms. These wind farms generate clean, renewable energy and, at utility scale, can each provide enough power to meet the electricity needs of more than 100,000 homes a year.
Aphios Corporation	Biotechnology	Pharmaceuticals	MA	p	3	Aphios Corporation (www.aphios.com) is developing enabling technology platforms to improve the discovery of natural therapeutics and manufacturing of potent bioactive molecules; nanotechnology delivery of siRNA and therapeutic proteins as well as hydrophobic anticancer drugs and other small molecules; and the pathogenic safety of biologics including human plasma, plasma products, recombinant therapeutics and monoclonal antibodies. SuperFluids (SFS), the key and common component of Aphios patented technology platforms, are supercritical, critical or near-critical fluids with or without cosolvents which, when compressed, exhibit enhanced thermodynamic properties of penetration, selection, solvation and expansion. Utilizing these enabling technology platforms, Aphios is developing enhanced therapeutics from a unique library of marine microorganisms and medicinal plants for heath maintenance as well as the prevention and treatment of certain cancers (prostate, breast and ovarian as well as nausea and emesis), infectious diseases (HIV, influenza and MRSA) and CNS disorders (Alzheimers Disease, pain, depression and addiction).

Sort by: Subsector/ Primary Sector/State

The Guest Company, Inc	Materials and Supplies	Power Supplies	CT	p	4	Guest has been an expert in battery and charging technologies for over 30 years. Guest's recreational battery chargers are widely used throughout the boating industry because of their unsurpassed capacity to withstand exposure to extreme weather, rough handling and poor dockside power quality. (www.guestco.com)
Corvus Energy*	Materials and Supplies	Power Supplies	WA	p	3	We aim for excellence in everything we do. Simply put; we are determined to be the best lithium ion battery company in the world. Our aim is to bring the technology, the reliability and the quality of lithium energy to its full potential. All of our "energy" is focused on building the best batteries. We are confident that you, our valued customers, will appreciate the passion and commitment we bring to meeting your needs. Our state of the art batteries and our full service guarantee will ensure you always choose Corvus to fulfill all of your battery needs.
Marine Biotechnology Program (NOAA)	Biotechnology	Research	SC	gov	2	The Marine Biotechnology Program (MBP) addresses questions in biodiversity, environmental health, population genetics of marine mammals and fishes, through application of molecular and cellular biology. Research core areas in the MB Program are: Genetics, Bioindicators, and Pathobiology. The Atlantic-Gulf Genetics (TAGG) Center investigates population genetics of marine species, and uses genetic information to help in the identification of marine species ranging from fish eggs and larvae to marine mammal carcasses. These studies aid critical management and enforcement decisions for the long-term conservation and use of living marine resources. The Bioindicator Project investigates multiple measures of health at different biological levels to assess environmental stressors on resource and ecosystem health. A joint Pa-

						thobiology Project with the satellite NOS research facility in Oxford, MD investigates the effects of natural and anthropogenic factors on the occurrence and persistence of diseases, and the use and development of marine resources. The Marine Biotechnology Program is also the research and development arm of the Forensics Branch and develops assays and technology to assist forensics cases in support of law enforcement.
Marine Biomedical Institute	Biotechnology	Research	TX	np	4	The Department of Marine Science's primary focus of research is primarily cephalopods, that is squids, cuttlefishes, octopuses, and the chambered nautilus. These molluscs are considered to be the most highly evolved marine invertebrates, and for more than 60 years many of their organ systems, specifically their sense organs (e.g., eyes and equilibrium receptor systems) and nervous system (brain, giant axon, and giant synapse) have been valuable model systems for comparative morphological, physiological and behavioral research on the equivalent vertebrate systems. In addition, several of their tissues (e.g., the optic lobe, retina, and ink sac) have been utilized because they are extremely rich sources for biomedically important substances (acetylcholine, G-protein, and melanin, respectively). The biological disciplines applied range from anatomy, physiology, neurobiology, pharmacology, nutrition, and pathology, to behavior, ecology and mariculture. The Division also operates three research vessels for nearshore and offshore marine studies; they may be leased for

						scientific endeavors.
SeaBotix Inc	Equipment Manufac-turing	ROV	CA	p	2	SeaBotix is the world leading manufacturer of MiniROV systems with a pedigree of underwater expertise. A dedi-cation to providing a capable underwater solution unlike anything else.
VideoRay	Equipment Manufac-turing	ROV	PA	p	2	ROV's that can be used for: Aquaculture Broadcast HD,Commercial Diving, Educational, Infrastructure, Law Enforcement, Hydroelectric, Offshore, Military, Science & Research, Sport, Water Management
Schilling Robot-ics	Equipment Manufac-turing	ROV		p	5	We are consistently raising industry standards with our line of ROV systems, manipulator systems, and subsea control systems. Schilling is strategically partnered with FMC Technologies, Inc., a leading global provider of sub-sea oil and gas production equipment. Together, we solve the challenges of deep water oil and gas production, a segment of the energy industry on a trajectory of long-term growth.
Aquatic Robot-ics, LLC	Equipment Manufac-turing	ROV	CT	p	3	Aquatic Robotics, LLC is a small veteran owned business in the state of Connecticut. We provide Remotely Operated Vehicle (ROV) and manned submersible technical support services, operations and engineering. We have an inven-

						tory of ROV's for operations, lease and prototyping development support services. We have over 20 years experience ranging from the off shore oil and gas industry, inland operations to scientific support services.
Deep Sea Systems International Inc.	Equipment Manufacturing	ROV/AUV	MA	p	2	An innovative, high technology company that brings decades of deep ocean engineering experience to the design and manufacture of underwater remotely operated vehicles (ROVs) and ROV components including the Ocean ProHD camera system and LED lighting. Global Explorer ROV is a deep water ROV that was designed and built by Deep Sea Systems and is available for lease. Global Explorer ROV has made numerous dives below 9000'. It has a total system weight below 25,000 lbs and it can be transported by regular side-loading aircraft.
iRobot® Corporation Maritime Systems	Equipment Manufacturing	ROV/AUV	NC	p	4	iRobot® Corporation's Maritime Systems group (fka Nekton Research LLC) develops and manufactures AUVS/UUVS that perform multiple missions for maritime researchers, oceanographers and military planners, including physical, chemical and biological oceanography, tactical oceanographic surveys and marine environmental monitoring, including the Seaglider®, a long-range, high-endurance UUV that makes oceanographic measurements, and Ranger, a general development platform for small UUV capabilities.
Hibbard Offshore	Services	ROV/AUV	MI	p	3	Hibbard Inshore provides a range of ROV and hybrid AUV / ROV-based underwater inspection, survey and intervention services to aid your project in each stage of its lifecycle. With a focus on reducing the required vessel size for projects, all of Hibbard Inshore's remotely operated vehicle systems are set up to be highly transportable. All sys-

						tems can be air shipped and are designed to be used on vessels of opportunity throughout the world.
Klein Associates, Inc.	Equipment Manufacturing	Security	NH	p	3	L-3 Klein is the world's leading supplier of side scan sonar equipment, integrated bridge systems, navigation products and waterside security and surveillance systems. In 1967, Marty Klein an MIT graduate set his own course in the new commercial field of Side Scan Sonar. This was a bold move since the only companies involved in this area were multi-million dollar organizations. Klein's mantra is one of creating reliable, leading-edge sonar products, and maritime domain awareness systems while offering top quality service. L-3 Klein has developed a worldwide reputation of excellence in the industry by providing quality products and excellent customer service.
Bedford Institute of Oceanography	Research and Development	Security	NS	gov	3	BIO is a modern oceanographic research facility, established in 1962 by the Federal Government of Canada (the former Department of Mines and Technical Surveys, now Natural Resources Canada) and is located on the shores of the Bedford Basin in Dartmouth, Nova Scotia. Over the last 50 years it has grown to become Canada's largest centre for ocean research. The Institute performs targeted research, mandated by the Canadian government, to provide 'peer' reviewed advice and support to government decision making on a broad range of ocean issues, including sovereignty, safety and security, environmental protection, the health of the oceans, safe and accessible waterways, the sustainable use of natural resources (fishe-

						ries, minerals, oil & gas) and the integrated management large ocean management areas.
SIDUS Solutions Inc.	Services	Security	CA	p	5	We are ready for the deep, for very remote areas, for highly hazardous locations and for extreme conditions. SIDUS is ready to deliver the capability to observe your target as if you were right there, regardless of the elements! For outstanding security, safety, asset and facility management, we've put eyes exactly where you need them.
Molchan Marine Sciences	Services	Security	CT	p	4	Molchan Marine Sciences (MMS) is a multi-disciplinary small business enterprise supporting the development and execution of projects in Ship, Port and Offshore Energy Security, Marine Transportation Safety, Diving and Underwater Operations as well as Marine Education.
NERACOOS	Services	Security	NH	np	4	NERACOOS supports a regional system of buoys, coastal radar stations and ocean forecasts that are making operations in the marine environment safer and more efficient. NERACOOS delivers critical weather and ocean information to mariners when and where they need it. NERACOOS is providing coastal planners and emergency managers with access to critical historic and real-time ocean and weather data as well as detailed forecasts of coastal inundation to help them as they plan for and respond to coastal hazards. Improving water quality, achieving sus-

						tainable fisheries and maintaining healthy ocean and coastal ecosystems are priorities in the Northeast. In order to achieve these goals, NERACOOS is collaborating with state and federal agencies, NGOs, industry and academic institutions on developing and implementing an ecosystem approach to management. The exploitation of tidal stream, wind, and wave ocean energy resources within the Northeast region is just getting underway and has the potential to provide a significant source of renewable energy and economic development in the region.
Charles R. Weber Company, Inc.	Services	Ship Brokerage	CT	p	5	Charles R. Weber Company, Inc. is one of the oldest and largest ship brokerage firms in the United States. Established in 1940, the company is an independent full-service shipbroker and marine consultant. With a long and well respected history in the ship brokerage industry to draw on we are constantly striving to better serve our marine clients and ensure that we are at the forefront of the ever changing global seaborne transportation industry.
JMS	Services	Ship Building and Design	CT	p	3	A specialty maritime engineering firm with expertise in naval architecture, marine engineering, shipboard operations, salvage engineering and marine science. JMS has a broad client base representing all aspects of the marine industry including tug and barge operators, shipyards, marine science institutes, military vessels, passenger vessel operators, historic ship museums and even pleasure craft owners of power and sailing yachts.

Sort by: Subsector/ Primary Sector/State

Bay Marine Inc.	Services	Ship Building and Design	RI	p	3	Bay Marine has been dedicated to providing naval architecture and marine engineering services to the small to mid size commercial fleet. As with many companies within the marine industry, Bay Marine has adapted to provide services to the markets most in need at any given time. We have been involved with the design of fishing vessels, oil skimming vessels, research boats, barges, ferries as well as commercial passenger and sail training vessels. We have worked with a variety of materials from steel and aluminum to wood and fiberglass. We pride ourselves on developing unique solutions to solve customersneeds while maintaining cost efficiency in first cost and life cycle costs. We both draw on personal, practical experience in building vessels, and in Bob's case, operation of vessels. The experience in building/operating and maintaining vessels allows a valuable perspective when designing a boat. We know how to design for ease of assembly and for long term maintenance.
Ockam Instruments, Inc.	Equipment Manufacturing	Software and Systems Design	CT	p	2	Knowledge wins races. Ockam Instruments is committed to providing that knowledge: Through accuracy of the most technologically advanced instruments available, through research and development of new race winning techniques through education for you and your crew, and through exemplary service and support, Ockam is the proven leader in performance sailing information systems.

Sort by: Subsector/ Primary Sector/State

L3 Henschel	Equipment Manufacturing	Software and Systems Design	MA	p	2	Henschel communications, monitoring and control equipment has been on the scene wherever an unforgiving environment demands unquestioned reliability and longevity. For customers who require "engineer-to-order" solutions, an extensive knowledge base is made available in: analog and digital circuitry, electromechanical design, software development, signal processing, enclosures and packaging, consoles and workstations, microprocessor technology, network architectures, man/machine interface control and graphics and commercial-off-the-shelf (COTS) implementation and integration. L-3 Henschel experts can also assist in compliance with qualification, environmental and electromagnetic interference (EMI) testing requirements.
Ultra Electronics Ocean Systems	Equipment Manufacturing	Software and Systems Design	MA	p	3	Ultra Electronics Ocean Systems is a recognized technical leader in the design, development, manufacture and support of undersea defense electronics equipment and systems. We have been a major DoD supplier for over 50 years and take pride in having successful partnerships with small business and research laboratories. Our long history with submarine communications, acoustic countermeasures, torpedo defense, Anti Submarine Warfare (ASW), transducers, and special purpose arrays are highlighted by the significant number of industry achievements that we continue to demonstrate within the defense community.

Sort by: Subsector/ Primary Sector/State

AeroHydro Inc	Equipment Manufacturing	Software and Systems Design	ME	p	3	AeroHydro, Inc. of Southwest Harbor, Maine, is a pioneer in the field of Computer Aided Design (CAD) for boats and ships, and has served the needs of the marine industry for over 25 years. More than 500 designers and builders worldwide use AeroHydro's computerized 3D and marine design software as an integral tool in their daily business. AeroHydro's flagship marine design software, MultiSurf, is in use in a variety of marine environments; customers include naval architects, boat builders, marine parts fabricators, and CNC machining centers.
Sea-Bird Electronics, Inc.	Equipment Manufacturing	Software and Systems Design	WA	p	3	Sea-Bird Electronics, Inc. is the largest manufacturer of marine instruments for measurement of salinity, temperature, pressure, dissolved oxygen, and related oceanographic variables. Major products include Conductivity/Temperature/Depth (CTD) profilers, multi-bottle *in-situ* water samplers, moored CT recorders, wave/tide recorders, dissolved oxygen sensors, and thermosalinographs
AR Engineering	Equipment Manufacturing	Software and Systems Design		p	1	AR Engineering is a global specialist in building and designing fully integrated marine computer systems, that can include computer based integrated bridge systems, virtual instrumentation, chart navigation, radar, sonar, nightvision, entertainment systems, and more. Our attention to detail, coupled with our well thought out, efficient designs set us apart from the rest. We use the latest in computer technology coupled with common sense and the experience to know what really works on the water. Our ability to customize and design the system to your needs adds confidence and safety to your voyage.

Sort by: Subsector/ Primary Sector/State

Hypack Inc	Services	Software and Systems Design	CT	p	4	HYPACK, Inc. developed a Windows based software for the Hydrographic and Dredging Industry. Founded in 1984, HYPACK, INC (formerly Coastal Oceanographics, inc.) has evolved from a small hydrographic consultant to one of the most successfull providers of hydrographic and navigation software worldwide. HYPACK(R) is one of the most widely used hydrographic survveying packages in the world, with more than 4.000 users. It provides the Surveyor with all the tools needed to design their survey, collect data, process it, reduce it, and generate final products. Whether you are collecting hydrographic survey data or environmental data, or just positioning your vessel in an engineering project, HYPACK(R) provides the tools needed to complete your job. wiht users spanning the range from small vessel with just a GPS and single beam echosounder to large survey ships with networked sensors and systems, HYPACK(R) gives you the power needed to complete your task in a system your surveyors can master.
Brook Ocean Technology	Services	Software and Systems Design	MA	p	4	Brooke Ocean Technology (USA) Inc. provides system engineering, R&D services and hardware to the marine science community.
OceanServer Technology, Inc	Services	Software and Systems Design	MA	p	4	OceanServer Technology, Inc. is a privately held company, established in 2003 to develop unique product solutions for embedded and OEM applications. The founders bring a breadth of product development experience from 30 years in the commercial computer industry to focus on innovation opportunities for electronic and electromechanical solutions in the fields of battery-based power management, sensor technologies and robotics. Our

						products today have been integrated into a variety of applications in the scientific, military, marine, and telecommunications industries.
Reading Information Technology, Inc (RITI)	Services	Software and Systems Design	MA	p	4	A software engineering and technical service company specializing in marine information technology and GIS.
Sygnus Technology Inc	Services	Software and Systems Design	MA	p	3	Sygnus Technology, Inc. produces technology-based solutions for commercial and military underwater applications. Founded in 1993, Sygnus has provided custom technology development and systems integration services in the areas of underwater telemetry, sonar signal processing, and speech processing.
Yankee Ingenuity Small Business Automation	Services	Software and Systems Design	MA	p	3	Yankee Ingenuity Small Business Automation is a software consulting service with expertise in areas of scientific software development, website development and business automation.
Micronautics, Inc.	Services	Software and Systems Design	ME	p	3	We were the first to develop and sell tide prediction software. For over twenty years our software has been available to the military, to the maritime industry, to scientists as well as to fisherman and sailors. In 1985 we launched TIDE.1 Rise & Fall with tide coverage around the entire United States. A year later, we followed up with TIDE.2 Ebb & Flow, a companion product which did the same for tidal current prediction. In 1987 we covered all of Canada

						and by 1990 we had coverage for the entire world.
CARIS	Services	Software and Systems Design	NB	p	3	CARIS solutions deliver cutting-edge bathymetric innovations, seamless feature data management, product extraction and distribution to support a diverse product range.
Marine Simulation LLC	Services	Software and Systems Design	NC	p	5	In the field of maritime and subsea simulation, Marine Simulation LLC's ROVsim® and vSHIP simulators have set the standard for cost effective, physics accurate and visually stunning simulation systems. Our background includes nearly 30 years experience in undersea research, maritime operations and software development. From portable solutions for nearshore operators to sophisticated operations at offshore drilling facilities, we can deliver a solution to meet your specific requirements. Our users span the globe, our products are in use in 20 countries worldwide and over 60 training and educational institutions.
Hyrocomp Inc.	Services	Software and Systems Design	NH	p	5	HydroComp, Inc. was established in 1984 to provide powering analysis services to naval architects and shipbuilders. Best known for our award-winning NavCad™ software, HydroComp is regarded as the premier source for performance predictionsoftware, consulting and knowledge.

Sort by: Subsector/ Primary Sector/State

Onsruth Industries Ltd., Inc	Services	Software and Systems Design	NH	p	4	Onsruth Industries Ltd., Inc. (OILI) keeps critical ballast and cargo control instrumentation aboard ships and oil rigs calibrated and up to date. Much of the service provides support services for Trans Sonics and Foxboro instrumentation (aircraft carrier, submarine, super tanker to oil rig) OILI will be there for your needs. In areas where a manufacturer no longer produces a particular item, OILI will rebuild or reverse engineer to provide replacement circuit boards and sensors.
Applied Science Associates (Asa)	Services	Software and Systems Design	RI	p	4	Applied Science Associates (ASA) is an international leader in the development and application of computer tools to investigate marine and freshwater environments. ASA answers questions about our environment and human interaction within that environment, using computer models, which simulate physical, chemical, and biological processes. ASA identifies timely, reliable, and cost-effective solutions to environmental problems through the integration of Geographical Information Systems (GIS) with environmental data monitoring and modeling.
Epc Laboratories, Inc.	Equipment Manufacturing	Sonar	MA	p	3	In the early 1970s the company started a period of rapid growth that resulted from the booming expansion of the oil industry. Throughout the following decade EPC migrated its imaging technology into passive sonar applications such as anti-submarine warfare and communication surveillance. It was at this time that the technology in printing changed from the Electrographic Recorders (EGRs) to the Thermal Graphic Recorder (TGRs). EPC pioneered much of the high-res TGR revolution in the ocean industry and continues to manufacture these products today at its Newburyport headquarters in Massachusetts.

Sort by: Subsector/ Primary Sector/State

Farsounder Inc	Equipment Manufac-turing	Sonar	RI	p	4	The FarSounder Ship Protection System is a unique multi-sensor solution with 360º coverage using fixed in-hull sensors. This multi-use system provides underwater threat detection while at anchor and navigation sonar while underway. The system is based on FarSounder's patented sonar technology which produces a complete 3D image with a single ping! System capabilities include 360º detection of divers and other threats with automatic detection, tracking, classification and alarm algorithms. The technology has been optimized for challenging and shallow environments. The display offers electronic overlays and can differentiate between divers, marine mammals and other benign objects, with minimal false alarms.
Seanic Ocean Systems	Equipment Manufac-turing	Subsea Sup-port Services	TX	p	3	From launch to job execution to recovery, Seanic Ocean Systems understands deepwater operations due to our diverse experience. We consistently deliver High Quality Engineered Solutions, based on real-world experience, saving you time and money. Custom, quick-turnaround Intervention tooling empowers your ROV to successfully do the tough jobs your customers demand. From engineering to FAT, we build products that perform. Dependable, field-proven standard product line tools are available to Purchase or Rent today. Our comprehensive toolbox is comprised of custom and standard products, specifically designed to meet today's challenging subsea operations.
Regional Tech-nology Devel-opment Corp.	Sercvices	Technology Incubator	MA	np	4	The Regional Technology Development Corporation (RTDC), located in Woods Hole, Massachusetts, is a not-for-profit “virtual incubator” with the mission to facilitate technology transfer and technology commercialization from affiliated local research institutions. Offers a variety

						of services for new, emerging companies.
FloDesign	Services	Technology Incubator	MA	p	5	Whether you are starting with a small R&D contract for a little amount of money or you've already got a product in the market, FloDesign can help commercialize your technology in exciting and innovative ways. We specialize in prototype development, building proofs of concept, getting the product to work, and making it usable and marketable. We help solid technologies become commercialized for a variety of market segments including consumer and government markets.
Puretech Ventures	Services	Technology Incubator	MA	p	3	We are not a venture fund or an incubator. We proactively form companies and drive them forward as the primary founder. PureTech's mission is to give life to breakthrough technologies in order to develop the most promising innovations into cures. As an "institutional entrepreneur", PureTech proactively creates new companies through a rigorous, systematic approach.
Slater Center for Marine and Evnironmental Technologies	Services	Technology Incubator	RI	p	4	Building on Rhode Island's strong maritime heritage and commitment to its natural resources, the mission of the Slater Center for Marine and Environmental Technologies is to accelerate the transfer of ideas and innovations from Rhode Island's scientists, engineers, entrepreneurs, and research institutions into new technology businesses. The Center supports startup ventures by helping them to convert their promising ideas from scientific concepts to marketable products, through seed funding, business services, strategic partnerships and collaborations, and finally to access institutional capital for future growth. The Center's ultimate objective is to stimulateR-

						hode Island entrepreneurships and economic growth for its residents.
Ocean Renewable Power Company	Energy	Tide and Current power	ME	p	3	Since 2004, ORPC has been hard at work developing breakthrough technology and eco-conscious projects that use ocean and river currents to produce clean, predictable electricity to power our homes and businesses while protecting our environment. We believe that our ocean and river power systems not only can, but must, be designed to preserve the world's marine ecosystems. They should provide renewable supplies of clean energy that are both reliable and affordable. They should be compatible with other marine industries, and should create quality, sustainable jobs and other economic opportunities in their surrounding communities.
Falmat Cable	Equipment Manufacturing	Underwater Cabling	CA	p	4	Falmat has been a leader in custom cable design and manufacturing for four decades. Our design analysis, cutting edge materials and state-of-the-art manufacturing facilities, provide global solutions for a variety of industries such as, Defense, Aerospace, Industrial Electronics, Transportation, Medical, Exploration and Marine applications.

Sort by: Subsector/ Primary Sector/State

MJ Stewart Associates	Equipment Manufacturing	Underwater Cabling	MA	p	5	MJ Stewart Associates is the North American distributor of Subconn underwater connectors and cable assemblies. The Subconn connectors offer the most reliable wet mateable connector on the market. The connectors come in 1 to 16 pin configurations and offer standard bulkhead bodies made of brass, stainless steel, Titanium and anodized aluminum. We also offer Optolink fiber optic connectors and complete moulding and termination services to our own and customer supplied cables. We have facilities in 4 locations in the US and throughout the world which stock connectors and cables and can provide moulding and termination services.
PMI Industries Inc	Equipment Manufacturing	Underwater Cabling	OH	p	5	PMI provides underwater cable products & services to customers worldwide. We interface closely with our customers working in ocean industries as well as educational and research institutions who endeavor to explore marine frontiers.
Ametek SCP, Inc.	Equipment Manufacturing	Underwater Cabling	RI	p	3	AMETEK SCP, Inc. a world leader in underwater cable and connector solutions for military and commercial applications. AMETEK SCP offers rugged Gigabit Ethernet connectors for explosive shock, vibration, deep submergence or harsh surface environments, glass to metal seals, hull penetrators, MIL-C-24231, MIL-C-24217 connectors, and custom cable assemblies including coax, fiber, power and hybrid designs. Originally founded in 1993 as SEA CON Phoenix, Inc. AMETEK SCP is located adjacent to the Westerly, Rhode Island airport and has Manufacturing and Test capabilities as well as Research and Development staff

Sort by: Subsector/ Primary Sector/State

Birns Aqua-mate, LLC	Equipment Manufac-turing	Underwater Cabling	RI	p	3	BIRNS AQUAMATE LLC manufactures quality underwater electrical connectors, cable assemblies, and cable terminations for offshore diving, oceanographic, seismic exploration, and defense applications. The company produces a wide range of standard industry connectors such as the 5500 Series, SC, MC, LP, FAWL/FAWM, and Rubber Moulded. BIRNS is the only manufacturer to guarantee and warranty connectors that are fully compatible with other manufacturers. The firm also specializes in fast turn-around for custom design of special connector solutions.
AK Industries	Materials and Sup-plies	Underwater Cabling	CA	p	5	AK Industries is a small, agile, high tech manufacturer of underwater electrical connectors, splice kits and other electrical products for use underwater. We make the most rugged and reliable low cost connector in the world, period.
Global Marine Energy	Services	Underwater Cabling	MA	p	4	Global Marine Energy provides power cable planning, installation and maintenance services to utilities planning offshore installations as part of their grid build-out. We also work with consultancies and developers working in the emerging off-shore renewable energy industry, as they develop wind, wave, and tidal energy production projects, bringing carbon-neutral energy to the grid.
Fluid Imaging Technologies	Equipment & Manu-facturing	Underwater Imaging	ME	p	3	Since 1999 and the introduction of the first FlowCAM®, Fluid Imaging Technologies has been the innovator and leader when it comes to the use of digital imaging as a method for the automated analysis of microscopic particles in fluids. The system was first developed for the analysis of ocean water in oceanographic research, then also used in fresh water applications. Finding the FlowCAM technology to be applicable in other non-aquatic areas, in 2004 the company began selling its technology

						into 'industrial' markets'. These markets include pharmaceuticals, food & beverage, chemicals, abrasives and plastics. The FlowCAM hardware has been continuously improved each year, producing industry-leading advancements such as cross-polarized illumination, laser and fluorescence-triggered acquisition and the use of an optional high precision syringe pump.
QPS	Equipment Manufacturing	Underwater Imaging	NH	p	2	Fledermaus allows users near real-time, interactive 3D display of very large complex scenes at their full resolution. Users rapidly gain insight and extract more information from their combined data (data sets such as multibeam, LIDAR, magnetic and gravity, in fact any surface data that has an x, y, z, variables format). Fledermaus is used across many industries by a variety of disciplines such as geoscientist, oceanographers and hydrographers. Data such as backscatter, side scan, georeferenced aerial photographs or images (still images from an ROV) can be draped over topographic or bathymetric data sets.
Sound Metrics	Equipment Manufacturing	Underwater Imaging	WA	p	3	Sound Metrics imaging sonars transmit sound pulses and convert the returning echoes into digital images, much like a medical ultrasound sonogram. The advantage is that they can “see” what’s going on through dark or turbid (cloudy) water in zero visibility conditions. The performance of an imaging sonar—from the distance at which they can detect an object, to the clarity of the image, to the number of images they can display per second—are determined by a number of specifications, most notably the operating frequency, acoustic beamwidth and

						processing power and time to form an image. Sound Metrics sonars use acoustic lens technology which forms beams instantaneously using zero power. The company's line of products can be deployed from vessels, ROVs (remotely operated vehicles), AUVs (autonomous underwater vehicles) and by divers.
Marine Systems Technology, Inc.	Services	Underwater Imaging	MA	p	4	Founded by Bill McElroy, Marine Systems Technology, Inc. (MAST) has been involved in numerous imaging, acoustic, ROV and AUV programs over the past two decades, providing electrical, mechanical, optical and software engineering support. Since 2002, the main focus of the company has been advanced underwater imaging systems, that are sold by the Ocean Imaging Systems (OIS) Division.
NortekUSA	Equipment & Manufacturing	Underwater Instruments	MA	p	3	Nortek AS is a scientific instrumentation company that develops and distributes water velocity instruments. Our products are based on the acoustic Doppler principle and span from single point turbulence sensors to long range current profilers. Our customers are scientists, research institutions, and consulting engineers, all with demanding applications requiring state-of-the-art instrumentation that is reliable and easy to use.

Sort by: Subsector/ Primary Sector/State

Benthos, Inc	Equipment Manufac-turing	Underwater Instruments	MA	p	4	Benthos was founded in 1962 by Samuel O. Raymond in North Falmouth, Massachusetts, a few miles from the research facilities at Woods Hole Oceanographic Institution. During its first three decades, the company placed particular emphasis on supplying underwater equipment to military and government markets. Early in the 1990's, in response to a decline in these markets, the company shifted its priorities to meet the growing needs of commercial markets. These markets include the geophysical industry where Benthos products and systems are used in the search for offshore oil and gas deposits, as well as scientific research and environmental markets.
JW Fishers	Equipment Manufac-turing	Underwater Instruments	MA	p	4	JW Fishers has specialized in the design and manufacture of reasonably priced, high tech underwater search equipment. The product line includes diver-held and boat-towed metal detectors, marine magnetometers, underwater cameras, ROVs, cable tracking systems, acoustic pingers, scanning sonars, and side scan sonars
Shark Marine Technologies Inc.	Equipment Manufac-turing	Underwater Instruments	Ontar-io	p	4	Shark Marine Technologies Inc. is an industry leader in delivering new and innovative technologies to the underwater industry. Your underwater technology specialists since 1984, Shark Marine's founding mandate was to deliver underwater products and services that are innovative, high quality, dependable and cost effective. Shark Marine has delivered on that mandate and has gained global respect for its developments in undersea technology, the expertise it brings to on site operations, and the creative solutions it delivers to unusual and challenging applications.

Sort by: Subsector/ Primary Sector/State

Lombardo Associates, Inc.	Services	Wasterwater Treatment	MA	p	4	LAI provides a wide range of services, including engineering feasibility studies, traditional engineering services of planning, design and construction engineering, and the turnkey services of designing, building, owning/financing, and operating wastewater and water facilities. Among our areas of nationally recognized expertise are the planning and implementation of on-site and decentralized wastewater systems and innovative nitrogen and phosphorus removal technologies.
Koch Membrane Systems, Inc	Equipment Manufacturing	Water Technology	MA	p	3	For nearly half a century, KMS has been a world-class developer and manufacturer of innovative membrane filtration systems serving a global marketplace. We develop the finest filtration membranes, build custom and engineered systems for a broad array of industries, and provide superior technical and customer service support. Romicon's outstanding reputation was based on hollow fiber UF membranes and systems. Fluid Systems Corporation, now fully integrated into KMS, was one of the pioneers of commercial reverse osmosis and nanofiltration membrane products, which lead the industry for desalting brackish water and seawater for drinking purposes. This advanced desalination technology is also used for many industrial applications. Puron developed a submerged membrane bioreactor technology that shows great promise for both industrial and municipal wastewater treatment.

Sort by: Subsector/ Primary Sector/State

Advanced Equipment and Services Inc	Equipment Manufac-turing	Water Tech-nology	TX	p	4	ADVANCEES is a global provider of custom skid-mounted water purification equipment such us seawater desalina-tion plants, brackish reverse osmosis units, ultrafiltration, nano filtration and Softeners. These units can come with different options as booster and feed pump skids, electrodeionization, MM filters, Ozone generators, UV systems, Pre-treatment and post-treatment units. Also we offer a variety of services as commissioning, start-up, membrane chemical cleaning, scada systems, automatic data logging, remote monitoring, unit refurbishment, energy recovery device retrofits, process optimization, consumables, spare parts and trainingWe remove con-taminants from untreated water to produce water that is pure enough for its intended use, most commonly human consumption and special industrial application such us Pharmceutical, Boilers, Electronic components, Farms, Power plants, etc.
Oxyvision	Services	Water Tech-nology	Øye	p	3	Oxyvision developes and delivers patent protected oxyge-nation systems since year 2000 for fishfarming, shrimp-farming and other indusry applications.
Atlantis Tech-nologies	Services	Water Tech-nology	PA	p	4	Atlantis Technologies provides the Specialty Water Treat-ment Industry with a consolidated, knowledgeable source for their feed equipment needs. Focusing on feed, sto-rage, analysis, and control, Atlantis will furnish the water treatment chemical vendor with the appropriate equip-ment and expertise to properly apply their products.

Sort by: Subsector/ Primary Sector/State

BioProcessh20	Services	Water Technology	RI	p	2	BioprocessH2O specializes in the engineered modular solutions to water and wastewater treatment challenges in the municipal and industrial markets. We place a high value on water and therefore, we will provide the best solution to meet a given set of application parameters
BlueTech Research	Research and Development	Water Technology	BC	p	3	BlueTech Research provides investors, water companies, researchers and regulators with critical analysis on emerging water technology market areas. We map, analyse and benchmark the water technology innovation landscape, market drivers, emerging areas of innovation, disruptive technologies, company strategies, the regulatory environment, and more. Our scientists and engineers have deep domain expertise, a unique industry perspective, and unrivalled knowledge and understanding of innovative water technologies.
Ocean Wave Energy Co.	Energy	Wave Energy	RI	p	2	OWECO Ocean Wave Energy Company mission is carbon combustion and nuclear processing reduction, hydrogen/oxygen cycling, and water climate management through utility-scale wave energy conversion to electricity. Founded 1978, in Rhode Island USA, OWECO internationally participates in fostering renewable ocean energy and best practice regulation in the coming sea change. Naturally hydroficient synergy, minimum system geo-engineering, and patented direct-drive technology are applied to high-energy offshore and deep ocean interference waves. The goal is to provide self-supported, quick dis/connectable, and scalable OWEC® Ocean OWEC® system and is best viewed with sound.

Sort by: Subsector/ Primary Sector/State

Aquamarine Power	Energy	Wave Energy	Scot-land	p	4	We set up Aquamarine Power in 2005 to bring our innovative wave energy technology known as Oyster to the commercial market. Our vision is to make marine renewable energy mainstream.
Resolute Marine Energy	Energy	Wave Power	MA	p	4	Resolute Marine Energy, Inc. (RME) is developing wave energy converters (WEC) that generate clean energy from ocean waves. Our near-term goal is to complete development and commercialization of a wave-driven seawater desalination system that operates completely “off-grid” and fills a huge gap in the market for seawater desalination systems.
Ocean Power Technologies	Energy	Wave Power	NJ	p	2	Leading renewable energy company specializing in cost-effective, advanced, and environmentally sound wave power technology. OPT's PowerBuoy® system integrates patented technologies in hydrodynamics, electronics, energy conversion, and computer control systems to extract the natural energy in ocean waves
Wave Energy Technologies Inc	Energy	Wave Power	ON	p	3	Wave Energy Technologies Inc. designed and developed the WET EnGen™. The WET EnGen™ represents many years of research and testing, culminating in a breakthrough technology that converts the energy in ocean waves to electrical power or pressurized water for desalination. Our highly efficient WET EnGen™ is leading edge because of its ability to be applied in the widest range of wave climates throughout the world.

Sort by: Subsector/ Primary Sector/State

SIECAT Wave Energy Accumulator	Energy	Wave Power	Ontario	p	3	The almost limitless supply of wave energy on our oceans and large bodies of water is powered by the sun, is totally sustainable, renewable, Green House Gas (GHG) emissions free, and cries out to be harvested by a viable technology. The vision, at Solar Inspired Energy Inc, is that our unique and proprietary SIE-CATTM Wave Energy Accumulator technology, and further patent enhancements, provides the key to the viable capture of this bountiful but elusive energy, providing Electricity,Hydrogen via electrolysis, and Potable Water via Reverse Osmosis. We look upon the exuberance of the ocean environment, not as a challenge, but rather as an opportunity. This limitless supply of ocean energy off Canada's three shores will support the hydrogen economy, and lead society away from its dependence on hydrocarbons. The world's supply of hydrocarbons needs to be preserved for more valuable commodities than as an internal combustion fuel. The SIE-CATTM technology will spawn the greatest industry, the Energy Industry, as society mines the ocean's surface.
Columbia Power Technologies, LLC	Energy	Wave Power	OR	p	4	Columbia Power Technologies, LLC is an independent company founded in 2005 by Greenlight Energy Resources, Inc. In partnership with Oregon State University, the company is engaged in the development and commercialization of wave energy harvesting devices using novel, off-shore, direct-drive permanent-magnet generator topologies. Columbia's management team combines energy industry, engineering, legal, and technology commercialization experience, and is well prepared to be a leader in the field of ocean energy.

Sort by: Subsector/ Primary Sector/State

Weatherflow	Services	Weather	FL	p	3	With considerable scientific, academic, and operational experience, WeatherFlow team members have collaborated with academic, government, and industry researchers on topics covering a wide range of the atmospheric and oceanographic sciences.
Cape Cod Instruments, Inc.	Equipment Manufacturing	Weather	MA	p	4	Hand-crafted on Cape Cod since 1939, Cape Cod® Wind & Weather Indicators let you bring the weather indoors. These quality, precision instruments include the Cape Cod® Wind Speed Indicator (available with optional Peak Gust Register), Cape Cod® Wind Direction Indicator, Cape Cod® Marine Barometer, and Cape Codder® Clock (available with optional Tide Hand).
Equipment and Services International, LLC	Marine Engineering	Winches and Windlasses	CT	p	3	The technical knowledge and experience accumulated during years of service at New England Trawler have been put to work in this new company. ESI is located in East Greenwich, RI, at 5810 Post Rd, where it shares offices and facilities with The Ideal Windlass Co., a company that also specializes in the manufacturing of deck equipment for pleasure boats and yachts. Resources, engineering and experience are shared and put to work together, allowing us to offer a comprehensive range of quality deck machinery. These equipment includes Towing Winches, Bow/Escort Winches, Mooring Winches, Anchor Winches, Windlasses and Capstans.
FirstWind	Energy	Wind Energy	MA	p	5	First Wind is an independent wind energy company exclusively focused on the development, financing, construction, ownership and operation of utility-scale wind energy projects in the United States. Headquartered in Boston, MA, we focus on developing and operating wind energy projects in the Northeastern and Western regions of the U.S., and also in Hawaii. Our operating fleet consists of 13

projects with 772 MW of capacity, and additional projects under construction totaling 208 MW of capacity. In addition, we developed and operate two generator leads with transmission capacity of 1,200 MW, which connect our Stetson, Rollins and Milford projects to the grid.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Organization Name	Primary Sector	Subsector	State	Type	Rank (1-5)	Description
BioCepts International, Inc	Biotechnology	Aquaculture services	FL	p	4	BioCepts International, Inc. (BCI) is a broadly-based biotechnology development firm founded in 1997 as a Florida corporation. BCI was established to provide a wide assortment of professional biotechnology services related to the aquaculture industry (food and ornamental species), including site selection and design of production facilities, product design, development and evaluation, applied research, technology audits and aquaculture product marketing. While BCI is most known for its commercial shrimp farming development contributions, recently it has focused its aquaculture development resources on commercializing warm water spiny lobster technology.
Aphios Corporation	Biotechnology	Pharmaceuticals	MA	p	3	Aphios Corporation (www.aphios.com) is developing enabling technology platforms to improve the discovery of natural therapeutics and manufacturing of potent bioactive molecules; nanotechnology delivery of siRNA and therapeutic proteins as well as hydrophobic anticancer drugs and other small molecules; and the pathogenic safety of biologics including human plasma, plasma products, recombinant therapeutics and monoclonal antibodies. SuperFluids (SFS), the key and common component of Aphios patented technology platforms, are supercritical, critical or near-critical fluids with or without cosolvents which, when compressed, exhibit enhanced thermodynamic properties of penetration, selec-

						tion, solvation and expansion. Utilizing these enabling technology platforms, Aphios is developing enhanced therapeutics from a unique library of marine microorganisms and medicinal plants for heath maintenance as well as the prevention and treatment of certain cancers (prostate, breast and ovarian as well as nausea and emesis), infectious diseases (HIV, influenza and MRSA) and CNS disorders (Alzheimers Disease, pain, depression and addiction).
Era7 Bioinformatics	Biotechnology	Genomics	MA	p	3	Era7 Bioinformatics is a research-driven bioinformatics company working with Next Generation Sequencing data using Cloud Computing. Era7 Bioinformatics is specialized in Microbial Genomics and Metagenomics providing advanced services related to knowledge management and sequencing data interpretation in these areas. Our business model is based on Research, use of cloud computing, development of Open Source bioinformatics platforms and on our specific focus to Microbial genomics.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Ocean Genome Legacy	Biotechnology	Genomics	MA	np	2	The Ocean Genome Legacy is a non-profit marine research organization and biological specimen repository dedicated to exploring and preserving the wealth of information contained in the genes (DNA) of endangered, rare, unusual and ecologically critical marine organisms. Its mission is to acquire, authenticate, study, preserve, develop, and distribute genetic materials, biological specimens, information, technology, and standards needed to advance basic and applied non-commercial research. By providing secure storage and broad public access to genomic materials and a forum for sharing samples, data, and ideas, the Ocean Genome Resource collection aims to serve as a catalyst for research that can help to protect marine ecosystems and improve the human condition.
Sample6 Technologies, Inc.	Biotechnology	Diagnostics	MA	p	2	Sample6 Technologies is a dynamic startup company at the intersection of breakthroughs in synthetic biology, sensors, and data modeling and visualization. The company's mission is to improve the health and safety of global consumers by building integrated systems that can quickly and easily detect harmful and unwanted bacteria in the food, healthcare, and other industries.
Pharmamar Usa, Inc	Biotechnology	Biopharmaceuticals	MA	p	2	PharmaMar is a unique biopharmaceutical company, specializing in the discovery of new molecules for oncology treatment from organisms living in the sea.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Empire Genomics	Biotechnology	Genomics	NY	p	3	In this era of ever changing technology, Empire Genomics delivers the most advanced genomic tools to aid the scientific community in its research and diagnostic challenges. Our superior genomic platform utilizes proprietary techniques that allow for the fast and accurate detection of chromosomal aberrations. Through many years of experience in the area of comparative genomic hybridization and our superior genomic platform, we are able to provide continuous support for research and diagnostic applications in areas of cancer biology, biomarkers, drug discovery, prenatal screening, developmental disorders and autism, among many others.
Marine Biotechnology Program (NOAA)	Biotechnology	Research	SC	gov	2	The Marine Biotechnology Program (MBP) addresses questions in biodiversity, environmental health, population genetics of marine mammals and fishes, through application of molecular and cellular biology. Research core areas in the MB Program are: Genetics, Bioindicators, and Pathobiology. The Atlantic-Gulf Genetics (TAGG) Center investigates population genetics of marine species, and uses genetic information to help in the identification of marine species ranging from fish eggs and larvae to marine mammal carcasses. These studies aid critical management and enforcement decisions for the long-term conservation and use of living marine resources. The Bioindicator Project investigates multiple measures of health at different biological levels to assess environmental stressors on resource and ecosystem health. A joint Pathobiology Project with the satellite

						NOS research facility in Oxford, MD investigates the effects of natural and anthropogenic factors on the occurrence and persistence of diseases, and the use and development of marine resources. The Marine Biotechnology Program is also the research and development arm of the Forensics Branch and develops assays and technology to assist forensics cases in support of law enforcement.
Marine Biomedical Institute	Biotechnology	Research	TX	np	4	The Department of Marine Science's primary focus of research is primarily cephalopods, that is squids, cuttlefishes, octopuses, and the chambered nautilus. These molluscs are considered to be the most highly evolved marine invertebrates, and for more than 60 years many of their organ systems, specifically their sense organs (e.g., eyes and equilibrium receptor systems) and nervous system (brain, giant axon, and giant synapse) have been valuable model systems for comparative morphological, physiological and behavioral research on the equivalent vertebrate systems. In addition, several of their tissues (e.g., the optic lobe, retina, and ink sac) have been utilized because they are extremely rich sources for biomedically important substances (acetylcholine, G-protein, and melanin, respectively). The biological disciplines applied range from anatomy, physiology, neurobiology, pharmacology, nutrition, and pathol-

						ogy, to behavior, ecology and mariculture. The Division also operates three research vessels for nearshore and offshore marine studies; they may be leased for scientific endeavors.
BioNutraTech, Inc	Biotechnology	bio-nutrients	TX	p	2	BioNutraTech, Inc. manufactures and distributes micro-encapsulated bio-nutrients that stimulate microbial activity for advanced commercial, industrial, and environmental bioremediation. Our patented products provide essential nutrients that stimulate and sustain the accelerated growth of highly desirable types of naturally occurring microbes that are already present in targeted wastes. The microbes increase in strength and concentration to convert organic wastes and contaminants into benign products like water and carbon dioxide. BioNutraTech products restore the environment naturally and are safe and easy to handle.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Clean Current Power Systems Incorporated	Energy	In-stream Turbines	BC	p	3	We are the Company that develops, licenses and continues to improve the pre-eminent technologies for in-stream turbine electricity generation devices. This means that ours is the technology of choice for power producers and our technologies dominate the in stream power markets. Clean Current Power Systems Incorporated is a private Canadian company that: develops, patents, licenses and continues to improve: technologies for in-stream turbine electricity generation devices (tidal, ocean and river) - fault tolerant generation/motor technologies for low maintenance operation in hostile conditions - coatings methodology to protect copper wire from salt water
Renewable Energy Systems Ltd.	Energy	Design and Engineering	CO	p	3	RES offers end-to-end services for utility-scale marine and wind energy projects worldwide. From offshore wind to wave and tidal, we brings to projects the considerable skills and experience that we have acquired over 30 years in the renewable energy industry. We know this sector inside out; our skills include: site selection, project design & engineering, wind farm layout and energy yield analysis, grid connection design, wind turbine and electrical system procurement, project management, operation and maintenance, health & safety.

Sort by: Primary Sector/State/Rank from "Most Suitable"

FirstWind	Energy	Wind Energy	MA	p	5	First Wind is an independent wind energy company exclusively focused on the development, financing, construction, ownership and operation of utility-scale wind energy projects in the United States. Headquartered in Boston, MA, we focus on developing and operating wind energy projects in the Northeastern and Western regions of the U.S., and also in Hawaii. Our operating fleet consists of 13 projects with 772 MW of capacity, and additional projects under construction totaling 208 MW of capacity. In addition, we developed and operate two generator leads with transmission capacity of 1,200 MW, which connect our Stetson, Rollins and Milford projects to the grid.
Resolute Marine Energy	Energy	Wave Power	MA	p	4	Resolute Marine Energy, Inc. (RME) is developing wave energy converters (WEC) that generate clean energy from ocean waves. Our near-term goal is to complete development and commercialization of a wave-driven seawater desalination system that operates completely "off-grid" and fills a huge gap in the market for seawater desalination systems.
New England Marine Renewable Energy Center @ UMD	Energy	Ocean Energy Development	MA	np	3	Organization comprised of academia, government agencies, industry, municipalities, public interest groups and concerned individuals. MREC's focus is to foster the development of ocean based renewable energy (wave, tidal, current and ocean wind). MREC is developing a network of technology developers and energy users who will collectively define the needs of this nascent industry and work to bring together the required technology,

						capital, infrastructure, human resources to implement ocean renewable energy in the most sustainable manner for the region.
Free Flow Power	Energy	Hydro-power	MA	p	2	Clean renewable energy company focusing on hydro-power, hydrokinetic and hydro pumped storage as reliable, cost-effective sources of electricity and grid stability.
Ocean Renewable Power Company	Energy	Tide and Current power	ME	p	3	Since 2004, ORPC has been hard at work developing breakthrough technology and eco-conscious projects that use ocean and river currents to produce clean, predictable electricity to power our homes and businesses while protecting our environment. We believe that our ocean and river power systems not only can, but must, be designed to preserve the world's marine ecosystems. They should provide renewable supplies of clean energy that are both reliable and affordable. They should be compatible with other marine industries, and should create quality, sustainable jobs and other economic opportunities in their surrounding communities.

Sort by: Primary Sector/State/Rank from "Most Suitable"

OffshoreMW	Energy	Offshore Wind Energy	NJ	p	3	OffshoreMW is a leading offshore wind project development company working to bring cost-effective, clean, and safe offshore wind energy to the northeast United States. OffshoreMW is working with the public sector, non-profit organizations, manufacturers, and others to help build a diverse and growing offshore wind industry for the United States.
Ocean Power Technologies	Energy	Wave Power	NJ	p	2	Leading renewable energy company specializing in cost-effective, advanced, and environmentally sound wave power technology. OPT's PowerBuoy® system integrates patented technologies in hydrodynamics, electronics, energy conversion, and computer control systems to extract the natural energy in ocean waves
Wave Energy Technologies Inc	Energy	Wave Power	ON	p	3	Wave Energy Technologies Inc. designed and developed the WET EnGen™. The WET EnGen™ represents many years of research and testing, culminating in a breakthrough technology that converts the energy in ocean waves to electrical power or pressurized water for desalination. Our highly efficient WET EnGen™ is leading edge because of its ability to be applied in the widest range of wave climates throughout the world.

Sort by: Primary Sector/State/Rank from "Most Suitable"

SIECAT Wave Energy Accumulator	Energy	Wave Power	Ontario	p	3	The almost limitless supply of wave energy on our oceans and large bodies of water is powered by the sun, is totally sustainable, renewable, Green House Gas (GHG) emissions free, and cries out to be harvested by a viable technology. The vision, at Solar Inspired Energy Inc, is that our unique and proprietary SIE-CATTM Wave Energy Accumulator technology, and further patent enhancements, provides the key to the viable capture of this bountiful but elusive energy, providing Electricity,Hydrogen via electrolysis, and Potable Water via Reverse Osmosis. We look upon the exuberance of the ocean environment, not as a challenge, but rather as an opportunity. This limitless supply of ocean energy off Canada's three shores will support the hydrogen economy, and lead society away from its dependence on hydrocarbons. The world's supply of hydrocarbons needs to be preserved for more valuable commodities than as an internal combustion fuel. The SIE-CATTM technology will spawn the greatest industry, the Energy Industry, as society mines the ocean's surface.
Columbia Power Technologies, LLC	Energy	Wave Power	OR	p	4	Columbia Power Technologies, LLC is an independent company founded in 2005 by Greenlight Energy Resources, Inc. In partnership with Oregon State University, the company is engaged in the development and commercialization of wave energy harvesting devices using novel, off-shore, direct-drive permanent-magnet generator topologies. Columbia's management team

						combines energy industry, engineering, legal, and technology commercialization experience, and is well prepared to be a leader in the field of ocean energy.
Deepwater Wind	Energy	Ocean Energy Development	RI	p	3	America will need all types of renewable, domestically generated energy in the coming years. But only offshore wind energy can be developed at a rate and scale required to bring about the change we need today. We are developing utility-scale wind farms in deep waters that will provide abundant clean energy — up to 1,000 megawatts or more at each wind farm. Just as important, these large wind farms will be generating power closest to where it's needed most — in energy-constrained East Coast markets where power is commonly generated using fossil fuels and construction of new generation is difficult. In the process of developing and operating these wind farms, we will partner with state and local governments to foster economic development. The benefits of new jobs, clean energy, and reduced reliance on foreign energy sources will be seen by coastal communities — and the entire country.
Atlantic Hydrokinetics	Energy	Ocean Energy	RI	p	3	

Sort by: Primary Sector/State/Rank from "Most Suitable"

Ocean Wave Energy Co.	Energy	Wave Energy	RI	p	2	OWECO Ocean Wave Energy Company mission is carbon combustion and nuclear processing reduction, hydrogen/oxygen cycling, and water climate management through utility-scale wave energy conversion to electricity. Founded 1978, in Rhode Island USA, OWECO internationally participates in fostering renewable ocean energy and best practice regulation in the coming sea change. Naturally hydroficient synergy, minimum system geo-engineering, and patented direct-drive technology are applied to high-energy offshore and deep ocean interference waves. The goal is to provide self-supported, quick dis/connectable, and scalable OWEC® Ocean Wave Energy Converter modules having least true cost and environmental impact. The below high or low resolution Windows Media File introduces the OWEC® system and is best viewed with sound.
Aquamarine Power	Energy	Wave Energy	Scotland	p	4	We set up Aquamarine Power in 2005 to bring our innovative wave energy technology known as Oyster to the commercial market. Our vision is to make marine renewable energy mainstream.
GenPro Energy Solutions	Energy	Ocean Energy	SD	p	4	Delivers sustainable, renewable energy products and systemsworldwide. We provide solar modules, solar-powered water pumping systems, wind turbines, solar thermal heating systems, water purification systems, LED lighting, grid-tieand off-grid systems, and more.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Principle Power Inc	Energy	Offshore Wind Energy	WA	p	4	Principle Power is a technology developer focused on the deep-water (greater than 50m) offshore wind energy market. Principle Power's enabling product, a floating wind turbine foundation called WindFloat, provides for siting of offshore wind turbines independent of water depth, thus exploiting the world's highest capacity wind resources. Deep-water offshore wind installations, to date, have not been feasible due to economic and technological limitations.
Offshore Wind Development Coalition	Energy	Offshore Wind Energy		np	2	The Offshore Wind Development Coalition (or OffshoreWindDC) is a group of businesses advocating for federal policy initiatives promoting the development of offshore wind farms. These wind farms generate clean, renewable energy and, at utility scale, can each provide enough power to meet the electricity needs of more than 100,000 homes a year.
IDE Technologies	Equipment & Manufacturing	Desalination	CA	p	4	IDE Technologies Ltd. is a pioneer and world leader in water technologies. The company specializes in the development, engineering, production and operation of advanced desalination as well as innovative industrial solutions.IDE is a world leader in the desalination industry. With more than 45 years of know-how and experience, IDE delivers end-to-end project solutions for its customers throughout the world. Leveraging superior thermal and membrane technologies, IDE specializes in the delivery and operation of various desalination and water treatment solutions.

Sort by: Primary Sector/State/Rank from "Most Suitable"

LIFESTREAM Watersystems Inc.	Equipment & Manufacturing	Desalination	CA	p	2	Lifestream Watersystems Inc. is a manufacturer of water purification and desalination systems specializing in: Reverse osmosis technology, membrane separation and water filtration equipment.
NortekUSA	Equipment & Manufacturing	Underwater Instruments	MA	p	3	Nortek AS is a scientific instrumentation company that develops and distributes water velocity instruments. Our products are based on the acoustic Doppler principle and span from single point turbulence sensors to long range current profilers. Our customers are scientists, research institutions, and consulting engineers, all with demanding applications requiring state-of-the-art instrumentation that is reliable and easy to use.
Fluid Imaging Technologies	Equipment & Manufacturing	Underwater Imaging	ME	p	3	Since 1999 and the introduction of the first FlowCAM®, Fluid Imaging Technologies has been the innovator and leader when it comes to the use of digital imaging as a method for the automated analysis of microscopic particles in fluids. The system was first developed for the analysis of ocean water in oceanographic research, then also used in fresh water applications. Finding the FlowCAM technology to be applicable in other non-aquatic areas, in 2004 the company began selling its technology into 'industrial' markets'. These markets include pharmaceuticals, food & beverage, chemicals, abrasives and plastics. The FlowCAM hardware has been continuously improved each year, producing industry-leading advancements such as cross-polarized illumination, laser and fluorescence-triggered acquisition and the use of an

						optional high precision syringe pump.
PR Aqua	Equipment Manufacturing	Aquaculture	BC	p	4	For over twenty years our clients have been achieving improved efficiencies and productivity with help from the diverse Design, Engineering, and Manufacturing strengths of PR Aqua. Our depth of experience, knowledge, and expertise with intensive aquaculture systems gives us the edge in providing advanced technologies to meet our clients' production expectations. Our success is measured by our clients' success and the evidence can be seen in a wide variety of aquaculture applications in North America and around the World. From research facilities to hatcheries and growout operations, PR Aqua is the name first considered as the most comprehensive solution provider in the aquaculture industry.
Falmat Cable	Equipment Manufacturing	Underwater Cabling	CA	p	4	Falmat has been a leader in custom cable design and manufacturing for four decades. Our design analysis, cutting edge materials and state-of-the-art manufacturing facilities, provide global solutions for a variety of industries such as, Defense, Aerospace, Industrial Electronics, Transportation, Medical, Exploration and Ma-

						rine applications.
InterOcean Systems, Inc	Equipment Manufacturing	Ocean Measurement Systems	CA	p	4	For over 60 years InterOcean systems, inc. has been the world leader in the design and manufacture of premier quality oceanographic and environmental equipment and systems. We continually improve and broaden our line of products, and strive to accommodate each customer's requirements and needs. Our product line includes S4 Current Meters, Wave & Tide Gauges, Meteorological/Oceanographic (METOC) Buoys, Acoustic Releases, Winches & Marine Handling Systems, Hydrophones, and Remote Oil Spill Detection and Sampling. With our proven commitment to product reliability and support, you may rely on InterOcean for your marine equipment and instrumentation needs.
Liquid Robotics	Equipment Manufacturing	Ocean Measurement Systems	CA	p	4	Initially a joint venture between Jupiter Research Foundation and Roger Hine to develop an unmoored, station-keeping data buoy for monitoring humpback whales, Liquid Robotics was incorporated in January of 2007 to continue development of the technology. The Wave Glider is our flagship product, enabling dozens of applications and missions never before possible. Now, with a growing staff, Liquid Robotics is poised to capture this newly created niche in the marine technology market, bringing the innovation and entrepreneurial spirit of Silicon Valley to the ocean science and technology sector.

Sort by: Primary Sector/State/Rank from "Most Suitable"

The Oceanscience Group	Equipment Manufacturing	Ocean Measurement Systems	CA	p	3	The Oceanscience Group is a world leader in development of oceanographic, hydrographic, and hydrologic deployment equipment designed to save survey time and improve data quality. Our major products are remotely-controlled and tethered instrumentation deployment boats for acoustic Doppler current profilers, the UnderwayCTD and UnderwaySV that introduced the possibility of affordable and compact profiling from a moving vessel, and the popular Sea Spider and Barnacle seafloor platforms. We supply turnkey remote hydrographic survey boat systems to individual project specifications, typically including environmental monitoring or bathymetry equipment, GPS positioning and data telemetry. Our experienced ocean engineers can design customized equipment deployment buoys, and we are the supplier of the Clamparatus ADCP frame to NOAA for the PORTS Aid to Navigation (ATON) system.
SeaBotix Inc	Equipment Manufacturing	ROV	CA	p	2	SeaBotix is the world leading manufacturer of MiniROV systems with a pedigree of underwater expertise. A dedication to providing a capable underwater solution unlike anything else.
Geometrics, Inc	Equipment Manufacturing	Geophysical	CA	p	2	Our instruments are used from the highest altitudes to the depths of the ocean floor and in all climate and temperature conditions in the air, on the sea and on land. Could be used for Oil & Gas exploration, Mineral Exploration, Military, defense, UXO, and security applications, archaeological reconnaissance, agricultural geophysics, treasure exploration, infrastructure, dike & levee inspec-

						tion
Custom Navigation Systems	Equipment Manufacturing	Boating Electron-ics	CT	p	4	We are committed to long term relationships, and it shows with our clientele. Each has their own special requirements and we work on a personal level to develop that information. We offer different services for different needs. We sell the equipment at favorable prices for those who just want to purchase the hardware. For those who want "to do it themselves" we sell the equipment, providing all the technical drawings for them to follow as they install the system, and then we do the final hook-ups and testing.
Aquatic Robotics, LLC	Equipment Manufacturing	ROV	CT	p	3	Aquatic Robotics, LLC is a small veteran owned business in the state of Connecticut. We provide Remotely Operated Vehicle (ROV) and manned submersible technical support services, operations and engineering. We have an inventory of ROV's for operations, lease and prototyping development support services. We have over 20 years experience ranging from the off shore oil and gas industry, inland operations to scientific support services.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Madison Technology International	Equipment Manufacturing	Acoustics	CT	p	3	Madison Technology International - Development of a family of high performance preamplifier/signal conditioners RDTE/Services-Adv Tech Dev. AUV Towed Arrays & Deployed Arrays for acoustic research and undersea surveillance
Ockam Instruments, Inc.	Equipment Manufacturing	Software and Systems Design	CT	p	2	Knowledge wins races. Ockam Instruments is committed to providing that knowledge: Through accuracy of the most technologically advanced instruments available, through research and development of new race winning techniques through education for you and your crew, and through exemplary service and support, Ockam is the proven leader in performance sailing information systems.
Pearse-Bertram LLC	Equipment Manufacturing	Marine Engineering	CT	p	2	Pearse-Pearson and Bertram Controls have long been recognized as independent distributors that provided exceptional products and services to our respective markets of Industrial Automation/Motion Control and Instrumentation/Process Control.
General Oceanics	Equipment Manufacturing	Ocean Measurements	FL	p	4	The company's goal has been to design and manufacture the highest quality instrumentation and water sampling products available to the oceanographic community. Has branch in NY.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Csnet International, Inc	Equipment Manufacturing	Marine Science	FL	p	3	CSA International, Inc. (CSA) specializes in marine sciences and services, with business lines focusing on the following industries: Energy Industry, Coastal Permitting, Coastal restoration and mitigation, coastal and ocean sciences, navy, marine services, planning
Star-Oddi	Equipment Manufacturing	Ocean Measurement Systems	Iceland	p	2	Star-Oddi is a manufacturer of innovative scientific research tools, mainly data loggers for ecosystem and animal studies. Products include submersible and implantable temperature loggers, sensors such as depth (pressure), salinity (conductivity), tilt angle, light, humidity, acoustic and magnetic field strength.
NEW Industries	Equipment Manufacturing	Marine Engineering	LA	p	4	New Industries focuses on large diameter, shop fabricated pressure vessels including tanks for inland and offshore barge transportation of LPG, chlorine and amonia, dry bulk mud tanks for offshore supply vessels and drilling rigs, subsea production hardware including jumpers, PLETs, PLEMs, manifolds and suction piles, process vessels for on- and offshore oil and gas production facilities, gas plants and other process facilities as well as a wide variety of specialty fabrication projects such as DNV certified lifting appliances, portable buildings/cabins and ROV components.

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MJ Stewart Associates	Equipment Manufacturing	Underwater Cabling	MA	p	5	MJ Stewart Associates is the North American distributor of Subconn underwater connectors and cable assemblies. The Subconn connectors offer the most reliable wet mateable connector on the market. The connectors come in 1 to 16 pin configurations and offer standard bulkhead bodies made of brass, stainless steel, Titanium and anodized aluminum. We also offer Optolink fiber optic connectors and complete moulding and termination services to our own and customer supplied cables. We have facilities in 4 locations in the US and throughout the world which stock connectors and cables and can provide moulding and termination services.
EdgeOne LLC	Equipment Manufacturing	Geophysical	MA	p	5	EdgeOne LLC, doing business as ORE Offshore, designs, manufactures, and supplies acoustic survey and geophysical equipment for offshore, military, and institutional markets. It offers underwater navigation and positioning systems, such as broadband acoustic tracking systems; Trackpoint 3, a system that is configured for a desktop application with a PC or laptop; TrackPoint 3P, an acoustic underwater tracking system used in open boats in various weather conditions; underwater responders/transponders; motion reference units; and IPS (integrated positioning system), a PC-based software package developed for the purpose of integrating a USBL acoustic tracking system with DGPS.
Hydroid, Inc. (Kongsberg owned)	Equipment Manufacturing	AUV	MA	p	5	Hydroid is a wholly owned subsidiary of Kongsberg Maritime. We are a leading manufacturer of advanced, innovative Autonomous Underwater Vehicles - AUV for deep

						sea survey and mapping worldwide. Applications include both military and commercial use.
Harris Acoustic Products Corp	Equipment Manufacturing	Acoustics	MA	p	5	Harris Acoustic Products Corporation designs and manufactures sonar projectors, hydrophones, and associated equipment for navy, OEM, and commercial customers. It offers military and commercial sonar transducers, underwater and hull-mounted telephones, diver hand-held sonars, and other acoustic devices for marine applications. The company also provides depot level repair, acoustic testing, and electronic assembly and fabrication services
Cape Cod Instruments, Inc.	Equipment Manufacturing	Weather	MA	p	4	Hand-crafted on Cape Cod since 1939, Cape Cod® Wind & Weather Indicators let you bring the weather indoors. These quality, precision instruments include the Cape Cod® Wind Speed Indicator (available with optional Peak Gust Register), Cape Cod® Wind Direction Indicator, Cape Cod® Marine Barometer, and Cape Codder® Clock (available with optional Tide Hand).
Benthos, Inc	Equipment Manufacturing	Underwater Instruments	MA	p	4	Benthos was founded in 1962 by Samuel O. Raymond in North Falmouth, Massachusetts, a few miles from the research facilities at Woods Hole Oceanographic Institution. During its first three decades, the company placed particular emphasis on supplying underwater equipment to military and government markets. Early in the 1990's, in response to a decline in these markets, the company shifted its priorities to meet the growing needs of com-

						mercial markets. These markets include the geophysical industry where Benthos products and systems are used in the search for offshore oil and gas deposits, as well as scientific research and environmental markets.
JW Fishers	Equipment Manufacturing	Underwa-ter In-struments	MA	p	4	JW Fishers has specialized in the design and manufacture of reasonably priced, high tech underwater search equipment. The product line includes diver-held and boat-towed metal detectors, marine magnetometers, underwater cameras, ROVs, cable tracking systems, acoustic pingers, scanning sonars, and side scan sonars
Biological Environ-mental Sampling Sys-tems	Equipment Manufacturing	Ocean Mea-surement Systems	MA	p	4	No description found
Clearwater Instru-mentation, Inc.	Equipment Manufacturing	Ocean Mea-surement Systems	MA	p	4	Clearwater Instrumentation manufactures sophisticated, autonomous, oceanographic instruments, called drifters. Drifters operate unattended while floating on the sea surface and relay environmental information to the user by satellite. Meteorologists and oceanographers in research and observational programs use Clearwater drifters to measure ocean surface current velocities and other environmental data from the sea and the atmosphere, anywhere on the world's oceans. We also provide

						data and consulting services to our clients. Our clients include military and governmental agencies, research institutions, and universities in the US and internationally.
YANKEE ENVIRONMENTAL SYSTEMS, INC.	Equipment Manufacturing	Ocean Measurement Systems	MA	p	4	Since 1989, Yankee engineers have been focused on solving some of the most difficult measuring problems known to man, including global warming, acid rain, and ozone depletion. Our instrumentation products help solve some of your most difficult challenges in temperature and moisture, atmospheric radiation and remote automated weather observation. More recently, Yankee has focused its efforts on operational meteorology and homeland defense, such as tracking winds that might carry a plume from a dirty bomb. Automated Total Sky Imagers and Radiosonde Launchers reduce or eliminate the need for human observers, freeing personnel to work on more value-added tasks. Yankee introduced the world's first no-moving-parts precipitation sensor based on hotplate technology licensed from the National Center for Atmospheric Research. This novel sensor will lead to important improvements in air and road safety in winter conditions.

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Layton Industries, Inc.	Equipment Manufacturing	Communi-cation	MA	p	4	Electronics and electronic communications
Ritchie Navigation	Equipment Manufacturing	Boating Electron-ics	MA	p	4	For over 150 years, from the first liquid dampened compass to today's modern PowerDamp dial designs our Engineering Department has been critical to the development of the modern marine compass. Today, sophisticated computers and specialized instrumentation also allow Ritchie Engineers to develop better and more efficient ways to build compasses. itchie Compasses have won many awards for design and engineering excellence in the past 150 years. An early Ritchie liquid filled compass with a floating dial is exhibited in the Albert Museum of Science and Industry in England, proudly displayed along with a collection of nautical instruments created by the famous Lord Kelvin.
True North Technol-ogies	Equipment Manufacturing	Boating Electron-ics	MA	p	4	True North Technologies develops and manufactures custom products for marine, air, and land-based applications with a concentration in electronic compassing. Our products include custom designed electronic compasses for marine and land use in recreational, commercial, and industrial markets. In addition to products for OEM customers, True North has developed the TNT REVOLUTION™, an off-the-shelf strap-down electronic compass sensor for scientific, agricultural, oceanograph-

						ic, robotic, and geological applications.
MASSA Products Corp.	Equipment Manufacturing	Acoustics	MA	p	4	Massa is a leading innovator in the design and manufacture of electroacoustic products for ultrasonic sensing in air and for underwater commercial oceanographic sonar applications. In addition, we have developed and manufactured a wide range of sonar transducers and systems specifically for military use.
Koch Membrane Systems, Inc	Equipment Manufacturing	Water Technology	MA	p	3	For nearly half a century, KMS has been a world-class developer and manufacturer of innovative membrane filtration systems serving a global marketplace. We develop the finest filtration membranes, build custom and engineered systems for a broad array of industries, and provide superior technical and customer service support. Romicon's outstanding reputation was based on hollow fiber UF membranes and systems. Fluid Systems Corporation, now fully integrated into KMS, was one of the pioneers of commercial reverse osmosis and nanofiltration membrane products, which lead the industry for desalting brackish water and seawater for drinking purposes. This advanced desalination technology is also used for many industrial applications. Puron developed a submerged membrane bioreactor technology that shows great promise for both industrial and municipal waste-

						water treatment.
Epc Laboratories, Inc.	Equipment Manufacturing	Sonar	MA	p	3	In the early 1970s the company started a period of rapid growth that resulted from the booming expansion of the oil industry. Throughout the following decade EPC migrated its imaging technology into passive sonar applications such as anti-submarine warfare and communication surveillance. It was at this time that the technology in printing changed from the Electrographic Recorders (EGRs) to the Thermal Graphic Recorder (TGRs). EPC pioneered much of the high-res TGR revolution in the ocean industry and continues to manufacture these products today at its Newburyport headquarters in Massachusetts.
Ultra Electronics Ocean Systems	Equipment Manufacturing	Software and Systems Design	MA	p	3	Ultra Electronics Ocean Systems is a recognized technical leader in the design, development, manufacture and support of undersea defense electronics equipment and systems. We have been a major DoD supplier for over 50 years and take pride in having successful partnerships with small business and research laboratories. Our long history with submarine communications, acoustic coun-

						termeasures, torpedo defense, Anti Submarine Warfare (ASW), transducers, and special purpose arrays are highlighted by the significant number of industry achievements that we continue to demonstrate within the defense community.
Aanderaa Data Instruments AS	Equipment Manufacturing	Ocean Measurements	MA	p	3	Aanderaa Data Instruments AS (AADI), headquartered in Bergen, Norway, designs, manufactures and sells sensors, instruments and systems for measuring and monitoring in demanding environments. We export more than 80% of our products and services around the world, and we are an international market leader in several of our product areas. Our main market areas are Marine Transportation, Oil and Gas, Aquaculture, Environmental Research, Road and Traffic and Construction.
Bluefin Robotics Corp.	Equipment Manufacturing	AUV	MA	p	3	Bluefin Robotics develops, builds, and operates Autonomous Underwater Vehicles (AUVs) and related technologies for defense, commercial, and scientific customers worldwide.

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L3 Henschel	Equipment Manufacturing	Software and Systems Design	MA	p	2	Henschel communications, monitoring and control equipment has been on the scene wherever an unforgiving environment demands unquestioned reliability and longevity. For customers who require "engineer-to-order" solutions, an extensive knowledge base is made available in: analog and digital circuitry, electromechanical design, software development, signal processing, enclosures and packaging, consoles and workstations, microprocessor technology, network architectures, man/machine interface control and graphics and commercial-off-the-shelf (COTS) implementation and integration. L-3 Henschel experts can also assist in compliance with qualification, environmental and electromagnetic interference (EMI) testing requirements.
Deep Sea Systems International Inc.	Equipment Manufacturing	ROV/AUV	MA	p	2	An innovative, high technology company that brings decades of deep ocean engineering experience to the design and manufacture of underwater remotely operated vehicles (ROVs) and ROV components including the Ocean ProHD camera system and LED lighting. Global Explorer ROV is a deep water ROV that was designed and built by Deep Sea Systems and is available for lease. Global Explorer ROV has made numerous dives below 9000'. It has a total system weight below 25,000 lbs and it can be transported by regular side-loading aircraft.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Falmouth Scientific Inc	Equipment Manufacturing	Ocean Measurements	MA	p	2	Falmouth Scientific, Inc. (FSI) is a manufacturer of precision instrumentation for oceanographic applications. Founded in 1989, FSI operates from a state-of-the-art manufacturing facility in Cataumet, Massachusetts, located on Cape Cod. Our strategic close proximity to many prestigious organizations enables us to remain at the forefront of marine technology. Most importantly for our customers worldwide, all FSI products are supported by outstanding customer service.
Sea Sciences, Inc.	Equipment Manufacturing	Ocean Measurements	MA	p	2	Sea Sciences Inc. was established in Arlington, Massachusetts, USA in 1997. The company's goal is to design and manufacture portable, field-useableinstrumentation for coastal and freshwater research. Our field products can be used from small boats and need only a minimum of preparation. Our main product line is based on the AcrobatTM, a versatile computer driven tow body which supports a host of R&D instrumentation selected by the user.
L.L. Rowe Company	Equipment Manufacturing	Marine Engineering	MA	p	2	Whatever your needs, Electrical Connectors, Molded Cable Assemblies, Hull Penetrators, Magnetic Switches, Distribution Panels, Control Boxes, Navigational Lighting, Interior Communication Equipment, the L. L. Rowe Co. and it's expert staff will work with you to develop a quality product .

Sort by: Primary Sector/State/Rank from "Most Suitable"

Seaver Engineering Associates	Equipment Manufacturing	Marine Engineer-ing	MA	p	2	Oceanographic Services
Megapulse	Equipment Manufacturing	Boating Electron-ics	MA	p	2	Megapulse is a leading designer and manufacturer of advanced navigation and communication products. The company is the market leader in Loran-C and eLoran technology and is the sole source supplier of solid state transmitters for the Loran system. Loran is a terrestrial radionavigation system that can determine the position of a ship or aircraft or land mobile vehicle through the use of low frequency radio signals broadcast from transmitters located across the globe. Loran signals can be used to measure position, velocity, time, orientation and for the broadcast of data. Megapulse eLoran equipment incorporates technologies that substantially enhance and extend the capability of the Loran system.
IMAGE ACOUSTICS, INC.	Equipment Manufacturing	Acoustics	MA	p	4	Image Acoustics, Inc. uses Finite Element Analysis and a battery of transducer and array computer programs to perform efficient and effective design and analysis. Many of these programs were developed and coded at Image Acoustics, Inc. and are available for commercial use. For information on Image software see "Software" on the Image homepage.

Sort by: Primary Sector/State/Rank from "Most Suitable"

AeroHydro Inc	Equipment Manufacturing	Software and Systems Design	ME	p	3	AeroHydro, Inc. of Southwest Harbor, Maine, is a pioneer in the field of Computer Aided Design (CAD) for boats and ships, and has served the needs of the marine industry for over 25 years. More than 500 designers and builders worldwide use AeroHydro's computerized 3D and marine design software as an integral tool in their daily business. AeroHydro's flagship marine design software, MultiSurf, is in use in a variety of marine environments; customers include naval architects, boat builders, marine parts fabricators, and CNC machining centers.
HSC Fabrication	Equipment Manufacturing	Aquaculture	NB	p	4	HSC Fabrication is comprised of in-house and resource personnel with extensive experience in aquaculture, engineering and steel fabrication. Integrating these individual strengths into one resourceful, creative team enables HSC to design and manufacture complete solutions to its customers' aquaculture equipment challenges. Solutions forged in steel … the strongest, most versatile and adaptable construction material available.
iRobot® Corporation Maritime Systems	Equipment Manufacturing	ROV/AUV	NC	p	4	iRobot® Corporation's Maritime Systems group (fka Nekton Research LLC) develops and manufactures AUVS/UUVS that perform multiple missions for maritime researchers, oceanographers and military planners, including physical, chemical and biological oceanography, tactical oceanographic surveys and marine environmental monitoring, including the Seaglider®, a long-range, high-endurance UUV that makes oceanographic measurements, and Ranger, a general development platform

						for small UUV capabilities.
Atlantic Pacific Clearance Corporation	Equipment Manufacturing	Oceano-gragraphy	NH	p	4	Marine search systems, integration, planning & conduct, EOD & minewarfare,
Seapoint Sensors, Inc	Equipment Manufacturing	Ocean Measurements	NH	p	4	Seapoint Sensors, Inc. is one of the world's leading manufacturers of underwater optical sensors. Our sensors are known for their high performance, low power consumption, and 6000 meter depth rating. They can be used for in-situ measurements in fresh and salt waters including the most extreme of conditions, and for in-line industrial applications. Seapoint sensors are easily interfaced with a wide variety of third party equipment such as submersible dataloggers and CTD systems, handheld and benchtop dataloggers and displays.
Raymarine Inc	Equipment Manufacturing	Boating Electronics	NH	p	4	With headquarters in Nashua, New Hampshire, Raymarine Inc. is dedicated to the design, manufacture and distribution of the highest quality marine electronic products and services to the worldwide recreational and light commercial markets. Our commitment to the marine industry spans over 80 years of product development and boasts a comprehensive range of products from GPS chartplotters and VHF radios to HD Digital fishfinders, instruments, radar, autopilot, satellite television, soft-

						ware systems and more. Recognized for its innovation, Raymarine is uniquely able to deliver new and exciting technologies never before applied to the recreational marine market.
Klein Associates, Inc.	Equipment Manufacturing	Security	NH	p	3	L-3 Klein is the world's leading supplier of side scan sonar equipment, integrated bridge systems, navigation products and waterside security and surveillance systems. In 1967, Marty Klein an MIT graduate set his own course in the new commercial field of Side Scan Sonar. This was a bold move since the only companies involved in this area were multi-million dollar organizations. Klein's mantra is one of creating reliable, leading-edge sonar products, and maritime domain awareness systems while offering top quality service. L-3 Klein has developed a worldwide reputation of excellence in the industry by providing quality products and excellent customer service.
Sounder Standards Inc.	Equipment Manufacturing	Acoustics	NH	p	3	Manufacturer echo sounder, sonar performance testing equipment,

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QPS	Equipment Manufacturing	Underwa-ter Imag-ing	NH	p	2	Fledermaus allows users near real-time, interactive 3D display of very large complex scenes at their full resolution. Users rapidly gain insight and extract more information from their combined data (data sets such as multi-beam, LIDAR, magnetic and gravity, in fact any surface data that has an x, y, z, variables format). Fledermaus is used across many industries by a variety of disciplines such as geoscientist, oceanographers and hydrographers. Data such as backscatter, side scan, geo-referenced aerial photographs or images (still images from an ROV) can be draped over topographic or bathymetric data sets.
AIRMAR Technology Corporation	Equipment Manufacturing	Ocean Mea-surement Systems	NH	p	2	Airmar's marine and industrial sensors serve a wide range of international markets. Our marine product line includes fishfinder transducers that mount through the hull, in the hull, and on the transom. We also offer temperature sensors, NMEA 0183 sensors, and NMEA 2000® sensors. Our high-performance, 1 kW transducers use broadband technology which enhances overall fishfinder function. Airmar also has a full line of survey-echosounder and portable-survey transducers including models suitable for shallow water, harbor survey, deep water, ocean survey, and sub-bottom profiling. The industrial line includes ultrasonic air transducers for a wide variety of applications including: flow and level measurement, automation control, proximity sensing, tank level sensing, distance measurement, and obstacle avoidance. Factory Mutual (FM) approved transducer

						models are suitable for Class l, Division 1 Hazardous Locations. Airmar also offers custom air and marine transducers built to your specifications and integrated sensors. Our WeatherStation Instruments combine readings from an ultrasonic anemometer, temperature sensor, barometric pressure sensor, and humidity sensor, all in a single compact unit without moving parts.
Geophysical Survey Systems Inc.	Equipment Manufacturing	Marine Surveying	NH	p	2	Geophysical Survey Systems, Inc. (GSSI) is the world's leading manufacturer of ground penetrating radar (GPR) equipment. With cutting-edge products designed to address a wide range of challenging applications, the GSSI name is synonymous with unsurpassed data quality and field-proven reliability.
Simplex Technologies	Equipment Manufacturing	Communication	NH	p	2	Simplex Technologies Inc. is a world leader in the design, manufacture, and servicing of cable products. The Simplex facility in Newington, New Hampshire, has more annual throughput capacity for undersea fiber-optic cable than any other single cable facility in the world. Simplex manufactures long-length undersea fiber-optic telecommunications cable as well as cable and cable assemblies for use in data-gathering systems for the U.S. Navy. Other products include flexible pipe capable of transferring oil, gas, water and other fluids beneath the sea, and power cables for electric utilities. Simplex also performs

						marine-engineering services related to its cable operations. The company sells its products to the U.S. Department of Defense and to telecommunications companies. Simplex is an ISO 9001 certified company.
Aero Tec Laboratories, Inc	Equipment Manufacturing	Aquaculture	NJ	p	5	ATL has specialized in the design and manufacture of custom bladder-type fluid containment systems, including bladder tanks, inflatables, pillows and bellows,for the surface and subsea industry.
Knudsen Systems Inc	Equipment Manufacturing	Acoustics	NY	p	4	Knudsen echosounders are used for precision measurement of water depths for a variety of applications, ranging from hydrographic surveys to oceanographic research to precise ship navigation. Currently, KEL produces four lines of echosounders for different applications: Shallow Water Survey, Deep Ocean Survey, Scientific & Sub-bottom Research, and Naval Navigation.
PMI Industries Inc	Equipment Manufacturing	Underwater Cabling	OH	p	5	PMI provides underwater cable products & services to customers worldwide. We interface closely with our customers working in ocean industries as well as educational and research institutions who endeavor to explore marine frontiers.

Sort by: Primary Sector/State/Rank from "Most Suitable"

YSI	Equipment Manufacturing	Ocean Measurements	Ohio	p	3	We work with professionals to develop water monitoring solutions for our planet's natural resources. Whether you are concerned with climate change, floods, droughts, storm water runoff, clean drinking water, or healthy ecosystems, YSI can partner with you to provide reliable water resource instruments and systems. Our instruments, software, and data collection platforms are focused on environmental monitoring and testing. The integrated systems we deliver to our customers help them to obtain critical data about the quality of water.
Shark Marine Technologies Inc.	Equipment Manufacturing	Underwater Instruments	Ontario	p	4	Shark Marine Technologies Inc. is an industry leader in delivering new and innovative technologies to the underwater industry. Your underwater technology specialists since 1984, Shark Marine's founding mandate was to deliver underwater products and services that are innovative, high quality, dependable and cost effective. Shark Marine has delivered on that mandate and has gained global respect for its developments in undersea technology, the expertise it brings to on site operations, and the creative solutions it delivers to unusual and challenging applications.

Enviroscan, Inc	Equipment Manufacturing	Oceano-graphy	PA	p	4	Enviroscan, Inc. specializes exclusively in nonintrusive, nondestructive geophysics - the science of detecting and mapping underground, underwater, or otherwise hidden objects or features. Despite the fancy title, geophysics is really just the earth science equivalent of medical radiology. Just as radiologists use noninvasive techniques to diagnose internal problems and minimize (and make safer) invasive surgery, geophysicists can detect and delineate subsurface features to minimize (and make safer) intrusive digging or drilling. Most importantly, geophysics can provide early warning of subsurface hazards such as buried utilities, sinkholes, drums, USTs, contaminant plumes, etc., - eliminating costly mid-project surprises.
VideoRay	Equipment Manufacturing	ROV	PA	p	2	ROV's that can be used for: Aquaculture Broadcast HD,Commercial Diving, Educational, Infrastructure, Law Enforcement, Hydroelectric, Offshore, Military, Science & Research, Sport, Water Management
SyQwest	Equipment Manufacturing	Acoustics	RI	p	5	Syqwest Inc.has a dedicated staff of professionals whom strive to provide exceptional and innovative acoustic solutions to our global marketplace. Our engineering staff has over 150 years of combined experience in sonar and acoustic solutions. We have provided innovative product designs for applications in; marine hydrographic and geophysical surveying as well as military sonar markets worldwide. Our principal technologists are prior employees of Raytheon and have significant experience in the design, manufacturing and support of sophisticated acoustic instrumentation. Our products are of the high-

						est quality and are "best of breed "in price and performance characteristics. Over the past ten years we have delivered over 3,000 sonar systems to satisfied customers worldwide.
Farsounder Inc	Equipment Manufacturing	Sonar	RI	p	4	The FarSounder Ship Protection System is a unique multi-sensor solution with 360º coverage using fixed in-hull sensors. This multi-use system provides underwater threat detection while at anchor and navigation sonar while underway. The system is based on FarSounder's patented sonar technology which produces a complete 3D image with a single ping! System capabilities include 360º detection of divers and other threats with automatic detection, tracking, classification and alarm algorithms. The technology has been optimized for challenging and shallow environments. The display offers electronic overlays and can differentiate between divers, marine mammals and other benign objects, with minimal false alarms.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Ametek SCP, Inc.	Equipment Manufacturing	Underwa-ter Cabl-ing	RI	p	3	AMETEK SCP, Inc. a world leader in underwater cable and connector solutions for military and commercial applications. AMETEK SCP offers rugged Gigabit Ethernet connectors for explosive shock, vibration, deep submergence or harsh surface environments, glass to metal seals, hull penetrators, MIL-C-24231, MIL-C-24217 connectors, and custom cable assemblies including coax, fiber, power and hybrid designs. Originally founded in 1993 as SEA CON Phoenix, Inc. AMETEK SCP is located adjacent to the Westerly, Rhode Island airport and has Manufacturing and Test capabilities as well as Research and Development staff
Birns Aquamate, LLC	Equipment Manufacturing	Underwa-ter Cabl-ing	RI	p	3	BIRNS AQUAMATE LLC manufactures quality underwater electrical connectors, cable assemblies, and cable terminations for offshore diving, oceanographic, seismic exploration, and defense applications. The company produces a wide range of standard industry connectors such as the 5500 Series, SC, MC, LP, FAWL/FAWM, and Rubber Moulded. BIRNS is the only manufacturer to guarantee and warranty connectors that are fully compatible with other manufacturers. The firm also specializes in fast turn-around for custom design of special connector solutions.

Sort by: Primary Sector/State/Rank from "Most Suitable"

SubChem Systems, Inc	Equipment Manufacturing	Ocean Measurement Technology Improvement	RI	p	3	is a Rhode Island small business, and contractor for the US Department of Defense. Our company offers specialized submersible chemical analyzers for nutrients, trace metals and other chemicals of interest. We also provide environmental data collection and analysis software, environmental and ocean engineering consulting services, and technical support for water quality monitoring in freshwater, coastal and ocean observation programs. The primary goal of our company is to develop and provide new and improved technology to the global environmental, oceanographic and defense markets - submersible chemical analyzers and sensor systems for water quality monitoring and underwater surveillance.
Interactive Oceanographics	Equipment Manufacturing	Ocean Measurements	RI	p	2	Offers a wide variety of streamlining technology to assist in bathymetric and water quality mapping.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Advanced Equipment and Services Inc	Equipment Manufacturing	Water Technology	TX	p	4	ADVANCEES is a global provider of custom skid-mounted water purification equipment such us seawater desalination plants, brackish reverse osmosis units, ultrafiltration, nano filtration and Softeners. These units can come with different options as booster and feed pump skids, electrodeionization, MM filters, Ozone generators, UV systems, Pre-treatment and post-treatment units. Also we offer a variety of services as commissioning, start-up, membrane chemical cleaning, scada systems, automatic data logging, remote monitoring, unit refurbishment, energy recovery device retrofits, process optimization, consumables, spare parts and trainingWe remove contaminants from untreated water to produce water that is pure enough for its intended use, most commonly human consumption and special industrial application such us Pharmceutical, Boilers, Electronic components, Farms, Power plants, etc.
Seanic Ocean Systems	Equipment Manufacturing	Subsea Support Services	TX	p	3	From launch to job execution to recovery, Seanic Ocean Systems understands deepwater operations due to our diverse experience. We consistently deliver High Quality Engineered Solutions, based on real-world experience, saving you time and money. Custom, quick-turnaround Intervention tooling empowers your ROV to successfully do the tough jobs your customers demand. From engineering to FAT, we build products that perform. Dependable, field-proven standard product line tools are available to Purchase or Rent today. Our comprehensive toolbox is comprised of custom and standard

						products, specifically designed to meet today's challenging subsea operations.
Aquacare Environment, Inc	Equipment Manufacturing	Aquaculture	WA	p	4	Aquacare Environment Inc. supplies controlled environment aquaculture technology to the aquaculture industry. Our team specializes in intensive land-based controlled environment aquaculture systems. Aquacare can develop, design and supply complete fish farms for clients worldwide, and can supply cost effective prefabricated system components to existing farms. Click here to view our PORTFOLIO for some past and present projects. Aquacare was established in 1987 dedicated to developing and marketing cost-effective equipment and systems for modern, intensive land-based fish farming. These systems are based on proven, conservative biological practices, and the integration of specialized equipment components into a fish farm that provides an optimum environment for fish health and growth.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Sound Metrics	Equipment Manufacturing	Underwater Imaging	WA	p	3	Sound Metrics imaging sonars transmit sound pulses and convert the returning echoes into digital images, much like a medical ultrasound sonogram. The advantage is that they can "see" what's going on through dark or turbid (cloudy) water in zero visibility conditions. The performance of an imaging sonar—from the distance at which they can detect an object, to the clarity of the image, to the number of images they can display per second—are determined by a number of specifications, most notably the operating frequency, acoustic beamwidth and processing power and time to form an image. Sound Metrics sonars use acoustic lens technology which forms beams instantaneously using zero power. The company's line of products can be deployed from vessels, ROVs (remotely operated vehicles), AUVs (autonomous underwater vehicles) and by divers.
Sea-Bird Electronics, Inc.	Equipment Manufacturing	Software and Systems Design	WA	p	3	Sea-Bird Electronics, Inc. is the largest manufacturer of marine instruments for measurement of salinity, temperature, pressure, dissolved oxygen, and related oceanographic variables. Major products include Conductivity/Temperature/Depth (CTD) profilers, multi-bottle *in-situ* water samplers, moored CT recorders, wave/tide recorders, dissolved oxygen sensors, and thermosalinographs
BlueView Technologies	Equipment Manufacturing	Acoustics	WA	p	3	Provides acoustic underwater vision and measurement solutions that enable safe, secure, accurate, and efficient underwater operations.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Markey Machinery Company	Equipment Manufacturing	Marine Engineering	WA	p	2	Markey's advanced oceanographic winch systems provide ultimate dependability, reliability and precise performance when and where you want it. Operating within critical windows of opportunity you can count on our sustom winches, capstans, windlasses and auxiliary machinery for the successful execution and completion of your research.
Schilling Robotics	Equipment Manufacturing	ROV		p	5	We are consistently raising industry standards with our line of ROV systems, manipulator systems, and subsea control systems. Schilling is strategically partnered with FMC Technologies, Inc., a leading global provider of subsea oil and gas production equipment. Together, we solve the challenges of deep water oil and gas production, a segment of the energy industry on a trajectory of long-term growth.
Hegg Marine Solutions (Div. of Falmouth Scientific)	Equipment Manufacturing	Acoustics		p	3	Hegg Marine Solutions, now a division of Falmouth Scientific, Inc. was started April 2008 by owner and operator, Frederick Hegg. He has over 25 years experience in the ocean industry. Fred has been involved in the development of a wide range of products from acoustic positioning and release systems to 6000m rated deep towed sonar systems. His most recent projects have been related to developments in high resolution swath bathymetry systems for shallow water applications.

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AR Engineering	Equipment Manufacturing	Software and Systems Design		p	1	AR Engineering is a global specialist in building and designing fully integrated marine computer systems, that can include computer based integrated bridge systems, virtual instrumentation, chart navigation, radar, sonar, nightvision, entertainment systems, and more. Our attention to detail, coupled with our well thought out, efficient designs set us apart from the rest. We use the latest in computer technology coupled with common sense and the experience to know what really works on the water. Our ability to customize and design the system to your needs adds confidence and safety to your voyage.
Island Scallops Ltd	Fish & Fishing	Aquaculture	BC	p	3	Located on the west coast of Canada near Qualicum Beach, British Columbia, Island Scallops represents Canada's largest private marine research hatchery and first fully-integrated shellfish producer. Island Scallops is committed to environmentally sustainable production of a high quality, all-natural product.
Advanced Aquaculture Systems Inc.	Fish & Fishing	Aquaculture	FL	p	3	Since 1984, long before it became popular to be "green", Advanced Aquaculture Systems was designing and supplying recirculating landscape architectural systems. Advanced Aquaculture Systems continues to be at the forefront of innovation by offering our unique proprietary products and creative system designs to landscape architects, municipal and public agencies, contractors, engineers, businesses, universities and homeowners.

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Australis Aquaculture	Fish & Fishing	Aquaculture	MA	p	3	An award-winning provider of delicious, healthy, sustainable seafood marketed under the banner of The Better Fish® - Better Tasting, Better For You, Better For Our Environment. Our company spearheaded the introduction of Barramundi, the Sustainable Sea Bass™ in North America and has proudly seen it grow from a favorite in Australia to an international culinary trend.
Center for Cooperative Aquaculture Research	Fish & Fishing	Aquaculture	ME	p	4	Great Bay Aquaculture of Maine (GBAM) is one of the leading marine fish producers in the USA and the only commercial producer of cod. Using NOAA funding (National Marine Aquaculture Initiative), we are working with GBAM to develop farming strategies for cod in Maine. Between 2007 and 2010 GBAM have transferred over 0.25 million juvenile cod to the CCAR for nursery phase growout before transporting to the lease site in nearby Frenchman Bay. Another critical component of our R&D effort in cod aquaculture is the Atlantic cod Breeding Program, funded through the NOAA Saltonstall Kennedy Program.
Seabait Maine, LLC	Fish & Fishing	Aquaculture	ME	p	3	Seabait (Maine) LLC was formed by parent company Seabait Ltd in the UK. One of the company founders, Peter Cowin moved to Maine to establish operations here in 2001. Seabait worked with the CCAR to develop the worlds first indoor recirculating marine polychaete worm farm. The market for sandworms as fishing bait in the USA is well established but now under-supplied due to declining wild catches. There is also a worldwide market for frozen sandworms as a high value, pathogen free

						shrimp broodstock feed.
Heritage Salmon	Fish & Fishing	Aquaculture	ME	p	2	Here you will now find our fresh Chilean salmon raised in the pristine waters of southern Chile... Cupqulan brand... now a Heritage brand, along with new Heritage frozen and smoked products.
Cooke Aquaculture	Fish & Fishing	Aquaculture	NB	p	4	At Cooke, the environment is a top priority. We are committed to the long-term social, economic and environmental sustainability of the communities in which we operate and the health of the marine resource on which we depend. Through its wholly-owned subsidiaries, Cooke Aquaculture processes and sells more than 160 million pounds of Atlantic salmon, five million pounds of trout and 20 million pounds of sea bass and sea bream each year.
GreatBay Aquaculture	Fish & Fishing	Aquaculture	NH	p	4	GreatBay Aquaculture of NH produces the highest quality cultured marine fin-fish. Our mission is to be a world leader in the production of marine fish through the commercialization of technology and its application to aquaculture. GreatBay Aquaculture of NH maintains an active research and development program to improve growth rate and resistance to disease. Our hatchery technology is being used to bring high value marine species to commercial production. GBANH has incorporated

						HACCP into its production system and is committed to product safety, quality and environmental stewardship.
Equipment and Services International, LLC	Marine Engineering	Winches and Windlasses	CT	p	3	The technical knowledge and experience accumulated during years of service at New England Trawler have been put to work in this new company. ESI is located in East Greenwich, RI, at 5810 Post Rd, where it shares offices and facilities with The Ideal Windlass Co., a company that also specializes in the manufacturing of deck equipment for pleasure boats and yachts. Resources, engineering and experience are shared and put to work together, allowing us to offer a comprehensive range of quality deck machinery. These equipment includes Towing Winches, Bow/Escort Winches, Mooring Winches, Anchor Winches, Windlasses and Capstans.
Corrosion Control International	Marine Engineering	Corosion Control Systems	CT	p	2	Corrosion Control International (CCI) is recognized as an industry leader in the design, production and installation of inshore and offshore subsea and splash zone corrosion control systems. CCI developed its patented, cold applied Retrowrap® systems for retrofit protection of pilings, risers, and pipelines as an alternative to factory coatings for new underwater construction in remote areas for quick and easy installation. Engineered to be the best product on the market, Retrowrap provides

						years of worry-free protection.
Dampney Company, Inc.	Marine Engineering	Materials and Supplies	MA	p	3	Dampney Company, Inc. of Everett, Mass., has designed, developed, manufactured, and distributed engineered coating systems for specialized applications. Dampney serves the refining, petro chemical, chemical processing, oil & gas, pipeline, power, OEM, pulp & paper, and materials processing markets.
Ideal Windlass Company	Marine Engineering	Instrumentation and Equipment	RI	p	3	Our ability to build custom windlasses makes the selection and installation of windlasses easy even in the most difficult of situations. Because we fabricate our own gear boxes, we have the capability of offering a wide range of customized units. Often this makes the difference in the designing or refurbishing of a vessel.
AK Industries	Materials and Supplies	Underwater Cabling	CA	p	5	AK Industries is a small, agile, high tech manufacturer of underwater electrical connectors, splice kits and other electrical products for use underwater. We make the most rugged and reliable low cost connector in the world, period.

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The Guest Company, Inc	Materials and Supplies	Power Supplies	CT	p	4	Guest has been an expert in battery and charging technologies for over 30 years. Guest's recreational battery chargers are widely used throughout the boating industry because of their unsurpassed capacity to withstand exposure to extreme weather, rough handling and poor dockside power quality. (www.guestco.com)
Gilman Corporation	Materials and Supplies	Flotation	CT	p	3	Ionomer foam products manufactured by Gilman Corporation under the brand name Softlite® include: US Coast Guard navigational buoys, ship and dock fenders, mooring and pick-up buoys, booms and barriers for safety and security, seat pads and skier awareness products for ski areas, chemical seals--wiper tips--for tank farm floating roofs, Twist-Tite® pipe insulation, standard rolls and sheets, laminated rolls and sheets, and custom manufacturing in our purpose-built plant pictured above.
Aquatic Eco-Systems, Inc	Materials and Supplies	Aquaculture	FL	p	3	Many of the top aquatic system designers around the world started using AES' equipment and expertise to build everything from public aquariums to fish hatcheries. The company proved that it was able to serve them while keeping its commitment to less experienced customers and everyday aquatic needs. Further becoming a source for all things aquatic, AES added system design and equipment repairs to its list of services.

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Westerbeke Corp.	Materials and Supplies	Boating Electronics	MA	p	4	Manufacturer and supplier of world-class marine generators, industrial generators, marine engines and marine products for many of the world's leading yacht builders; and for seasoned boaters who demand performance and reliability from their marine engine or marine generator.
Epaint	Materials and Supplies	Boat Maintenance	MA	p	3	All ePaint products are free of copper, tributyltin, and other biocides that persist in the environment. ePaint coatings combine novel patented photo-active technology with environmentally preferred active ingredients to provide you with a safe, effective alternative to traditional bottom paints.
The Forepeak	Materials and Supplies	Boat Maintenance	MA	p	3	The Forepeak at 89 Front Street in Marblehead has marine supplies for everyone. We've got a large assortment of lines, paints and maintenance supplies. And all the nuts and bolts you need to keep a boat going. Harken fittings, Navtec rigging and hydraulic repairs, Westerbeke and Universal engines.
Flotation Technologies	Materials and Supplies	Flotation	ME	p	3	Flotation Technologies' world headquarters houses administration, sales, engineering, research, development and manufacturing departments. This state-of-the-art manufacturing facility allows Flotation Technologies to provide quick turn-around on projects of any size to exacting customer specifications. Flotation Technologies' products are built to withstand the rigors of deployment and recovery operations on offshore rigs and oceano-

						graphic vessels alike and are used in some of the most demanding conditions on earth: under the polar ice in the arctic, in the blistering heat and ultra violet rays of West Africa, on the stormy surface of the world's oceans and under crushing pressure 7,000 meters under water. Everyday the company's products are put to the test, and pass.
Paul E. Luke	Materials and Supplies	Boat Mainten-ance	ME	p	3	We are noted for our custom marine hardware including our Automatic Feathering Propellers, 3-piece Storm Anchors and our Soapstone Fireplaces - all manufactured in our on-site machine shop. We regularly help a wide variety of clients with projects requiring our technical skills and specialty equipment.
Corvus Energy*	Materials and Supplies	Power Supplies	WA	p	3	We aim for excellence in everything we do. Simply put; we are determined to be the best lithium ion battery company in the world. Our aim is to bring the technology, the reliability and the quality of lithium energy to its full potential. All of our "energy" is focused on building the best batteries. We are confident that you, our valued customers, will appreciate the passion and commitment we bring to meeting your needs. Our state of the art batteries and our full service guarantee will ensure you always choose Corvus to fulfill all of your battery needs.

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SRI International	Research	Ocean Measurement Technology Improvement	CA	np	5	SRI International is an independent, nonprofit research institute conducting client-sponsored research and development for government agencies, commercial businesses, foundations, and other organizations. We bring our innovations to the marketplace through licenses and new ventures. Since our founding in 1946 by Stanford University, SRI has been committed to discovery and to the application of science and technology for knowledge, commerce, prosperity, and peace. SRI became independent of the university in 1970, and we changed our name to SRI International in 1977.
Mid-Atlantic Regional Association Coastal Ocean Observing System	Research	Fish Assessments	DE	np	4	The Mid-Atlantic Bight (MAB) extends 1000 km alongshore, from Cape Cod, MA to Cape Hatteras, NC. It includes five major estuarine systems and a wide continental shelf cut by a deep cross-shelf valley and multiple shelf-break canyons. The footprint encompasses 10 states, the District of Columbia, and approximately 76 million people, or 25% of the US population. The nation's highest coastal population density makes increasingly competing demands for marine and coastal resources. Ports in the region handle 23% of the total U.S. waterborne commerce, and include the nation's largest petroleum product hub and the world's largest Naval base. The MAB is a dynamic boundary between cooler arctic waters and warmer tropical waters, with complex seasonal physical dynamics. These dynamics structure shellfish and migratory fish habitats that support both commercial and recreational fisheries. Developed water-

						sheds and urban estuaries, impacted by a century of industrialization and growing coastal populations, degrade coastal water quality and diminish recreational economies. Inundation driven by tropical storms and northeasters are year-round threats to the large populations that live on the broad coastal plain. While the region's electrical power grid is the most congested in the nation, the high population density, reliable winds, and wide continental shelf combine to support the nation's first offshore wind energy development projects. To further compound these challenges, climate warming is altering fish and shellfish habitats in the MAB, and new rainfall patterns with more frequent extremes are impacting homes, farms and reservoirs.
South Florida Ocean Measurement Center	Research	Environmental Research	FL	np	5	This new center was founded through a Federal-Academic partnership. A Congressional grant, along with a combination of other federal and state money is being used to construct this exciting new facility which includes an extensive natural in-water laboratory being built with the guidance of the Office of Naval Research (ONR). This comprehensive in-water installation is located off shore in Dania, just south of Ft. Lauderdale, Florida in an area with a wide variety of environmental conditions. It also includes living reefs and is located where the continental shelf break is only 3 miles from shore. Real time environmental data covering the atmosphere through the air/ocean interface and down to the sub-bottom is available, an autonomous underwater

						vehicle(AUV) docking station is permanently installed, providing the ability to operate AUVs in virtually any weather, and remarkable opportunities to examine interactions between biology and physics in the region.
Shoreline Environmental Research Facility	Research	Ocean Measurement Technology Improvement	TX	np	3	The Shoreline Environmental Research Facility (SERF) endeavors to parallel its research strategies such that they align with those of national significance. Specifically, SERF's programmatic research theme is similar to that proposed by the National Science Foundation (NSF), entitled "Collaborative Large-Scale Engineering Analysis Network for Environmental Research", or CLEANER. CLEANER is an initiative for collaborative research to support adaptive and sustainable environmental management, with the ultimate objective of facilitating a dynamic network for national and international coastal margins research and policy-making. SERF stresses sensor development, deployment, and applications for data collection (both geo-referenced fine-scale spatial surveys and fixed-point time-series), information synthesis, and analysis for integrative predictive whole coastal ecosystem modeling based on in-situ continuous, periodic, and episodic monitoring.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Schmidt Ocean Institute	Research	Ocean Measurement Technology Improvement		np	2	Schmidt Ocean Institute supports research and exploration projects that help expand the understanding of the world's oceans through technological advancements, data-rich observation and analysis, and open sharing of information. We combine advanced science with state-of-the art technology on our globally capable research vessel to create a lasting legacy in ocean exploration and research, catalyze open sharing of information about the oceans, and foster deeper understanding of our environment. We openly communicate our research findings to global audiences.
Pacific Biological Station	Research	Fisheries Research	BC	gov	5	The Pacific Biological Station is the oldest fisheries research center on the Pacific coast and forms part of a network of nine major scientific facilities operated by Fisheries and Oceans Canada. Located in Nanaimo, British Columbia, the Station is home to scientists, technicians, support staff and ships' crews whose common interests are the coastal waters of British Columbia, the Northeast Pacific Ocean, the Western Arctic and navigable waters east to the Manitoba, Saskatchewan border.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Molecular Genetics Laboratory (MGL)	Research	Marine Science	BC	gov	3	The Molecular Genetics Laboratory (MGL) provides genetics advice relating to conservation and management of fish and shellfish species in Canada. Genetic diversity within populations and genetic relationships among populations are evaluated through surveys of microsatellites, single nucleotide polymorphisms (SNPs), major histocompatibility complex (MHC) variation, and gene expression. Applications include determination of population structure and appropriate assessment and management units, identification of stock compositions in mixed-stock fisheries, forensics, evaluation of hatchery and aquaculture broodstocks, identification of prey items in marine mammal diets, determination of evolutionary relationships in teleost fish, and application of biomarkers to identify upregulation and downregulation of specific gene complexes.
The Institute of Ocean Sciences	Research	Marine Science	BC	np	3	The Institute of Ocean Sciences has earned international recognition for its work in ocean sciences. Its more than 250 scientists and researchers are dedicated to providing up-to-date information on all elements of oceanography, including fisheries and ocean research, environmental science and hydrography. They also work closely with staff at other Fisheries and Oceans' labs in BC.

Sort by: Primary Sector/State/Rank from "Most Suitable"

The Marine Invasions Research Lab (SERC)	Research	Marine Science	MD	np	3	The Marine Invasion Research Laboratory has a staff of approximately 25 biologists, who conduct research throughout the country and overseas. Since its inception 13 years ago, the laboratory has been a nationwide training center in invasion ecology for roughly 35 technicians, 4 graduate students, 5 postdoctoral researchers and 40 undergraduate summer interns.
St. Andrews Biological Station	Research	Marine Science	New Brunswick	gov	5	Over the past century, the St. Andrews Biological Station (SABS) has become recognized nationally and internationally for its contributions to marine science. The current aim of SABS is to provide the scientific basis for management of human activities, with a focus on the Bay of Fundy and Gulf of Maine and taking advantage of unique seawater facilities, under an umbrella of applied coastal ecosystem science. A large portion of our work is collaborative with universities, environmental groups, aquaculture and fishing industries, and this is facilitated by co-location with the Huntsman Marine Science Centre.
Otolith Research Laboratory	Research	Fisheries Research	NS	gov	5	To the fisheries biologist, the otolith is one of the most important tools for understanding the life of fish and fish populations. Growth rings (annuli) not unlike those of a tree record the age and growth of a fish from the date of hatch to the time of death. Daily growth rings formed in the first year of life, and visible only through a microscope, record daily age and growth patterns in surprising detail. And sophisticated chemical techniques allow the reconstruction of everything from the year of hatch, to

						migration pathways, to the temperature of the water. Indeed, virtually the entire lifetime of the fish is recorded in the otolith. For that reason, otoliths are used and studied in almost every fisheries laboratory in the world. They also make ideal class or science projects, suitable for both high school and supervised elementary school students.
Maurice Lamontagne Institute	Research	Marine Science	Quebec	gov	5	The Maurice Lamontagne Institute (MLI), located near Mont-Joli, in the province of Québec, on the shores of the St. Lawrence Estuary, is part of Fisheries and Oceans Canada's network of a dozen research centres and is one of the world's major francophone marine sciences centres. Inaugurated in 1987, the Maurice Lamontagne Institute has some 400 employees, and also welcomes post-doctorate fellows, visiting scientists and students. Many state of the art projects are carried out in collaboration with the fisheries and commercial shipping industries, as well as with universities.
Marine Ecotoxicology Research Station	Research	Ocean Conservation	TX	np	4	MERS is a field station affiliated to the Columbia Environmental Research Center (CERC), USGS. It is dedicated to conducting ecotoxicological studies for the assessment of biological effects of contaminants in marine and estuarine environments. Its mission of is to conduct research that will promote: * Proper decision-making in environmental management, leading to better preservation of marine biological resources and * Enhancement of the quality of marine biological resources, and ulti-

						mately, of human life.
Marine Mammal Research Program (Texas A&M)	Research	Marine Science	TX	np	3	The Marine Mammal Research Program acts as an umbrella under which multidisciplinary research on the behavior, ecology, taxonomy, anatomy, physiology, toxicology, parasitology, and conservation of marine mammals is organized and integrated.
Ocean Observatories Initiative	Research	Ocean Measurement Systems		np	4	The OOI, a project funded by the National Science Foundation, is planned as a networked infrastructure of science-driven sensor systems to measure the physical, chemical, geological and biological variables in the ocean and seafloor. The OOI will be one fully integrated system collecting data on coastal, regional and global scales. Greater knowledge of the ocean's interrelated systems is vital for increased understanding of their effects on biodiversity, ocean and coastal ecosystems, ecosystem health and climate change. OOI will put real time ocean observing data in the hands of a vast user community of oceanographers, scientists and researchers, educators and the public.
Monterey Bay Aquarium Research Institute	Research & Education	Marine Science	CA	np	3	MBARI's current efforts span eight research themes, including: benthic processes, midwater research, upper ocean biogeochemistry, ocean observatories, remotely operated vehicle enhancements and upgrades, new in

						situ instruments, infrastructure support, and information dissemination and outreach.
BlueTech Research	Research and Development	Water Technology	BC	p	3	BlueTech Research provides investors, water companies, researchers and regulators with critical analysis on emerging water technology market areas. We map, analyse and benchmark the water technology innovation landscape, market drivers, emerging areas of innovation, disruptive technologies, company strategies, the regulatory environment, and more. Our scientists and engineers have deep domain expertise, a unique industry perspective, and unrivalled knowledge and understanding of innovative water technologies.
The Marine Science and Technology Foundation	Research and Development	Ocean Measurement Technology Improvement	CA	np	5	The Marine Science and Technology Foundation (MSTF) is a non-profit, private operating foundation dedicated to advancing technology in oceanographic research. Vision: We cultivate deeper understanding of the marine environment through innovative platform technology, intelligent sensing, and open sharing of information.
SonaTech	Research and Development	Acoustics	CA	p	3	Sonatech is a leader in the design and development of underwater navigation and sonar equipment for the U.S. Navy and various other U.S. and foreign government, research, and military customers. The objective of Sonatech is to provide quality products that meet or exceed customer performance requirements utilizing the conti-

						nuous improvement of procedure, processes, and materials.
Ocean Sciences Research Institute	Research and Development	Marine Science	CA	np	4	The Ocean Sciences Research Institute is a tax-exempt, private, nonprofit educational and research institution, located in La Jolla, California, and focused on basic and applied research in the marine sciences and environmental policy.
Consolidated Water Co. Ltd	Research and Development	Desalination	Cayman Islands	p	4	Consolidated Water Co. Ltd. (the "Company", or "CWCO") designs, builds, operates, and in some cases finances seawater reverse osmosis (SWRO) desalination plants and water distribution systems in several Caribbean countries, where the supply of drinking water is scarce and the use of SWRO is economically feasible.
Oceanweather Inc	Research and Development	Environmental Consulting	CT	p	4	Oceanweather functions as a specialized consulting firm serving the coastal and ocean engineering communities with its unique capacity to integrate several areas of expertise into specification of definitive design data on the physical environment. Oceanweather's approach is to consistently develop and apply its high-level technology to satisfy practical requirements in the areas of marine meteorology, ocean wave and current specification, ocean engineering, and statistics of environmental data. In the past quarter century Oceanweather has performed dedicated hindcast studies and Joint Industry

						Projects (JIPs) in virtually every ocean basin in the world.
Applied Physical Sciences	Research and Development	Marine Engineering	CT	p	2	The technical staff at Applied Physical Sciences covers a wide range of experience in the physical sciences, mechanical and electrical engineering, applied mathematics, and meteorological and oceanographic systems engineering. We offer services of applied R&D, modeling and simulation, sensor and system development to government and commercial customers. Our core competencies fall within the following scientific and engineering disciplines: acoustics, hydrodynamics, electromagnetics, signal processing, manufacturing, METOC systems
Center for Aquaculture Research and Development	Research and Development	Aquaculture	FL	np	2	The mission of CARD is to develop new, innovative, and cost-effective systems and husbandry techniques to produce high-value marine and freshwater fishes and invertebrates. The goal of this research center is to advance the aquaculture industry and to support and expand stock enhancement research in Florida and worldwide. The Center is currently conducting research, development and commercial demonstration projects with a large number of marine and freshwater species. Marine research is focused on snook, red snapper, red drum, Florida pompano and hard corals. Several projects

						are underway to investigate the feasibility of growing snook and pompano in low salinity and in freshwater. New species under consideration for aquaculture research include spotted sea trout, long spined-sea urchins and sea horses. Freshwater research is focused on sturgeon aquaculture for caviar and meat production.
Evo Logics	Research and Development	Marine Engineering	Germany	p	2	EvoLogics is a Germany-based high-tech enterprise. It was founded in 2000 by a group of leading international scientists and R&D experts to develop innovative key technologies for the aerospace, maritime and offshore industries through interdisciplinary cooperation between engineering and life sciences. By combining applied research with commercialization, EvoLogics can offer the market, the most advanced technologies as they are developed at the research labs. EvoLogics engineers are also involved closely with the commercial market so as to be aware of the needs of the market while developing applications from their research.
Oceanic Institute	Research and Development	Aquaculture	HI	np	4	The Oceanic Institute is a not-for-profit, research and development organization dedicated to marine aquaculture, biotechnology, and coastal resource management. The Institute is an affiliate of Hawaii Pacific University. The Oceanic Institute is one of the three organizations that compose the Gulf of Mexico Marine Stock Enhancement Program (GMMSEP), which was created to

						plan, execute, review, and evaluate broad-based, scientific stock enhancement methods designed to augment conventional restrictive fishery management methods in use by state and federal agencies in the northern Gulf of Mexico.
Coonamessett Farm Foundation	Research and Development	Fisheries Research	MA	np	5	Coonamessett Farm Foundation is dedicated to the responsible stewardship and maintenance of the biodiversity of our planet. Our purpose is the development and transfer of appropriate technology in support of farming and fishing communities that are environmentally sound, socially equitable, economically feasible, and compatible with a sustainable future.
McClane Research Labs, Inc	Research and Development	Oceano-graphy	MA	p	4	Provides advanced time-series samplers and engineering design services to the international oceanographic community. Our product lines include a range of biogeochemical/physical oceanography sampling and profiling instruments for use in oceanographic research and environmental monitoring. The objective of McLane Research Laboratories is to enable worldwide investigators to achieve their research and scientific goals by providing advanced, cost-effective instrumentation. Through our long-term research and development programs and our long association with diverse researchers and projects, McLane has established a significant base of knowledge and proven technology in support of our objective.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Webb Research (Teledyne)	Research and Development	AUV	MA	p	4	Based on a long record of innovative success in ocean engineering, Webb Research personnel work cooperatively with clients to solve oceanographic problems and bring reliable data home to their laboratories. The 6000th Webb APEX float shipped in early 2010. Two thirds of the floats deployed for the worldwide Argo program, the largest oceanographic experiment ever undertaken, are APEXES. March 2010 also brought shipment of the 168th autonomous Slocum glider. A Slocum glider made history in December 2009 when it became the first autonomous vehicle to cross the Atlantic ocean, completing a journey from New Jersey to the coast of Baiona, Spain. Another first for Slocums includes the first thermal glider, launched in December 2007, to harvest heat from the ocean as its energy source. In addition, Webb sound sources anchor data collection for many ocean science programs.
Cape Aquaculture Technologies, Inc.	Research and Development	Aquaculture	MA	p	4	CAT is developing new products such as vaccines and food supplements to produce faster growing and more disease-resistant finfish. The company has established a Narragansett facility to work more closely with scientists at the University of Rhode Island.
Manomet	Research and Development	Ocean Conservation	MA	np	3	Manomet's mission is to conserve natural resources for the benefit of wildlife and human populations. Through research and collaboration, Manomet builds science-based, cooperative solutions to environmental problems.

Sort by: Primary Sector/State/Rank from "Most Suitable"

The Woods Hole Group, Inc.	Research and Development	Marine Science	MA	p	3	Woods Hole Group is an international environmental, scientific, and engineering consulting organization headquartered in Falmouth, Massachusetts. We are committed to meeting our clients' objectives and at the same time safeguarding the environmental health of our planet. This requires a fundamental understanding of the laws of Nature and a willingness – and ability – to challenge long-accepted notions of what can and cannot be done.
Laboratory for Autonomous Marine Sensing Systems (MIT)	Research and Development	Ocean Measurements	MA	p	2	The MIT Laboratory for Autonomous Marine Sensing in the Department of Mechanical Engineering is specializing in the development of new distributed ocean sensing concepts for oceanographic science, national defense and coastal management and protection. It continues two decades of multi-disciplinary research and development into such systems by Department of Ocean Engineering, and the MIT Sea Grant AUV Laboratory.
Woods Hole Marine Systems Inc (Nobska Assoc)	Research and Development	AUV	MA	p	1	WHMSI is an oceanographic engineering service company. We specialize in the development and deployment of unmanned, teleoperated underwater vehicles and associated equipment.
AquaBounty	Research and Development	Aquaculture	MA	p	1	Our mission is to play a significant part in "The Blue Revolution" – bringing together biological sciences and molecular technology to enable an aquaculture industry capable of large-scale, efficient, and environmentally sustainable production of high quality seafood. Increased growth rates, enhanced resistance to disease,

						better food-conversion rates, manageable breeding cycles, and more efficient use of aquatic production systems are all important components of a sustainable aquaculture industry of the future.
Alpine Ocean Seismic Survey	Research and Development	Ocean Measurement Technology Improvement	NJ		3	The goal of the researchers who founded the company was to provide public and private institutions with the latest technologies developed within the university system.
Bedford Institute of Oceanography	Research and Development	Security	NS	gov	3	BIO is a modern oceanographic research facility, established in 1962 by the Federal Government of Canada (the former Department of Mines and Technical Surveys, now Natural Resources Canada) and is located on the shores of the Bedford Basin in Dartmouth, Nova Scotia. Over the last 50 years it has grown to become Canada's largest centre for ocean research. The Institute performs targeted research, mandated by the Canadian government, to provide 'peer' reviewed advice and support to government decision making on a broad range of ocean issues, including sovereignty, safety and security, environmental protection, the health of the oceans, safe and accessible waterways, the sustainable use of natural resources (fisheries, minerals, oil & gas) and the integrated

						management large ocean management areas.
Poseidon Sciences	Research and Development	Marine Science	NY	p	4	Poseidon has three areas of major interest: (1) Solutions to environmental and commercial technologies adversely affecting our oceanic environment; (2) Innovations in the artificial culture of marine and freshwater organisms of economic importance; and (3) the development of natural compounds for use in medical treatments. The first has led to the development of a novel concept that prevents the attachment of barnacles, accomplished through the use of environmentally friendly biochemicals instead of deadly man-made toxins that are now slowly killing our oceans. The second has led us to ways of producing marine food organisms that reduce the harvesting pressures on natural populations. The third has resulted in the discovery of compounds for skin diseases, diabetes and malaria control.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Pyrcon	Research and Development	Acoustics	RI	p	3	Pyrcon, LLC is a 3-year-old start-up spun off the University of Rhode Island. Pyrcon is developing a forward-looking sonar that can detect the presence of underwater obstacles out to 2 nautical miles. The sonar will be wet-installable on the bow of large commercial vessels. This multi-beam phase-array sonar can provide a map of bottom depth that could be useful for navigating in risky harbors. SOCP members are currently looking at evaluating this new technology on their vessels to reduce the risk of coming in contact with underwater obstacles. 'Underwater avoidance sonar systems.
Marine Sciences Laboratory (Battelle)	Research and Development	Marine Science	WA	gov	3	Building upon a history of research related to marine and coastal resources, environmental chemistry, water resources modeling, ecotoxicology and biotechnology—and more recently, national and homeland security,
Pew Environmental Group	Research and Development	Fisheries Research		np	3	The cornerstone of our marine program has always been to encourage the sustainable management of fisheries. To accomplish this goal, we focus primarily on influencing fisheries policy and related management decisions in ways that halt overfishing; significantly reduce the incidental catch and killing of fish and other marine life; prevent the destruction of marine habitat; and encourage an ecosystem-based approach to fisheries management. For two decades, the Pew Environment Group has been dedicated to the dual issues of energy supply and demand, as well as climate change. As one of the first organizations to recognize the need to address these issues, Pew has advocated for the adoption of policies to

						increase energy efficiency, encourage the deployment of renewable forms of energy and reduce greenhouse gas emissions.
Dauphin Island Sea Lab	Research and Education	Marine Science	AL	np	5	As a marine laboratory the DISL's mission encompasses marine science education, marine science research, coastal zone management policy and educating the general public through the Estuarium, DISL's public aquarium. Founded in 1971 by the State Legislature, the Dauphin Island Sea Lab (DISL) is Alabama's marine science education and research laboratory. Located on the eastern tip of Dauphin Island, a barrier island in the Gulf of Mexico, the DISL is surrounded by Mobile Bay, Mississippi Sound and the waters of the Gulf, making it perfectly situated for a wide range of marine science activity.
Center for Aquaculture and Environmental Research	Research and Education	Aquaculture	BC	gov	3	The Center for Aquaculture & Environmental Research (CAER) is a specialized centre for aquaculture and coastal research co-founded by Fisheries and Oceans Canada and the University of British Columbia. CAER conducts focused research programs that integrate ecosystem and conservation with sustainable aquaculture practices for growing aquatic species of global importance. Recognized internationally as a centre dedicated to innova-

						tive research and education in aquaculture and the marine environment, the six-hectare site offers a unique opportunity for experimental research on fish rearing and indoor-outdoor aquaria.
Hubbs-Sea World Reseach Institute	Research and Education	Ocean Conservation	CA	np	3	Hubbs-SeaWorld Research Institute is a public, non-profit charity dedicated to providing effective solutions to conflicts that arise between human activity and the natural world. Hubbs-SeaWorld scientists apply sophisticated technologies to seek the solutions that protect and conserve marine animals while benefiting humans and their reliance on marine resources.
Center for Dark Energy Biosphere Investigations	Research and Education	Marine Science	CA	np	3	National Science Foundation (NSF)-funded Science and Technology Center on the deep subseafloor biosphere. Our mission is to explore life beneath the seafloor and make transformative discoveries that advance science, benefit society, and inspire people of all ages and origins. We are a multi-institutional distributed center establishing the intellectual, educational, technological, cyber-infrastructural and collaborative framework needed for transformative experimental and exploratory research on the subseafloor biosphere

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Moss Landing Marine Laboratories	Research and Education	Marine Science	CA	np	3	An outfitted Marine Operations department, strong research diving program and state of the art equipment allow for cutting edge research in a wide variety of disciplines including: marine ecology, the biology of marine plants, invertebrates, fishes, turtles, birds and mammals, oceanography, and marine geology, chemistry, and biogeochemistry. MLML is known for a hands-on, field-oriented approach, which places our students, faculty, researchers and staff at the frontiers of marine science worldwide where discoveries are being made.
SoundWaters	Research and Education	Ocean Conservation	CT	np	2	The mission of SoundWaters is to educate children and adults about the wonders and beauty of Long Island Sound and its watershed. Through education, SoundWaters provides people with an understanding and awareness of the changes they can make in their lives and communities to restore, protect and preserve Long Island Sound and the Environment.
Florida Institute of Oceanography	Research and Education	Oceanogragraphy	FL	np	4	For more than four decades, the Florida Institute of Oceanography has unified marine science interests across Florida in the cause of understanding and stewardship of the coastal oceans. Now entering its 45th year, FIO is taking a leading national role in the scientific assessment of the impact of the Deepwater Horizon Oil Spill in the Gulf of Mexico.

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Harbor Branch Oceanographic Institute	Research and Education	Marine Science	FL	p	4	Protect and wisely use the oceans' resources has shaped the work at Harbor Branch Oceanographic Institute. Today, articulated as Ocean Science for a Better World®, this same vision drives more than 160 Harbor Branch scientists, engineers and support staff to be leaders in ocean-related innovation, exploration, research, education and conservation. Also has an aquaculture team that works on new ways to farm seafood.
Keys Marine Lab	Research and Education	Marine Science	FL	np	4	The Keys Marine Laboratory is a full-service marine lab situated in the heart of the Florida Keys island chain at mile marker 68.5. The facility offers a unique opportunity for college level education and researchers studying the only tropical marine ecosystems in the continental United States. The laboratory includes flow-through seawater systems, housing, laboratories, classroom/meeting rooms, boat fleet, and diving support facilities. An ideal location with easy access to Florida Bay, the Everglades National Park, the Florida Current, and the Florida Keys National Marine Sanctuary, KML offers an excellent base of operations for your next field excursion.
Mote Marine Laboratory	Research and Education	Marine Science	FL	np	4	Mote is dedicated to today's research for tomorrow's oceans with an emphasis on world-class research relevant to conservation and sustainable use of marine biodiversity, healthy habitats and natural resources

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Smithsonian Marine Station at Fort Pierce	Research and Education	Marine Science	FL	np	4	The overall mission of the Smithsonian Marine Station at Fort Pierce is support and conduct of scholarly research in the marine sciences, including collection, documentation and preservation of south Florida's marine biodiversity and ecosystems, as well as education, training, and public service. Specific research emphases are:
The Whitney Laboratory for Marine Bioscience	Research and Education	Marine Science	FL	np	3	The Whitney Laboratory for Marine Bioscience is a research institute of the University of Florida. The Lab's mission is to use marine organisms in basic biological research, and to apply, where possible, the environment; to train future experimental biologists; and to contribute to public education and to the formulations of the policy in basic research and marine science.
Center for Fisheries Enhancement	Research and Education	Fisheries Research	FL	np	2	The mission of the Center for Fisheries Enhancement is to substantially increase the knowledge of how to preserve and enhance coastal fish and invertebrate populations. We aspire to become a center that is widely recognized as a world leader in the fields of fisheries ecology, marine fisheries enhancement and fisheries management strategies through achievements in innovative and high-quality research and training, and by promoting sustainable fishing practices. The Center for Fisheries Enhancement was created in 1996, under the name "Fisheries and Aquaculture Research Section". The name was changed to the Center for Fisheries Enhancement in 1998. Mote Marine Laboratory was established in 1955 as the Cape Haze Marine Laboratory, under the direction of Dr. Eugenie Clark. The history of the lab from 1955

						through 2008 was published by the journal Gulf of Mexico Science and is available at http://www.mote.org/clientuploads/Documents/MoteMarineLaboratory.pdf
The Coastal Education and Research Foundation	Research and Education	Environmental Management	FL	np	2	The Coastal Education and Research Foundation [CERF] is a nonprofit corporation dedicated to the advancement of the coastal sciences. The Foundation is devoted to the multi-disciplinary study of the complex problems of the coastal zone. The purpose of CERF is to help translate and interpret coastal issues for the public and to assist professional research and public information programs.The Foundation specifically supports and encourages field and laboratory studies on a local, national, and international basis. Through the medium of scientific publications, television, and radio, CERF brings accurate information to the public and coastal specialists on all aspects of coastal issues in an effort to maintain or improve the quality of shoreline resources. Because CERF is concerned with broad environmental issues, its efforts concentrate on significant problems such as maintenance of good quality (potable) water with adequate supply, and hazards associated with potential beach erosion, flooding, and susceptibility of developed

						shorelines to storm surge and wave attack. By focusing attention on these potential man-made and natural hazards, it is hoped that CERF's research efforts will help others improve the quality of life in diverse coastal areas. CERF thus aims to stimulate awareness of coastal (marine and fresh-water shorelines) land and water problems; initiate and foster research and innovation to promote long-term coastal productivity; establish an educational forum for the debate of contentious coastal issues; and develop new principles and approaches for enlightened coastal management, and encourage their adoption and use.
Skidaway Institute of Oceanography	Research and Education	Oceano-graphy	GA	np	4	Multidisciplinary research institution within the University System, is located on a 700 acre campus on Skidaway Island, 16 miles southeast of Savannah. The Institute sits on the banks of the Skidaway River, with access to a diverse range of estuarine and coastal habitats. Its remote pristine location, convenient to coastal and ocean waters, guarantees a constant influx of visiting scientists and students seeking access to state-of-the-art research facilities, accessible research locations, and opportunities for collaboration with Skidaway Institute's interdisciplinary and internationally-recognized research faculty.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Oceanic Research Group, Inc	Research and Education	Ocean Conserva-tion	MA	np	4	Oceanic Research Group, Inc. is a non-profit 501(c)(3) organization dedicated to the conservation of the world's oceans and marine life through education.
The Provincetown Center for Coastal Studies	Research and Education	Marine Science	MA	np	2	The Provincetown Center for Coastal Studies sits at the end of the land and the beginning of the sea. Our van-tage point, at the tip of Cape Cod, allows us to work in the midst of an extraordinary ecosystem where all things converge. It is the place where the temperate zone and the sub-boreal zone meet, where the sandy shore knows its northernmost reach and the rocky shore is about to begin. The explosion of upwelling nutrients just offshore and the convergence of many habitats means an explo-sion of wildlife as well, a home to feed and breed for shorebirds and turtles, whales and dolphins, seals and ground fish, sponges and periwinkles, sea urchins and sand dollars.
Woods Hole Ocea-nographic Institution	Research and Education	Marine Science	MA	np	2	WHOI scientists and engineers combine access to specia-lized tools, ships, labs, and underwater vehicles with hard-won knowledge of how to explore the ocean to create a detailed understanding of the global ocean sys-tem. WHOI also fosters a long-standing commitment to education and outreach that help ensure the future of ocean research.

Sort by: Primary Sector/State/Rank from "Most Suitable"

The National Centers for Coastal Ocean Science	Research and Education	Marine Science	MD	p	5	NCCOS's mission is to provide coastal managers with scientific information and tools needed to balance society's environmental, social, and economic goals.
Smithsonian Environmental Research Center	Research and Education	Marine Science	MD	np	4	The Smithsonian Environmental Research Center (SERC) leads the Nation in research on linkages of land and water ecosystems in the coastal zone and provides society with knowledge to meet critical environmental challenges in the 21st century.
Bigelow Laboratory for Ocean Sciences	Research and Education	Marine Science	ME	np	3	Bigelow Laboratory for Ocean Sciences seeks to understand key processes driving global ocean ecosystems, their evolution, and their fundamental relationship to life on Earth. The Laboratory's research ranges from microbial oceanography — examining biological productivity and phytoplankton community dynamics in the world's oceans at the molecular level — to the large-scale biogeochemical processes that drive interactions between ocean ecosystems and global environmental conditions.
Gulf of Maine Research Institute (GMRI)	Research and Education	Marine Science	ME	np	2	The Gulf of Maine Research Institute is a non-profit marine science center located in Portland, Maine. Our work strengthens five essential elements that define an enduring relationship with the ocean: Healthy Ecosystem Sustainable Industries Vibrant Communities Abundant Opportunities Inspired Children

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Huntsman Marine Science Centre	Research and Education	Marine Science	New Brunswick	np	4	The Huntsman Marine Science Centre is a private, not-for-profit research and education facility whose mission is inspiring stewardship through the engagement of the Community in the discovery of the Oceans; the design and delivery of inspirational educational experiences and the advancement of marine sciences through collaborative research and the development of innovative technical solutions for our public and private sector partners.
Autonomous Undersea Systems Institute	Research and Education	AUV	NH	np	3	The Autonomous Undersea Systems Institute (AUSI), formerly the Marine Systems Engineering Laboratory (MSEL), is a not-for-profit research institute focused on promoting commercial applications of Autonomous Underwater Vehicles (AUVs), platforms and sensors.
Institute of Marine and Coastal Sciences (Rutgers)	Research and Education	Marine Science	NJ	np	3	The Institute of Marine and Coastal Sciences (IMCS) is a world-class oceanographic research institute dedicated to discovering and communicating exciting and critical science about our planet for the benefit of society. Our philosophy emphasizes the importance of understanding the processes that govern change and sustainability in the world's oceans to best use and protect our vital marine and coastal resources. Today, the institute remains true to the unique vision of Dr. Fred Grassle, whose founding principles established a tradition of pioneering research through integrative, inter-disciplinary approaches to ocean science, education and public service.

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The Ocean Sciences Centre	Research and Education	Marine Science	NL	np	4	The Ocean Sciences Centre is a cold ocean research facility operated in conjunction with Memorial University of Newfoundland. Located in Logy Bay, NL, the Centre houses laboratories where research is conducted on the North Atlantic fishery, aquaculture, oceanography, ecology, behaviour and physiology. Research is conducted on organisms ranging from bacteria to seals.
URI Graduate School of Oceanography	Research and Education	Oceano-graphy	RI	np	4	For five decades, studies of the ocean and marine environments have been a central focus of research and teaching at the University of Rhode Island Graduate School of Oceanography (GSO). Located on the water's edge at the University's Narragansett Bay Campus, GSO is an internationally respected oceanographic institution with a longstanding seagoing tradition. Founded in 1936 as the URI Narragansett Marine Laboratory, and reorganized as the Graduate School of Oceanography in 1961, GSO is the state's center for marine studies and cutting-edge research and outreach. GSO was founded as an institution without rigid boundaries between oceanographic sub-disciplines of biological, chemical, geological, and physical oceanography as well as archaeological oceanography and atmospheric chemistry. The result is a collegial school - an ideal setting for students, faculty and staff to collaboratively address the science questions and challenges of today.

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The Laboratory for Oceanographic and Environmental Research	Research and Education	Marine Science	TX	np	3	The Laboratory for Oceanographic and Environmental Research (LOER) was organized in 1989 at the Fort Crockett Campus of Texas A & M University in Galveston as a research arm of the Department of Marine Science. The primary mission of LOER is to provide state of the art common access analytical facilities and support for coordinated interdisciplinary research efforts in environmental and biogeochemical studies. Numerous research scientists, postdoctoral investigators, graduate and undergraduate students, and staff interested in marine and aquatic environmental research also use LOER facilities. LOER maintains a close affiliation with and receives support from the Coastal Zone Laboratory and the Texas Institute of Oceanography.
Virginia Institute of Marine Science	Research and Education	Marine Science	VA	P	4	The Virginia Institute of Marine Science (VIMS) has a three-part mission of research, education, and advisory service. Our over-arching goals are to make seminal advances in understanding marine systems through research and discovery. Translate research findings into practical solutions to complex issues of societal importance, and provide new generations of researchers, educators, problem solvers, and managers with a marine-science education of unsurpassed quality. Also working on a seagrass program, aquaculture research, and offers sustainable seafood recipes.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Virginia Aquaculture Association	Research and Education	Aquaculture	VA	P	2	Advocate just and proper laws and regulations that may be necessary for the advancement, promotion, expansion, and well-being of the aquaculture and mariculture businesses in Virginia. Conduct and support activities to assist in the development of these businesses in Virginia, including workshops and farm tours. Pave the way for the future of aquaculture by supporting youth aquaculture initiatives. Compile and communicate research needsof the industry to Virginia's aquaculture research institutions. Promote the products and services of members; And, promote public education
World Resources Institute	Research and Education	Ocean Conservation		np	5	An environmental think tank working to move human society to live in ways that protect Earth's environment and its capacity to provide for the needs and aspirations of current and future generations. WRI provides objective information and practical proposals for policy and institutional change that will foster environmentally sound, socially equitable development for.
Oceana	Research and Education	Ocean Conservation		np	3	The largest international organization focused solely on ocean conservation. Offices in North America, South America and Europe work together on a limited number of strategic, directed campaigns to achieve measurable outcomes that will help return our oceans to former levels of abundance. They believe in the importance of science in identifying problems and solutions. Scientists work closely with teams of economists, lawyers and advocates to achieve tangible results for the oceans. Clos-

						est regional office is in NY.
Canadian Groundfish Research and Conservation Society	Research and Education	Fisheries Research		p	3	The CGRCS works cooperatively and in partnership with Department of Fisheries and Oceans scientists and managers on research activities and operational programs in support of a healthy and well-managed fishery. The Department of Fisheries and Oceans and the Groundfish trawl industry pioneered the accountability process through the development of the 100% dockside monitoring and at-sea observer programs. The dockside-monitoring program was created in 1994 to accurately account for landed catch. The at-sea observer program was created in 1996 to monitor stock specific species catches and releases and collect biological samples and scientific information that assist scientists in assessing the health of Groundfish stocks.
Regional Technology Development Corp.	Sercvices	Technology Incubator	MA	np	4	The Regional Technology Development Corporation (RTDC), located in Woods Hole, Massachusetts, is a not-for-profit "virtual incubator" with the mission to facilitate technology transfer and technology commercialization from affiliated local research institutions. Offers a variety of services for new, emerging companies.

Sort by: Primary Sector/State/Rank from "Most Suitable"

SIDUS Solutions Inc.	Services	Security	CA	p	5	We are ready for the deep, for very remote areas, for highly hazardous locations and for extreme conditions. SIDUS is ready to deliver the capability to observe your target as if you were right there, regardless of the elements! For outstanding security, safety, asset and facility management, we've put eyes exactly where you need them.
BMT Scientific Marine Services	Services	Ocean Measurement Systems	CA	p	4	BMT Scientific Marine Services Inc provides integrity and structural monitoring, performance prediction and verification for all types of marine and offshore floating platforms that must operate above and below the waterline. Our dedicated and experienced personnel are committed to quality systems and timely service. We strive to provide technology that is fit for purpose, recognizing that our overarching objective is progress without unnecessary risk.
OceanResearchGroup, Inc.	Services	Commercial Diving	CA	p	3	OceanResearchGroup is solution based company dedicated to training technical divers to explore the worlds oceans. ceanResearchGroup is made up of divers, instructors and people who are curious about our marine environment. We live in stewardship of the oceans by preservation, conservation and documentation. As we develop as better divers we will seek new challenges while refining our skills to have safe practices and procedures.

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L-3 MariPro	Services	Marine Engineering	CA	p	2	L-3 MariPro is an ISO 9001:2000 certified company located near Santa Barbara, California. With nearly five decades of experience, we specialize in providing undersea sensor networks and spread spectrum through water communication solutions. We are a system concept-through-operations company with extensive experience in responding to demanding customer requirements. We have adopted a disciplined systems engineering approach to our overall design process that includes: high level system trades, detailed reliability and availability analysis, active risk trades, and modeling of critical powering, fiber optic transmission, electrical, mechanical, and marine installation parameters. In addition, validation and/or monitoring of key system performance parameters are performed throughout the entire design, build and marine installation process.
Charles R. Weber Company, Inc.	Services	Ship Brokerage	CT	p	5	Charles R. Weber Company, Inc. is one of the oldest and largest ship brokerage firms in the United States. Established in 1940, the company is an independent full-service shipbroker and marine consultant. With a long and well respected history in the ship brokerage industry to draw on we are constantly striving to better serve our marine clients and ensure that we are at the forefront of the ever changing global seaborne transportation industry.

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Macsea Ltd.	Services	Boat Maintenance	CT	p	5	We offer health monitoring solutions to ensure your ship's machinery plant and hull are operating at top efficiency. Our products, services, and expertise makes Condition-Based Maintenance implementation a turnkey operation for our customers. With the benefit of over 40 shipboard installations behind us, our unique experience helps clients avoid equipment breakdowns, extend overhauls, and reduce maintenance and operating costs. This translates into increased profits, improved machinery reliability, and maximum mission readiness.
Hypack Inc	Services	Software and Systems Design	CT	p	4	HYPACK, Inc. developed a Windows based software for the Hydrographic and Dredging Industry. Founded in 1984, HYPACK, INC (formerly Coastal Oceanographics, inc.) has evolved from a small hydrographic consultant to one of the most successfull providers of hydrographic and navigation software worldwide. HYPACK(R) is one of the most widely used hydrographic survveying packages in the world, with more than 4.000 users. It provides the Surveyor with all the tools needed to design their survey, collect data, process it, reduce it, and generate final products. Whether you are collecting hydrographic survey data or environmental data, or just positioning your vessel in an engineering project, HYPACK(R) provides the tools needed to complete your job. wiht users spanning the range from small vessel with just a GPS and single beam echosounder to large survey ships with networked sensors and systems, HYPACK(R) gives you the power needed to com-

						plete your task in a system your surveyors can master.
Molchan Marine Sciences	Services	Security	CT	p	4	Molchan Marine Sciences (MMS) is a multi-disciplinary small business enterprise supporting the development and execution of projects in Ship, Port and Offshore Energy Security, Marine Transportation Safety, Diving and Underwater Operations as well as Marine Education.
Five Star Rockwater	Services	Marine Engineering	CT	p	4	The Rockwater Team has been developing and marketing integrated systems and products designed for the rehabilitation and stabilization of Marine Facilities and Underwater Structures for over 25 years. Our products were designed and field-tested by Rockwater personnel who are experienced commercial divers and engineers. Rockwater is well aware of the importance of ease of installation, increased productivity and product consistency. We have a proven track record of Quality Control and Customer Satisfaction.

Sort by: Primary Sector/State/Rank from "Most Suitable"

JMS	Services	Ship Building and Design	CT	p	3	A specialty maritime engineering firm with expertise in naval architecture, marine engineering, shipboard operations, salvage engineering and marine science. JMS has a broad client base representing all aspects of the marine industry including tug and barge operators, shipyards, marine science institutes, military vessels, passenger vessel operators, historic ship museums and even pleasure craft owners of power and sailing yachts.
Ocean Surveys, Inc.	Services	Marine Surveying	CT	p	3	Ocean Surveys, Inc. (OSI) was founded in 1965 to provide industry and government with the technical expertise to acquire and interpret scientific data from both marine and freshwater environments.Company capabilities include hydrographic, oceanographic and limnologic, geophysical and geotechnical (sediment sampling) survey services.
Ecm Maritime Services, Headquaters	Services	Boat Maintenance	CT	p	3	ECM Maritime is one of the world's leading authorities in maritime regulatory consulting, compliance, emergency preparedness, security, environmental and response management services. We offer a wide range of services that ensure our clients' vessels exceed the standards of the maritime industry, in order to minimize delays, fines and pollution incidents.

Sort by: Primary Sector/State/Rank from "Most Suitable"

JBF Environmental Technology	Services	Ocean Conserva-tion	CT	p	4	In 1969, JBF developed a patented method for physically removing oil and other floating material from the surface of water. The United States Environmental Protection Agency purchased the first operational Dynamic Inclined Plane (DIP) oil skimmer for the U.S. Naval Facilities Engineering Command in 1970.The success of JBF skimming systems lies with the extremely high performance of the JBF Dynamic Inclined Plane oil recovery system in a wide range of oil types and wide range of operating conditions. The key feature of the JBF DIP skimmer is it's ability to collect and separate the oil in a single operation. The high performance of the DIP skimmer is maintained in thick oil slicks and in sheens. The ability of the JBF DIP skimmer to collect oil at speeds up to 5 knots enables the spill clean up time to be dramatically reduced. The proven JBF DIP skimming system has been thoroughly tested both in the field and in test tanks. The design of the JBF DIP oil recovery system, whether in an integrated Oil Recovery Vessel or an "over-the-side" VOSS system, allows for easy and safe deployment. The DIP skimming systems also incorporate debris removal and handling systems to allow operation in non-ideal conditions. The JBF Oil Spill Recovery Vessels can function as multi-purpose vessels, with addition of fire fighting equipment, dispersant systems, boom storage, command control and towing capabilities.

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Florida Ocean Alliance	Services	Environmental Management	FL	np	5	The Florida Ocean Alliance is a nonpartisan organization dedicated to bringing together government, academic and private sectors in Florida to protect and enhance Florida's coastal and ocean resources for continued social and economic benefits. Their main activities involve: - Serving as a clearinghouse for information on key ocean and coastal issues facing the state in both the public and private sectors; - Monitor and publicize actions related to the oceans and coasts.
American Vibracore Services	Services	Geophysical	FL	p	4	Vibracore Sampling is a modern methodology for retrieving undisturbed segments of marine core environments to evaluate sub-bottom sediments. This method is particularly useful in providing direct sample validation of sub-bottom and seismic profiling efforts. These samples are beneficial to environmental and geotechnical projects including sand resource evaluation related to beach restoration, beach renourishment, stratigraphic research and pre-dredge studies.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Roffer's Ocean Fishing Forecasting Service, Inc. (ROFFS™)	Services	Fish Assessments	FL	p	4	Roffer's Ocean Fishing Forecasting Service, Inc. (ROFFS™) is a scientific consulting company based in Miami and West Melbourne, Florida (U.S.A.) that is involved with fisheries oceanography, environmental science, and satellite remote sensing. All of our operational fish forecasting products are designed to allow fishing vessels to concentrate their fishing effort in the most productive waters to increase operational efficiency. The analyses incorporate numerous factors including water temperature, water color, orientation of local currents, history of ocean fronts, bottom topography, biological quality of the water (chlorophyll, plankton, colored dissolved organic matter, etc.), forage preference of the target species, availability of forage, as well as, habitat preference of the forage and target species.
Coastal Planning & Engineering, Inc	Services	Environmental Consulting	FL	p	4	Coastal Planning & Engineering, Inc. (CPE) specializes in comprehensive coastal management using a regional perspective to design sustainable and economically feasible projects. We guide our clients through the permitting process based on a thorough understanding of current regulations and environmental resource concerns as well as relationships with the regulatory agencies built on years of professional respect. We pride ourselves on delivering technologically advanced products that often exceed industry standards and providing data in a published GIS for the ongoing use of our clients and the regulatory agencies.

Sort by: Primary Sector/State/Rank from "Most Suitable"

JHT Inc.	Services	Environ-mental Consulting	FL	p	4	HT Inc. offers value-driven service support with highly qualified personnel for professional, technical, managerial, and administrative requirements in the environmental and marine science service areas. We understand your science-oritented culture and devote extensive care in selecting the right personnel to fulfill your mission: Coastal Observations, Outreach and Management, Marine Biotoxin and Ecotoxicology Research, Coastal Ecological Assessments, Habitat Conservation and Restoration, GIS Mapping and Spatial Analyses, Marine Mammal Research and Conservation, Field Investigations, Program Management and Administrative Support, Estuarine Reserves, Land Acquisition and Coastal Strategy Programs
Ocean Specialists Inc.	Services	Consulting	FL	p	4	Specialize in the Ocean Industry by applying Science, Information, and Technology in support of the Offshore, Coastal and Underwater markets around the world. Achieve excellence by attracting top individuals in their fields, then create incentives and provide support for those individuals to reach their full potential.
Weatherflow	Services	Weather	FL	p	3	With considerable scientific, academic, and operational experience, WeatherFlow team members have collaborated with academic, government, and industry researchers on topics covering a wide range of the atmospheric and oceanographic sciences.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Ocean Technology Group (University of Miami)	Services	Ocean Measurement Systems	FL	p	2	The Ocean Technology Group provides technical and personnel support for sea-going experiments locally, nationally, and around the globe.
Bottom Line Echo	Services	Fisheries Related Marine Surveying	GA	p	3	Bottom Line Echo specializes in hydrographic and condition surveys of water bottoms and focuses on providing fast, accurate, professional hydrographic survey information to assist in the logistics of safely berthing vessels and protecting our environment.
Hydrovision Inc.	Services	Environmental Consulting	GA	p	3	HydroVision, Inc. is an environmental consulting company with extensive experience and unique capabilities in the field of hydrogeology, geology, environmental engineering, environmental science, and Oracle support. HydroVision is dedicated to applying state-of-the-art knowledge of hydrogeology to the often complex environmental problems facing the nation and our planet today.
Ichthys Marine Ecological Consulting	Services	Fisheries Related Environmental Consulting	Hawaii	p	2	Ichthys Marine Ecological Consulting provides marine environmental and fisheries consultancy services. We believe that effective and lasting marine management requires working in collaboration with end-users to achieve agreed objectives. Our scientific evidence-based advice, backed by years of experience and plain, common sense, helps make this happen.

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Environmental Protection Industries	Services	Environmental Consulting	IL	p	4	Environmental Protection Industries (EPI) is a full service environmental consulting and remediation firm. EPI provides environmental services to a full spectrum of clients in Illinois, Wisconsin, Indiana, Michigan, Ohio, and Iowa. We supply consulting services for a select group of clients on a national scale. EPI specializes in Environmental Site Assessment/Site Characterization and Risk Assessment for managing environmental liabilities and risk exposure, establishing risk-based remediation objectives, and use in the design and implementation of site remediation. EPI's services are geared toward cost effective, comprehensive solutions for public and private sector clients to reduce or eliminate environmental liabilities. EPI manages hundreds of projects annually.
FloDesign	Services	Technology Incubator	MA	p	5	Whether you are starting with a small R&D contract for a little amount of money or you've already got a product in the market, FloDesign can help commercialize your technology in exciting and innovative ways. We specialize in prototype development, building proofs of concept, getting the product to work, and making it usable and marketable. We help solid technologies become commercialized for a variety of market segments including consumer and government markets.

Childs Engineering Corp.	Services	Marine Engineer-ing	MA	p	5	Childs Engineering Corporation specializes in waterfront engineering. The services that we provide are focused on projects that are in, on, or near the water. We have built our reputation on providing personal services that result in creative, practical, and efficient solutions to our clients' engineering problems on the waterfront.
Massachusetts Ma-rine Fisheries Insti-tute	Services	Fish As-sessments	MA	p	5	The Massachusetts Marine Fisheries Institute (MFI) serves as a national model for consolidating and focusing regional assets and expertise to tackle vital marine fishe-ries questions. Through a cooperative partnership with the Massachusetts Division of Marine Fisheries and the Department of Fisheries Oceanography at the University of Massachusetts Dartmouth School for Marine Science and Technology, the MFI enhances the state's ability to positively affect marine fisheries management in the state and throughout the Northeast.
Ryan Marine, Inc	Services	Chartering	MA	p	5	Ryan Marine Inc. was established in 1998 as a versatile marine and charter service company that can accommo-date commercial applications along the eastern sea-board of the US. We continually add new equipment and personnel to meet the needs of the marine and science industries. Specialized in coastal research, dive tending, recovery & deployment of equipment, towing & salvage, crew movement, construction support, site & project management.
Vast Explorer, Inc	Services	Chartering	MA	p	5	VAST Explorer is a 70 ft. aluminum hull research vessel. It has twin screw 750 hp. Diesels. It accommodates up to

						nine people in comfort. It is equipped with a 1200 kilo crane, a Hyab knuckle crane, full stern ramp, two labs, an onboard ROV; plus side-scan and DGPS. The vessel is available for oceanographic studies, cable and pipeline route surveys, ROV surveys, and underwater archeological survey and recovery.
Lombardo Associates, Inc.	Services	Wastewater Treatment	MA	p	4	LAI provides a wide range of services, including engineering feasibility studies, traditional engineering services of planning, design and construction engineering, and the turnkey services of designing, building, owning/financing, and operating wastewater and water facilities. Among our areas of nationally recognized expertise are the planning and implementation of on-site and decentralized wastewater systems and innovative nitrogen and phosphorus removal technologies.
Marine Systems Technology, Inc.	Services	Underwater Imaging	MA	p	4	Founded by Bill McElroy, Marine Systems Technology, Inc. (MAST) has been involved in numerous imaging, acoustic, ROV and AUV programs over the past two decades, providing electrical, mechanical, optical and software engineering support. Since 2002, the main focus of the company has been advanced underwater imaging systems, that are sold by the Ocean Imaging Systems (OIS) Division.
Global Marine Energy	Services	Underwater Cabling	MA	p	4	Global Marine Energy provides power cable planning, installation and maintenance services to utilities planning offshore installations as part of their grid build-out. We also work with consultancies and developers work-

						ing in the emerging off-shore renewable energy industry, as they develop wind, wave, and tidal energy production projects, bringing carbon-neutral energy to the grid.
Brook Ocean Technology	Services	Software and Systems Design	MA	p	4	Brooke Ocean Technology (USA) Inc. provides system engineering, R&D services and hardware to the marine science community.
OceanServer Technology, Inc	Services	Software and Systems Design	MA	p	4	OceanServer Technology, Inc. is a privately held company, established in 2003 to develop unique product solutions for embedded and OEM applications. The founders bring a breadth of product development experience from 30 years in the commercial computer industry to focus on innovation opportunities for electronic and electromechanical solutions in the fields of battery-based power management, sensor technologies and robotics. Our products today have been integrated into a variety of applications in the scientific, military, marine, and telecommunications industries.
Reading Information Technology, Inc (RITI)	Services	Software and Systems Design	MA	p	4	A software engineering and technical service company specializing in marine information technology and GIS.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Pine Hill Equipment, Inc.	Services	Marine Engineering,Equipment Manufacturing, Fisheries Related	MA	p	4	Pine Hill Equipment manufactures and sells a wide variety of marine and industrial hydraulic products. We also manufacture our own products since 1972, including custom hydraulic systems, winches and much more. We have the ability to build custom systems for any application, including marine, commercial, construction, etc.
All Cape Welding	Services	Marine Engineering	MA	p	4	At All Cape Welding we are committed to providing top quality products. We design and fabricate boat towers, t-tops, and accessories to your specifications. Our facility is equipped to handle aluminum fabrication as well as pipe welding and marine welding for all your boating needs .
A.I.S. Inc.	Services	Fish Assessments	MA	p	4	AIS is dedicated to the collection of accurate, complete, and reliable marine and ecological data. We supply observers for the collection of catch data on commercial fishing vessels; we also supply observers for deployment on scows and hopper dredges for monitoring endangered species, and we supply inspectors for the recording of disposal data on harbor and waterway dredging operations.

Sort by: Primary Sector/State/Rank from "Most Suitable"

The Massachusetts Office of Coastal Zone Management	Services	Environ-mental Manage-ment	MA	gov	4	The Massachusetts Office of Coastal Zone Management (CZM) is a part of the Executive Office of Energy and Environmental Affairs (EEA). Our mission is to balance the impacts of human activity with the protection of coastal and marine resources. As a networked program, CZM was specifically established to work with other state agencies, federal agencies, local governments, academic institutions, nonprofit groups, and the general public to promote sound management of the Massachusetts coast. CZM is funded primarily through theCommonwealth of Massachusetts, the National Oceanic and Atmospheric Administration (NOAA), and the U.S. Environmental Protection Agency (EPA).
The Urban Harbors Institute (Umass Boston)	Services	Environ-mental Manage-ment	MA	np	4	The Urban Harbors Institute (UHI) is part of the University of Massachusetts Bostonand is therefore able to bring a well-rounded and academic approach to providing expert advice on environmental problems and issues. UHI offers technical assistance and advisory services in fields such as urban planning, coastal and harbor planning, natural resource management, marine industry master planning, water transportation and geographical information systems. Additionally, UHI undertakes meeting facilitation and conference and workshop coordination.

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Carr Research Laboratory Inc	Services	Environmental Consulting	MA	p	4	Carr Research Laboratory, Inc. (CRL) was established in 1974 as an environmental consulting firm focused on creative problem-solving of complex environmental issues. With a well-versed and diversely educated staff, CRL offered a broad range of services and expertise in environmental science and engineering that carried projects from the first site evaluation through permitting and, if necessary, construction monitoring. CRL emphasized quality and efficiency while uniquely tailoring its services to fit customer project needs. CRL routinely worked with landowners, developers, builders, surveyors, civil engineers, attorneys, realtors, architects, landscape architects, municipalities, and other professionals to accomplish the desired project objectives within the parameters of the myriad laws governing land use.
Noise Control Engineering, Inc	Services	Acoustics	MA	p	4	Noise Control Engineering (NCE) is a premier acoustical engineering consulting firm that specializes in noise and vibration measurement & control for marine, industrial and commercial applications. Founded in 1991 by Raymond Fischer, NCE is a Small Business that readily responds to client needs. We have the experience, tools and innovative ideas to provide cost-effective solutions to all types of acoustical problems.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Puretech Ventures	Services	Technology Incubator	MA	p	3	We are not a venture fund or an incubator. We proactively form companies and drive them forward as the primary founder. PureTech's mission is to give life to breakthrough technologies in order to develop the most promising innovations into cures. As an "institutional entrepreneur", PureTech proactively creates new companies through a rigorous, systematic approach.
Sygnus Technology Inc	Services	Software and Systems Design	MA	p	3	Sygnus Technology, Inc. produces technology-based solutions for commercial and military underwater applications. Founded in 1993, Sygnus has provided custom technology development and systems integration services in the areas of underwater telemetry, sonar signal processing, and speech processing.
Yankee Ingenuity Small Business Automation	Services	Software and Systems Design	MA	p	3	Yankee Ingenuity Small Business Automation is a software consulting service with expertise in areas of scientific software development, website development and business automation.
Northeast Maritime Institute	Services	Marine Training	MA	p	3	Headquartered at 32 Washington Street in Fairhaven, Massachusetts, NMi Services is recognized as a world leader in training and business support services for government agencies and commercial industries, including transportation, oil and gas, power and utilities, port facilities, and shipping.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Littleton Research and Engineering Corp.	Services	Marine Engineering	MA	p	3	Provides consulting services to engineering and manufacturing companies in the field of applied mechanics. Special emphasis is placed on vibration, particularly as applied to ships, including prediction of vibration levels, design to avoid vibration, measurement of vibration and recommendations for minimizing vibration. Services are also provided in stress analysis, cryogenic and high temperature technology, heat transfer, fluid flow and vibration and noise transmission in structures and fluids.
Tension Technology International, Inc.	Services	Marine Engineering	MA	p	3	Marine Consultancy/Engineers: world recognized capabilities in fibre technology; ballistic fabric response; ocean, mechanical, marine and civil engineering; marketing; standards; quality assurance programs; rope technology and termination technology. TTI knows the ropes: We know how to select them (from the thousands available), to design them, to install them, to use them, to inspect them, to retire them. We will help you avoid the delays, expense and inadequate service life which can follow the use of the wrong material or construction. Consultancy, design and engineering service in ropes, textiles and marine systems
CR Environmental Inc	Services	Environmental Consulting	MA	p	3	We have extensive experience in hydrographic and geophysical surveying, sediment sampling, wetland delineation, environmental permitting, ecological risk assessment, and environmental monitoring.

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Zephyr Marine, LLC	Services	Environ-mental Consulting	MA	p	3	Zephyr Marine, LLC is a marine environmental consulting company concentrating on supporting oceanographic, water resources, and marine biological field data collection studies. Zephyr also runs a marine education program for High School and College marine science courses consisting of an on-board field collecting trip for benthic specimens and other related hands-on oceanographic activities.
Coady Marine	Services	Chartering	MA	p	3	Boat that services needs of divers, researchers and general engineering practices as well as technical support.
Oasis Inc.	Services	Acoustics	MA	p	3	OASIS, Inc. is a small business providing expert consulting services in all areas of underwater and airborne acoustics, noise control technologies, structural acoustics, and instrumentation and data acquisition systems. OASIS has extensive experience performing ocean acoustic experiments in both coastal and deep water. The company has been active in a number of government-funded research efforts focused on ocean acoustics and oceanography and has developed a real-time system (patent pending) for calculating the position and the transmission loss of a programmable acoustic target. Also, real time advanced signal processing utilizing state-of-the-art DSP (Digital Signal Processing) chips has been a key element applied to automated unmanned vehicles.

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Quest Marine Services	Services	Oceanography	MA	p	2	Provides a wide range of marine services to clients based primarily in the NE US. Marine surveying and consulting services are provided worldwide. These services include: Multidisciplinary oceanographic services, ocean engineering support, submerged cultural resource management, Research and Development of Oceanographic Engineering Systems support services, Instrumentation deployment, testing and recovery, remote sensing operations and surveys, bathymetric surveys, scientific study support, cable laying, film team support, diving and salvage operations, marine surveying and consulting.
Horizon Marine	Services	Ocean Measurement Systems	MA	p	2	We utilize state-of-the-art techniques in the analysis of oceanographic data for mapping, modeling, and forecasting significant events. Our system of daily observations, including several remote sensing techniques, enables real-time data analysis, reporting, and forecasting the migration and strength of ocean currents worldwide. Utilizing Horizon's services, the offshore industry is able to plan safe and efficient operations, minimize costly downtime caused by severe currents, and provide valuable information to in the event of an oil spill.

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Cape Shores Welding Inc.	Services	Marine Engineering	MA	p	2	Cape Shores Welding Inc., located on Cape Cod, Massachusetts, provides quality welding services to a wide array of satisfied customers. Richard Zamachaj, owner and operator of the organization, brings to the company 22 years of welding experience servicing the marine, aerospace, nuclear and industrial markets. Rich, and his hand-selected staff of highly trained craftsman, are committed to providing their customers with the highest quality service in a timely and professional manner. This commitment is reflected throughout the company, and is proudly displayed within the company's mission statement: Cape Shores Welding Inc. specializes in precision welding of all ferrous and non-ferrous materials. We are committed to our customers by responding to their production and scheduling requirements while delivering the highest level of welding expertise. Qualified Staff: Cape Shores Welding Inc. understands that its service is only as good as its people, therefore, great care has been taken in selecting highly skilled craftsman with an eye for detail.
Hecker Environmental Consulting	Services	Environmental Consulting	MA	p	2	Dr. Barbara Hecker (Ph.D., State University of New York, Stony Brook) runs her own consulting business, Hecker Environmental Consulting, and is associated with the Boston University Marine Program in Woods Hole, Mass. Her research interests focus on understanding offshore, marine benthic communities and factors that control the distribution of deep-sea megafauna (animals larger than a few centimeters). Since these organisms live on and

						within the sea floor, much of her work focuses on faunal/geological interactions.
Marine Information Resources Corporation	Services	Environmental Consulting	MD	p	3	MIRC scientists and engineers provide their customers with multidisciplinary, integrated, and cost-effective solutions to support operations in maritime environments, particularly physically complex and fragile coastal regions. MIRC provides timely, cost-effective geospatial solutions and services in support of coastal zone research, operations, and management.
Janseneering, Inc	Services	Marine Engineering Technology/Ship Building and Design	ME	p	4	At Janseneering, Inc., our mission is to provide our valued clients with the best quality plugs, patterns, limited use and production molds, and composite parts. We use state-of-the-art technology to build custom products that meet the needs of such industries as architecture, infrastructure, defense, recreational, automotive, industrial, marine and wind power. We have been on the end-user side and the supplier side of tooling projects. Our vast experience ensures our ability to meet our clients' needs at the highest possible quality, and delivered on time and within budget. Recently, the addition of our new 5-axis CNC profiling machine helps us generate the most current precision engineering with enough horsepower and rigidity to machine aluminum and meet higher tolerance requirements.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Micronautics, Inc.	Services	Software and Systems Design	ME	p	3	We were the first to develop and sell tide prediction software. For over twenty years our software has been available to the military, to the maritime industry, to scientists as well as to fisherman and sailors. In 1985 we launched TIDE.1 Rise & Fall with tide coverage around the entire United States. A year later, we followed up with TIDE.2 Ebb & Flow, a companion product which did the same for tidal current prediction. In 1987 we covered all of Canada and by 1990 we had coverage for the entire world.
Maine Marine Composites	Services	Ocean Energy Development	ME	p	3	Maine Maine Composites provides complete solutions for the design and engineering of small craft and offshore alternative energy systems. Specializing in computer-aided design and analysis of boats and marine structures, the talented staff of MMC can tackle complex hydrodynamic problems ranging from analyzing the water flow around high-speed planing boats to predicting the spectrum of motions on an ocean wave energy system.
Technology Systems Inc	Services	AUV/R&D	ME	p	3	Technology Systems, Inc. (TSI) is a leading innovator with a 30-year track record in software and systems integration of emerging technology. Our work covers the spectrum from contract research and development to delivering final products that reflect our advanced R&D. Our unique business approach allows us to maintain top quality in our projects and fosters levels of creativity and productivity unparalleled in the industry.

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Forristall Ocean Engineering, Inc.	Services	Marine Engineering	ME	p	2	Specification of metocean criteria for offshore drilling rigs and production facilities, Specification of metocean criteria for nearshore structures, such as LNG terminals, Specification of metocean criteria for offshore wind farms, Investigation of hurricane damage to offshore structures, Recommendations for metocean surveys and field measurements, Writing requests for proposals, Independent reviews of metocean studies, Evaluation of the skill of numerical models of currents and waves, Research on the extreme value statistics of wave and crest heights, Real-time advice on weather for offshore activities including float-over platform installations
Hibbard Offshore	Services	ROV/AUV	MI	p	3	Hibbard Inshore provides a range of ROV and hybrid AUV / ROV-based underwater inspection, survey and intervention services to aid your project in each stage of its lifecycle. With a focus on reducing the required vessel size for projects, all of Hibbard Inshore's remotely operated vehicle systems are set up to be highly transportable. All systems can be air shipped and are designed to be used on vessels of opportunity throughout the world.
The Aquaculture Communications Group	Services	Aquaculture	MI	p	2	The Aquaculture Communications Group (ACG) specializes in aquaculture science and technology (S&T) information services, providing information & knowledge management, information & technology transfer, communications & public relations, and project management services to companies, governments, and organizations involved in aquaculture and related activi-

						ties.
CARIS	Services	Software and Systems Design	NB	p	3	CARIS solutions deliver cutting-edge bathymetric innovations, seamless feature data management, product extraction and distribution to support a diverse product range.
Marine Simulation LLC	Services	Software and Systems Design	NC	p	5	In the field of maritime and subsea simulation, Marine Simulation LLC's ROVsim® and vSHIP simulators have set the standard for cost effective, physics accurate and visually stunning simulation systems. Our background includes nearly 30 years experience in undersea research, maritime operations and software development. From portable solutions for nearshore operators to sophisticated operations at offshore drilling facilities, we can deliver a solution to meet your specific requirements. Our users span the globe, our products are in use in 20 countries worldwide and over 60 training and educational institutions.
Hyrocomp Inc.	Services	Software and Systems Design	NH	p	5	HydroComp, Inc. was established in 1984 to provide powering analysis services to naval architects and shipbuilders. Best known for our award-winning NavCad™ software, HydroComp is regarded as the premier source for performance predictionsoftware, consulting and knowledge.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Onsruth Industries Ltd., Inc	Services	Software and Systems Design	NH	p	4	Onsruth Industries Ltd., Inc. (OILI) keeps critical ballast and cargo control instrumentation aboard ships and oil rigs calibrated and up to date. Much of the service provides support services for Trans Sonics and Foxboro instrumentation (aircraft carrier, submarine, super tanker to oil rig) OILI will be there for your needs. In areas where a manufacturer no longer produces a particular item, OILI will rebuild or reverse engineer to provide replacement circuit boards and sensors.
NERACOOS	Services	Security	NH	np	4	NERACOOS supports a regional system of buoys, coastal radar stations and ocean forecasts that are making operations in the marine environment safer and more efficient. NERACOOS delivers critical weather and ocean information to mariners when and where they need it. NERACOOS is providing coastal planners and emergency managers with access to critical historic and real-time ocean and weather data as well as detailed forecasts of coastal inundation to help them as they plan for and respond to coastal hazards. Improving water quality, achieving sustainable fisheries and maintaining healthy ocean and coastal ecosystems are priorities in the Northeast. In order to achieve these goals, NERACOOS is collaborating with state and federal agencies, NGOs, industry and academic institutions on developing and implementing an ecosystem approach to management. The exploitation of tidal stream, wind, and wave ocean energy resources within the Northeast region is just getting underway and has the potential to provide a significant

						source of renewable energy and economic development in the region.
Scientific Solutions, Inc	Services	Marine Engineer-ing	NH	p	3	SSI provides an array of advanced solutions that includes undersea detection research and development programs to protect the world's ports. We utilize proprietary as well as COTS hardware and custom software along with our unique signal processing systems. Our solutions are provided over a state-of-the-art communication back-bone. SSI products insure maximum performance to en-able our customers to protect and defend with reliability and peace of mind.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Aqua Survey, Inc	Services	Environ-mental Consulting	NJ	p	4	Aqua Survey, Inc. (ASI) is a full service ecotoxicology company founded in 1975. Aqua Survey provides laboratory testing, field sampling, geophysical surveying and consulting services to a wide variety of clients throughout the world including many of the largest U.S. corporations, internationally recognized environmental consulting firms, and public sector agencies.
Fisheries and Oceans Candada	Services	Fisheries Research	On-tario	gov	4	Fisheries and Oceans Canada (DFO) and its Special Operating Agency, the Canadian Coast Guard, deliver programs and services that support sustainable use and development of Canada's waterways and aquatic resources.
Cramer Fish Sciences	Services	Fish As-sessments	OR	p	4	Conduct fish population assessments, lead ESA status reviews and consultations, conduct environmental impact assessments. comply with environmental regulations, analyze fish habitat and flow influences, investigate fish passage strategies, simulate fish population dynamics, conduct watershed analyses, implement habitat restoration projects, monitor fish populations and habitat, and provide expert witness and testimony
Oxyvision	Services	Water Technolo-gy	Øye	p	3	Oxyvision developes and delivers patent protected oxygenation systems since year 2000 for fishfarming, shrimpfarming and other indusry applications.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Atlantis Technologies	Services	Water Technology	PA	p	4	The mission of Atlantis Technologies is to provide the Specialty Water Treatment Industry with a consolidated, knowledgeable source for their feed equipment needs. Focusing on feed, storage, analysis, and control, Atlantis will furnish the water treatment chemical vendor with the appropriate equipment and expertise to properly apply their products.
Slater Center for Marine and Evnironmental Technologies	Services	Technology Incubator	RI	p	4	Building on Rhode Island's strong maritime heritage and commitment to its natural resources, the mission of the Slater Center for Marine and Environmental Technologies is to accelerate the transfer of ideas and innovations from Rhode Island's scientists, engineers, entrepreneurs, and research institutions into new technology businesses. The Center supports startup ventures by helping them to convert their promising ideas from scientific concepts to marketable products, through seed funding, business services, strategic partnerships and collaborations, and finally to access institutional capital for future growth. The Center's ultimate objective is to stimulateRhode Island entrepreneurships and economic growth for its residents.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Applied Science Associates (Asa)	Services	Software and Systems Design	RI	p	4	Applied Science Associates (ASA) is an international leader in the development and application of computer tools to investigate marine and freshwater environments. ASA answers questions about our environment and human interaction within that environment, using computer models, which simulate physical, chemical, and biological processes. ASA identifies timely, reliable, and cost-effective solutions to environmental problems through the integration of Geographical Information Systems (GIS) with environmental data monitoring and modeling.
Conusub	Services	Commercial Diving	RI	p	4	Established in 1983, CONUSUB provides support in the subaqueous environment for Science, Engineering and Government agencies. CONUSUB is unique in its ability to adapt, comprehend and implement the latest technologies. Our experienced staff through consultation and coordination meets client objectives safely and on time.
Bay Marine Inc.	Services	Ship Building and Design	RI	p	3	Bay Marine has been dedicated to providing naval architecture and marine engineering services to the small to mid size commercial fleet. As with many companies within the marine industry, Bay Marine has adapted to provide services to the markets most in need at any given time. We have been involved with the design of fishing vessels, oil skimming vessels, research boats, barges, ferries as well as commercial passenger and sail training vessels. We have worked with a variety of materials from steel and aluminum to wood and fiberglass. We

						pride ourselves on developing unique solutions to solve customersneeds while maintaining cost efficiency in first cost and life cycle costs. We both draw on personal, practical experience in building vessels, and in Bob's case, operation of vessels. The experience in building/operating and maintaining vessels allows a valuable perspective when designing a boat. We know how to design for ease of assembly and for long term maintenance.
Rhode Island Sea Grant	Services	Ocean Conservation	RI	p	3	Based at the University of Rhode Island (URI) Graduate School of Oceanography, Rhode Island Sea Grant is a partnership of the university, the National Sea Grant College Program, the National Oceanic and Atmospheric Administration (NOAA), and the state of Rhode Island. Rhode Island Sea Grant has the distinction of being one of the first four Sea Grant programs in the U.S. It is also home to one of only four Sea Grant Legal Programs in the country—the only one in the Northeast—located at Roger Williams University School of Law. The program supports research, extension, legal, and education programs that address issues in the thematic areas of sustainable coastal development, healthy coastal ecosystems, and safe and sustainable seafood.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Ecosystem Solutions, Inc	Services	Marine Science	RI	p	3	Services provided include all aspects of wetland science in relation to private, public, commercial and industrial land development. This includes wetland delineations, impact avoidance & minimization statements, wildlife habitat assessments, wetland assessments, construction oversight, biological monitoring, regulatory representation, expert testimony, and permitting & compliance assistance.
BioProcessh20	Services	Water Technology	RI	p	2	BioprocessH2O specializes in the engineered modular solutions to water and wastewater treatment challenges in the municipal and industrial markets. We place a high value on water and therefore, we will provide the best solution to meet a given set of application parameters
Center for Economic & Environmental Development @ Roger Williams University	Services	Economic Development	RI	p	2	The Center for Economic and Environmental Development (CEED) draws upon the scientific, legal and business resources of the university to promote the economic development of marine industries that are compatible with a healthy environment. CEED encourages innovative environmental stewardship by involving students, faculty and the local community in strategic educational, management and entrepreneurial initiatives that yield a sustainable environment.

Sort by: Primary Sector/State/Rank from "Most Suitable"

Lighthouse R&D Enterprises, Inc	Services	Ocean Measurement Systems	TX	p	4	Lighthouse R&D Enterprises, Inc. serves the global community by producing underwater monitoring systems capable of measuring time-series phenomena such as physical and chemical oceanographic properties, and seismic and wave height data for tsunami warning systems. Systems are installed as either autonomous moorings, with periodic data recovery, or connected to a shore facility by fiber-optic cable for real-time data delivery. Our state of the art systems use the most innovative concepts, forward-thinking technology, and environmentally sensitive collection methods available.
Ocean Associates, Inc	Services	Fish Assessments	VA	p	4	Ocean Associates, Incorporated provides professional consulting services to government organizations, UN agencies, academia, non-governmental organizations (NGOs), and the private sector. OAI experts have carried out ocean and fisheries projects throughout the world.
Marine Acoustics Inc.	Services	Consulting	VA	p	4	MAI is a global scientific and engineering company providing a diverse set of government, corporate and international clients with a broad spectrum of consulting and engineering services. Our areas of expertise include a full range of environmental compliance services, undersea warfare design, test and evaluation services, marine environmental compliance, sea test planning and support, all supported by an award winning and internationally recognized research and development program. 3 offices (NH, VA, RI)

Sort by: Primary Sector/State/Rank from "Most Suitable"

Marine Management Services (MMS)	Services	Boat Mainten-ance	WA	p	4	Maritime Management Services, Inc. (MMS) is a vessel management and crewing company providing quality management personnel with the knowledge to successfully and cost effectively manage marine resources by analyzing the customer's requirement, adapting to what current and future needs will be and understanding the changing maritime environment. MMS provides professional, experienced and forward-thinking vessel management. With an MMS management team in place, vessel owners enjoy peace of mind; knowing their vessels are provided with the infrastructure, personnel, and technical and operational management experience necessary to successfully operate vessels in compliance with applicable class, flag-state and international rules. MMS creates a vessel management plan that simultaneously looks after the owner's interests, the safety of the vessel, her crew and the environment.
Ocean Conservancy	Services	Ocean Conserva-tion		np	3	Ocean Conservancy educates and empowers citizens to take action on behalf of the ocean. From the Arctic to the Gulf of Mexico to the halls of Congress, Ocean Conservancy brings people together to find solutions for our water planet. Informed by science, our work guides policy and engages people in protecting the ocean and its wildlife for future generations

Sort by: Primary Sector/State/Rank from "Most Suitable"

Deltares	Services	Environ-mental Manage-ment	p	2	Climate change, rising sea levels and vulnerable dunes are combining to put pressure on coastlines. We want to live safely behind the coastlines, so we must have good coastal and marine management. We achieve that goal by using the dynamics of nature to structure coastal areas. With sustainable coastal engineering, we deploy nature development to improve safety. We stop the advance of the sea by depositing extra sand in the foreshore and letting nature do its work. Climate change results in more extreme weather conditions. Deltares maps out the impact of this on nature, water defences, coastal engineering projects, energy supplies and transport. Technology is not the only factor involved in work on coastal areas; issues like enviremental development and public support also play a role. We bring together the various angles in an integrated approach.
Environmental Law Institute	Services	Environ-mental Manage-ment	np	2	ELI is committed to democratic governance, the rule of law, and policy innovation as keys to achieving environmental quality and sustainable development. Publisher of: ELR®—The Environmental Law Reporter® and The Environmental Forum® and National Wetlands Newsletter® ELI has played a pivotal role in shaping the fields of environmental law, policy, and management, domestically and abroad. Today, we enter our fifth decade as an internationally recognized, non-partisan research and education center working to strengthen environmental protection by improving law and governance worldwide.

Sort by: Primary Sector/State/Rank from "Most Suitable"

C & C Technologies, Inc	Services	Marine Surveying	p	1	C & C Technologies, Inc. is a privately-owned international surveying and mapping company specializing in deepwater services, with 600 employees worldwide. Our cutting-edge technologies, inspiring workplace and "can do" attitude endear our clients and attract the industry's leading innovators. C & C services include CCGIS Map, C-Nav GNSS, Geophysical and geosciences survey services, Geotechnical services, Government services, Marine construction survey services, Unmanned systems

Sort by: State/Subsector/Rank from "Most Suitable"

Organization Name	Primary Sector	Subsector	St	Type	Rank (1-5)	Description
Dauphin Island Sea Lab	Research and Education	Marine Science	AL	np	5	As a marine laboratory the DISL's mission encompasses marine science education, marine science research, coastal zone management policy and educating the general public through the Estuarium, DISL's public aquarium. Founded in 1971 by the State Legislature, the Dauphin Island Sea Lab (DISL) is Alabama's marine science education and research laboratory. Located on the eastern tip of Dauphin Island, a barrier island in the Gulf of Mexico, the DISL is surrounded by Mobile Bay, Mississippi Sound and the waters of the Gulf, making it perfectly situated for a wide range of marine science activity.
BlueTech Research	Research and Development	Water Technology	BC	p	3	BlueTech Research provides investors, water companies, researchers and regulators with critical analysis on emerging water technology market areas. We map, analyse and benchmark the water technology innovation landscape, market drivers, emerging areas of innovation, disruptive technologies, company strategies, the regulatory environment, and more. Our scientists and engineers have deep domain expertise, a unique industry perspective, and unrivalled knowledge and understanding of innovative water technologies.

Sort by: State/Subsector/Rank from "Most Suitable"

Center for Aquaculture and Environmental Research	Research and Education	Aquaculture	BC	gov	3	The Center for Aquaculture & Environmental Research (CAER) is a specialized centre for aquaculture and coastal research co-founded by Fisheries and Oceans Canada and the University of British Columbia. CAER conducts focused research programs that integrate ecosystem and conservation with sustainable aquaculture practices for growing aquatic species of global importance. Recognized internationally as a centre dedicated to innovative research and education in aquaculture and the marine environment, the six-hectare site offers a unique opportunity for experimental research on fish rearing and indoor-outdoor aquaria.
Clean Current Power Systems Incorporated	Energy	In-stream Turbines	BC	p	3	We are the Company that develops, licenses and continues to improve the pre-eminent technologies for in-stream turbine electricity generation devices. This means that ours is the technology of choice for power producers and our technologies dominate the in stream power markets. Clean Current Power Systems Incorporated is a private Canadian company that: develops, patents, licenses and continues to improve: technologies for in-stream turbine electricity generation devices (tidal, ocean and river) - fault tolerant generation/motor technologies for low maintenance operation in hostile conditions - coatings methodology to protect copper wire from salt water

Sort by: State/Subsector/Rank from "Most Suitable"

Molecular Genetics Laboratory (MGL)	Research	Marine Science	BC	gov	3	The Molecular Genetics Laboratory (MGL) provides genetics advice relating to conservation and management of fish and shellfish species in Canada. Genetic diversity within populations and genetic relationships among populations are evaluated through surveys of microsatellites, single nucleotide polymorphisms (SNPs), major histocompatibility complex (MHC) variation, and gene expression. Applications include determination of population structure and appropriate assessment and management units, identification of stock compositions in mixed-stock fisheries, forensics, evaluation of hatchery and aquaculture broodstocks, identification of prey items in marine mammal diets, determination of evolutionary relationships in teleost fish, and application of biomarkers to identify upregulation and downregulation of specific gene complexes.
Pacific Biological Station	Research	Fisheries Research	BC	gov	5	The Pacific Biological Station is the oldest fisheries research center on the Pacific coast and forms part of a network of nine major scientific facilities operated by Fisheries and Oceans Canada. Located in Nanaimo, British Columbia, the Station is home to scientists, technicians, support staff and ships' crews whose common interests are the coastal waters of British Columbia, the Northeast Pacific Ocean, the Western Arctic and navigable waters east to the Manitoba, Saskatchewan border.

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PR Aqua	Equipment Manufacturing	Aquacul-ture	BC	p	4	For over twenty years our clients have been achieving improved efficiencies and productivity with help from the diverse Design, Engineering, and Manufacturing strengths of PR Aqua. Our depth of experience, knowledge, and expertise with intensive aquaculture systems gives us the edge in providing advanced technologies to meet our clients' production expectations. Our success is measured by our clients' success and the evidence can be seen in a wide variety of aquaculture applications in North America and around the World. From research facilities to hatcheries and growout operations, PR Aqua is the name first considered as the most comprehensive solution provider in the aquaculture industry.
The Institute of Ocean Sciences	Research	Marine Science	BC	np	3	The Institute of Ocean Sciences has earned international recognition for its work in ocean sciences. Its more than 250 scientists and researchers are dedicated to providing up-to-date information on all elements of oceanography, including fisheries and ocean research, environmental science and hydrography. They also work closely with staff at other Fisheries and Oceans' labs in BC.

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Island Scallops Ltd	Fish & Fishing	Aquaculture	BC	p	3	Located on the west coast of Canada near Qualicum Beach, British Columbia, Island Scallops represents Canada's largest private marine research hatchery and first fully-integrated shellfish producer. Island Scallops is committed to environmentally sustainable production of a high quality, all-natural product.
AK Industries	Materials and Supplies	Underwater Cabling	CA	p	5	AK Industries is a small, agile, high tech manufacturer of underwater electrical connectors, splice kits and other electrical products for use underwater. We make the most rugged and reliable low cost connector in the world, period.
BMT Scientific Marine Services	Services	Ocean Measurement Systems	CA	p	4	BMT Scientific Marine Services Inc provides integrity and structural monitoring, performance prediction and verification for all types of marine and offshore floating platforms that must operate above and below the waterline. Our dedicated and experienced personnel are committed to quality systems and timely service. We strive to provide technology that is fit for purpose, recognizing that our overarching objective is progress without unnecessary risk.
Center for Dark Energy Biosphere Investigations	Research and Education	Marine Science	CA	np	3	National Science Foundation (NSF)-funded Science and Technology Center on the deep subseafloor biosphere. Our mission is to explore life beneath the seafloor and make transformative discoveries that advance science, benefit society, and inspire people of all ages and origins. We are a multi-institutional distributed center establishing the intellectual, educational, tech-

						nological, cyber-infrastructural and collaborative framework needed for transformative experimental and exploratory research on the subseafloor biosphere
Falmat Cable	Equipment Manufacturing	Underwa-ter Cabl-ing	CA	p	4	Falmat has been a leader in custom cable design and manufacturing for four decades. Our design analysis, cutting edge materials and state-of-the-art manufactur-ing facilities, provide global solutions for a variety of industries such as, Defense, Aerospace, Industrial Elec-tronics, Transportation, Medical, Exploration and Ma-rine applications.
Geometrics, Inc	Equipment Manufacturing	Geophysi-cal	CA	p	2	Our instruments are used from the highest altitudes to the depths of the ocean floor and in all climate and temperature conditions in the air, on the sea and on land. Could be used for Oil & Gas exploration, Mineral Exploration, Military, defense, UXO, and security appli-cations, archaeological reconnaissance, agricultural geophysics, treasure exploration, infrastructure, dike & levee inspection
Hubbs-Sea World Reseach Institute	Research and Education	Ocean Conserva-tion	CA	np	3	Hubbs-SeaWorld Research Institute is a public, non-profit charity dedicated to providing effective solutions to conflicts that arise between human activity and the natural world. Hubbs-SeaWorld scientists apply sophis-ticated technologies to seek the solutions that protect and conserve marine animals while benefiting humans and their reliance on marine resources.

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IDE Technologies	Equipment & Manufacturing	Desalination	CA	p	4	IDE Technologies Ltd. is a pioneer and world leader in water technologies. The company specializes in the development, engineering, production and operation of advanced desalination as well as innovative industrial solutions. IDE is a world leader in the desalination industry. With more than 45 years of know-how and experience, IDE delivers end-to-end project solutions for its customers throughout the world. Leveraging superior thermal and membrane technologies, IDE specializes in the delivery and operation of various desalination and water treatment solutions.
InterOcean Systems, Inc	Equipment Manufacturing	Ocean Measurement Systems	CA	p	4	For over 60 years InterOcean systems, inc. has been the world leader in the design and manufacture of premier quality oceanographic and environmental equipment and systems. We continually improve and broaden our line of products, and strive to accommodate each customer's requirements and needs. Our product line includes S4 Current Meters, Wave & Tide Gauges, Meteorological/Oceanographic (METOC) Buoys, Acoustic Releases, Winches & Marine Handling Systems, Hydrophones, and Remote Oil Spill Detection and Sampling. With our proven commitment to product reliability and support, you may rely on InterOcean for your marine equipment and instrumentation needs.

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L-3 MariPro	Services	Marine Engineering	CA	p	2	L-3 MariPro is an ISO 9001:2000 certified company located near Santa Barbara, California. With nearly five decades of experience, we specialize in providing undersea sensor networks and spread spectrum through water communication solutions. We are a system concept-through-operations company with extensive experience in responding to demanding customer requirements. We have adopted a disciplined systems engineering approach to our overall design process that includes: high level system trades, detailed reliability and availability analysis, active risk trades, and modeling of critical powering, fiber optic transmission, electrical, mechanical, and marine installation parameters. In addition, validation and/or monitoring of key system performance parameters are performed throughout the entire design, build and marine installation process.
LIFESTREAM Watersystems Inc.	Equipment & Manufacturing	Desalination	CA	p	2	Lifestream Watersystems Inc. is a manufacturer of water purification and desalination systems specializing in: Reverse osmosis technology, membrane separation and water filtration equipment.
Liquid Robotics	Equipment Manufacturing	Ocean Measurement Systems	CA	p	4	Initially a joint venture between Jupiter Research Foundation and Roger Hine to develop an unmoored, station-keeping data buoy for monitoring humpback whales, Liquid Robotics was incorporated in January of 2007 to continue development of the technology. The Wave Glider is our flagship product, enabling dozens of applications and missions never before possible. Now, with a growing staff, Liquid Robotics is poised to cap-

						ture this newly created niche in the marine technology market, bringing the innovation and entrepreneurial spirit of Silicon Valley to the ocean science and technology sector.
Monterey Bay Aquarium Research Institute	Research & Education	Marine Science	CA	np	3	MBARI's current efforts span eight research themes, including: benthic processes, midwater research, upper ocean biogeochemistry, ocean observatories, remotely operated vehicle enhancements and upgrades, new in situ instruments, infrastructure support, and information dissemination and outreach.
Moss Landing Marine Laboratories	Research and Education	Marine Science	CA	np	3	An outfitted Marine Operations department, strong research diving program and state of the art equipment allow for cutting edge research in a wide variety of disciplines including: marine ecology, the biology of marine plants, invertebrates, fishes, turtles, birds and mammals, oceanography, and marine geology, chemistry, and biogeochemistry. MLML is known for a hands-on, field-oriented approach, which places our students, faculty, researchers and staff at the frontiers of marine science worldwide where discoveries are being made.
OceanResearchGroup, Inc.	Services	Commercial Diving	CA	p	3	OceanResearchGroup is solution based company dedicated to training technical divers to explore the worlds oceans. ceanResearchGroup is made up of divers, instructors and people who are curious about our marine environment. We live in stewardship of the oceans by

						preservation, conservation and documentation. As we develop as better divers we will seek new challenges while refining our skills to have safe practices and procedures.
SeaBotix Inc	Equipment Manufacturing	ROV	CA	p	2	SeaBotix is the world leading manufacturer of MiniROV systems with a pedigree of underwater expertise. A dedication to providing a capable underwater solution unlike anything else.
SIDUS Solutions Inc.	Services	Security	CA	p	5	We are ready for the deep, for very remote areas, for highly hazardous locations and for extreme conditions. SIDUS is ready to deliver the capability to observe your target as if you were right there, regardless of the elements! For outstanding security, safety, asset and facility management, we've put eyes exactly where you need them.
SonaTech	Research and Development	Acoustics	CA	p	3	Sonatech is a leader in the design and development of underwater navigation and sonar equipment for the U.S. Navy and various other U.S. and foreign government, research, and military customers. The objective of Sonatech is to provide quality products that meet or exceed customer performance requirements utilizing the continuous improvement of procedure, processes, and materials.

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SRI International	Research	Ocean Measurement Technology Improvement	CA	np	5	SRI International is an independent, nonprofit research institute conducting client-sponsored research and development for government agencies, commercial businesses, foundations, and other organizations. We bring our innovations to the marketplace through licenses and new ventures. Since our founding in 1946 by Stanford University, SRI has been committed to discovery and to the application of science and technology for knowledge, commerce, prosperity, and peace. SRI became independent of the university in 1970, and we changed our name to SRI International in 1977.
The Marine Science and Technology Foundation	Research and Development	Ocean Measurement Technology Improvement	CA	np	5	The Marine Science and Technology Foundation (MSTF) is a non-profit, private operating foundation dedicated to advancing technology in oceanographic research. Vision: We cultivate deeper understanding of the marine environment through innovative platform technology, intelligent sensing, and open sharing of information.
The Oceanscience Group	Equipment Manufacturing	Ocean Measurement Systems	CA	p	3	The Oceanscience Group is a world leader in development of oceanographic, hydrographic, and hydrologic deployment equipment designed to save survey time and improve data quality. Our major products are remotely-controlled and tethered instrumentation deployment boats for acoustic Doppler current profilers, the UnderwayCTD and UnderwaySV that introduced the possibility of affordable and compact profiling from a moving vessel, and the popular Sea Spider and Barnacle seafloor platforms. We supply turnkey remote hydro-

						graphic survey boat systems to individual project specifications, typically including environmental monitoring or bathymetry equipment, GPS positioning and data telemetry. Our experienced ocean engineers can design customized equipment deployment buoys, and we are the supplier of the Clamparatus ADCP frame to NOAA for the PORTS Aid to Navigation (ATON) system.
Ocean Sciences Research Institute	Research and Development	Marine Science	CA	np	4	The Ocean Sciences Research Institute is a tax-exempt, private, nonprofit educational and research institution, located in La Jolla, California, and focused on basic and applied research in the marine sciences and environmental policy.
Consolidated Water Co. Ltd	Research and Development	Desalination	Cayman Islands	p	4	Consolidated Water Co. Ltd. (the "Company", or "CWCO") designs, builds, operates, and in some cases finances seawater reverse osmosis (SWRO) desalination plants and water distribution systems in several Caribbean countries, where the supply of drinking water is scarce and the use of SWRO is economically feasible.
Renewable Energy Systems Ltd.	Energy	Design and Engineering	CO	p	3	RES offers end-to-end services for utility-scale marine and wind energy projects worldwide. From offshore wind to wave and tidal, we brings to projects the considerable skills and experience that we have acquired over 30 years in the renewable energy industry. We know this sector inside out; our skills include: site selection, project design & engineering, wind farm layout and energy yield analysis, grid connection design, wind turbine and electrical system procurement, project

						management, operation and maintenance, health & safety.
Applied Physical Sciences	Research and Development	Marine Engineer-ing	CT	p	2	The technical staff at Applied Physical Sciences covers a wide range of experience in the physical sciences, mechanical and electrical engineering, applied mathematics, and meteorological and oceanographic systems engineering. We offer services of applied R&D, modeling and simulation, sensor and system development to government and commercial customers. Our core competencies fall within the following scientific and engineering disciplines: acoustics, hydrodynamics, electromagnetics, signal processing, manufacturing, METOC systems
Aquatic Robotics, LLC	Equipment Manufacturing	ROV	CT	p	3	Aquatic Robotics, LLC is a small veteran owned business in the state of Connecticut. We provide Remotely Operated Vehicle (ROV) and manned submersible technical support services, operations and engineering. We have an inventory of ROV's for operations, lease and prototyping development support services. We have over 20 years experience ranging from the off shore oil and gas industry, inland operations to scientific support services.

Charles R. Weber Company, Inc.	Services	Ship Brokerage	CT	p	5	Charles R. Weber Company, Inc. is one of the oldest and largest ship brokerage firms in the United States. Established in 1940, the company is an independent full-service shipbroker and marine consultant. With a long and well respected history in the ship brokerage industry to draw on we are constantly striving to better serve our marine clients and ensure that we are at the forefront of the ever changing global seaborne transportation industry.
Corrosion Control International	Marine Engineering	Corosion Control Systems	CT	p	2	Corrosion Control International (CCI) is recognized as an industry leader in the design, production and installation of inshore and offshore subsea and splash zone corrosion control systems. CCI developed its patented, cold applied Retrowrap® systems for retrofit protection of pilings, risers, and pipelines as an alternative to factory coatings for new underwater construction in remote areas for quick and easy installation. Engineered to be the best product on the market, Retrowrap provides years of worry-free protection.
Custom Navigation Systems	Equipment Manufacturing	Boating Electronics	CT	p	4	We are committed to long term relationships, and it shows with our clientele. Each has their own special requirements and we work on a personal level to develop that information. We offer different services for different needs. We sell the equipment at favorable prices for those who just want to purchase the hardware. For those who want "to do it themselves" we sell the equipment, providing all the technical drawings for them to follow as they install the system, and then we

						do the final hook-ups and testing.
Ecm Maritime Services, Headquaters	Services	Boat Maintenance	CT	p	3	ECM Maritime is one of the world's leading authorities in maritime regulatory consulting, compliance, emergency preparedness, security, environmental and response management services. We offer a wide range of services that ensure our clients' vessels exceed the standards of the maritime industry, in order to minimize delays, fines and pollution incidents.
Equipment and Services International, LLC	Marine Engineering	Winches and Windlasses	CT	p	3	The technical knowledge and experience accumulated during years of service at New England Trawler have been put to work in this new company. ESI is located in East Greenwich, RI, at 5810 Post Rd, where it shares offices and facilities with The Ideal Windlass Co., a company that also specializes in the manufacturing of deck equipment for pleasure boats and yachts. Resources, engineering and experience are shared and put to work together, allowing us to offer a comprehensive range of quality deck machinery. These equipment includes Towing Winches, Bow/Escort Winches, Mooring Winches, Anchor Winches, Windlasses and Capstans.

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Five Star Rockwater	Services	Marine Engineer-ing	CT	p	4	The Rockwater Team has been developing and market-ing integrated systems and products designed for the rehabilitation and stabilization of Marine Facilities and Underwater Structures for over 25 years. Our products were designed and field-tested by Rockwater personnel who are experienced commercial divers and engineers. Rockwater is well aware of the importance of ease of installation, increased productivity and product consis-tency. We have a proven track record of Quality Control and Customer Satisfaction.
Gilman Corporation	Materials and Supplies	Flotation	CT	p	3	Ionomer foam products manufactured by Gilman Cor-poration under the brand name Softlite® include: US Coast Guard navigational buoys, ship and dock fenders, mooring and pick-up buoys, booms and barriers for safety and security, seat pads and skier awareness products for ski areas, chemical seals--wiper tips--for tank farm floating roofs, Twist-Tite® pipe insulation, standard rolls and sheets, laminated rolls and sheets, and custom manufacturing in our purpose-built plant pictured above.

Sort by: State/Subsector/Rank from "Most Suitable"

Hypack Inc	Services	Software and Systems Design	CT	p	4	HYPACK, Inc. developed a Windows based software for the Hydrographic and Dredging Industry. Founded in 1984, HYPACK, INC (formerly Coastal Oceanographics, inc.) has evolved from a small hydrographic consultant to one of the most successfull providers of hydrographic and navigation software worldwide. HYPACK(R) is one of the most widely used hydrographic survveying packages in the world, with more than 4.000 users. It provides the Surveyor with all the tools needed to design their survey, collect data, process it, reduce it, and generate final products. Whether you are collecting hydrographic survey data or environmental data, or just positioning your vessel in an engineering project, HYPACK(R) provides the tools needed to complete your job. wiht users spanning the range from small vessel with just a GPS and single beam echosounder to large survey ships with networked sensors and systems, HYPACK(R) gives you the power needed to complete your task in a system your surveyors can master.
JMS	Services	Ship Building and Design	CT	p	3	A specialty maritime engineering firm with expertise in naval architecture, marine engineering, shipboard operations, salvage engineering and marine science. JMS has a broad client base representing all aspects of the marine industry including tug and barge operators, shipyards, marine science institutes, military vessels, passenger vessel operators, historic ship museums and even pleasure craft owners of power and sailing yachts.

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Macsea Ltd.	Services	Boat Mainten-ance	CT	p	5	We offer health monitoring solutions to ensure your ship's machinery plant and hull are operating at top efficiency. Our products, services, and expertise makes Condition-Based Maintenance implementation a turn-key operation for our customers. With the benefit of over 40 shipboard installations behind us, our unique experience helps clients avoid equipment breakdowns, extend overhauls, and reduce maintenance and operating costs. This translates into increased profits, improved machinery reliability, and maximum mission readiness.
Madison Technology International	Equipment Manufacturing	Acoustics	CT	p	3	Madison Technology International - Development of a family of high performance preamplifier/signal conditioners RDTE/Services-Adv Tech Dev. AUV Towed Arrays & Deployed Arrays for acoustic research and undersea surveillance
Molchan Marine Sciences	Services	Security	CT	p	4	Molchan Marine Sciences (MMS) is a multi-disciplinary small business enterprise supporting the development and execution of projects in Ship, Port and Offshore Energy Security, Marine Transportation Safety, Diving and Underwater Operations as well as Marine Education.

Sort by: State/Subsector/Rank from "Most Suitable"

Ocean Surveys, Inc.	Services	Marine Surveying	CT	p	3	Ocean Surveys, Inc. (OSI) was founded in 1965 to provide industry and government with the technical expertise to acquire and interpret scientific data from both marine and freshwater environments.Company capabilities include hydrographic, oceanographic and limnologic, geophysical and geotechnical (sediment sampling) survey services.
Oceanweather Inc	Research and Development	Environmental Consulting	CT	p	4	Oceanweather functions as a specialized consulting firm serving the coastal and ocean engineering communities with its unique capacity to integrate several areas of expertise into specification of definitive design data on the physical environment. Oceanweather's approach is to consistently develop and apply its high-level technology to satisfy practical requirements in the areas of marine meteorology, ocean wave and current specification, ocean engineering, and statistics of environmental data. In the past quarter century Oceanweather has performed dedicated hindcast studies and Joint Industry Projects (JIPs) in virtually every ocean basin in the world.
Ockam Instruments, Inc.	Equipment Manufacturing	Software and Systems Design	CT	p	2	Knowledge wins races. Ockam Instruments is committed to providing that knowledge: Through accuracy of the most technologically advanced instruments available, through research and development of new race winning techniques through education for you and your crew, and through exemplary service and support, Ockam is the proven leader in performance sailing informa-

						tion systems.
Pearse-Bertram LLC	Equipment Manufacturing	Marine Engineer-ing	CT	p	2	Pearse-Pearson and Bertram Controls have long been recognized as independent distributors that provided exceptional products and services to our respective markets of Industrial Automation/Motion Control and Instrumentation/Process Control.
SoundWaters	Research and Education	Ocean Conserva-tion	CT	np	2	The mission of SoundWaters is to educate children and adults about the wonders and beauty of Long Island Sound and its watershed. Through education, Sound-Waters provides people with an understanding and awareness of the changes they can make in their lives and communities to restore, protect and preserve Long Island Sound and the Environment.
The Guest Company, Inc	Materials and Supplies	Power Supplies	CT	p	4	Guest has been an expert in battery and charging tech-nologies for over 30 years. Guest's recreational battery chargers are widely used throughout the boating indus-try because of their unsurpassed capacity to withstand exposure to extreme weather, rough handling and poor dockside power quality. (www.guestco.com)

Sort by: State/Subsector/Rank from "Most Suitable"

JBF Environmental Technology	Services	Ocean Conservation	CT	p	4	In 1969, JBF developed a patented method for physically removing oil and other floating material from the surface of water. The United States Environmental Protection Agency purchased the first operational Dynamic Inclined Plane (DIP) oil skimmer for the U.S. Naval Facilities Engineering Command in 1970.The success of JBF skimming systems lies with the extremely high performance of the JBF Dynamic Inclined Plane oil recovery system in a wide range of oil types and wide range of operating conditions. The key feature of the JBF DIP skimmer is it's ability to collect and separate the oil in a single operation. The high performance of the DIP skimmer is maintained in thick oil slicks and in sheens. The ability of the JBF DIP skimmer to collect oil at speeds up to 5 knots enables the spill clean up time to be dramatically reduced. The proven JBF DIP skimming system has been thoroughly tested both in the field and in test tanks. The design of the JBF DIP oil recovery system, whether in an integrated Oil Recovery Vessel or an "over-the-side" VOSS system, allows for easy and safe deployment. The DIP skimming systems also incorporate debris removal and handling systems to allow operation in non-ideal conditions. The JBF Oil Spill Recovery Vessels can function as multi-purpose vessels, with addition of fire fighting equipment, dispersant systems, boom storage, command control and towing capabilities.

Sort by: State/Subsector/Rank from "Most Suitable"

Mid-Atlantic Regional Association Coastal Ocean Observing System	Research	Fish Assessments	DE	np	4	The Mid-Atlantic Bight (MAB) extends 1000 km alongshore, from Cape Cod, MA to Cape Hatteras, NC. It includes five major estuarine systems and a wide continental shelf cut by a deep cross-shelf valley and multiple shelf-break canyons. The footprint encompasses 10 states, the District of Columbia, and approximately 76 million people, or 25% of the US population. The nation's highest coastal population density makes increasingly competing demands for marine and coastal resources. Ports in the region handle 23% of the total U.S. waterborne commerce, and include the nation's largest petroleum product hub and the world's largest Naval base. The MAB is a dynamic boundary between cooler arctic waters and warmer tropical waters, with complex seasonal physical dynamics. These dynamics structure shellfish and migratory fish habitats that support both commercial and recreational fisheries. Developed watersheds and urban estuaries, impacted by a century of industrialization and growing coastal populations, degrade coastal water quality and diminish recreational economies. Inundation driven by tropical storms and northeasters are year-round threats to the large populations that live on the broad coastal plain. While the region's electrical power grid is the most congested in the nation, the high population density, reliable winds, and wide continental shelf combine to support the nation's first offshore wind energy development projects. To further compound these challenges, climate warming is altering fish and shellfish habitats in

						the MAB, and new rainfall patterns with more frequent extremes are impacting homes, farms and reservoirs.
Advanced Aquaculture Systems Inc.	Fish & Fishing	Aquaculture	FL	p	3	Since 1984, long before it became popular to be "green", Advanced Aquaculture Systems was designing and supplying recirculating landscape architectural systems. Advanced Aquaculture Systems continues to be at the forefront of innovation by offering our unique proprietary products and creative system designs to landscape architects, municipal and public agencies, contractors, engineers, businesses, universities and homeowners.
American Vibracore Services	Services	Geophysical	FL	p	4	Vibracore Sampling is a modern methodology for retrieving undisturbed segments of marine core environments to evaluate sub-bottom sediments. This method is particularly useful in providing direct sample validation of sub-bottom and seismic profiling efforts. These samples are beneficial to environmental and geotechnical projects including sand resource evaluation related to beach restoration, beach renourishment, stra-

						tigraphic research and pre-dredge studies.
Aquatic Eco-Systems, Inc	Materials and Supplies	Aquaculture	FL	p	3	Many of the top aquatic system designers around the world started using AES' equipment and expertise to build everything from public aquariums to fish hatcheries. The company proved that it was able to serve them while keeping its commitment to less experienced customers and everyday aquatic needs. Further becoming a source for all things aquatic, AES added system design and equipment repairs to its list of services.
BioCepts International, Inc	Biotechnology	Aquaculture services	FL	p	4	BioCepts International, Inc. (BCI) is a broadly-based biotechnology development firm founded in 1997 as a Florida corporation. BCI was established to provide a wide assortment of professional biotechnology services related to the aquaculture industry (food and ornamental species), including site selection and design of production facilities, product design, development and evaluation, applied research, technology audits and aquaculture product marketing. While BCI is most known for its commercial shrimp farming development contributions, recently it has focused its aquaculture development resources on commercializing warm water spi-

						ny lobster technology.
Center for Aquaculture Research and Development	Research and Development	Aquaculture	FL	np	2	The mission of CARD is to develop new, innovative, and cost-effective systems and husbandry techniques to produce high-value marine and freshwater fishes and invertebrates. The goal of this research center is to advance the aquaculture industry and to support and expand stock enhancement research in Florida and worldwide. The Center is currently conducting research, development and commercial demonstration projects with a large number of marine and freshwater species. Marine research is focused on snook, red snapper, red drum, Florida pompano and hard corals. Several projects are underway to investigate the feasibility of growing snook and pompano in low salinity and in freshwater. New species under consideration for aquaculture research include spotted sea trout, long spined-sea urchins and sea horses. Freshwater research is focused on sturgeon aquaculture for caviar and meat production.

Center for Fisheries Enhancement	Research and Education	Fisheries Research	FL	np	2	The mission of the Center for Fisheries Enhancement is to substantially increase the knowledge of how to preserve and enhance coastal fish and invertebrate populations. We aspire to become a center that is widely recognized as a world leader in the fields of fisheries ecology, marine fisheries enhancement and fisheries management strategies through achievements in innovative and high-quality research and training, and by promoting sustainable fishing practices. The Center for Fisheries Enhancement was created in 1996, under the name "Fisheries and Aquaculture Research Section". The name was changed to the Center for Fisheries Enhancement in 1998. Mote Marine Laboratory was established in 1955 as the Cape Haze Marine Laboratory, under the direction of Dr. Eugenie Clark. The history of the lab from 1955 through 2008 was published by the journal Gulf of Mexico Science and is available at http://www.mote.org/clientuploads/Documents/MoteMarineLaboratory.pdf
Coastal Planning & Engineering, Inc	Services	Environmental Consulting	FL	p	4	Coastal Planning & Engineering, Inc. (CPE) specializes in comprehensive coastal management using a regional perspective to design sustainable and economically feasible projects. We guide our clients through the permitting process based on a thorough understanding of current regulations and environmental resource concerns as well as relationships with the regulatory agencies built on years of professional respect. We pride ourselves on delivering technologically advanced prod-

						ucts that often exceed industry standards and providing data in a published GIS for the ongoing use of our clients and the regulatory agencies.
Csnet International, Inc	Equipment Manufacturing	Marine Science	FL	p	3	CSA International, Inc. (CSA) specializes in marine sciences and services, with business lines focusing on the following industries: Energy Industry, Coastal Permitting, Coastal restoration and mitigation, coastal and ocean sciences, navy, marine services, planning
Florida Institute of Oceanography	Research and Education	Oceano-gragraphy	FL	np	4	For more than four decades, the Florida Institute of Oceanography has unified marine science interests across Florida in the cause of understanding and stewardship of the coastal oceans. Now entering its 45th year, FIO is taking a leading national role in the scientific assessment of the impact of the Deepwater Horizon Oil Spill in the Gulf of Mexico.
Florida Ocean Alliance	Services	Environ-mental Manage-ment	FL	np	5	The Florida Ocean Alliance is a nonpartisan organization dedicated to bringing together government, academic and private sectors in Florida to protect and enhance Florida's coastal and ocean resources for continued social and economic benefits. Their main activities involve: - Serving as a clearinghouse for information on key ocean and coastal issues facing the state in both the public and private sectors; - Monitor and publicize actions related to the oceans and coasts.

Sort by: State/Subsector/Rank from "Most Suitable"

General Oceanics	Equipment Manufacturing	Ocean Measurements	FL	p	4	The company's goal has been to design and manufacture the highest quality instrumentation and water sampling products available to the oceanographic community. Has branch in NY.
Harbor Branch Oceanographic Institute	Research and Education	Marine Science	FL	p	4	Protect and wisely use the oceans' resources has shaped the work at Harbor Branch Oceanographic Institute. Today, articulated as Ocean Science for a Better World®, this same vision drives more than 160 Harbor Branch scientists, engineers and support staff to be leaders in ocean-related innovation, exploration, research, education and conservation. Also has an aquaculture team that works on new ways to farm seafood.
JHT Inc.	Services	Environmental Consulting	FL	p	4	HT Inc. offers value-driven service support with highly qualified personnel for professional, technical, managerial, and administrative requirements in the environmental and marine science service areas. We understand your science-oritented culture and devote extensive care in selecting the right personnel to fulfill your mission: Coastal Observations, Outreach and Management, Marine Biotoxin and Ecotoxicology Research, Coastal Ecological Assessments, Habitat Conservation and Restoration, GIS Mapping and Spatial Analyses, Marine Mammal Research and Conservation, Field Investigations, Program Management and Administrative Support, Estuarine Reserves, Land Acquisition and Coastal Strategy Programs

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Keys Marine Lab	Research and Education	Marine Science	FL	np	4	The Keys Marine Laboratory is a full-service marine lab situated in the heart of the Florida Keys island chain at mile marker 68.5. The facility offers a unique opportunity for college level education and researchers studying the only tropical marine ecosystems in the continental United States. The laboratory includes flow-through seawater systems, housing, laboratories, classroom/meeting rooms, boat fleet, and diving support facilities. An ideal location with easy access to Florida Bay, the Everglades National Park, the Florida Current, and the Florida Keys National Marine Sanctuary, KML offers an excellent base of operations for your next field excursion.
Mote Marine Laboratory	Research and Education	Marine Science	FL	np	4	Mote is dedicated to today's research for tomorrow's oceans with an emphasis on world-class research relevant to conservation and sustainable use of marine biodiversity, healthy habitats and natural resources
Ocean Specialists Inc.	Services	Consulting	FL	p	4	Specialize in the Ocean Industry by applying Science, Information, and Technology in support of the Offshore, Coastal and Underwater markets around the world. Achieve excellence by attracting top individuals in their fields, then create incentives and provide support for those individuals to reach their full potential.
Ocean Technology Group (University of Miami)	Services	Ocean Measurement	FL	p	2	The Ocean Technology Group provides technical and personnel support for sea-going experiments locally, nationally, and around the globe.

		Systems				
Roffer's Ocean Fishing Forecasting Service, Inc. (ROFFS™)	Services	Fish Assessments	FL	p	4	Roffer's Ocean Fishing Forecasting Service, Inc. (ROFFS™) is a scientific consulting company based in Miami and West Melbourne, Florida (U.S.A.) that is involved with fisheries oceanography, environmental science, and satellite remote sensing. All of our operational fish forecasting products are designed to allow fishing vessels to concentrate their fishing effort in the most productive waters to increase operational efficiency. The analyses incorporate numerous factors including water temperature, water color, orientation of local currents, history of ocean fronts, bottom topography, biological quality of the water (chlorophyll, plankton, colored dissolved organic matter, etc.), forage preference of the target species, availability of forage, as well as, habitat preference of the forage and target species.
Smithsonian Marine Station at Fort Pierce	Research and Education	Marine Science	FL	np	4	The overall mission of the Smithsonian Marine Station at Fort Pierce is support and conduct of scholarly research in the marine sciences, including collection, documentation and preservation of south Florida's marine biodiversity and ecosystems, as well as education, training, and public service. Specific research emphases are:

South Florida Ocean Measurement Center	Research	Environmental Research	FL	np	5	This new center was founded through a Federal-Academic partnership. A Congressional grant, along with a combination of other federal and state money is being used to construct this exciting new facility which includes an extensive natural in-water laboratory being built with the guidance of the Office of Naval Research (ONR). This comprehensive in-water installation is located off shore in Dania, just south of Ft. Lauderdale, Florida in an area with a wide variety of environmental conditions. It also includes living reefs and is located where the continental shelf break is only 3 miles from shore. Real time environmental data covering the atmosphere through the air/ocean interface and down to the sub-bottom is available, an autonomous underwater vehicle(AUV) docking station is permanently installed, providing the ability to operate AUVs in virtually any weather, and remarkable opportunities to examine interactions between biology and physics in the region.
The Coastal Education and Research Foundation	Research and Education	Environmental Management	FL	np	2	The Coastal Education and Research Foundation [CERF] is a nonprofit corporation dedicated to the advancement of the coastal sciences. The Foundation is devoted to the multi-disciplinary study of the complex problems of the coastal zone. The purpose of CERF is to help translate and interpret coastal issues for the public and to assist professional research and public information programs.The Foundation specifically supports and encourages field and laboratory studies on a local, national, and international basis. Through the medium of

						scientific publications, television, and radio, CERF brings accurate information to the public and coastal specialists on all aspects of coastal issues in an effort to maintain or improve the quality of shoreline resources. Because CERF is concerned with broad environmental issues, its efforts concentrate on significant problems such as maintenance of good quality (potable) water with adequate supply, and hazards associated with potential beach erosion, flooding, and susceptibility of developed shorelines to storm surge and wave attack. By focusing attention on these potential man-made and natural hazards, it is hoped that CERF's research efforts will help others improve the quality of life in diverse coastal areas. CERF thus aims to stimulate awareness of coastal (marine and fresh-water shorelines) land and water problems; initiate and foster research and innovation to promote long-term coastal productivity; establish an educational forum for the debate of contentious coastal issues; and develop new principles and approaches for enlightened coastal management, and encourage their adoption and use.
The Whitney Laboratory for Marine Bioscience	Research and Education	Marine Science	FL	np	3	The Whitney Laboratory for Marine Bioscience is a research institute of the University of Florida. The Lab's mission is to use marine organisms in basic biological research, and to apply, where possible, the environment; to train future experimental biologists; and to contribute to public education and to the formulations of the policy in basic research and marine science.

Sort by: State/Subsector/Rank from "Most Suitable"

Weatherflow	Services	Weather	FL	p	3	With considerable scientific, academic, and operational experience, WeatherFlow team members have collaborated with academic, government, and industry researchers on topics covering a wide range of the atmospheric and oceanographic sciences.
Bottom Line Echo	Services	Fisheries Related Marine Surveying	GA	p	3	Bottom Line Echo specializes in hydrographic and condition surveys of water bottoms and focuses on providing fast, accurate, professional hydrographic survey information to assist in the logistics of safely berthing vessels and protecting our environment.
Hydrovision Inc.	Services	Environmental Consulting	GA	p	3	HydroVision, Inc. is an environmental consulting company with extensive experience and unique capabilities in the field of hydrogeology, geology, environmental engineering, environmental science, and Oracle support. HydroVision is dedicated to applying state-of-the-art knowledge of hydrogeology to the often complex environmental problems facing the nation and our planet today.
Skidaway Institute of Oceanography	Research and Education	Oceanography	GA	np	4	Multidisciplinary research institution within the University System, is located on a 700 acre campus on Skidaway Island, 16 miles southeast of Savannah. The Institute sits on the banks of the Skidaway River, with access to a diverse range of estuarine and coastal habitats. Its remote pristine location, convenient to coastal and ocean waters, guarantees a constant influx of visiting scientists and students seeking access to state-of-the-art research facilities, accessible research locations,

						and opportunities for collaboration with Skidaway Institute's interdisciplinary and internationally-recognized research faculty.
Evo Logics	Research and Development	Marine Engineering	Germany	p	2	EvoLogics is a Germany-based high-tech enterprise. It was founded in 2000 by a group of leading international scientists and R&D experts to develop innovative key technologies for the aerospace, maritime and offshore industries through interdisciplinary cooperation between engineering and life sciences. By combining applied research with commercialization, EvoLogics can offer the market, the most advanced technologies as they are developed at the research labs. EvoLogics engineers are also involved closely with the commercial market so as to be aware of the needs of the market while developing applications from their research.
Ichthys Marine Ecological Consulting	Services	Fisheries Related Environmental Consulting	Hawaii	p	2	Ichthys Marine Ecological Consulting provides marine environmental and fisheries consultancy services. We believe that effective and lasting marine management requires working in collaboration with end-users to achieve agreed objectives. Our scientific evidence-based advice, backed by years of experience and plain, common sense, helps make this happen.

Sort by: State/Subsector/Rank from "Most Suitable"

Oceanic Institute	Research and Development	Aquaculture	HI	np	4	The Oceanic Institute is a not-for-profit, research and development organization dedicated to marine aquaculture, biotechnology, and coastal resource management. The Institute is an affiliate of Hawaii Pacific University. The Oceanic Institute is one of the three organizations that compose the Gulf of Mexico Marine Stock Enhancement Program (GMMSEP), which was created to plan, execute, review, and evaluate broad-based, scientific stock enhancement methods designed to augment conventional restrictive fishery management methods in use by state and federal agencies in the northern Gulf of Mexico.
Star-Oddi	Equipment Manufacturing	Ocean Measurement Systems	Iceland	p	2	Star-Oddi is a manufacturer of innovative scientific research tools, mainly data loggers for ecosystem and animal studies. Products include submersible and implantable temperature loggers, sensors such as depth (pressure), salinity (conductivity), tilt angle, light, humidity, acoustic and magnetic field strength.
Environmental Protection Industries	Services	Environmental Consulting	IL	p	4	Environmental Protection Industries (EPI) is a full service environmental consulting and remediation firm. EPI provides environmental services to a full spectrum of clients in Illinois, Wisconsin, Indiana, Michigan, Ohio, and Iowa. We supply consulting services for a select group of clients on a national scale. EPI specializes in Environmental Site Assessment/Site Characterization and Risk Assessment for managing environmental liabilities and risk exposure, establishing risk-based remediation objectives, and use in the design and implementa-

						tion of site remediation. EPI's services are geared toward cost effective, comprehensive solutions for public and private sector clients to reduce or eliminate environmental liabilities. EPI manages hundreds of projects annually.
NEW Industries	Equipment Manufacturing	Marine Engineering	LA	p	4	New Industries focuses on large diameter, shop fabricated pressure vessels including tanks for inland and offshore barge transportation of LPG, chlorine and amonia, dry bulk mud tanks for offshore supply vessels and drilling rigs, subsea production hardware including jumpers, PLETs, PLEMs, manifolds and suction piles, process vessels for on- and offshore oil and gas production facilities, gas plants and other process facilities as well as a wide variety of specialty fabrication projects such as DNV certified lifting appliances, portable buildings/cabins and ROV components.
A.I.S. Inc.	Services	Fish Assessments	MA	p	4	AIS is dedicated to the collection of accurate, complete, and reliable marine and ecological data. We supply observers for the collection of catch data on commercial fishing vessels; we also supply observers for deployment on scows and hopper dredges for monitoring endangered species, and we supply inspectors for the recording of disposal data on harbor and waterway dredging operations.

Sort by: State/Subsector/Rank from "Most Suitable"

Aanderaa Data Instruments AS	Equipment Manufacturing	Ocean Measurements	MA	p	3	Aanderaa Data Instruments AS (AADI), headquartered in Bergen, Norway, designs, manufactures and sells sensors, instruments and systems for measuring and monitoring in demanding environments. We export more than 80% of our products and services around the world, and we are an international market leader in several of our product areas. Our main market areas are Marine Transportation, Oil and Gas, Aquaculture, Environmental Research, Road and Traffic and Construction.
All Cape Welding	Services	Marine Engineering	MA	p	4	At All Cape Welding we are committed to providing top quality products. We design and fabricate boat towers, t-tops, and accessories to your specifications. Our facility is equipped to handle aluminum fabrication as well as pipe welding and marine welding for all your boating needs .
Aphios Corporation	Biotechnology	Pharmaceuticals	MA	p	3	Aphios Corporation (www.aphios.com) is developing enabling technology platforms to improve the discovery of natural therapeutics and manufacturing of potent bioactive molecules; nanotechnology delivery of siRNA and therapeutic proteins as well as hydrophobic anti-cancer drugs and other small molecules; and the pathogenic safety of biologics including human plasma, plasma products, recombinant therapeutics and monoclonal antibodies. SuperFluids (SFS), the key and common component of Aphios patented technology platforms, are supercritical, critical or near-critical fluids with or without cosolvents which, when compressed, exhibit

						enhanced thermodynamic properties of penetration, selection, solvation and expansion. Utilizing these enabling technology platforms, Aphios is developing enhanced therapeutics from a unique library of marine microorganisms and medicinal plants for heath maintenance as well as the prevention and treatment of certain cancers (prostate, breast and ovarian as well as nausea and emesis), infectious diseases (HIV, influenza and MRSA) and CNS disorders (Alzheimers Disease, pain, depression and addiction).
AquaBounty	Research and Development	Aquaculture	MA	p	1	Our mission is to play a significant part in "The Blue Revolution" – bringing together biological sciences and molecular technology to enable an aquaculture industry capable of large-scale, efficient, and environmentally sustainable production of high quality seafood. Increased growth rates, enhanced resistance to disease, better food-conversion rates, manageable breeding cycles, and more efficient use of aquatic production systems are all important components of a sustainable aquaculture industry of the future.
Australis Aquaculture	Fish & Fishing	Aquaculture	MA	p	3	An award-winning provider of delicious, healthy, sustainable seafood marketed under the banner of The Better Fish® - Better Tasting, Better For You, Better For Our Environment. Our company spearheaded the introduction of Barramundi, the Sustainable Sea Bass™ in North America and has proudly seen it grow from a fa-

						vorite in Australia to an international culinary trend.
Benthos, Inc	Equipment Manufacturing	Underwater Instruments	MA	p	4	Benthos was founded in 1962 by Samuel O. Raymond in North Falmouth, Massachusetts, a few miles from the research facilities at Woods Hole Oceanographic Institution. During its first three decades, the company placed particular emphasis on supplying underwater equipment to military and government markets. Early in the 1990's, in response to a decline in these markets, the company shifted its priorities to meet the growing needs of commercial markets. These markets include the geophysical industry where Benthos products and systems are used in the search for offshore oil and gas deposits, as well as scientific research and environmental markets.
Biological Environmental Sampling Systems	Equipment Manufacturing	Ocean Measurement Systems	MA	p	4	No description found
Bluefin Robotics Corp.	Equipment Manufacturing	AUV	MA	p	3	Bluefin Robotics develops, builds, and operates Autonomous Underwater Vehicles (AUVs) and related technologies for defense, commercial, and scientific customers worldwide.

Sort by: State/Subsector/Rank from "Most Suitable"

Brook Ocean Technology	Services	Software and Systems Design	MA	p	4	Brooke Ocean Technology (USA) Inc. provides system engineering, R&D services and hardware to the marine science community.
Cape Aquaculture Technologies, Inc.	Research and Development	Aquaculture	MA	p	4	CAT is developing new products such as vaccines and food supplements to produce faster growing and more disease-resistant finfish. The company has established a Narragansett facility to work more closely with scientists at the University of Rhode Island.
Cape Cod Instruments, Inc.	Equipment Manufacturing	Weather	MA	p	4	Hand-crafted on Cape Cod since 1939, Cape Cod® Wind & Weather Indicators let you bring the weather indoors. These quality, precision instruments include the Cape Cod® Wind Speed Indicator (available with optional Peak Gust Register), Cape Cod® Wind Direction Indicator, Cape Cod® Marine Barometer, and Cape Codder® Clock (available with optional Tide Hand).
Cape Shores Welding Inc.	Services	Marine Engineering	MA	p	2	Cape Shores Welding Inc., located on Cape Cod, Massachusetts, provides quality welding services to a wide array of satisfied customers. Richard Zamachaj, owner and operator of the organization, brings to the company 22 years of welding experience servicing the marine, aerospace, nuclear and industrial markets. Rich, and his hand-selected staff of highly trained craftsman, are committed to providing their customers with the highest quality service in a timely and professional manner. This commitment is reflected throughout the company, and is proudly displayed within the company's mission

						statement: Cape Shores Welding Inc. specializes in precision welding of all ferrous and non-ferrous materials. We are committed to our customers by responding to their production and scheduling requirements while delivering the highest level of welding expertise. Qualified Staff: Cape Shores Welding Inc. understands that its service is only as good as its people, therefore, great care has been taken in selecting highly skilled craftsman with an eye for detail.
Carr Research Laboratory Inc	Services	Environmental Consulting	MA	p	4	Carr Research Laboratory, Inc. (CRL) was established in 1974 as an environmental consulting firm focused on creative problem-solving of complex environmental issues. With a well-versed and diversely educated staff, CRL offered a broad range of services and expertise in environmental science and engineering that carried projects from the first site evaluation through permitting and, if necessary, construction monitoring. CRL emphasized quality and efficiency while uniquely tailoring its services to fit customer project needs. CRL routinely worked with landowners, developers, builders, surveyors, civil engineers, attorneys, realtors, architects, landscape architects, municipalities, and other professionals to accomplish the desired project objectives within the parameters of the myriad laws governing land use.

Sort by: State/Subsector/Rank from "Most Suitable"

Childs Engineering Corp.	Services	Marine Engineer-ing	MA	p	5	Childs Engineering Corporation specializes in waterfront engineering. The services that we provide are focused on projects that are in, on, or near the water. We have built our reputation on providing personal services that result in creative, practical, and efficient solutions to our clients' engineering problems on the waterfront.
Clearwater Instru-mentation, Inc.	Equipment Manufacturing	Ocean Mea-surement Systems	MA	p	4	Clearwater Instrumentation manufactures sophisti-cated, autonomous, oceanographic instruments, called drifters. Drifters operate unattended while floating on the sea surface and relay environmental information to the user by satellite. Meteorologists and oceanograph-ers in research and observational programs use Clear-water drifters to measure ocean surface current veloci-ties and other environmental data from the sea and the atmosphere, anywhere on the world's oceans. We also provide data and consulting services to our clients. Our clients include military and governmental agencies, re-search institutions, and universities in the US and inter-nationally.
Coady Marine	Services	Chartering	MA	p	3	Boat that services needs of divers, researchers and general engineering practices as well as technical sup-port.
Coonamessett Farm Foundation	Research and Development	Fisheries Research	MA	np	5	Coonamessett Farm Foundation is dedicated to the re-sponsible stewardship and maintenance of the biodi-versity of our planet. Our purpose is the development and transfer of appropriate technology in support of

						farming and fishing communities that are environmentally sound, socially equitable, economically feasible, and compatible with a sustainable future.
CR Environmental Inc	Services	Environmental Consulting	MA	p	3	We have extensive experience in hydrographic and geophysical surveying, sediment sampling, wetland delineation, environmental permitting, ecological risk assessment, and environmental monitoring.
Dampney Company, Inc.	Marine Engineering	Materials and Supplies	MA	p	3	Dampney Company, Inc. of Everett, Mass., has designed, developed, manufactured, and distributed engineered coating systems for specialized applications. Dampney serves the refining, petro chemical, chemical processing, oil & gas, pipeline, power, OEM, pulp & paper, and materials processing markets.
Deep Sea Systems International Inc.	Equipment Manufacturing	ROV/AUV	MA	p	2	An innovative, high technology company that brings decades of deep ocean engineering experience to the design and manufacture of underwater remotely operated vehicles (ROVs) and ROV components including the Ocean ProHD camera system and LED lighting. Global Explorer ROV is a deep water ROV that was designed and built by Deep Sea Systems and is available for lease. Global Explorer ROV has made numerous dives below 9000'. It has a total system weight below 25,000 lbs and it can be transported by regular side-loading aircraft.

Sort by: State/Subsector/Rank from "Most Suitable"

EdgeOne LLC	Equipment Manufacturing	Geophysi-cal	MA	p	5	EdgeOne LLC, doing business as ORE Offshore, designs, manufactures, and supplies acoustic survey and geophysical equipment for offshore, military, and institutional markets. It offers underwater navigation and positioning systems, such as broadband acoustic tracking systems; Trackpoint 3, a system that is configured for a desktop application with a PC or laptop; TrackPoint 3P, an acoustic underwater tracking system used in open boats in various weather conditions; underwater responders/transponders; motion reference units; and IPS (integrated positioning system), a PC-based software package developed for the purpose of integrating a USBL acoustic tracking system with DGPS.
Epaint	Materials and Supplies	Boat Mainten-ance	MA	p	3	All ePaint products are free of copper, tributyltin, and other biocides that persist in the environment. ePaint coatings combine novel patented photo-active technology with environmentally preferred active ingredients to provide you with a safe, effective alternative to traditional bottom paints.
Epc Laboratories, Inc.	Equipment Manufacturing	Sonar	MA	p	3	In the early 1970s the company started a period of rapid growth that resulted from the booming expansion of the oil industry. Throughout the following decade EPC migrated its imaging technology into passive sonar applications such as anti-submarine warfare and communication surveillance. It was at this time that the technology in printing changed from the Electrographic Recorders (EGRs) to the Thermal Graphic Recorder (TGRs). EPC pioneered much of the high-res TGR revo-

						lution in the ocean industry and continues to manufacture these products today at its Newburyport headquarters in Massachusetts.
Era7 Bioinformatics	Biotechnology	Genomics	MA	p	3	Era7 Bioinformatics is a research-driven bioinformatics company working with Next Generation Sequencing data using Cloud Computing. Era7 Bioinformatics is specialized in Microbial Genomics and Metagenomics providing advanced services related to knowledge management and sequencing data interpretation in these areas. Our business model is based on Research, use of cloud computing, development of Open Source bioinformatics platforms and on our specific focus to Microbial genomics.
Falmouth Scientific Inc	Equipment Manufacturing	Ocean Measurements	MA	p	2	Falmouth Scientific, Inc. (FSI) is a manufacturer of precision instrumentation for oceanographic applications. Founded in 1989, FSI operates from a state-of-the-art manufacturing facility in Cataumet, Massachusetts, located on Cape Cod. Our strategic close proximity to many prestigious organizations enables us to remain at the forefront of marine technology. Most importantly for our customers worldwide, all FSI products are supported by outstanding customer service.

Sort by: State/Subsector/Rank from "Most Suitable"

FirstWind	Energy	Wind Energy	MA	p	5	First Wind is an independent wind energy company exclusively focused on the development, financing, construction, ownership and operation of utility-scale wind energy projects in the United States. Headquartered in Boston, MA, we focus on developing and operating wind energy projects in the Northeastern and Western regions of the U.S., and also in Hawaii. Our operating fleet consists of 13 projects with 772 MW of capacity, and additional projects under construction totaling 208 MW of capacity. In addition, we developed and operate two generator leads with transmission capacity of 1,200 MW, which connect our Stetson, Rollins and Milford projects to the grid.
FloDesign	Services	Technology Incubator	MA	p	5	Whether you are starting with a small R&D contract for a little amount of money or you've already got a product in the market, FloDesign can help commercialize your technology in exciting and innovative ways. We specialize in prototype development, building proofs of concept, getting the product to work, and making it usable and marketable. We help solid technologies become commercialized for a variety of market segments including consumer and government markets.
Free Flow Power	Energy	Hydropower	MA	p	2	Clean renewable energy company focusing on hydropower, hydrokinetic and hydro pumped storage as reliable, cost-effective sources of electricity and grid stability.

Sort by: State/Subsector/Rank from "Most Suitable"

Global Marine Energy	Services	Underwater Cabling	MA	p	4	Global Marine Energy provides power cable planning, installation and maintenance services to utilities planning offshore installations as part of their grid build-out. We also work with consultancies and developers working in the emerging off-shore renewable energy industry, as they develop wind, wave, and tidal energy production projects, bringing carbon-neutral energy to the grid.
Harris Acoustic Products Corp	Equipment Manufacturing	Acoustics	MA	p	5	Harris Acoustic Products Corporation designs and manufactures sonar projectors, hydrophones, and associated equipment for navy, OEM, and commercial customers. It offers military and commercial sonar transducers, underwater and hull-mounted telephones, diver hand-held sonars, and other acoustic devices for marine applications. The company also provides depot level repair, acoustic testing, and electronic assembly and fabrication services
Hecker Environmental Consulting	Services	Environmental Consulting	MA	p	2	Dr. Barbara Hecker (Ph.D., State University of New York, Stony Brook) runs her own consulting business, Hecker Environmental Consulting, and is associated with the Boston University Marine Program in Woods Hole, Mass. Her research interests focus on understanding offshore, marine benthic communities and factors that control the distribution of deep-sea megafauna (animals larger than a few centimeters). Since these organisms live on and within the sea floor, much of her work focuses on faunal/geological interactions.

Sort by: State/Subsector/Rank from "Most Suitable"

Horizon Marine	Services	Ocean Measurement Systems	MA	p	2	We utilize state-of-the-art techniques in the analysis of oceanographic data for mapping, modeling, and forecasting significant events. Our system of daily observations, including several remote sensing techniques, enables real-time data analysis, reporting, and forecasting the migration and strength of ocean currents worldwide. Utilizing Horizon's services, the offshore industry is able to plan safe and efficient operations, minimize costly downtime caused by severe currents, and provide valuable information to in the event of an oil spill.
Hydroid, Inc. (Kongsberg owned)	Equipment Manufacturing	AUV	MA	p	5	Hydroid is a wholly owned subsidiary of Kongsberg Maritime. We are a leading manufacturer of advanced, innovative Autonomous Underwater Vehicles - AUV for deep sea survey and mapping worldwide. Applications include both military and commercial use.
JW Fishers	Equipment Manufacturing	Underwater Instruments	MA	p	4	JW Fishers has specialized in the design and manufacture of reasonably priced, high tech underwater search equipment. The product line includes diver-held and boat-towed metal detectors, marine magnetometers, underwater cameras, ROVs, cable tracking systems, acoustic pingers, scanning sonars, and side scan sonars

Sort by: State/Subsector/Rank from "Most Suitable"

Koch Membrane Systems, Inc	Equipment Manufacturing	Water Technology	MA	p	3	For nearly half a century, KMS has been a world-class developer and manufacturer of innovative membrane filtration systems serving a global marketplace. We develop the finest filtration membranes, build custom and engineered systems for a broad array of industries, and provide superior technical and customer service support. Romicon's outstanding reputation was based on hollow fiber UF membranes and systems. Fluid Systems Corporation, now fully integrated into KMS, was one of the pioneers of commercial reverse osmosis and nanofiltration membrane products, which lead the industry for desalting brackish water and seawater for drinking purposes. This advanced desalination technology is also used for many industrial applications. Puron developed a submerged membrane bioreactor technology that shows great promise for both industrial and municipal wastewater treatment.
L.L. Rowe Company	Equipment Manufacturing	Marine Engineering	MA	p	2	Whatever your needs, Electrical Connectors, Molded Cable Assemblies, Hull Penetrators, Magnetic Switches, Distribution Panels, Control Boxes, Navigational Lighting, Interior Communication Equipment, the L. L. Rowe Co. and it's expert staff will work with you to develop a quality product .

Sort by: State/Subsector/Rank from "Most Suitable"

L3 Henschel	Equipment Manufacturing	Software and Systems Design	MA	p	2	Henschel communications, monitoring and control equipment has been on the scene wherever an unforgiving environment demands unquestioned reliability and longevity. For customers who require "engineer-to-order" solutions, an extensive knowledge base is made available in: analog and digital circuitry, electromechanical design, software development, signal processing, enclosures and packaging, consoles and workstations, microprocessor technology, network architectures, man/machine interface control and graphics and commercial-off-the-shelf (COTS) implementation and integration. L-3 Henschel experts can also assist in compliance with qualification, environmental and electromagnetic interference (EMI) testing requirements.
Laboratory for Autonomous Marine Sensing Systems (MIT)	Research and Development	Ocean Measurements	MA	p	2	The MIT Laboratory for Autonomous Marine Sensing in the Department of Mechanical Engineering is specializing in the development of new distributed ocean sensing concepts for oceanographic science, national defense and coastal management and protection. It continues two decades of multi-disciplinary research and development into such systems by Department of Ocean Engineering, and the MIT Sea Grant AUV Laboratory.
Layton Industries, Inc.	Equipment Manufacturing	Communication	MA	p	4	Electronics and electronic communications

Sort by: State/Subsector/Rank from "Most Suitable"

Littleton Research and Engineering Corp.	Services	Marine Engineering	MA	p	3	Provides consulting services to engineering and manufacturing companies in the field of applied mechanics. Special emphasis is placed on vibration, particularly as applied to ships, including prediction of vibration levels, design to avoid vibration, measurement of vibration and recommendations for minimizing vibration. Services are also provided in stress analysis, cryogenic and high temperature technology, heat transfer, fluid flow and vibration and noise transmission in structures and fluids.
Lombardo Associates, Inc.	Services	Wastewater Treatment	MA	p	4	LAI provides a wide range of services, including engineering feasibility studies, traditional engineering services of planning, design and construction engineering, and the turnkey services of designing, building, owning/financing, and operating wastewater and water facilities. Among our areas of nationally recognized expertise are the planning and implementation of on-site and decentralized wastewater systems and innovative nitrogen and phosphorus removal technologies.
Manomet	Research and Development	Ocean Conservation	MA	np	3	Manomet's mission is to conserve natural resources for the benefit of wildlife and human populations. Through research and collaboration, Manomet builds science-based, cooperative solutions to environmental problems.

Sort by: State/Subsector/Rank from "Most Suitable"

Marine Systems Technology, Inc.	Services	Underwater Imaging	MA	p	4	Founded by Bill McElroy, Marine Systems Technology, Inc. (MAST) has been involved in numerous imaging, acoustic, ROV and AUV programs over the past two decades, providing electrical, mechanical, optical and software engineering support. Since 2002, the main focus of the company has been advanced underwater imaging systems, that are sold by the Ocean Imaging Systems (OIS) Division.
MASSA Products Corp.	Equipment Manufacturing	Acoustics	MA	p	4	Massa is a leading innovator in the design and manufacture of electroacoustic products for ultrasonic sensing in air and for underwater commercial oceanographic sonar applications. In addition, we have developed and manufactured a wide range of sonar transducers and systems specifically for military use.
Massachusetts Marine Fisheries Institute	Services	Fish Assessments	MA	p	5	The Massachusetts Marine Fisheries Institute (MFI) serves as a national model for consolidating and focusing regional assets and expertise to tackle vital marine fisheries questions. Through a cooperative partnership with the Massachusetts Division of Marine Fisheries and the Department of Fisheries Oceanography at the University of Massachusetts Dartmouth School for Marine Science and Technology, the MFI enhances the state's ability to positively affect marine fisheries management in the state and throughout the Northeast.

McClane Research Labs, Inc	Research and Development	Oceano-graphy	MA	p	4	Provides advanced time-series samplers and engineering design services to the international oceanographic community. Our product lines include a range of bio-geochemical/physical oceanography sampling and profiling instruments for use in oceanographic research and environmental monitoring. The objective of McLane Research Laboratories is to enable world-wide investigators to achieve their research and scientific goals by providing advanced, cost-effective instrumentation. Through our long-term research and development programs and our long association with diverse researchers and projects, McLane has established a significant base of knowledge and proven technology in support of our objective.
Megapulse	Equipment Manufacturing	Boating Electron-ics	MA	p	2	Megapulse is a leading designer and manufacturer of advanced navigation and communication products. The company is the market leader in Loran-C and eLoran technology and is the sole source supplier of solid state transmitters for the Loran system. Loran is a terrestrial radionavigation system that can determine the position of a ship or aircraft or land mobile vehicle through the use of low frequency radio signals broadcast from transmitters located across the globe. Loran signals can be used to measure position, velocity, time, orientation and for the broadcast of data. Megapulse eLoran equipment incorporates technologies that substantially enhance and extend the capability of the Loran system.

Sort by: State/Subsector/Rank from "Most Suitable"

MJ Stewart Associates	Equipment Manufacturing	Underwater Cabling	MA	p	5	MJ Stewart Associates is the North American distributor of Subconn underwater connectors and cable assemblies. The Subconn connectors offer the most reliable wet mateable connector on the market. The connectors come in 1 to 16 pin configurations and offer standard bulkhead bodies made of brass, stainless steel, Titanium and anodized aluminum. We also offer Optolink fiber optic connectors and complete moulding and termination services to our own and customer supplied cables. We have facilities in 4 locations in the US and throughout the world which stock connectors and cables and can provide moulding and termination services.
New England Marine Renewable Energy Center @ UMD	Energy	Ocean Energy Development	MA	np	3	Organization comprised of academia, government agencies, industry, municipalities, public interest groups and concerned individuals. MREC's focus is to foster the development of ocean based renewable energy (wave, tidal, current and ocean wind). MREC is developing a network of technology developers and energy users who will collectively define the needs of this nascent industry and work to bring together the required technology, capital, infrastructure, human resources to implement ocean renewable energy in the most sustainable manner for the region.

Sort by: State/Subsector/Rank from "Most Suitable"

Noise Control Engineering, Inc	Services	Acoustics	MA	p	4	Noise Control Engineering (NCE) is a premier acoustical engineering consulting firm that specializes in noise and vibration measurement & control for marine, industrial and commercial applications. Founded in 1991 by Raymond Fischer, NCE is a Small Business that readily responds to client needs. We have the experience, tools and innovative ideas to provide cost-effective solutions to all types of acoustical problems.
NortekUSA	Equipment & Manufacturing	Underwater Instruments	MA	p	3	Nortek AS is a scientific instrumentation company that develops and distributes water velocity instruments. Our products are based on the acoustic Doppler principle and span from single point turbulence sensors to long range current profilers. Our customers are scientists, research institutions, and consulting engineers, all with demanding applications requiring state-of-the-art instrumentation that is reliable and easy to use.

Northeast Maritime Institute	Services	Marine Training	MA	p	3	Headquartered at 32 Washington Street in Fairhaven, Massachusetts, NMi Services is recognized as a world leader in training and business support services for government agencies and commercial industries, including transportation, oil and gas, power and utilities, port facilities, and shipping.
Oasis Inc.	Services	Acoustics	MA	p	3	OASIS, Inc. is a small business providing expert consulting services in all areas of underwater and airborne acoustics, noise control technologies, structural acoustics, and instrumentation and data acquisition systems. OASIS has extensive experience performing ocean acoustic experiments in both coastal and deep water. The company has been active in a number of government-funded research efforts focused on ocean acoustics and oceanography and has developed a real-time system (patent pending) for calculating the position and the transmission loss of a programmable acoustic target. Also, real time advanced signal processing utilizing state-of-the-art DSP (Digital Signal

						Processing) chips has been a key element applied to automated unmanned vehicles.
Ocean Genome Legacy	Biotechnology	Genomics	MA	np	2	The Ocean Genome Legacy is a non-profit marine research organization and biological specimen repository dedicated to exploring and preserving the wealth of information contained in the genes (DNA) of endangered, rare, unusual and ecologically critical marine organisms. Its mission is to acquire, authenticate, study, preserve, develop, and distribute genetic materials, biological specimens, information, technology, and standards needed to advance basic and applied non-commercial research. By providing secure storage and broad public access to genomic materials and a forum for sharing samples, data, and ideas, the Ocean Genome Resource collection aims to serve as a catalyst for research that can help to protect marine ecosystems and improve the human condition.

Sort by: State/Subsector/Rank from "Most Suitable"

Oceanic Research Group, Inc	Research and Education	Ocean Conservation	MA	np	4	Oceanic Research Group, Inc. is a non-profit 501(c)(3) organization dedicated to the conservation of the world's oceans and marine life through education.
OceanServer Technology, Inc	Services	Software and Systems Design	MA	p	4	OceanServer Technology, Inc. is a privately held company, established in 2003 to develop unique product solutions for embedded and OEM applications. The founders bring a breadth of product development experience from 30 years in the commercial computer industry to focus on innovation opportunities for electronic and electromechanical solutions in the fields of battery-based power management, sensor technologies and robotics. Our products today have been integrated into a variety of applications in the scientific, military, marine, and telecommunications industries.
Pharmamar Usa, Inc	Biotechnology	Biopharmaceuticals	MA	p	2	PharmaMar is a unique biopharmaceutical company, specializing in the discovery of new molecules for oncology treatment from organisms living in the sea.
Pine Hill Equipment, Inc.	Services	Marine Engineering,Equipment Manufacturing, Fisheries	MA	p	4	Pine Hill Equipment manufactures and sells a wide variety of marine and industrial hydraulic products. We also manufacture our own products since 1972, including custom hydraulic systems, winches and much more. We have the ability to build custom systems for any application, including marine, commercial, con-

		Related				struction, etc.
Puretech Ventures	Services	Technology Incubator	MA	p	3	We are not a venture fund or an incubator. We proactively form companies and drive them forward as the primary founder. PureTech's mission is to give life to breakthrough technologies in order to develop the most promising innovations into cures. As an "institutional entrepreneur", PureTech proactively creates new companies through a rigorous, systematic approach.
Quest Marine Services	Services	Oceanography	MA	p	2	Provides a wide range of marine services to clients based primarily in the NE US. Marine surveying and consulting services are provided worldwide. These services include: Multidisciplinary oceanographic services, ocean engineering support, submerged cultural resource management, Research and Development of Oceanographic Engineering Systems support services, Instrumentation deployment, testing and recovery, remote sensing operations and surveys, bathymetric surveys, scientific study support, cable laying, film team support, diving and salvage operations, marine surveying and consulting.

Sort by: State/Subsector/Rank from "Most Suitable"

Reading Information Technology, Inc (RITI)	Services	Software and Systems Design	MA	p	4	A software engineering and technical service company specializing in marine information technology and GIS.
Regional Technology Development Corp.	Sercvices	Technology Incubator	MA	np	4	The Regional Technology Development Corporation (RTDC), located in Woods Hole, Massachusetts, is a not-for-profit "virtual incubator" with the mission to facilitate technology transfer and technology commercialization from affiliated local research institutions. Offers a variety of services for new, emerging companies.
Resolute Marine Energy	Energy	Wave Power	MA	p	4	Resolute Marine Energy, Inc. (RME) is developing wave energy converters (WEC) that generate clean energy from ocean waves. Our near-term goal is to complete development and commercialization of a wave-driven seawater desalination system that operates completely "off-grid" and fills a huge gap in the market for seawater desalination systems.
Ritchie Navigation	Equipment Manufacturing	Boating Electronics	MA	p	4	For over 150 years, from the first liquid dampened compass to today's modern PowerDamp dial designs our Engineering Department has been critical to the development of the modern marine compass. Today, sophisticated computers and specialized instrumentation also allow Ritchie Engineers to develop better and more efficient ways to build compasses. itchie Com-

						passes have won many awards for design and engineering excellence in the past 150 years. An early Ritchie liquid filled compass with a floating dial is exhibited in the Albert Museum of Science and Industry in England, proudly displayed along with a collection of nautical instruments created by the famous Lord Kelvin.
Ryan Marine, Inc	Services	Chartering	MA	p	5	Ryan Marine Inc. was established in 1998 as a versatile marine and charter service company that can accommodate commercial applications along the eastern seaboard of the US. We continually add new equipment and personnel to meet the needs of the marine and science industries. Specialized in coastal research, dive tending, recovery & deployment of equipment, towing & salvage, crew movement, construction support, site & project management.
Sample6 Technologies, Inc.	Biotechnology	Diagnostics	MA	p	2	Sample6 Technologies is a dynamic startup company at the intersection of breakthroughs in synthetic biology, sensors, and data modeling and visualization. The company's mission is to improve the health and safety of global consumers by building integrated systems that can quickly and easily detect harmful and unwanted bacteria in the food, healthcare, and other industries.
Sea Sciences, Inc.	Equipment Manufacturing	Ocean Measurements	MA	p	2	Sea Sciences Inc. was established in Arlington, Massachusetts, USA in 1997. The company's goal is to design and manufacture portable, field-useableinstrumentation for coastal and freshwater re-

						search. Our field products can be used from small boats and need only a minimum of preparation. Our main product line is based on the AcrobatTM, a versatile computer driven tow body which supports a host of R&D instrumentation selected by the user.
Seaver Engineering Associates	Equipment Manufacturing	Marine Engineer-ing	MA	p	2	Oceanographic Services
Sygnus Technology Inc	Services	Software and Sys-tems De-sign	MA	p	3	Sygnus Technology, Inc. produces technology-based solutions for commercial and military underwater ap-plications. Founded in 1993, Sygnus has provided cus-tom technology development and systems integration services in the areas of underwater telemetry, sonar signal processing, and speech processing.
Tension Technology International, Inc.	Services	Marine Engineer-ing	MA	p	3	Marine Consultancy/Engineers: world recognized capa-bilities in fibre technology; ballistic fabric response; ocean, mechanical, marine and civil engineering; mar-keting; standards; quality assurance programs; rope technology and termination technology. TTI knows the ropes: We know how to select them (from the thou-sands available), to design them, to install them, to use them, to inspect them, to retire them. We will help you avoid the delays, expense and inadequate service life which can follow the use of the wrong material or con-struction. Consultancy, design and engineering service in ropes, textiles and marine systems

Sort by: State/Subsector/Rank from "Most Suitable"

The Forepeak	Materials and Supplies	Boat Maintenance	MA	p	3	The Forepeak at 89 Front Street in Marblehead has marine supplies for everyone. We've got a large assortment of lines, paints and maintenance supplies. And all the nuts and bolts you need to keep a boat going. Harken fittings, Navtec rigging and hydraulic repairs, Westerbeke and Universal engines.
The Massachusetts Office of Coastal Zone Management	Services	Environmental Management	MA	gov	4	The Massachusetts Office of Coastal Zone Management (CZM) is a part of the Executive Office of Energy and Environmental Affairs (EEA). Our mission is to balance the impacts of human activity with the protection of coastal and marine resources. As a networked program, CZM was specifically established to work with other state agencies, federal agencies, local governments, academic institutions, nonprofit groups, and the general public to promote sound management of the Massachusetts coast. CZM is funded primarily through the Commonwealth of Massachusetts, the National Oceanic and Atmospheric Administration (NOAA), and the U.S. Environmental Protection Agency (EPA).
The Provincetown Center for Coastal Studies	Research and Education	Marine Science	MA	np	2	The Provincetown Center for Coastal Studies sits at the end of the land and the beginning of the sea. Our vantage point, at the tip of Cape Cod, allows us to work in the midst of an extraordinary ecosystem where all things converge. It is the place where the temperate zone and the sub-boreal zone meet, where the sandy shore knows its northernmost reach and the rocky shore is about to begin. The explosion of upwelling nutrients just offshore and the convergence of many habi-

						tats means an explosion of wildlife as well, a home to feed and breed for shorebirds and turtles, whales and dolphins, seals and ground fish, sponges and periwinkles, sea urchins and sand dollars.
The Woods Hole Group, Inc.	Research and Development	Marine Science	MA	p	3	Woods Hole Group is an international environmental, scientific, and engineering consulting organization headquartered in Falmouth, Massachusetts. We are committed to meeting our clients' objectives and at the same time safeguarding the environmental health of our planet. This requires a fundamental understanding of the laws of Nature and a willingness – and ability – to challenge long-accepted notions of what can and cannot be done.
The Urban Harbors Institute (Umass Boston)	Services	Environmental Management	MA	np	4	The Urban Harbors Institute (UHI) is part of the University of Massachusetts Bostonand is therefore able to bring a well-rounded and academic approach to providing expert advice on environmental problems and issues. UHI offers technical assistance and advisory services in fields such as urban planning, coastal and harbor planning, natural resource management, marine industry master planning, water transportation and geographical information systems. Additionally, UHI undertakes meeting facilitation and conference and workshop coordination.

Sort by: State/Subsector/Rank from "Most Suitable"

True North Technologies	Equipment Manufacturing	Boating Electronics	MA	p	4	True North Technologies develops and manufactures custom products for marine, air, and land-based applications with a concentration in electronic compassing. Our products include custom designed electronic compasses for marine and land use in recreational, commercial, and industrial markets. In addition to products for OEM customers, True North has developed the TNT REVOLUTION™, an off-the-shelf strap-down electronic compass sensor for scientific, agricultural, oceanographic, robotic, and geological applications.
Ultra Electronics Ocean Systems	Equipment Manufacturing	Software and Systems Design	MA	p	3	Ultra Electronics Ocean Systems is a recognized technical leader in the design, development, manufacture and support of undersea defense electronics equipment and systems. We have been a major DoD supplier for over 50 years and take pride in having successful partnerships with small business and research laboratories. Our long history with submarine communications, acoustic countermeasures, torpedo defense, Anti Submarine Warfare (ASW), transducers, and special purpose arrays are highlighted by the significant number of industry achievements that we continue to demonstrate within the defense community.
Vast Explorer, Inc	Services	Chartering	MA	p	5	VAST Explorer is a 70 ft. aluminum hull research vessel. It has twin screw 750 hp. Diesels. It accommodates up to nine people in comfort. It is equipped with a 1200 kilo crane, a Hyab knuckle crane, full stern ramp, two labs, an onboard ROV; plus side-scan and DGPS. The vessel is available for oceanographic studies, cable and

						pipeline route surveys, ROV surveys, and underwater archeological survey and recovery.
Webb Research (Teledyne)	Research and Development	AUV	MA	p	4	Based on a long record of innovative success in ocean engineering, Webb Research personnel work cooperatively with clients to solve oceanographic problems and bring reliable data home to their laboratories. The 6000th Webb APEX float shipped in early 2010. Two thirds of the floats deployed for the worldwide Argo program, the largest oceanographic experiment ever undertaken, are APEXES. March 2010 also brought shipment of the 168th autonomous Slocum glider. A Slocum glider made history in December 2009 when it became the first autonomous vehicle to cross the Atlantic ocean, completing a journey from New Jersey to the coast of Baiona, Spain. Another first for Slocums includes the first thermal glider, launched in December 2007, to harvest heat from the ocean as its energy source. In addition, Webb sound sources anchor data collection for many ocean science programs.
Westerbeke Corp.	Materials and Supplies	Boating Electronics	MA	p	4	Manufacturer and supplier of world-class marine generators, industrial generators, marine engines and marine products for many of the world's leading yacht builders; and for seasoned boaters who demand performance and reliability from their marine engine or marine generator.

Sort by: State/Subsector/Rank from "Most Suitable"

Woods Hole Marine Systems Inc (Nobska Assoc)	Research and Development	AUV	MA	p	1	WHMSI is an oceanographic engineering service company. We specialize in the development and deployment of unmanned, teleoperated underwater vehicles and associated equipment.
Woods Hole Oceanographic Institution	Research and Education	Marine Science	MA	np	2	WHOI scientists and engineers combine access to specialized tools, ships, labs, and underwater vehicles with hard-won knowledge of how to explore the ocean to create a detailed understanding of the global ocean system. WHOI also fosters a long-standing commitment to education and outreach that help ensure the future of ocean research.
YANKEE ENVIRONMENTAL SYSTEMS, INC.	Equipment Manufacturing	Ocean Measurement Systems	MA	p	4	Since 1989, Yankee engineers have been focused on solving some of the most difficult measuring problems known to man, including global warming, acid rain, and ozone depletion. Our instrumentation products help solve some of your most difficult challenges in temperature and moisture, atmospheric radiation and remote automated weather observation. More recently, Yankee has focused its efforts on operational meteorology and homeland defense, such as tracking winds that might carry a plume from a dirty bomb. Automated Total Sky Imagers and Radiosonde Launchers reduce or eliminate the need for human observers, freeing personnel to work on more value-added tasks. Yankee introduced the world's first no-moving-parts precipitation sensor based on hotplate technology licensed from the

						National Center for Atmospheric Research. This novel sensor will lead to important improvements in air and road safety in winter conditions.
Yankee Ingenuity Small Business Automation	Services	Software and Systems Design	MA	p	3	Yankee Ingenuity Small Business Automation is a software consulting service with expertise in areas of scientific software development, website development and business automation.
Zephyr Marine, LLC	Services	Environmental Consulting	MA	p	3	Zephyr Marine, LLC is a marine environmental consulting company concentrating on supporting oceanographic, water resources, and marine biological field data collection studies. Zephyr also runs a marine education program for High School and College marine science courses consisting of an on-board field collecting trip for benthic specimens and other related hands-on oceanographic activities.
IMAGE ACOUSTICS, INC.	Equipment Manufacturing	Acoustics	MA	p	4	Image Acoustics, Inc. uses Finite Element Analysis and a battery of transducer and array computer programs to perform efficient and effective design and analysis. Many of these programs were developed and coded at Image Acoustics, Inc. and are available for commercial use. For information on Image software see "Software"

						on the Image homepage.
Marine Information Resources Corporation	Services	Environmental Consulting	MD	p	3	MIRC scientists and engineers provide their customers with multidisciplinary, integrated, and cost-effective solutions to support operations in maritime environments, particularly physically complex and fragile coastal regions. MIRC provides timely, cost-effective geospatial solutions and services in support of coastal zone research, operations, and management.
Smithsonian Environmental Research Center	Research and Education	Marine Science	MD	np	4	The Smithsonian Environmental Research Center (SERC) leads the Nation in research on linkages of land and water ecosystems in the coastal zone and provides society with knowledge to meet critical environmental challenges in the 21st century.
The Marine Invasions Research Lab (SERC)	Research	Marine Science	MD	np	3	The Marine Invasion Research Laboratory has a staff of approximately 25 biologists, who conduct research throughout the country and overseas. Since its inception 13 years ago, the laboratory has been a nationwide training center in invasion ecology for roughly 35 technicians, 4 graduate students, 5 postdoctoral researchers and 40 undergraduate summer interns.

Sort by: State/Subsector/Rank from "Most Suitable"

The National Centers for Coastal Ocean Science	Research and Education	Marine Science	MD	p	5	NCCOS's mission is to provide coastal managers with scientific information and tools needed to balance society's environmental, social, and economic goals.
AeroHydro Inc	Equipment Manufacturing	Software and Systems Design	ME	p	3	AeroHydro, Inc. of Southwest Harbor, Maine, is a pioneer in the field of Computer Aided Design (CAD) for boats and ships, and has served the needs of the marine industry for over 25 years. More than 500 designers and builders worldwide use AeroHydro's computerized 3D and marine design software as an integral tool in their daily business. AeroHydro's flagship marine design software, MultiSurf, is in use in a variety of marine environments; customers include naval architects, boat builders, marine parts fabricators, and CNC machining centers.
Bigelow Laboratory for Ocean Sciences	Research and Education	Marine Science	ME	np	3	Bigelow Laboratory for Ocean Sciences seeks to understand key processes driving global ocean ecosystems, their evolution, and their fundamental relationship to life on Earth. The Laboratory's research ranges from microbial oceanography — examining biological productivity and phytoplankton community dynamics in the world's oceans at the molecular level — to the large-scale biogeochemical processes that drive interactions between ocean ecosystems and global environmental conditions.

Center for Cooperative Aquaculture Research	Fish & Fishing	Aquaculture	ME	p	4	Great Bay Aquaculture of Maine (GBAM) is one of the leading marine fish producers in the USA and the only commercial producer of cod. Using NOAA funding (National Marine Aquaculture Initiative), we are working with GBAM to develop farming strategies for cod in Maine. Between 2007 and 2010 GBAM have transferred over 0.25 million juvenile cod to the CCAR for nursery phase growout before transporting to the lease site in nearby Frenchman Bay. Another critical component of our R&D effort in cod aquaculture is the Atlantic cod Breeding Program, funded through the NOAA Saltonstall Kennedy Program.
Flotation Technologies	Materials and Supplies	Flotation	ME	p	3	Flotation Technologies' world headquarters houses administration, sales, engineering, research, development and manufacturing departments. This state-of-the-art manufacturing facility allows Flotation Technologies to provide quick turn-around on projects of any size to exacting customer specifications. Flotation Technologies' products are built to withstand the rigors of deployment and recovery operations on offshore rigs and oceanographic vessels alike and are used in some of the most demanding conditions on earth: under the polar ice in the arctic, in the blistering heat and ultra violet rays of West Africa, on the stormy surface of the world's oceans and under crushing pressure 7,000 meters under water. Everyday the company's products are put to the test, and pass.

Sort by: State/Subsector/Rank from "Most Suitable"

Fluid Imaging Technologies	Equipment & Manufacturing	Underwater Imaging	ME	p	3	Since 1999 and the introduction of the first FlowCAM®, Fluid Imaging Technologies has been the innovator and leader when it comes to the use of digital imaging as a method for the automated analysis of microscopic particles in fluids. The system was first developed for the analysis of ocean water in oceanographic research, then also used in fresh water applications. Finding the FlowCAM technology to be applicable in other non-aquatic areas, in 2004 the company began selling its technology into 'industrial' markets'. These markets include pharmaceuticals, food & beverage, chemicals, abrasives and plastics. The FlowCAM hardware has been continuously improved each year, producing industry-leading advancements such as cross-polarized illumination, laser and fluorescence-triggered acquisition and the use of an optional high precision syringe pump.
Forristall Ocean Engineering, Inc.	Services	Marine Engineering	ME	p	2	Specification of metocean criteria for offshore drilling rigs and production facilities, Specification of metocean criteria for nearshore structures, such as LNG terminals, Specification of metocean criteria for offshore wind farms, Investigation of hurricane damage to offshore structures, Recommendations for metocean surveys and field measurements, Writing requests for proposals, Independent reviews of metocean studies, Evaluation of the skill of numerical models of currents and waves, Research on the extreme value statistics of wave and crest heights, Real-time advice on weather for offshore activities including float-over platform in-

						stallations
Gulf of Maine Research Institute (GMRI)	Research and Education	Marine Science	ME	np	2	The Gulf of Maine Research Institute is a non-profit marine science center located in Portland, Maine. Our work strengthens five essential elements that define an enduring relationship with the ocean: Healthy Ecosystem Sustainable Industries Vibrant Communities Abundant Opportunities Inspired Children
Heritage Salmon	Fish & Fishing	Aquaculture	ME	p	2	Here you will now find our fresh Chilean salmon raised in the pristine waters of southern Chile... Cupqulan brand... now a Heritage brand, along with new Heritage frozen and smoked products.

Sort by: State/Subsector/Rank from "Most Suitable"

Janseneering, Inc	Services	Marine Engineering Technology/Ship Building and Design	ME	p	4	At Janseneering, Inc., our mission is to provide our valued clients with the best quality plugs, patterns, limited use and production molds, and composite parts. We use state-of-the-art technology to build custom products that meet the needs of such industries as architecture, infrastructure, defense, recreational, automotive, industrial, marine and wind power. We have been on the end-user side and the supplier side of tooling projects. Our vast experience ensures our ability to meet our clients' needs at the highest possible quality, and delivered on time and within budget. Recently, the addition of our new 5-axis CNC profiling machine helps us generate the most current precision engineering with enough horsepower and rigidity to machine aluminum and meet higher tolerance requirements.
Maine Marine Composites	Services	Ocean Energy Development	ME	p	3	Maine Maine Composites provides complete solutions for the design and engineering of small craft and offshore alternative energy systems. Specializing in computer-aided design and analysis of boats and marine structures, the talented staff of MMC can tackle complex hydrodynamic problems ranging from analyzing the water flow around high-speed planing boats to predicting the spectrum of motions on an ocean wave energy system.

Sort by: State/Subsector/Rank from "Most Suitable"

Micronautics, Inc.	Services	Software and Systems Design	ME	p	3	We were the first to develop and sell tide prediction software. For over twenty years our software has been available to the military, to the maritime industry, to scientists as well as to fisherman and sailors. In 1985 we launched TIDE.1 Rise & Fall with tide coverage around the entire United States. A year later, we followed up with TIDE.2 Ebb & Flow, a companion product which did the same for tidal current prediction. In 1987 we covered all of Canada and by 1990 we had coverage for the entire world.
Ocean Renewable Power Company	Energy	Tide and Current power	ME	p	3	Since 2004, ORPC has been hard at work developing breakthrough technology and eco-conscious projects that use ocean and river currents to produce clean, predictable electricity to power our homes and businesses while protecting our environment. We believe that our ocean and river power systems not only can, but must, be designed to preserve the world's marine ecosystems. They should provide renewable supplies of clean energy that are both reliable and affordable. They should be compatible with other marine industries, and should create quality, sustainable jobs and other economic opportunities in their surrounding communities.
Paul E. Luke	Materials and Supplies	Boat Maintenance	ME	p	3	We are noted for our custom marine hardware including our Automatic Feathering Propellers, 3-piece Storm Anchors and our Soapstone Fireplaces - all manufactured in our on-site machine shop. We regularly help a wide variety of clients with projects requiring our tech-

						nical skills and specialty equipment.
Seabait Maine, LLC	Fish & Fishing	Aquacul-ture	ME	p	3	Seabait (Maine) LLC was formed by parent company Seabait Ltd in the UK. One of the company founders, Peter Cowin moved to Maine to establish operations here in 2001. Seabait worked with the CCAR to develop the worlds first indoor recirculating marine polychaete worm farm. The market for sandworms as fishing bait in the USA is well established but now under-supplied due to declining wild catches. There is also a worldwide market for frozen sandworms as a high value, pathogen free shrimp broodstock feed.
Technology Systems Inc	Services	AUV/R&D	ME	p	3	Technology Systems, Inc. (TSI) is a leading innovator with a 30-year track record in software and systems in-tegration of emerging technology. Our work covers the spectrum from contract research and development to delivering final products that reflect our advanced R&D. Our unique business approach allows us to main-tain top quality in our projects and fosters levels of creativity and productivity unparalleled in the industry.

Sort by: State/Subsector/Rank from "Most Suitable"

Hibbard Offshore	Services	ROV/AUV	MI	p	3	Hibbard Inshore provides a range of ROV and hybrid AUV / ROV-based underwater inspection, survey and intervention services to aid your project in each stage of its lifecycle. With a focus on reducing the required vessel size for projects, all of Hibbard Inshore's remotely operated vehicle systems are set up to be highly transportable. All systems can be air shipped and are designed to be used on vessels of opportunity throughout the world.
The Aquaculture Communications Group	Services	Aquaculture	MI	p	2	The Aquaculture Communications Group (ACG) specializes in aquaculture science and technology (S&T) information services, providing information & knowledge management, information & technology transfer, communications & public relations, and project management services to companies, governments, and organizations involved in aquaculture and related activities.
CARIS	Services	Software and Systems Design	NB	p	3	CARIS solutions deliver cutting-edge bathymetric innovations, seamless feature data management, product extraction and distribution to support a diverse product range.
Cooke Aquaculture	Fish & Fishing	Aquaculture	NB	p	4	At Cooke, the environment is a top priority. We are committed to the long-term social, economic and environmental sustainability of the communities in which we operate and the health of the marine resource on which we depend. Through its wholly-owned subsidiar-

						ies, Cooke Aquaculture processes and sells more than 160 million pounds of Atlantic salmon, five million pounds of trout and 20 million pounds of sea bass and sea bream each year.
HSC Fabrication	Equipment Manufacturing	Aquacul-ture	NB	p	4	HSC Fabrication is comprised of in-house and resource personnel with extensive experience in aquaculture, engineering and steel fabrication. Integrating these individual strengths into one resourceful, creative team enables HSC to design and manufacture complete solutions to its customers' aquaculture equipment challenges. Solutions forged in steel … the strongest, most versatile and adaptable construction material available.
iRobot® Corporation Maritime Systems	Equipment Manufacturing	ROV/AUV	NC	p	4	iRobot® Corporation's Maritime Systems group (fka Nekton Research LLC) develops and manufactures AUVS/UUVS that perform multiple missions for maritime researchers, oceanographers and military planners, including physical, chemical and biological oceanography, tactical oceanographic surveys and marine environmental monitoring, including the Seaglider®, a long-range, high-endurance UUV that makes oceanographic measurements, and Ranger, a general development platform for small UUV capabilities.

Marine Simulation LLC	Services	Software and Systems Design	NC	p	5	In the field of maritime and subsea simulation, Marine Simulation LLC's ROVsim® and vSHIP simulators have set the standard for cost effective, physics accurate and visually stunning simulation systems. Our background includes nearly 30 years experience in undersea research, maritime operations and software development. From portable solutions for nearshore operators to sophisticated operations at offshore drilling facilities, we can deliver a solution to meet your specific requirements. Our users span the globe, our products are in use in 20 countries worldwide and over 60 training and educational institutions.
Huntsman Marine Science Centre	Research and Education	Marine Science	New Brunswick	np	4	The Huntsman Marine Science Centre is a private, not-for-profit research and education facility whose mission is inspiring stewardship through the engagement of the Community in the discovery of the Oceans; the design and delivery of inspirational educational experiences and the advancement of marine sciences through collaborative research and the development of innovative technical solutions for our public and private sector partners.
St. Andrews Biological Station	Research	Marine Science	New Brunswick	gov	5	Over the past century, the St. Andrews Biological Station (SABS) has become recognized nationally and internationally for its contributions to marine science. The current aim of SABS is to provide the scientific basis for management of human activities, with a focus on the Bay of Fundy and Gulf of Maine and taking advantage of unique seawater facilities, under an umbrella of

						applied coastal ecosystem science. A large portion of our work is collaborative with universities, environmental groups, aquaculture and fishing industries, and this is facilitated by co-location with the Huntsman Marine Science Centre.
AIRMAR Technology Corporation	Equipment Manufacturing	Ocean Measurement Systems	NH	p	2	Airmar's marine and industrial sensors serve a wide range of international markets. Our marine product line includes fishfinder transducers that mount through the hull, in the hull, and on the transom. We also offer temperature sensors, NMEA 0183 sensors, and NMEA 2000® sensors. Our high-performance, 1 kW transducers use broadband technology which enhances overall fishfinder function. Airmar also has a full line of survey-echosounder and portable-survey transducers including models suitable for shallow water, harbor survey, deep water, ocean survey, and sub-bottom profiling. The industrial line includes ultrasonic air transducers for a wide variety of applications including: flow and level measurement, automation control, proximity sensing, tank level sensing, distance measurement, and obstacle avoidance. Factory Mutual (FM) approved transducer models are suitable for Class l, Division 1 Hazardous Locations. Airmar also offers custom air and marine transducers built to your specifications and integrated sensors. Our WeatherStation Instruments combine readings from an ultrasonic anemometer, temperature sensor, barometric pressure sensor, and humidity sen-

						sor, all in a single compact unit without moving parts.
Atlantic Pacific Clearance Corporation	Equipment Manufacturing	Oceano-gragraphy	NH	p	4	Marine search systems, integration, planning & conduct, EOD & minewarfare,
Autonomous Undersea Systems Institute	Research and Education	AUV	NH	np	3	The Autonomous Undersea Systems Institute (AUSI), formerly the Marine Systems Engineering Laboratory (MSEL), is a not-for-profit research institute focused on promoting commercial applications of Autonomous Underwater Vehicles (AUVs), platforms and sensors.
Geophysical Survey Systems Inc.	Equipment Manufacturing	Marine Surveying	NH	p	2	Geophysical Survey Systems, Inc. (GSSI) is the world's leading manufacturer of ground penetrating radar (GPR) equipment. With cutting-edge products designed to address a wide range of challenging applications, the GSSI name is synonymous with unsurpassed data quality and field-proven reliability.

Sort by: State/Subsector/Rank from "Most Suitable"

GreatBay Aquaculture	Fish & Fishing	Aquaculture	NH	p	4	GreatBay Aquaculture of NH produces the highest quality cultured marine fin-fish. Our mission is to be a world leader in the production of marine fish through the commercialization of technology and its application to aquaculture. GreatBay Aquaculture of NH maintains an active research and development program to improve growth rate and resistance to disease. Our hatchery technology is being used to bring high value marine species to commercial production. GBANH has incorporated HACCP into its production system and is committed to product safety, quality and environmental stewardship.
Hyrocomp Inc.	Services	Software and Systems Design	NH	p	5	HydroComp, Inc. was established in 1984 to provide powering analysis services to naval architects and shipbuilders. Best known for our award-winning NavCad™ software, HydroComp is regarded as the premier source for performance predictionsoftware, consulting and knowledge.
Klein Associates, Inc.	Equipment Manufacturing	Security	NH	p	3	L-3 Klein is the world's leading supplier of side scan sonar equipment, integrated bridge systems, navigation products and waterside security and surveillance systems. In 1967, Marty Klein an MIT graduate set his own course in the new commercial field of Side Scan Sonar. This was a bold move since the only companies involved in this area were multi-million dollar organizations. Klein's mantra is one of creating reliable, leading-edge sonar products, and maritime domain awareness

						systems while offering top quality service. L-3 Klein has developed a worldwide reputation of excellence in the industry by providing quality products and excellent customer service.
NERACOOS	Services	Security	NH	np	4	NERACOOS supports a regional system of buoys, coastal radar stations and ocean forecasts that are making operations in the marine environment safer and more efficient. NERACOOS delivers critical weather and ocean information to mariners when and where they need it. NERACOOS is providing coastal planners and emergency managers with access to critical historic and real-time ocean and weather data as well as detailed forecasts of coastal inundation to help them as they plan for and respond to coastal hazards. Improving water quality, achieving sustainable fisheries and maintaining healthy ocean and coastal ecosystems are priorities in the Northeast. In order to achieve these goals, NERACOOS is collaborating with state and federal agencies, NGOs, industry and academic institutions on developing and implementing an ecosystem approach to management. The exploitation of tidal stream, wind, and wave ocean energy resources within the Northeast region is just getting underway and has the potential to provide a significant source of renewable energy and economic development in the region.

Onsruth Industries Ltd., Inc	Services	Software and Systems Design	NH	p	4	Onsruth Industries Ltd., Inc. (OILI) keeps critical ballast and cargo control instrumentation aboard ships and oil rigs calibrated and up to date. Much of the service provides support services for Trans Sonics and Foxboro instrumentation (aircraft carrier, submarine, super tanker to oil rig) OILI will be there for your needs. In areas where a manufacturer no longer produces a particular item, OILI will rebuild or reverse engineer to provide replacement circuit boards and sensors.

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QPS	Equipment Manufacturing	Underwa-ter Imag-ing	NH	p	2	Fledermaus allows users near real-time, interactive 3D display of very large complex scenes at their full resolution. Users rapidly gain insight and extract more information from their combined data (data sets such as multi-beam, LIDAR, magnetic and gravity, in fact any surface data that has an x, y, z, variables format). Fledermaus is used across many industries by a variety of disciplines such as geoscientist, oceanographers and hydrographers. Data such as backscatter, side scan, geo-referenced aerial photographs or images (still images from an ROV) can be draped over topographic or bathymetric data sets.
Raymarine Inc	Equipment Manufacturing	Boating Electron-ics	NH	p	4	With headquarters in Nashua, New Hampshire, Raymarine Inc. is dedicated to the design, manufacture and distribution of the highest quality marine electronic products and services to the worldwide recreational and light commercial markets. Our commitment to the marine industry spans over 80 years of product development and boasts a comprehensive range of products from GPS chartplotters and VHF radios to HD Digital fishfinders, instruments, radar, autopilot, satellite television, software systems and more. Recognized for its innovation, Raymarine is uniquely able to deliver new and exciting technologies never before applied to the recreational marine market.

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Scientific Solutions, Inc	Services	Marine Engineering	NH	p	3	SSI provides an array of advanced solutions that includes undersea detection research and development programs to protect the world's ports. We utilize proprietary as well as COTS hardware and custom software along with our unique signal processing systems. Our solutions are provided over a state-of-the-art communication backbone. SSI products insure maximum performance to enable our customers to protect and defend with reliability and peace of mind.
Seapoint Sensors, Inc	Equipment Manufacturing	Ocean Measurements	NH	p	4	Seapoint Sensors, Inc. is one of the world's leading manufacturers of underwater optical sensors. Our sensors are known for their high performance, low power consumption, and 6000 meter depth rating. They can be used for in-situ measurements in fresh and salt waters including the most extreme of conditions, and for in-line industrial applications. Seapoint sensors are easily interfaced with a wide variety of third party equipment such as submersible dataloggers and CTD systems, handheld and benchtop dataloggers and displays.
Simplex Technologies	Equipment Manufacturing	Communication	NH	p	2	Simplex Technologies Inc. is a world leader in the design, manufacture, and servicing of cable products. The Simplex facility in Newington, New Hampshire, has more annual throughput capacity for undersea fiber-optic cable than any other single cable facility in the world. Simplex manufactures long-length undersea fiber-optic telecommunications cable as well as cable and cable assemblies for use in data-gathering systems for the U.S. Navy. Other products include flexible pipe

						capable of transferring oil, gas, water and other fluids beneath the sea, and power cables for electric utilities. Simplex also performs marine-engineering services related to its cable operations. The company sells its products to the U.S. Department of Defense and to telecommunications companies. Simplex is an ISO 9001 certified company.
Sounder Standards Inc.	Equipment Manufacturing	Acoustics	NH	p	3	Manufacturer echo sounder, sonar performance testing equipment,
Aero Tec Laboratories, Inc	Equipment Manufacturing	Aquaculture	NJ	p	5	ATL has specialized in the design and manufacture of custom bladder-type fluid containment systems, including bladder tanks, inflatables, pillows and bellows,for the surface and subsea industry.
Alpine Ocean Seismic Survey	Research and Development	Ocean Measurement Technology Improvement	NJ		3	The goal of the researchers who founded the company was to provide public and private institutions with the latest technologies developed within the university system.

Sort by: State/Subsector/Rank from "Most Suitable"

Aqua Survey, Inc	Services	Environ-mental Consulting	NJ	p	4	Aqua Survey, Inc. (ASI) is a full service ecotoxicology company founded in 1975. Aqua Survey provides laboratory testing, field sampling, geophysical surveying and consulting services to a wide variety of clients throughout the world including many of the largest U.S. corporations, internationally recognized environmental consulting firms, and public sector agencies.
Institute of Marine and Coastal Sciences (Rutgers)	Research and Education	Marine Science	NJ	np	3	The Institute of Marine and Coastal Sciences (IMCS) is a world-class oceanographic research institute dedicated to discovering and communicating exciting and critical science about our planet for the benefit of society. Our philosophy emphasizes the importance of understanding the processes that govern change and sustainability in the world's oceans to best use and protect our vital marine and coastal resources. Today, the institute remains true to the unique vision of Dr. Fred Grassle, whose founding principles established a tradition of pioneering research through integrative, interdisciplinary approaches to ocean science, education and public service.
Ocean Power Technologies	Energy	Wave Power	NJ	p	2	Leading renewable energy company specializing in cost-effective, advanced, and environmentally sound wave power technology. OPT's PowerBuoy® system integrates patented technologies in hydrodynamics, electronics, energy conversion, and computer control systems to extract the natural energy in ocean waves

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OffshoreMW	Energy	Offshore Wind Energy	NJ	p	3	OffshoreMW is a leading offshore wind project development company working to bring cost-effective, clean, and safe offshore wind energy to the northeast United States. OffshoreMW is working with the public sector, non-profit organizations, manufacturers, and others to help build a diverse and growing offshore wind industry for the United States.
The Ocean Sciences Centre	Research and Education	Marine Science	NL	np	4	The Ocean Sciences Centre is a cold ocean research facility operated in conjunction with Memorial University of Newfoundland. Located in Logy Bay, NL, the Centre houses laboratories where research is conducted on the North Atlantic fishery, aquaculture, oceanography, ecology, behaviour and physiology. Research is conducted on organisms ranging from bacteria to seals.
Bedford Institute of Oceanography	Research and Development	Security	NS	gov	3	BIO is a modern oceanographic research facility, established in 1962 by the Federal Government of Canada (the former Department of Mines and Technical Surveys, now Natural Resources Canada) and is located on the shores of the Bedford Basin in Dartmouth, Nova Scotia. Over the last 50 years it has grown to become Canada's largest centre for ocean research. The Institute performs targeted research, mandated by the Canadian government, to provide 'peer' reviewed advice and support to government decision making on a broad range of ocean issues, including sovereignty, safety and security, environmental protection, the health of the oceans, safe and accessible waterways, the sustainable use of natural resources (fisheries, minerals, oil & gas)

						and the integrated management large ocean management areas.
Otolith Research Laboratory	Research	Fisheries Research	NS	gov	5	To the fisheries biologist, the otolith is one of the most important tools for understanding the life of fish and fish populations. Growth rings (annuli) not unlike those of a tree record the age and growth of a fish from the date of hatch to the time of death. Daily growth rings formed in the first year of life, and visible only through a microscope, record daily age and growth patterns in surprising detail. And sophisticated chemical techniques allow the reconstruction of everything from the year of hatch, to migration pathways, to the temperature of the water. Indeed, virtually the entire lifetime of the fish is recorded in the otolith. For that reason, otoliths are used and studied in almost every fisheries laboratory in the world. They also make ideal class or science projects, suitable for both high school and supervised elementary school students.

Empire Genomics	Biotechnology	Genomics	NY	p	3	In this era of ever changing technology, Empire Genomics delivers the most advanced genomic tools to aid the scientific community in its research and diagnostic challenges. Our superior genomic platform utilizes proprietary techniques that allow for the fast and accurate detection of chromosomal aberrations. Through many years of experience in the area of comparative genomic hybridization and our superior genomic platform, we are able to provide continuous support for research and diagnostic applications in areas of cancer biology, biomarkers, drug discovery, prenatal screening, developmental disorders and autism, among many others.
Knudsen Systems Inc	Equipment Manufacturing	Acoustics	NY	p	4	Knudsen echosounders are used for precision measurement of water depths for a variety of applications, ranging from hydrographic surveys to oceanographic research to precise ship navigation. Currently, KEL produces four lines of echosounders for different applications: Shallow Water Survey, Deep Ocean Survey, Scientific & Sub-bottom Research, and Naval Navigation.
Poseidon Sciences	Research and Development	Marine Science	NY	p	4	Poseidon has three areas of major interest: (1) Solutions to environmental and commercial technologies adversely affecting our oceanic environment; (2) Innovations in the artificial culture of marine and freshwater organisms of economic importance; and (3) the development of natural compounds for use in medical treatments. The first has led to the development of a novel concept that prevents the attachment of barnacles, accomplished through the use of environmen-

						tally friendly biochemicals instead of deadly man-made toxins that are now slowly killing our oceans. The second has led us to ways of producing marine food organisms that reduce the harvesting pressures on natural populations. The third has resulted in the discovery of compounds for skin diseases, diabetes and malaria control.
PMI Industries Inc	Equipment Manufacturing	Underwater Cabling	OH	p	5	PMI provides underwater cable products & services to customers worldwide. We interface closely with our customers working in ocean industries as well as educational and research institutions who endeavor to explore marine frontiers.
YSI	Equipment Manufacturing	Ocean Measurements	Ohio	p	3	We work with professionals to develop water monitoring solutions for our planet's natural resources. Whether you are concerned with climate change, floods, droughts, storm water runoff, clean drinking water, or healthy ecosystems, YSI can partner with you to provide reliable water resource instruments and systems. Our instruments, software, and data collection platforms are focused on environmental monitoring and testing. The integrated systems we deliver to our customers help them to obtain critical data about the quality of water.
Wave Energy Technologies Inc	Energy	Wave Power	ON	p	3	Wave Energy Technologies Inc. designed and developed the WET EnGen™. The WET EnGen™ represents many years of research and testing, culminating in a breakthrough technology that converts the energy in ocean

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						waves to electrical power or pressurized water for desalination. Our highly efficient WET EnGen™ is leading edge because of its ability to be applied in the widest range of wave climates throughout the world.
Fisheries and Oceans Candada	Services	Fisheries Research	Ontario	gov	4	Fisheries and Oceans Canada (DFO) and its Special Operating Agency, the Canadian Coast Guard, deliver programs and services that support sustainable use and development of Canada's waterways and aquatic resources.
Shark Marine Technologies Inc.	Equipment Manufacturing	Underwater Instruments	Ontario	p	4	Shark Marine Technologies Inc. is an industry leader in delivering new and innovative technologies to the underwater industry. Your underwater technology specialists since 1984, Shark Marine's founding mandate was to deliver underwater products and services that are innovative, high quality, dependable and cost effective. Shark Marine has delivered on that mandate and has gained global respect for its developments in undersea technology, the expertise it brings to on site operations, and the creative solutions it delivers to unusual and challenging applications.

Sort by: State/Subsector/Rank from "Most Suitable"

SIECAT Wave Energy Accumulator	Energy	Wave Power	On-tario	p	3	The almost limitless supply of wave energy on our oceans and large bodies of water is powered by the sun, is totally sustainable, renewable, Green House Gas (GHG) emissions free, and cries out to be harvested by a viable technology. The vision, at Solar Inspired Energy Inc, is that our unique and proprietary SIE-CATTM Wave Energy Accumulator technology, and further patent enhancements, provides the key to the viable capture of this bountiful but elusive energy, providing Electricity,Hydrogen via electrolysis, and Potable Water via Reverse Osmosis. We look upon the exuberance of the ocean environment, not as a challenge, but rather as an opportunity. This limitless supply of ocean energy off Canada's three shores will support the hydrogen economy, and lead society away from its dependence on hydrocarbons. The world's supply of hydrocarbons needs to be preserved for more valuable commodities than as an internal combustion fuel. The SIE-CATTM technology will spawn the greatest industry, the Energy Industry, as society mines the ocean's surface.
Columbia Power Technologies, LLC	Energy	Wave Power	OR	p	4	Columbia Power Technologies, LLC is an independent company founded in 2005 by Greenlight Energy Resources, Inc. In partnership with Oregon State University, the company is engaged in the development and commercialization of wave energy harvesting devices using novel, off-shore, direct-drive permanent-magnet generator topologies. Columbia's management team

						combines energy industry, engineering, legal, and technology commercialization experience, and is well prepared to be a leader in the field of ocean energy.
Cramer Fish Sciences	Services	Fish Assessments	OR	p	4	Conduct fish population assessments, lead ESA status reviews and consultations, conduct environmental impact assessments. comply with environmental regulations, analyze fish habitat and flow influences, investigate fish passage strategies, simulate fish population dynamics, conduct watershed analyses, implement habitat restoration projects, monitor fish populations and habitat, and provide expert witness and testimony
Oxyvision	Services	Water Technology	Øye	p	3	Oxyvision developes and delivers patent protected oxygenation systems since year 2000 for fishfarming, shrimpfarming and other indusry applications.
Atlantis Technologies	Services	Water Technology	PA	p	4	The mission of Atlantis Technologies is to provide the Specialty Water Treatment Industry with a consolidated, knowledgeable source for their feed equipment needs. Focusing on feed, storage, analysis, and control, Atlantis will furnish the water treatment chemical vendor with the appropriate equipment and expertise to properly apply their products.

Enviroscan, Inc	Equipment Manufacturing	Oceano-graphy	PA	p	4	Enviroscan, Inc. specializes exclusively in nonintrusive, nondestructive geophysics - the science of detecting and mapping underground, underwater, or otherwise hidden objects or features. Despite the fancy title, geophysics is really just the earth science equivalent of medical radiology. Just as radiologists use noninvasive techniques to diagnose internal problems and minimize (and make safer) invasive surgery, geophysicists can detect and delineate subsurface features to minimize (and make safer) intrusive digging or drilling. Most importantly, geophysics can provide early warning of subsurface hazards such as buried utilities, sinkholes, drums, USTs, contaminant plumes, etc., - eliminating costly mid-project surprises.
VideoRay	Equipment Manufacturing	ROV	PA	p	2	ROV's that can be used for: Aquaculture Broadcast HD,Commercial Diving, Educational, Infrastructure, Law Enforcement, Hydroelectric, Offshore, Military, Science & Research, Sport, Water Management
Maurice Lamontagne Institute	Research	Marine Science	Que bec	gov	5	The Maurice Lamontagne Institute (MLI), located near Mont-Joli, in the province of Québec, on the shores of the St. Lawrence Estuary, is part of Fisheries and Oceans Canada's network of a dozen research centres and is one of the world's major francophone marine sciences centres. Inaugurated in 1987, the Maurice Lamontagne Institute has some 400 employees, and also welcomes post-doctorate fellows, visiting scientists and students. Many state of the art projects are carried out in collaboration with the fisheries and commercial ship-

						ping industries, as well as with universities.
Ametek SCP, Inc.	Equipment Manufacturing	Underwater Cabling	RI	p	3	AMETEK SCP, Inc. a world leader in underwater cable and connector solutions for military and commercial applications. AMETEK SCP offers rugged Gigabit Ethernet connectors for explosive shock, vibration, deep submergence or harsh surface environments, glass to metal seals, hull penetrators, MIL-C-24231, MIL-C-24217 connectors, and custom cable assemblies including coax, fiber, power and hybrid designs. Originally founded in 1993 as SEA CON Phoenix, Inc. AMETEK SCP is located adjacent to the Westerly, Rhode Island airport and has Manufacturing and Test capabilities as well as Research and Development staff
Applied Science Associates (Asa)	Services	Software and Systems Design	RI	p	4	Applied Science Associates (ASA) is an international leader in the development and application of computer tools to investigate marine and freshwater environments. ASA answers questions about our environment and human interaction within that environment, using computer models, which simulate physical, chemical, and biological processes. ASA identifies timely, reliable, and cost-effective solutions to environmental problems through the integration of Geographical Information Systems (GIS) with environmental data monitoring and

						modeling.
Atlantic Hydrokinet-ics	Energy	Ocean Energy	RI	p	3	
Bay Marine Inc.	Services	Ship Build-ing and Design	RI	p	3	Bay Marine has been dedicated to providing naval architecture and marine engineering services to the small to mid size commercial fleet. As with many companies within the marine industry, Bay Marine has adapted to provide services to the markets most in need at any given time. We have been involved with the design of fishing vessels, oil skimming vessels, research boats, barges, ferries as well as commercial passenger and sail training vessels. We have worked with a variety of materials from steel and aluminum to wood and fiberglass. We pride ourselves on developing unique solutions to solve customersneeds while maintaining cost efficiency in first cost and life cycle costs. We both draw on personal, practical experience in building vessels, and in Bob's case, operation of vessels. The experience in building/operating and maintaining vessels

						allows a valuable perspective when designing a boat. We know how to design for ease of assembly and for long term maintenance.
BioProcessh20	Services	Water Technology	RI	p	2	BioprocessH2O specializes in the engineered modular solutions to water and wastewater treatment challenges in the municipal and industrial markets. We place a high value on water and therefore, we will provide the best solution to meet a given set of application parameters
Birns Aquamate, LLC	Equipment Manufacturing	Underwater Cabling	RI	p	3	BIRNS AQUAMATE LLC manufactures quality underwater electrical connectors, cable assemblies, and cable terminations for offshore diving, oceanographic, seismic exploration, and defense applications. The company produces a wide range of standard industry connectors such as the 5500 Series, SC, MC, LP, FAWL/FAWM, and Rubber Moulded. BIRNS is the only manufacturer to guarantee and warranty connectors that are fully compatible with other manufacturers. The firm also specializes in fast turn-around for custom design of special connector solutions.

Sort by: State/Subsector/Rank from "Most Suitable"

Center for Economic & Environmental Development @ Roger Williams University	Services	Economic Development	RI	p	2	The Center for Economic and Environmental Development (CEED) draws upon the scientific, legal and business resources of the university to promote the economic development of marine industries that are compatible with a healthy environment. CEED encourages innovative environmental stewardship by involving students, faculty and the local community in strategic educational, management and entrepreneurial initiatives that yield a sustainable environment.
Conusub	Services	Commercial Diving	RI	p	4	Established in 1983, CONUSUB provides support in the subaqueous environment for Science, Engineering and Government agencies. CONUSUB is unique in its ability to adapt, comprehend and implement the latest technologies. Our experienced staff through consultation and coordination meets client objectives safely and on time.
Deepwater Wind	Energy	Ocean Energy Development	RI	p	3	America will need all types of renewable, domestically generated energy in the coming years. But only offshore wind energy can be developed at a rate and scale required to bring about the change we need today. We are developing utility-scale wind farms in deep waters that will provide abundant clean energy — up to 1,000 megawatts or more at each wind farm. Just as important, these large wind farms will be generating power closest to where it's needed most — in energy-constrained East Coast markets where power is commonly generated using fossil fuels and construction of new generation is difficult. In the process of developing

						and operating these wind farms, we will partner with state and local governments to foster economic development. The benefits of new jobs, clean energy, and reduced reliance on foreign energy sources will be seen by coastal communities — and the entire country.
Ecosystem Solutions, Inc	Services	Marine Science	RI	p	3	Services provided include all aspects of wetland science in relation to private, public, commercial and industrial land development. This includes wetland delineations, impact avoidance & minimization statements, wildlife habitat assessments, wetland assessments, construction oversight, biological monitoring, regulatory representation, expert testimony, and permitting & compliance assistance.
Farsounder Inc	Equipment Manufacturing	Sonar	RI	p	4	The FarSounder Ship Protection System is a unique multi-sensor solution with 360º coverage using fixed in-hull sensors. This multi-use system provides underwater threat detection while at anchor and navigation sonar while underway. The system is based on FarSounder's patented sonar technology which produces a complete 3D image with a single ping! System capabilities include 360º detection of divers and other threats with automatic detection, tracking, classification and alarm algorithms. The technology has been optimized for challenging and shallow environments. The display offers

						electronic overlays and can differentiate between divers, marine mammals and other benign objects, with minimal false alarms.
Ideal Windlass Company	Marine Engineering	Instrumentation and Equipment	RI	p	3	Our ability to build custom windlasses makes the selection and installation of windlasses easy even in the most difficult of situations. Because we fabricate our own gear boxes, we have the capability of offering a wide range of customized units. Often this makes the difference in the designing or refurbishing of a vessel.
Ocean Wave Energy Co.	Energy	Wave Energy	RI	p	2	OWECO Ocean Wave Energy Company mission is carbon combustion and nuclear processing reduction, hydrogen/oxygen cycling, and water climate management through utility-scale wave energy conversion to electricity. Founded 1978, in Rhode Island USA, OWECO internationally participates in fostering renewable ocean energy and best practice regulation in the coming sea change. Naturally hydroficient synergy, minimum system geo-engineering, and patented direct-drive technology are applied to high-energy offshore and deep ocean interference waves. The goal is to provide self-supported, quick dis/connectable, and scalable OWEC® Ocean Wave Energy Converter modules having least true cost and environmental impact. The below high or low resolution Windows Media File intro-

						duces the OWEC® system and is best viewed with sound.
Rhode Island Sea Grant	Services	Ocean Conserva-tion	RI	p	3	Based at the University of Rhode Island (URI) Graduate School of Oceanography, Rhode Island Sea Grant is a partnership of the university, the National Sea Grant College Program, the National Oceanic and Atmospheric Administration (NOAA), and the state of Rhode Island. Rhode Island Sea Grant has the distinction of being one of the first four Sea Grant programs in the U.S. It is also home to one of only four Sea Grant Legal Programs in the country—the only one in the Northeast—located at Roger Williams University School of Law. The program supports research, extension, legal, and education programs that address issues in the thematic areas of sustainable coastal development, healthy coastal ecosystems, and safe and sustainable seafood.

Sort by: State/Subsector/Rank from "Most Suitable"

Slater Center for Marine and Evnironmental Technologies	Services	Technology Incubator	RI	p	4	Building on Rhode Island's strong maritime heritage and commitment to its natural resources, the mission of the Slater Center for Marine and Environmental Technologies is to accelerate the transfer of ideas and innovations from Rhode Island's scientists, engineers, entrepreneurs, and research institutions into new technology businesses. The Center supports startup ventures by helping them to convert their promising ideas from scientific concepts to marketable products, through seed funding, business services, strategic partnerships and collaborations, and finally to access institutional capital for future growth. The Center's ultimate objective is to stimulateRhode Island entrepreneurships and economic growth for its residents.
SubChem Systems, Inc	Equipment Manufacturing	Ocean Measurement Technology Improvement	RI	p	3	is a Rhode Island small business, and contractor for the US Department of Defense. Our company offers specialized submersible chemical analyzers for nutrients, trace metals and other chemicals of interest. We also provide environmental data collection and analysis software, environmental and ocean engineering consulting services, and technical support for water quality monitoring in freshwater, coastal and ocean observation programs. The primary goal of our company is to develop and provide new and improved technology to the global environmental, oceanographic and defense markets - submersible chemical analyzers and sensor systems for water quality monitoring and un-

						derwater surveillance.
SyQwest	Equipment Manufacturing	Acoustics	RI	p	5	Syqwest Inc.has a dedicated staff of professionals whom strive to provide exceptional and innovative acoustic solutions to our global marketplace. Our engineering staff has over 150 years of combined experience in sonar and acoustic solutions. We have provided innovative product designs for applications in; marine hydrographic and geophysical surveying as well as military sonar markets worldwide. Our principal technologists are prior employees of Raytheon and have significant experience in the design, manufacturing and support of sophisticated acoustic instrumentation. Our products are of the highest quality and are "best of breed "in price and performance characteristics. Over the past ten years we have delivered over 3,000 sonar systems to satisfied customers worldwide.

Sort by: State/Subsector/Rank from "Most Suitable"

URI Graduate School of Oceanography	Research and Education	Oceano-graphy	RI	np	4	For five decades, studies of the ocean and marine environments have been a central focus of research and teaching at the University of Rhode Island Graduate School of Oceanography (GSO). Located on the water's edge at the University's Narragansett Bay Campus, GSO is an internationally respected oceanographic institution with a longstanding seagoing tradition. Founded in 1936 as the URI Narragansett Marine Laboratory, and reorganized as the Graduate School of Oceanography in 1961, GSO is the state's center for marine studies and cutting-edge research and outreach. GSO was founded as an institution without rigid boundaries between oceanographic sub-disciplines of biological, chemical, geological, and physical oceanography as well as archaeological oceanography and atmospheric chemistry. The result is a collegial school - an ideal setting for students, faculty and staff to collaboratively address the science questions and challenges of today.
Interactive Oceano-graphics	Equipment Manufacturing	Ocean Mea-surements	RI	p	2	Offers a wide variety of streamlining technology to assist in bathymetric and water quality mapping.
Pyrcon	Research and Development	Acoustics	RI	p	3	Pyrcon, LLC is a 3-year-old start-up spun off the University of Rhode Island. Pyrcon is developing a forward-looking sonar that can detect the presence of underwater obstacles out to 2 nautical miles. The sonar will be wet-installable on the bow of large commercial vessels. This multi-beam phase-array sonar can provide a map of bottom depth that could be useful for navigating in

						risky harbors. SOCP members are currently looking at evaluating this new technology on their vessels to reduce the risk of coming in contact with underwater obstacles. 'Underwater avoidance sonar systems.
Marine Biotechnology Program (NOAA)	Biotechnology	Research	SC	gov	2	The Marine Biotechnology Program (MBP) addresses questions in biodiversity, environmental health, population genetics of marine mammals and fishes, through application of molecular and cellular biology. Research core areas in the MB Program are: Genetics, Bioindicators, and Pathobiology. The Atlantic-Gulf Genetics (TAGG) Center investigates population genetics of marine species, and uses genetic information to help in the identification of marine species ranging from fish eggs and larvae to marine mammal carcasses. These studies aid critical management and enforcement decisions for the long-term conservation and use of living marine resources. The Bioindicator Project investigates multiple measures of health at different biological levels to assess environmental stressors on resource and ecosystem health. A joint Pathobiology Project with the satellite NOS research facility in Oxford, MD investigates the effects of natural and anthropogenic factors on the occurrence and persistence of diseases, and the use and development of marine resources. The Marine Biotechnology Program is also the research and development arm of the Forensics Branch and develops assays and technology to assist forensics cases in support of law

						enforcement.
Aquamarine Power	Energy	Wave Energy	Scot-land	p	4	We set up Aquamarine Power in 2005 to bring our innovative wave energy technology known as Oyster to the commercial market. Our vision is to make marine renewable energy mainstream.
GenPro Energy Solutions	Energy	Ocean Energy	SD	p	4	Delivers sustainable, renewable energy products and systemsworldwide. We provide solar modules, solar-powered water pumping systems, wind turbines, solar thermal heating systems, water purification systems, LED lighting, grid-tieand off-grid systems, and more.

Sort by: State/Subsector/Rank from "Most Suitable"

Advanced Equipment and Services Inc	Equipment Manufacturing	Water Technology	TX	p	4	ADVANCEES is a global provider of custom skid-mounted water purification equipment such us seawater desalination plants, brackish reverse osmosis units, ultrafiltration, nano filtration and Softeners. These units can come with different options as booster and feed pump skids, electrodeionization, MM filters, Ozone generators, UV systems, Pre-treatment and post-treatment units. Also we offer a variety of services as commissioning, start-up, membrane chemical cleaning, scada systems, automatic data logging, remote monitoring, unit refurbishment, energy recovery device retrofits, process optimization, consumables, spare parts and trainingWe remove contaminants from untreated water to produce water that is pure enough for its intended use, most commonly human consumption and special industrial application such us Pharmceutical, Boilers, Electronic components, Farms, Power plants, etc.
Lighthouse R&D Enterprises, Inc	Services	Ocean Measurement Systems	TX	p	4	Lighthouse R&D Enterprises, Inc. serves the global community by producing underwater monitoring systems capable of measuring time-series phenomena such as physical and chemical oceanographic properties, and seismic and wave height data for tsunami warning systems. Systems are installed as either autonomous moorings, with periodic data recovery, or connected to a shore facility by fiber-optic cable for real-time data delivery. Our state of the art systems use the most innovative concepts, forward-thinking technology,

						and environmentally sensitive collection methods available.
Marine Biomedical Institute	Biotechnology	Research	TX	np	4	The Department of Marine Science's primary focus of research is primarily cephalopods, that is squids, cuttlefishes, octopuses, and the chambered nautilus. These molluscs are considered to be the most highly evolved marine invertebrates, and for more than 60 years many of their organ systems, specifically their sense organs (e.g., eyes and equilibrium receptor systems) and nervous system (brain, giant axon, and giant synapse) have been valuable model systems for comparative morphological, physiological and behavioral research on the equivalent vertebrate systems. In addition, several of their tissues (e.g., the optic lobe, retina, and ink sac) have been utilized because they are extremely rich sources for biomedically important substances (acetylcholine, G-protein, and melanin, respectively). The biological disciplines applied range from anatomy, physiology, neurobiology, pharmacology, nutrition, and pathology, to behavior, ecology and mariculture. The Division also operates three research vessels for nearshore and offshore marine studies; they may be leased for scientific endeavors.

Sort by: State/Subsector/Rank from "Most Suitable"

Marine Ecotoxicology Research Station	Research	Ocean Conservation	TX	np	4	MERS is a field station affiliated to the Columbia Environmental Research Center (CERC), USGS. It is dedicated to conducting ecotoxicological studies for the assessment of biological effects of contaminants in marine and estuarine environments. Its mission of is to conduct research that will promote: * Proper decision-making in environmental management, leading to better preservation of marine biological resources and * Enhancement of the quality of marine biological resources, and ultimately, of human life.
Marine Mammal Research Program (Texas A&M)	Research	Marine Science	TX	np	3	The Marine Mammal Research Program acts as an umbrella under which multidisciplinary research on the behavior, ecology, taxonomy, anatomy, physiology, toxicology, parasitology, and conservation of marine mammals is organized and integrated.
Seanic Ocean Systems	Equipment Manufacturing	Subsea Support Services	TX	p	3	From launch to job execution to recovery, Seanic Ocean Systems understands deepwater operations due to our diverse experience. We consistently deliver High Quality Engineered Solutions, based on real-world experience, saving you time and money. Custom, quick-turnaround Intervention tooling empowers your ROV to successfully do the tough jobs your customers demand. From engineering to FAT, we build products that perform. Dependable, field-proven standard product line tools are available to Purchase or Rent today. Our comprehensive toolbox is comprised of custom and standard products, specifically designed to meet to-

						day's challenging subsea operations.
Shoreline Environmental Research Facility	Research	Ocean Measurement Technology Improvement	TX	np	3	The Shoreline Environmental Research Facility (SERF) endeavors to parallel its research strategies such that they align with those of national significance. Specifically, SERF's programmatic research theme is similar to that proposed by the National Science Foundation (NSF), entitled "Collaborative Large-Scale Engineering Analysis Network for Environmental Research", or CLEANER. CLEANER is an initiative for collaborative research to support adaptive and sustainable environmental management, with the ultimate objective of facilitating a dynamic network for national and international coastal margins research and policy-making. SERF stresses sensor development, deployment, and applications for data collection (both geo-referenced fine-scale spatial surveys and fixed-point time-series), information synthesis, and analysis for integrative predictive whole coastal ecosystem modeling based on in-situ continuous, periodic, and episodic monitoring.

Sort by: State/Subsector/Rank from "Most Suitable"

The Laboratory for Oceanographic and Environmental Research	Research and Education	Marine Science	TX	np	3	The Laboratory for Oceanographic and Environmental Research (LOER) was organized in 1989 at the Fort Crockett Campus of Texas A & M University in Galveston as a research arm of the Department of Marine Science. The primary mission of LOER is to provide state of the art common access analytical facilities and support for coordinated interdisciplinary research efforts in environmental and biogeochemical studies. Numerous research scientists, postdoctoral investigators, graduate and undergraduate students, and staff interested in marine and aquatic environmental research also use LOER facilities. LOER maintains a close affiliation with and receives support from the Coastal Zone Laboratory and the Texas Institute of Oceanography.
BioNutraTech, Inc	Biotechnology	bio-nutrients	TX	p	2	BioNutraTech, Inc. manufactures and distributes microencapsulated bio-nutrients that stimulate microbial activity for advanced commercial, industrial, and environmental bioremediation. Our patented products provide essential nutrients that stimulate and sustain the accelerated growth of highly desirable types of naturally occurring microbes that are already present in targeted wastes. The microbes increase in strength and concentration to convert organic wastes and contaminants into benign products like water and carbon dioxide. BioNutraTech products restore the environment naturally and are safe and easy to handle.

Sort by: State/Subsector/Rank from "Most Suitable"

Marine Acoustics Inc.	Services	Consulting	VA	p	4	MAI is a global scientific and engineering company providing a diverse set of government, corporate and international clients with a broad spectrum of consulting and engineering services. Our areas of expertise include a full range of environmental compliance services, undersea warfare design, test and evaluation services, marine environmental compliance, sea test planning and support, all supported by an award winning and internationally recognized research and development program. 3 offices (NH, VA, RI)
Ocean Associates, Inc	Services	Fish Assessments	VA	p	4	Ocean Associates, Incorporated provides professional consulting services to government organizations, UN agencies, academia, non-governmental organizations (NGOs), and the private sector. OAI experts have carried out ocean and fisheries projects throughout the world.
Virginia Aquaculture Association	Research and Education	Aquaculture	VA	P	2	Advocate just and proper laws and regulations that may be necessary for the advancement, promotion, expansion, and well-being of the aquaculture and mariculture businesses in Virginia. Conduct and support activities to assist in the development of these businesses in Virginia, including workshops and farm tours. Pave the way for the future of aquaculture by supporting youth aquaculture initiatives. Compile and communicate research needsof the industry to Virginia's aquaculture research institutions. Promote the products and services of members; And, promote public education

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Virginia Institute of Marine Science	Research and Education	Marine Science	VA	P	4	The Virginia Institute of Marine Science (VIMS) has a three-part mission of research, education, and advisory service. Our over-arching goals are to make seminal advances in understanding marine systems through research and discovery. Translate research findings into practical solutions to complex issues of societal importance, and provide new generations of researchers, educators, problem solvers, and managers with a marine-science education of unsurpassed quality. Also working on a seagrass program, aquaculture research, and offers sustainable seafood recipes.
Aquacare Environment, Inc	Equipment Manufacturing	Aquaculture	WA	p	4	Aquacare Environment Inc. supplies controlled environment aquaculture technology to the aquaculture industry. Our team specializes in intensive land-based controlled environment aquaculture systems. Aquacare can develop, design and supply complete fish farms for clients worldwide, and can supply cost effective prefabricated system components to existing farms. Click here to view our PORTFOLIO for some past and present projects. Aquacare was established in 1987 dedicated to developing and marketing cost-effective equipment and systems for modern, intensive land-based fish farming. These systems are based on proven, conservative biological practices, and the integration of specialized equipment components into a fish farm that provides an optimum environment for fish health and growth.

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BlueView Technologies	Equipment Manufacturing	Acoustics	WA	p	3	Provides acoustic underwater vision and measurement solutions that enable safe, secure, accurate, and efficient underwater operations.
Corvus Energy*	Materials and Supplies	Power Supplies	WA	p	3	We aim for excellence in everything we do. Simply put; we are determined to be the best lithium ion battery company in the world. Our aim is to bring the technology, the reliability and the quality of lithium energy to its full potential. All of our "energy" is focused on building the best batteries. We are confident that you, our valued customers, will appreciate the passion and commitment we bring to meeting your needs. Our state of the art batteries and our full service guarantee will ensure you always choose Corvus to fulfill all of your battery needs.
Marine Management Services (MMS)	Services	Boat Maintenance	WA	p	4	Maritime Management Services, Inc. (MMS) is a vessel management and crewing company providing quality management personnel with the knowledge to successfully and cost effectively manage marine resources by analyzing the customer's requirement, adapting to what current and future needs will be and understanding the changing maritime environment. MMS provides professional, experienced and forward-thinking vessel management. With an MMS management team in place, vessel owners enjoy peace of mind; knowing their vessels are provided with the infrastructure, personnel, and technical and operational management experience necessary to successfully operate vessels in

						compliance with applicable class, flag-state and international rules. MMS creates a vessel management plan that simultaneously looks after the owner's interests, the safety of the vessel, her crew and the environment.
Marine Sciences Laboratory (Battelle)	Research and Development	Marine Science	WA	gov	3	Building upon a history of research related to marine and coastal resources, environmental chemistry, water resources modeling, ecotoxicology and biotechnology—and more recently, national and homeland security,
Markey Machinery Company	Equipment Manufacturing	Marine Engineering	WA	p	2	Markey's advanced oceanographic winch systems provide ultimate dependability, reliability and precise performance when and where you want it. Operating within critical windows of opportunity you can count on our sustom winches, capstans, windlasses and auxiliary machinery for the successful execution and completion of your research.

Sort by: State/Subsector/Rank from "Most Suitable"

Principle Power Inc	Energy	Offshore Wind Energy	WA	p	4	Principle Power is a technology developer focused on the deep-water (greater than 50m) offshore wind energy market. Principle Power's enabling product, a floating wind turbine foundation called WindFloat, provides for siting of offshore wind turbines independent of water depth, thus exploiting the world's highest capacity wind resources. Deep-water offshore wind installations, to date, have not been feasible due to economic and technological limitations.
Sea-Bird Electronics, Inc.	Equipment Manufacturing	Software and Systems Design	WA	p	3	Sea-Bird Electronics, Inc**.** is the largest manufacturer of marine instruments for measurement of salinity, temperature, pressure, dissolved oxygen, and related oceanographic variables. Major products include Conductivity/Temperature/Depth (CTD) profilers, multi-bottle *in-situ* water samplers, moored CT recorders, wave/tide recorders, dissolved oxygen sensors, and thermosalinographs
Sound Metrics	Equipment Manufacturing	Underwater Imaging	WA	p	3	Sound Metrics imaging sonars transmit sound pulses and convert the returning echoes into digital images, much like a medical ultrasound sonogram. The advantage is that they can "see" what's going on through dark or turbid (cloudy) water in zero visibility conditions. The performance of an imaging sonar—from the distance at which they can detect an object, to the clarity of the image, to the number of images they can display per second—are determined by a number of specifications, most notably the operating frequency, acoustic beamwidth and processing power and time to form

					an image. Sound Metrics sonars use acoustic lens technology which forms beams instantaneously using zero power. The company's line of products can be deployed from vessels, ROVs (remotely operated vehicles), AUVs (autonomous underwater vehicles) and by divers.
AR Engineering	Equipment Manufacturing	Software and Systems Design	p	1	AR Engineering is a global specialist in building and designing fully integrated marine computer systems, that can include computer based integrated bridge systems, virtual instrumentation, chart navigation, radar, sonar, nightvision, entertainment systems, and more. Our attention to detail, coupled with our well thought out, efficient designs set us apart from the rest. We use the latest in computer technology coupled with common sense and the experience to know what really works on the water. Our ability to customize and design the system to your needs adds confidence and safety to your voyage.
C & C Technologies, Inc	Services	Marine Surveying	p	1	C & C Technologies, Inc. is a privately-owned international surveying and mapping company specializing in deepwater services, with 600 employees worldwide. Our cutting-edge technologies, inspiring workplace and "can do" attitude endear our clients and attract the industry's leading innovators. C & C services include

					CCGIS Map, C-Nav GNSS, Geophysical and geosciences survey services, Geotechnical services, Government services, Marine construction survey services, Unmanned systems
Canadian Groundfish Research and Conservation Society	Research and Education	Fisheries Research	p	3	The CGRCS works cooperatively and in partnership with Department of Fisheries and Oceans scientists and managers on research activities and operational programs in support of a healthy and well-managed fishery. The Department of Fisheries and Oceans and the Groundfish trawl industry pioneered the accountability process through the development of the 100% dockside monitoring and at-sea observer programs. The dockside-monitoring program was created in 1994 to accurately account for landed catch. The at-sea observer program was created in 1996 to monitor stock specific species catches and releases and collect biological samples and scientific information that assist scientists in assessing the health of Groundfish stocks.
Deltares	Services	Environmental Management	p	2	Climate change, rising sea levels and vulnerable dunes are combining to put pressure on coastlines. We want to live safely behind the coastlines, so we must have good coastal and marine management. We achieve that goal by using the dynamics of nature to structure coastal areas. With sustainable coastal engineering, we deploy nature development to improve safety. We stop the advance of the sea by depositing extra sand in the foreshore and letting nature do its work. Climate

					change results in more extreme weather conditions. Deltares maps out the impact of this on nature, water defences, coastal engineering projects, energy supplies and transport. Technology is not the only factor involved in work on coastal areas; issues like enviremental development and public support also play a role. We bring together the various angles in an integrated approach.
Environmental Law Institute	Services	Environmental Management	np	2	ELI is committed to democratic governance, the rule of law, and policy innovation as keys to achieving environmental quality and sustainable development. Publisher of: ELR®—The Environmental Law Reporter® and The Environmental Forum® and National Wetlands Newsletter® ELI has played a pivotal role in shaping the fields of environmental law, policy, and management, domestically and abroad. Today, we enter our fifth decade as an internationally recognized, non-partisan research and education center working to strengthen environmental protection by improving law and governance worldwide.
Hegg Marine Solutions (Div. of Falmouth Scientific)	Equipment Manufacturing	Acoustics	p	3	Hegg Marine Solutions, now a division of Falmouth Scientific, Inc. was started April 2008 by owner and operator, Frederick Hegg. He has over 25 years experience in the ocean industry. Fred has been involved in the development of a wide range of products from acoustic positioning and release systems to 6000m rated deep towed sonar systems. His most recent projects have been related to developments in high resolution swath

					bathymetry systems for shallow water applications.
Ocean Conservancy	Services	Ocean Conserva-tion	np	3	Ocean Conservancy educates and empowers citizens to take action on behalf of the ocean. From the Arctic to the Gulf of Mexico to the halls of Congress, Ocean Conservancy brings people together to find solutions for our water planet. Informed by science, our work guides policy and engages people in protecting the ocean and its wildlife for future generations
Ocean Observatories Initiative	Research	Ocean Mea-surement Systems	np	4	The OOI, a project funded by the National Science Foundation, is planned as a networked infrastructure of science-driven sensor systems to measure the physical, chemical, geological and biological variables in the ocean and seafloor. The OOI will be one fully integrated system collecting data on coastal, regional and global scales. Greater knowledge of the ocean's interrelated systems is vital for increased understanding of their effects on biodiversity, ocean and coastal ecosystems, ecosystem health and climate change. OOI will put real time ocean observing data in the hands of a vast user community of oceanographers, scientists and researchers, educators and the public.

Oceana	Research and Education	Ocean Conserva-tion	np	3	The largest international organization focused solely on ocean conservation. Offices in North America, South America and Europe work together on a limited number of strategic, directed campaigns to achieve measurable outcomes that will help return our oceans to former levels of abundance. They believe in the importance of science in identifying problems and solutions. Scientists work closely with teams of economists, lawyers and advocates to achieve tangible results for the oceans. Closest regional office is in NY.
Offshore Wind Development Coalition	Energy	Offshore Wind Energy	np	2	The Offshore Wind Development Coalition (or OffshoreWindDC) is a group of businesses advocating for federal policy initiatives promoting the development of offshore wind farms. These wind farms generate clean, renewable energy and, at utility scale, can each provide enough power to meet the electricity needs of more than 100,000 homes a year.
Pew Environmental Group	Research and Development	Fisheries Research	np	3	The cornerstone of our marine program has always been to encourage the sustainable management of fisheries. To accomplish this goal, we focus primarily on influencing fisheries policy and related management decisions in ways that halt overfishing; significantly reduce the incidental catch and killing of fish and other marine life; prevent the destruction of marine habitat; and encourage an ecosystem-based approach to fisheries management. For two decades, the Pew Environment Group has been dedicated to the dual issues of energy supply and demand, as well as climate change.

					As one of the first organizations to recognize the need to address these issues, Pew has advocated for the adoption of policies to increase energy efficiency, encourage the deployment of renewable forms of energy and reduce greenhouse gas emissions.
Schilling Robotics	Equipment Manufacturing	ROV	p	5	We are consistently raising industry standards with our line of ROV systems, manipulator systems, and subsea control systems. Schilling is strategically partnered with FMC Technologies, Inc., a leading global provider of subsea oil and gas production equipment. Together, we solve the challenges of deep water oil and gas production, a segment of the energy industry on a trajectory of long-term growth.
Schmidt Ocean Institute	Research	Ocean Measurement Technology Improvement	np	2	Schmidt Ocean Institute supports research and exploration projects that help expand the understanding of the world's oceans through technological advancements, data-rich observation and analysis, and open sharing of information. We combine advanced science with state-of-the art technology on our globally capable research vessel to create a lasting legacy in ocean exploration and research, catalyze open sharing of information about the oceans, and foster deeper understanding of our environment. We openly communicate our research findings to global audiences.

World Resources Institute	Research and Education	Ocean Conservation	np	5	An environmental think tank working to move human society to live in ways that protect Earth's environment and its capacity to provide for the needs and aspirations of current and future generations. WRI provides objective information and practical proposals for policy and institutional change that will foster environmentally sound, socially equitable development for.