

*BRITISH COLUMBIA*  
**OFFSHORE**  
**OIL AND GAS**

*Serving the*  
**Offshore**  
**Industry**



*BRITISH COLUMBIA,*  
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**Ministry of Energy and Mines**  
**Offshore Oil and Gas Team**

[www.offshoreoilandgas.gov.bc.ca](http://www.offshoreoilandgas.gov.bc.ca)



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# **Opening Up British Columbia**

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## **Serving the Offshore Industry**



**BRITISH  
COLUMBIA**

**Ministry of Energy and Mines**

## Message from Minister Neufeld

This Directory was prepared for the Offshore Technology Conference, May 2004, Houston, Texas. It lists BC based companies and organizations that participated in the BC Pavilion at OTC. Many of the companies profiled in this directory are working in the international offshore industry and are interested in working with you, both in British Columbia and abroad.

**Sandwell**



**Carmanah**



**QUESTER TANGENT**



It is my pleasure to introduce you to companies that are currently providing services to the offshore oil and gas industry and are ready to take advantage of exciting new opportunities in the industry.



Premier Gordon Campbell and the British Columbia government have taken significant steps to expand opportunities for investment, and business in BC and a dynamic offshore oil and gas industry is an important part of that plan. BC has made the commitment to develop BC's offshore in a way that balances industry growth with environmental responsibility.

Our government has established a team dedicated to establishing the offshore industry in BC and is continuing to work with industry, First Nations, all levels of government and coastal communities to establish a regulatory and investment climate that will enable the industry to develop and flourish.

Please take the time to browse through this directory. Coupled with our rich natural resources, BC is able to offer the industry companies that offer a wide variety of services and have a proven track record and a history of excellence.

I am very excited about the potential of the offshore industry and the opportunities it will bring.

I look forward to working with you and developing a long and rewarding relationship.

For more information, please visit our Web site: [www.offshoreoilandgas.gov.bc.ca](http://www.offshoreoilandgas.gov.bc.ca)

Sincerely,

Richard Neufeld  
Minister of Energy and Mines  
Province of British Columbia

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Physical oceanographic products and services for the offshore oil and gas industry.

1986 Mills Road  
Sidney, British Columbia  
Canada V8L 5Y3

Phone: (250) 656-0177  
Fax: (250) 656-2162  
www.aslenv.com

David Fissel, Vice-President  
dfissel@aslenv.com

Rick Birch, Sr. Oceanographer  
rbirch@aslenv.com



Ice measurements in  
Cook Inlet, Alaska

For over 27 years, often under demanding environmental conditions, ASL Environmental Sciences has carried out over 500 projects in the Arctic, Atlantic and Pacific Oceans.

Our services include:  
Field Measurement Programs  
Tidal Analysis & Predictions  
Environmental Impact  
Assessment and Monitoring  
Extremal Analysis  
Numerical Modeling  
Ice Data Gathering and  
Analysis  
Wave Measurement  
Tactical Ice Forecasting  
Remote Sensing

Our products include:  
Ice Profiler  
Wave Profiler  
Open Channel Acoustic  
Scintillation Flow Meter

\* Extensive Lease Pool of  
Oceanographic Equipment

Our latest projects include measurements of ice, currents, and waves in:

Cook Inlet, Alaska, USA (ice, currents)  
Equatorial Guinea, Africa (currents & waves)  
Pechora Sea, Russia (ice, currents, waves)  
Caspian Sea, Kazakhstan (ice, currents, waves)  
Sakhalin Island, Russia (ice, currents, waves)  
Beaufort Sea, Canada (land-fast ice movement studies)

## Advanced Subsea Services Ltd.



Commercial Diving – ROV Services  
Ocean Technology Support Services

8626 B Lochside Drive  
Sidney, British Columbia  
Canada V8L 1M7

Phone: (250) 656-2682  
Fax: (250) 656-1743  
[www.advancedsubsea.com](http://www.advancedsubsea.com)



Coded wetwelder/diver  
repairing marine structure

Murray Mackay, General Manager  
[murray@advancedsubsea.com](mailto:murray@advancedsubsea.com)

Jason Galvin, Operations Manager  
[jason@advancedsubsea.com](mailto:jason@advancedsubsea.com)

Advanced Subsea Services Ltd. is western Canada's premiere commercial diving, personnel and R.O.V. supply company. In our commitment to meeting our clients' needs, we are dedicated to the highest standards of technical proficiency, marine safety, environmental awareness and professionalism.

Advanced Subsea's global experience comes from working offshore in such diverse environments as Hibernia, Sable Island, Russia, the Caspian Sea, China, India, Thailand, Indonesia, Straits of Malacca and the South China Sea.

We provide a range of services to the civil and offshore marine industry, including vessel maintenance, security inspections, oil and gas platform support, pipeline and submarine cable lay support and protection, trenching, subsea construction, coded wet welding, marine salvage, shoreline and structure erosion control and protection. Our diving capabilities include surface-supplied, air-mixed gas and, if required, saturation diving. As well as light observation to work class ROV's.

## Applied Microsystems Ltd.

**APPLIED** Because it's not just  $H_2O$   
**MICROSYSTEMS**

2071 Malaview West  
Sidney, British Columbia  
Canada V8L 5X6

Phone: (250) 656-0771  
Fax: (250) 655-3655  
[www.appliedmicrosystems.com](http://www.appliedmicrosystems.com)

Robert Haydock, Director of Sales  
& Marketing  
[sales@appliedmicrosystems.com](mailto:sales@appliedmicrosystems.com)



Spill Sentry

In the real world, water is never just  $H_2O$ . This simple premise is the foundation of Applied Microsystems, manufacturer of sensors for in-situ, real-time detection and measurement in water.

Whatever your field of expertise — oceanographic research, environmental protection, or hydrographic marine survey — we have sensors to help. Our product line includes:

### Oil-on-water early warning

- Sensors and systems to identify spills or mere sheens of hydrocarbons-on-water.

### Chemical-in-water detection systems

- In-situ, underwater mass spectrometers capable of detecting ppb chemical concentrations in near real-time.

### CTD instruments

- High accuracy oceanographic instruments.

### Sound velocity instruments

- Inventor/market leader in sound velocity measurement.

### Sensor chains

- Integrated underwater sensor chains custom designed to meet specific applications.

## Burrard Clean Operations



Extensive spill response services and resources, including training, contingency planning, sorbent supplies, and information management.

24-hour spill response: call 604-294-9116

P.O. Box 82070  
Burnaby, British Columbia  
Canada V5C 5P2  
Phone: (604) 294-6001  
Fax: (604) 294-6003  
www.burrardclean.com



"Prepared and in position to respond"

Kevin Gardner, President/General Manager  
kevin@burrardclean.com

Burrard Clean Operations is the Canadian Coast Guard-certified marine oil spill response organization for Canada's west coast. Since 1976, BCO has responded to over 550 spills and developed extensive response expertise and capabilities.

### Services

- 24 hr. spill response, province-wide
- spill response management
- sorbents/equipment sales
- preparedness
  - training/contingency plans/exercises
- spill response information management
  - Asset Management System
  - Resource Management System

### Resources

- Equipment
  - Vessels/barges
  - Response trailers
  - Mobile Incident Command Post supplies
- Personnel
  - Hands-on response
  - ICS Management Team
  - Advisors/Contractors
  - Fishermans Oil Spill Emergency Team

## Carmanah Technologies Inc.



Solar-Powered LED  
Marine Lighting

### Carmanah

Building 4  
203 Harbour Road  
Victoria, British Columbia  
Canada V9A 3S2

Toll-Free: 1-877-722-8877  
Phone: (250) 380-0052  
Fax: (250) 380-0062  
www.solarmarinelights.com  
TSX VE: CMH

Ms. Mimi Drabit  
Manager, Marine Lighting Division  
mdrabit@carmanah.com



U.S. Coast Guard personnel retrofitting a buoy tower with Carmanah Model 702 light

Carmanah Technologies Inc. (Carmanah) is an award-winning manufacturer of solar-powered LED lighting solutions for a wide range of industrial and commercial applications. Through both its international direct and distribution sales programs, the Company has sold more than 85,000 units into 110 countries and has been growing at an average of 74% per year since 1998.

Carmanah's marine navigation lights are truly revolutionary; they are compact, fully integrated and entirely autonomous. Their design lowers the costs of marine lighting by a factor of ten while improving performance and virtually eliminating maintenance. They have become famous amongst coast guards, waterway authorities, navies and seamen worldwide. In fact, Carmanah's 700 Series models are currently the only LED-based marine lights officially approved by the U.S. Coast Guard for use in the U.S. Aids-to-Navigation System.

## EBA Engineering Consultants Ltd.



Sun Life Plaza, Fifth Floor  
1100 Melville Street  
Vancouver, British Columbia  
Canada V6E 4A6

Phone: (604) 685-0275  
Fax: (604) 684-6241

[www.eba.ca](http://www.eba.ca)

Ian Stewart, Vice-President, BC Practice  
[istewart@eba.ca](mailto:istewart@eba.ca)

Martin Jarman, Environmental Coordinator  
[mjarman@eba.ca](mailto:mjarman@eba.ca)

EBA Engineering (EBA) provides a broad range of engineering and scientific consulting services to clients in domestic and foreign markets. EBA has progressively expanded since its inception in 1966 and, today, clients are served by more than 450 engineers, scientists, technologists, and support staff from offices across western and northern Canada.

Within the natural resources sector, EBA serves the mining, oil and gas, water resources, and forestry industries. Our involvement in the urban development sectors extends to residential developments, commercial buildings, water treatment and sewage treatment plants, and urban infrastructure.

EBA has recently acquired a controlling interest in Hay & Company, a firm that specializes in hydraulic and water resources consulting engineering. The merger between the two firms recognizes the growing importance of water resources on a global basis.



## ESI Environmental Sensors Inc.



### ESI's Flo•Point™ Water Cut Sensor

ESI Environmental Sensors Inc.  
100 – 4243 Glanford Avenue  
Victoria, British Columbia  
Canada V8Z 4B9

Phone: (250) 479-6588

Fax: (250) 479-1412

Toll-free: 1-800-799-6324

[info@esica.ca](mailto:info@esica.ca)

[www.esica.ca](http://www.esica.ca)

Environmental Sensors Inc. (ESI) supplies precision water measuring instruments to customers in 45 countries. ESI's patented Flo•Point™ Water Cut Sensor meets the needs of the Oil and Gas Industry.

Using proven Time Domain Transmissometry (TDT) technology, ESI's Flo•Point™ provides real time measurement of 0-100% water cut in an oil stream. The instrument is certified, for CSA Class 1, Groups C and D, and holds CRN OF4060.123. A cast 316 Stainless Steel ANSI 300 instrument body provides direct coupling through standard 2" ANSI 150 flanges into the pipeline. Inexpensive adapters can be provided to connect to ANSI 300 systems. With full automatic compensation for salinity, the instrument provides fluid temperature and, when coupled with a flow meter, provides flow rate.

Flo•Point™ is in operation in oil fields of Western Canada and Russia and has been demonstrated successfully as a quality control monitor in the production of diesel/water emulsion fuel as well as a monitoring device on coolant water storage tanks in the steel industry. Applications include custody transfer, recovery monitoring, and optimization of well production through pump rate adjustment. Flo•Point™ is easily installed, is SCADA compatible and provides a clear display of real time well production information, resulting in increased well efficiency and revenue enhancement.



## Foreshore Technologies Inc.



118 Garden Avenue  
North Vancouver, British Columbia  
Canada V7P 3H2

Phone: (604) 983-3111  
Fax: (604) 983-3454  
www.foreshore.ca

Graham Christie  
graham@foreshore.ca



Foreshore Technologies Inc. (FTI) is a private Canadian company founded in 1984 that specializes in environmental consulting and the inspection and maintenance of marine structures. FTI has developed several proprietary technologies that offer clients value added cost effective service. The Company has offices in British Columbia and Denmark.

FTI has completed more than 600 marine related assignments for government, public and industrial clients throughout Canada, the United States and Europe. These have included large and small harbours, petrochemical companies, ferry terminals, bridges and large maritime structures.

We provide all types of marine biophysical consulting services and structural inspections of marine facilities. We support our superior service through the use of our proprietary tools: the TOAD Sled™ and the PEER™ low frequency ultrasonic testing system.

Foreshore offers:

- Biophysical surveys including Environmental Assessments, Remediation and Monitoring,
- Habitat evaluations and mapping using dGPS,
- Underwater ultrasonic inspection of timber, concrete and steel structures including piling,
- Inspection and analysis of structural timbers for fungal and insect damage,
- Hydrographic surveys.

## Golder Associates Ltd.



A global group of consulting companies specializing in geotechnical engineering and environmental services.

500 – 4260 Still Creek Drive  
Burnaby, British Columbia  
Canada V3C 4S5  
Phone: (604) 296-4200  
Fax: (604) 298-5253  
www.golder.com



Petroleum Facility

Herb Hawson, Principal  
hhawson@golder.com

Dave Munday  
dmunday@golder.com

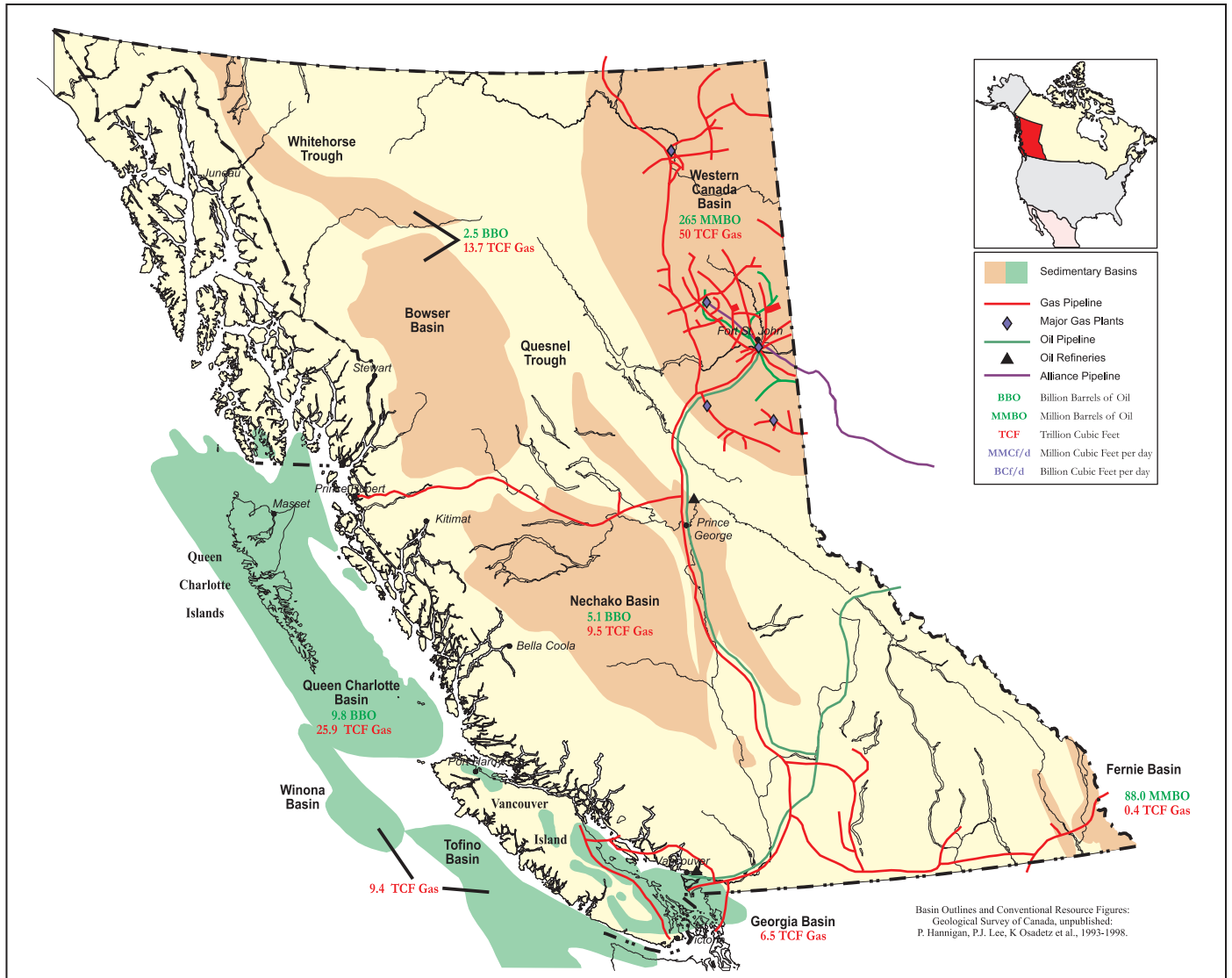
John A. Foster, Principal  
jafoster@golder.com

David S. Kerr, Principal  
dkerr@golder.com

Golder Associates applies state-of-the-art technological solutions, combined with practical experience, to the challenges encountered in offshore construction. With more than 3,000 dedicated people operating in local companies, in offices across Africa, Asia, Australia, Europe, North America, and South America, we are well placed to assist with the geotechnical and environmental aspects of oil and gas offshore projects. We support the offshore oil and gas industry with the following services: geotechnical investigation, submarine slope stability assessments, foundation engineering, geophysical investigations, marine pipeline services, marine geosurvey, materials engineering, and environmental services.

# Opening Up British Columbia – Serving the Offshore Industry

## British Columbia Oil and Gas Resources



## International Submarine Engineering Ltd.



A world leader in the design and integration of autonomous and remotely operated robotic vehicles and terrestrial robotics.

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Port Coquitlam, British Columbia  
Canada V3C 2M8  
Phone: (604) 942-5223  
Fax: (604) 942-7577  
www.ise.bc.ca

James R. McFarlane, President  
james.mcfarlane@ise.bc.ca

Mike Macdonald, Vice-President  
mike.macdonald@ise.bc.ca



ISE Ltd. and ISER Ltd. are high technology engineering companies engaged in the development and manufacture of subsea, land and space robotic systems.

The companies have mature expertise in the manufacture and development of subsea, robotic and control systems.

We offer a range of capabilities from feasibility studies through detailed analysis and design to system development and field support.

ISE and ISER place great emphasis on developing equipment to meet individual customer requirements for each unique mission.

## JASCO Research Ltd.



Providing world-class expertise in the fields of acoustics and acoustic impact assessment.

Suite 2101  
4464 Markham Street  
Victoria, British Columbia  
Canada V8Z 7X8

Phone: (250) 483-3300  
Fax: (250) 483-3301  
www.jasco.com

Roberto Racca, President  
rob@jasco.com

David Hannay, Vice-President  
dave@jasco.com



Monitoring geophysical survey in the Arctic Ocean; advanced sound propagation modelling

JASCO Research Ltd. performs environmental acoustics and vibration monitoring programs, and related research. Our highly qualified scientists and engineers have assisted Canada's oil and gas industry for more than two decades.

JASCO has participated in many acoustical monitoring surveys designed to assess the effects of underwater noise from seismic programs on marine mammals. As oil and gas exploration activities increase, JASCO will continue to provide experienced and innovative scientific support for all aspects of acoustic measurement and prediction.

Specialized Acoustics Services:

- Monitoring of Airborne and Underwater Noise (EIS / EIA);
- Acoustic and Ground Vibration Analysis of Oil and Gas Activities;
- Acoustic Modelling / Prediction Prior to Actual Activities.

## Jacques Whitford



Exceptional People!  
Exceptional Service!  
Exceptional Solutions!

Unit 1  
3771 North Fraser Way  
Burnaby, British Columbia  
Canada V5J 5G5

Phone: (604) 436-3014  
Fax: (604) 436-3752



M & NP Natural Gas Pipeline Project  
From Goldboro to Maine, USA (700  
km) for Maritimes and Northeast  
Pipeline Management Ltd.

info@jacqueswhitford.com  
www.jacqueswhitford.com

Kathy Penney, RVP Western Canada  
kpenney@jacqueswhitford.com

Ward Prystay, Group Manager, Environmental Planning  
and Permitting  
wprystay@jacqueswhitford.com

The Jacques Whitford Group of Companies (Jacques Whitford) is employee-owned, multidisciplinary firm providing consulting services in the fields of engineering, environmental sciences, and social sciences to public and private-sector clients across Canada, the United States and Internationally.

The oil and gas industry has been fundamental to the rapid growth of Jacques Whitford. From the wellhead to the retail pump or burner, we have served all business units in the Oil and Gas sector with a broad spectrum of services including upstream, downstream and pipelines. Jacques Whitford has successfully provided solutions for the established oil and gas sector in Western Canada, the new exploration in Atlantic Canada and in US and international markets.

## Kvaerner Masa Marine Inc.



Naval Architects / Marine Engineers

Vancouver, British Columbia  
Phone: (604) 730-4200  
Fax: (604) 730-4297

Dave McMillan, President  
david.mcmillan@kmmc.net

Houston, Texas  
Phone: (713) 981-2012  
Fax: (713) 270-2944

Ron Pearson, Manager  
ron.pearson@kmmc.net

www.masamarine.com



LNG Technology

Kvaerner Masa Marine Inc. (KMM), a subsidiary of the Aker Yards shipbuilding group, offers more than 20 years of innovative ship design experience to the offshore oil and gas industry.

Recent projects include development of a new LNG containment system for land based or GBS applications, the design of a 202 ft supply vessel delivered to Naviera Tamaulipas by Bender Shipbuilding in late 2003, and conceptual design of a rapid rescue response vessel (R3V) for service in oilfields worldwide.

KMM's experience with linear static, non-linear and dynamic FEA has been applied to the design of offshore structures including platforms and LNG containment facilities. In the last year we have expanded our capabilities in computational fluid dynamics (CFD) in order to provide clients with a cost-effective means of predicting fluid flow and associated forces. KMM employs a total of thirty people in its offices in Houston, Texas and Vancouver, British Columbia.

## Port of Kitimat

British Columbia's International, Industrial, Private-Sector, Port of Kitimat

Bank on Us for a Safe Industrial Harbour

Economic Development District of Kitimat  
270 City Centre  
Kitimat, British Columbia  
Canada V8C 2H7

Phone: (250) 632-8921  
Fax: (250) 632-4995  
www.portofkitimat.com



Kitimat is an international, industrial private sector Port – a rare find on North America's Pacific Coast

Kitimat's natural deep-sea harbour (54°N 128°41'W) nestles at the mouth of the Kitimat Valley, remarkably, one of only two wide flat valleys on the coast of British Columbia.

This extraordinary community was designed for manufacturing and international shipping, a destiny fulfilled -- but far from capacity. Industrial sites totalling over 32,000 acres, and marine access via a deep-sea marine terminal with 449 ft deep-sea berths, 100 tonne Hydraulic Ro-ro barge loading facility and lay-down area 550,500 sq ft can assist the Oil & Gas Industry as it establishes in northwest British Columbia.

- Petrochemicals, Petroleum, Metal, Paper
- Industrial-based economy and labour force
- Specialized industrial-oriented service sector – ISO Certified
- Institute for Industrial Education including Power Engineering School, Emergency Service Training Academy
- Deep-Sea Ocean Terminals, Rail, Trans-Canada Highway, 1 hr to/from Vancouver, Abundant Utility Supply
- Mild-coastal temperate four season climate
- Abundant Room For Growth

## Quester Tangent Corporation

**QUESTER TANGENT** 

Sea floor mapping products and services for drill site characterization and pipeline route survey.

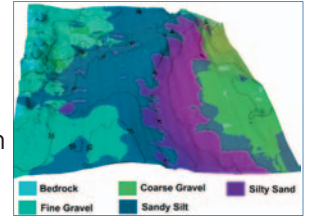
Suite 201 - 9865 West Saanich Road  
Sidney, British Columbia  
Canada V8L 5Y8

Phone: (250) 656-6677  
Fax: (250) 655-4696  
www.questertangent.com

Bill Collins, Vice-President  
bcollins@questertangent.com

Chris Elliott, Sales Manager  
celliott@questertangent.com

Karl Rhynas, Technical Support  
krhynas@questertangent.com



Seabed substrate off Vancouver Island

Quester Tangent provides products and services in support of offshore seabed activities. Our products range from hardware and software for echo sounder bathymetry and sediment characterization to production software for multibeam and sidescan sonar data processing. We provide a full service data processing facility including hydrographic charting, geological mapping, seabed classification and marine data management. We provide high speed electronic transfer of large volumes of data and can fast-track processing and results delivery.

Quester Tangent products are being used in 30 countries. Our experienced staff has worked in the industry in Russia, North Sea and the Canadian East Coast. Our major clients include NOAA and the Canadian Hydrographic Service. Our products have been used in oilfields including East Coast of Canada, South China Sea and the Gulf of Mexico. We are operational in numerous navies including the Royal Dutch Navy, the Swedish Navy, the Spanish Navy and the Indian Navy. Quester Tangent is an ISO 9001-2000 registered company.

## Sandwell

Diversified engineering contractor in offshore, marine, bulk handling and energy sectors.

Suite 600, 885 Dunsmuir Street  
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Canada V6C 1N5

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Fax: (604) 688-5913  
www.sandwell.com



Refurbishment and deepening of the Sandwell-designed Molikpaq arctic structure

John C. Bruce, P.Eng., President  
jbruce@sandwell.com

Gordon A. Lang, P.Eng., Vice-President Operations  
glang@sandwell.com

Jorgito Tseng, P.Eng., Manager Offshore Projects  
jtseng@sandwell.com

Sandwell is currently involved in the development of one of the world's newest offshore areas — Sakhalin, in the Russian Far East. This challenging region requires Sandwell's unique combination of offshore structural, seismic, wave and ice expertise gained in the Canadian Beaufort Sea. Sandwell designs gravity based structures and artificial islands, assesses wave and ice forces, and provides physical and computer modelling.



Newfoundland Transhipment Terminal serving the Hibernia Field



Determine seastate and ship motions in real time. Increase shipboard efficiency and safety.

Unit 20, 4560 West Saanich Road  
Victoria, British Columbia  
Canada V8Z 3G4

Phone: (604) 639-6772  
Fax: (250) 519-0246  
www.sea-image.com

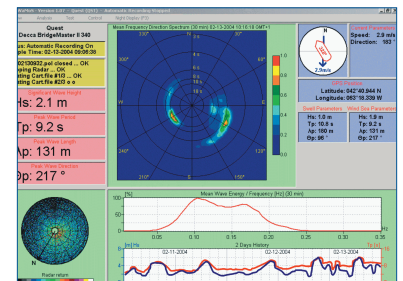
John Edwards, President  
jedwards@sea-image.com

Simon Skey, Vice-President Operations  
sskey@sea-image.com



The WaMoS® II is a reliable Wave and Surface Current Monitoring System designed for operational measurements under harsh environmental conditions.

The system uses the unfiltered output from a standard nautical radar unit to determine wave and surface current parameters in near real-time. It operates automatically and unattended from moored platforms, moving vessels or coastal sites.



The SMC Ship Motion System consists of one or more sensors, linked to an onboard PC, to give a visual, real-time display and analysis of the ship's motions when at sea. Each sensor measures angle, acceleration and shock in three dimensions (x, y and z) of movement. Measuring the angle and related period of roll and pitch, together with 3D acceleration, makes it possible to warn of changes in stability as well as estimate the forces on the ship's hull, superstructure, and on lashings and containers.

## Summer Equipment Ltd.



Wagner marine steering systems; engineered solutions for dependable performance.

7983 Progress Way  
Delta, British Columbia  
Canada V4G 1A3

Phone: (604) 940-4545  
Fax: (604) 940-4566  
www.summerequipment.com  
Tim Rendell, President  
tim@summerequipment.com

Art Rendell, Vice-President Sales  
art@summerequipment.com



Summer Equipment is the manufacturer of high quality Wagner Hydraulic Steering products. Our reputation for quality, reliability and longevity makes Wagner ideal to meet the rigorous requirements of marine operators serving the offshore oil and gas industry. We have direct experience in steering systems for offshore marine supply vessels, support vessels, anchor handling tugs and crew boats.

In addition, Wagner Hydraulic Steering is widely used in the commercial fishing industry, tug boats, utility vessels, patrol launches, coastal freighters, tour boats, passenger ferries, power yachts and sailboats.

Wagner steering systems include 5 different types of steering gears in 60 different sizes, as well as control systems, motor starters, alarm panels, rudder angle indicators and other accessories needed to build complete steering systems. The product line is suitable for all types of vessel up to 500 ft in length. Our manufacturing process and standards meet all the requirements of all marine classification societies.

For more information about Wagner Hydraulic Steering products visit our web site at [www.summerequipment.com](http://www.summerequipment.com) or contact us at (604) 940-4545.

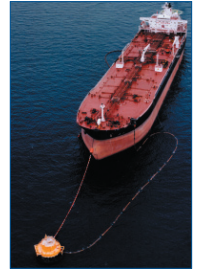
## Teekay Gas and Offshore



Teekay Gas and Offshore

Suite 2000, 550 Burrard Street  
Vancouver, British Columbia  
Canada V6C 2K2

Phone: (604) 683-3529  
Fax: (604) 844-6650  
www.teekay.com



M.T. Dampier Spirit - Stag Field,  
off the coast of N.W. Australia

Key Contacts:

David Glendinning  
President, Teekay Gas and Offshore  
david.glendinning@teekay.com

Peter Webb  
Vice-President, Offshore Business Development  
peter.webb@teekay.com

Peter FUSDahl  
Director, Business Development  
peter.fusdahl@teekay.com

Company Description:

Teekay Shipping is a recognized leader in the oil transportation industry. We provide marine expertise and safe, reliable transportation services for major oil companies, refiners and traders worldwide.

Teekay combines extensive marine technical expertise, proven fleet management skills and a partnership approach to create innovative solutions for customers in the offshore industry. Unrivalled levels of safety, quality and risk management, and a Marine Operations Management System that satisfies the most stringent Safety Case legislation, assures customers of Teekay's commitment to safety and the environment.

## Terra Remote Sensing Inc.



Digital airborne mapping, Geographical Information Systems, Hydrographic charting, and Marine Geophysical surveying.

1962 Mills Road  
Sidney, British Columbia  
Canada V8L 5Y3  
Phone: (250) 656-0931  
Toll-free: 1-800-814-4212  
Fax: (250) 656-4604  
terra@terraremove.com  
www.terraremove.com



Terra Remote's head office  
Sidney, BC Canada

Rick Quinn, President  
rick.quinn@terraremove.com

Harry Olynyk, Head of Marine Geophysics  
harry.olynyk@terraremove.com

Terra Remote Sensing Inc. (TRSI) is a spatial data organization offering world-class expertise and technology for digital airborne mapping, Geographical Information Systems (GIS), hydrographic charting, and marine geophysical surveying.

TRSI provides unique digital mapping solutions for the linear engineering market through powerful, proprietary hardware and software packages. By integrating LIDAR (Light Detection and Ranging) scanning and DDI (Direct Digital Imaging), TRSI provides cost-effective digital mapping to the utility, telecommunication, rail and resource sectors. TRSI's marine solutions are particularly applicable to charting, port and harbour development, submarine pipeline/cable depth of burial and environmental assessments. This combination gives TRSI a comprehensive tool kit from which a broad range of mapping solutions can be designed for either terrestrial or marine applications.

TRSI has successful experience around the globe including projects in the Caribbean, South America, Africa, the Middle East, Southeast Asia and the United States.

## Versatech Products Inc.



Manufacturer and global supplier of oil spill containment and recovery systems.

100 - 13720 Mayfield Place  
Richmond, British Columbia  
Canada V6V 2E4  
Phone: (604) 271-7500  
Fax: (604) 271-7501  
www.versatech.com

Malcolm Reith,  
International Sales Manager  
malcolmr@versatech.com

Rod Asher,  
Canadian Sales Manager  
rasher@versatech.com



Zoom Boom™, Self  
Deploying, Self Inflating Oil Spill  
Containment Boom System

Internationally recognized and approved. Versatech Products has been designing and manufacturing oil spill containment and recovery systems for over 35 years. Our equipment is used in oil spill response throughout the world. Our extensive experience allows us to work with our customers to analyse their requirements and help select the most appropriate and cost-effective systems.

Provide cost effective, reliable and durable options designed specifically for our customers. As a custom manufacturer, we can customize our products to ensure best product performance. Versatech uses only highest quality materials in the manufacturing of its products, offering a complete range of oil spill containment and recovery systems, to include customer training, contingency planning and oil spill management.

New Innovations - Complete oil spill containment / recovery systems.

Zoom Boom™ provides the FASTEST delivery to incident sites, and the fastest and safest deployment when used in conjunction with our DeckPak™ or HeliPak™.



## Pacific Coast Offshore Oil & Gas Assoc.

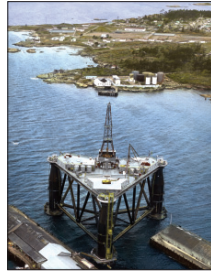


PO Box 166  
Prince Rupert, British Columbia  
Canada V8J 3P6

Phone: (250) 627-8825  
Fax: (250) 622-2555  
pcooga@citytel.net  
www.pccooga.com

Dave McGuigan, Director  
maguigan@citytel.net

Shane Deinstadt, Managing Director  
sdeinsta@kaien.net



SEDCO 135F

The Pacific Coast Offshore Oil and Gas Association [PCOOGA] is a not-for-profit association representing the interests of individuals, companies and other organizations with an interest in the Offshore Oil and Gas industry in British Columbia. The association is a spin off from the original lobby group, North Coast Oil and Gas Task Force that lobbied for the lifting of the moratoria on offshore exploration and development.

PCOOGA is an industry association whose responsibility is to act on behalf of its members in the exploration and development of the offshore oil and gas in British Columbia. PCOOGA acts as a representative for its members to all levels of government and keeps its members informed of any developments in the industry in British Columbia. PCOOGA also acts as a vehicle for other companies from outside the region to members companies within British Columbia.

## Pacific Offshore Energy Association



Pacific Offshore Energy  
Association

“Working to ensure that the people and businesses of British Columbia derive the maximum benefit from potential responsible development of offshore energy”

420 Albert Street  
Nanaimo, British Columbia  
Canada V9R 2V7  
Phone: (250) 753-6405  
Fax: (250) 753-0722  
www.poea.ca



Ed Poli  
Executive Director  
poea@cfnanaimo.org

The Pacific Offshore Energy Association (POEA) is a registered non-profit society that supports the responsible development of energy resources on the West Coast of BC. Our principle objective is to ensure that the people and businesses of British Columbia derive the maximum possible benefits from the opportunities presented by oil and gas development on the West Coast.

POEA's membership comprises individuals, businesses and community organizations who support the responsible development of an offshore oil and gas industry in BC and includes representatives across the province from Terrace and Prince Rupert in the north to Vancouver and Victoria in the south.

POEA is implementing a multi faceted communications strategy aimed at informing coastal members, associates and communities about offshore oil and gas development and maintains an inventory of BC businesses capable of supplying an offshore oil and gas industry.

Additional information about POEA and its activities can be found at [www.poea.ca](http://www.poea.ca)

## Contact Information

For more information please contact:

Ron Burleson

Senior Manager, Fiscal and Economic Policy  
British Columbia Offshore Oil and Gas Team  
Suite 250, 1675 Douglas Street  
Victoria, British Columbia, Canada V8W 9N2  
Telephone: (250) 952-0619  
Facsimile: (250) 356-0582  
Email: ron.burleson@gems7.gov.bc.ca

Ron Smyth, Ph.D., P.Geo.,

Chief Science Officer,  
British Columbia Offshore Oil and Gas Team  
Suite 250, 1675 Douglas Street  
Victoria, British Columbia, Canada V8W 9N2  
Telephone: (250) 952-0547  
Facsimile: (250) 356-0582  
Email: ron.smyth@gems4.gov.bc.ca

Steve Simons

Director of Communications  
British Columbia Offshore Oil and Gas Team  
Suite 250, 1675 Douglas Street  
Victoria, British Columbia, Canada V8W 9N2  
Telephone: (250) 387-1780  
Facsimile: (250) 356-0582  
Email: steven.simons@gems7.gov.bc.ca

J. Scott Morrison

Project Manager  
Ministry of Small Business and Economic Development  
Suite 730, 999 Canada Place  
Vancouver, British Columbia, Canada V6C 3E1  
Telephone: (604) 844-1946  
Facsimile: (604) 660-2457  
Email: scott.morrison@gems8.gov.bc.ca