



BRITISH COLUMBIA OFFSHORE OIL AND GAS



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Ocean Industries BC
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SERVING THE OFFSHORE INDUSTRY



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British Columbia Offshore Oil and Gas

This Directory was prepared for the Offshore Technology Conference, May 2005, Houston, Texas. It lists BC based companies and organizations that participated in the BC Booth 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.

Opening Up British Columbia

Serving the Offshore Industry



Message from Minister Neufeld

British Columbia is a remarkable place to live, work, and play. BC is home to vast energy resources, from gas and oil, to hydro, coal, biomass and wind, and now new opportunities are emerging in ocean energy. As Canada's gateway to the Pacific, BC is strategically located to reach key and growing global markets.



Premier Gordon Campbell and the British Columbia government have taken significant steps to expand opportunities by encouraging both investments within our province as well as marketing the exceptional services hosted in BC to the rest of the world.

Offering one of the most competitive business climates in North America, BC has become an investment destination of choice. BC is expanding due to a new sense of optimism. Coupled with our rich natural resources, BC offers a range of companies capable of delivering a wide variety of products and services in a world-class manner. Business in BC and a dynamic offshore oil and gas industry is an important part of that expansion.

It is my pleasure to introduce you to a number of companies that are currently providing products and services to the global offshore oil and gas and marine industries.

Please take the time to browse through this directory.

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

Sincerely,



Richard Neufeld
Minister of Energy and Mines
Province of British Columbia

Message from Ocean Industries BC

Welcome to OTC 2005 and the British Columbia Booth. British Columbia is an emerging opportunity for the offshore oil and gas industry. Through the leadership of the Governments of British Columbia and Canada, work is underway to lay the groundwork for developing the



oil and natural gas reserves that have been identified off the coast of British Columbia. Ocean Industries BC was created to work with British Columbia-based companies as well as governments to ensure readiness for the development of our offshore resources.

Many British Columbia-based companies are currently working worldwide in the field of offshore energy exploration and development. Some of those are represented at OTC 2005. Please take advantage of the opportunity to discover how with these innovative companies can help your enterprise to grow. If you would like to know more about OIBC, direct your questions to any of the OIBC representatives.

Please visit our website:
www.oceanindustries.ca

Sincerely,



Russ Hellberg
Chair
Ocean Industries BC

Table of Contents

COMPANIES

ARL - Albacore Research Ltd.	1
ASL Environmental Sciences Inc.	2
Advanced Subsea Services Ltd.	3
Aker Marine Inc.	4
Akita Coastal Drilling Ltd.	5
Autoship Systems Corporation	6
BMT Fleet Technology Limited	7
Blake, Cassels & Graydon LLP	8
Burrard Clean Operations	9
Clark Wilson LLP.....	10
Daniels Electronics Ltd.	11
Davis & Company	12
EBA Engineering Consultants Ltd.	13
French Creek Boat Sales Ltd.	14
Foundex Explorations Ltd.	15
InDepth Marine Ltd.	16
International Submarine Engineering Ltd.	17
Ivey International Inc.	18
JASCO Research Ltd.	19
Jacques Whitford Limited	20
MI Swaco	21
McElhanney Consulting Services Ltd.	22
Meyers Norris Penny LLP	23
Nuytco Research Limited	24
Pelican Software Inc.	25

Table of Contents cont'd.

Prince Rupert Port Authority	26
Private Port of Kitimat	27
Quester Tangent Corporation	28
Robert Allan Ltd.	29
Roper Resources Ltd.	30
Sandwell Engineering Inc.	31
Teekay Gas and Offshore	32
VECO Canada Ltd.	33
Vancouver Island Helicopters Ltd.	34

INDUSTRY ASSOCIATION

Ocean Industries BC	35
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AGENCY AND EDUCATIONAL INSTITUTION

BC Innovation Council	36
North Island College	37

CONTACT INFORMATION

BC Offshore Oil and Gas Team	38
Ocean Industries BC	38

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Caspian Sea, Kazakhstan (ice, currents, waves)
Sakhalin Island, Russia (ice, currents, waves)
Beaufort Sea, Canada (land-fast ice movement studies)

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Advanced Subsea Services Ltd. is western Canada's most innovative and resourceful 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 throughout Canada and offshore in such diverse environments as Hibernia, Sable Island, Russia, the Caspian Sea, China, Japan, India, Thailand, Indonesia, Straits of Malacca and the South China Sea.

Advanced Subsea provides a range of services to the civil and offshore marine industries, including vessel maintenance, port and vessel security inspections, oil and gas platform support, pipeline and cable lay support and protection, subsea construction, coded wet welding, marine salvage, trenching, shoreline and structure erosion control and protection. Our diving capabilities include surface-supplied, air-mixed gas and saturation diving. Our ROV capabilities include both light observation and work-class ROV services. We also offer barge/crane services and project planning and logistic support.

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Aker Marine Inc., a subsidiary of the Aker Yards shipbuilding group, employs a total of thirty people in its offices in Houston, Texas and Vancouver, British Columbia, offering more than 20 years of innovative ship design experience to the offshore oil and gas industry.

Aker Marine'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. Our expanded capabilities in computational fluid dynamics (CFD), has provided our clients with a cost-effective means of analyzing and solving complex fluid flow problems.

Recent projects include development of a new LNG containment system for shipboard applications; the contract design of a 240' multi-purpose diving support supply vessel for construction by Eastern Shipbuilding; and preliminary designs for an 8,000 bhp AHTS, a 3,000 ton dwt PSV with four cargo configuration options, and a 4,500 ton dwt PSV for worldwide oilfield service.

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E-mail: robertd@nautsamawt.com

Akita Coastal Drilling Ltd. is a joint venture formed in 2004 between Vancouver Island First Nations groups, Naut'sa mawt Tribal Council (NmTC), Yiasult Management Corporation (YMC) and Akita Drilling Ltd.

Akita Coastal Drilling Ltd. was established to provide drilling and support services in the extraction of Natural Gas from Coal (NGC). The company provides for local First Nations participation and a one-window approach for industry and government when dealing with the local aboriginal people and communities.

Akita Coastal Drilling Ltd. carries on the tradition of partnership and excellence in drilling services through a safe, healthy and environmentally responsible workplace.

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Kal Uppal, Vice-President
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Autoship Systems Corporation's CAD/CAM software is used for design through to construction of all vessel types. Connections with third party software such as piping design and management suites ensure coordination of design and maintenance scheduling activities between naval architects, marine engineers, piping system designers and material supply managers.

ASC's On-board and Load Planning software is used at all stages of vessel operations. Central to the On-board solutions is Autoload. The program reads data from tank, draft, wind and SCR sensors as well as user-input, and then reports on the condition of the vessel. Autoload is often used in conjunction with ASC-developed load planning modules specific to a vessel type, e.g. supply, bulk, ro-ro, oilrig, etc. Ashore, the load planning modules are interfaced with in-house booking systems and are used to create load plans.

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David Stocks, Regional Manager, Pacific



BMT Fleet Technology Limited (BMT) performs applied research and development and engineering, consulting and design in support of the marine and energy industries. The company operates offices in British Columbia, Alberta and Ontario. BMT Fleet Technology is part of the BMT group of companies, a leading, multi-disciplinary engineering and technology consultancy with offices around the world.

BMT provides engineering design services ranging from concept and feasibility studies through to production engineering. The company also acts in a "customer friend" role in construction oversight and delivery of assets.

BMT Fleet Technology's services to the offshore industry include risk assessment, operational and emergency simulation, supply and support vessel design and structural and hydrodynamic analysis. The company has particular expertise related to environmentally challenging areas, ranging from the Canadian Grand Banks to the Caspian Sea.

BMT maintains a fully equipped materials testing laboratory and provides reliability and integrity services to both the onshore and offshore pipeline operators. The company is CWB certified and develops advanced welding procedures and fabrication techniques to optimize quality and production.



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Clark Wilson LLP's Energy Practice Group has experience in onshore and offshore oil and gas exploration and development issues, underground natural gas storage, alternate and green power energy projects, as well as the regulation of electrical generation and transmission.

Our firm brings a unique, local perspective to legal issues relating to the energy sector in British Columbia. We also advise clients involved in other natural resource sectors including mining and mineral exploration (including industrial minerals), forestry and sport fishing.

Our team of energy lawyers includes two former in-house counsel and a former geologist who add value to every energy file.

For additional information on Clark Wilson LLP and our Energy Practice Group, please visit our website at **www.cwilson.com**, or contact:

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Daniels Electronics Ltd. manufactures radio base stations, repeaters and ground to air communications systems from 29-960 MHz. These systems have marine approvals and have been designed to withstand extreme temperature ranges and harsh conditions. They are used by the Canadian Coast Guard for shore to ship communications and by the US Coast Guard in responding to oil spills. Daniels transmitters can also be found in marine buoys collecting environmental data off Spain and Italy.

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Davis & Company is the only Canadian law firm which has grown nationally from a British Columbia base. We service corporate/commercial clients across Canada from offices in Vancouver, Calgary, Edmonton, Toronto and Montréal, as well as in the Yukon and the Northwest Territories. We have over 110 years of involvement and experience in resource-based and infrastructure projects and a strong practise in project development and project finance, as well as a depth of expertise in natural resource and technology-related industries.

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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.

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InDepth Marine Ltd. is a technology leader, specializing in sub-sea applications. We build bullet proof industrial control systems, perform equipment/systems integration, and provide highly skilled personnel for project support.

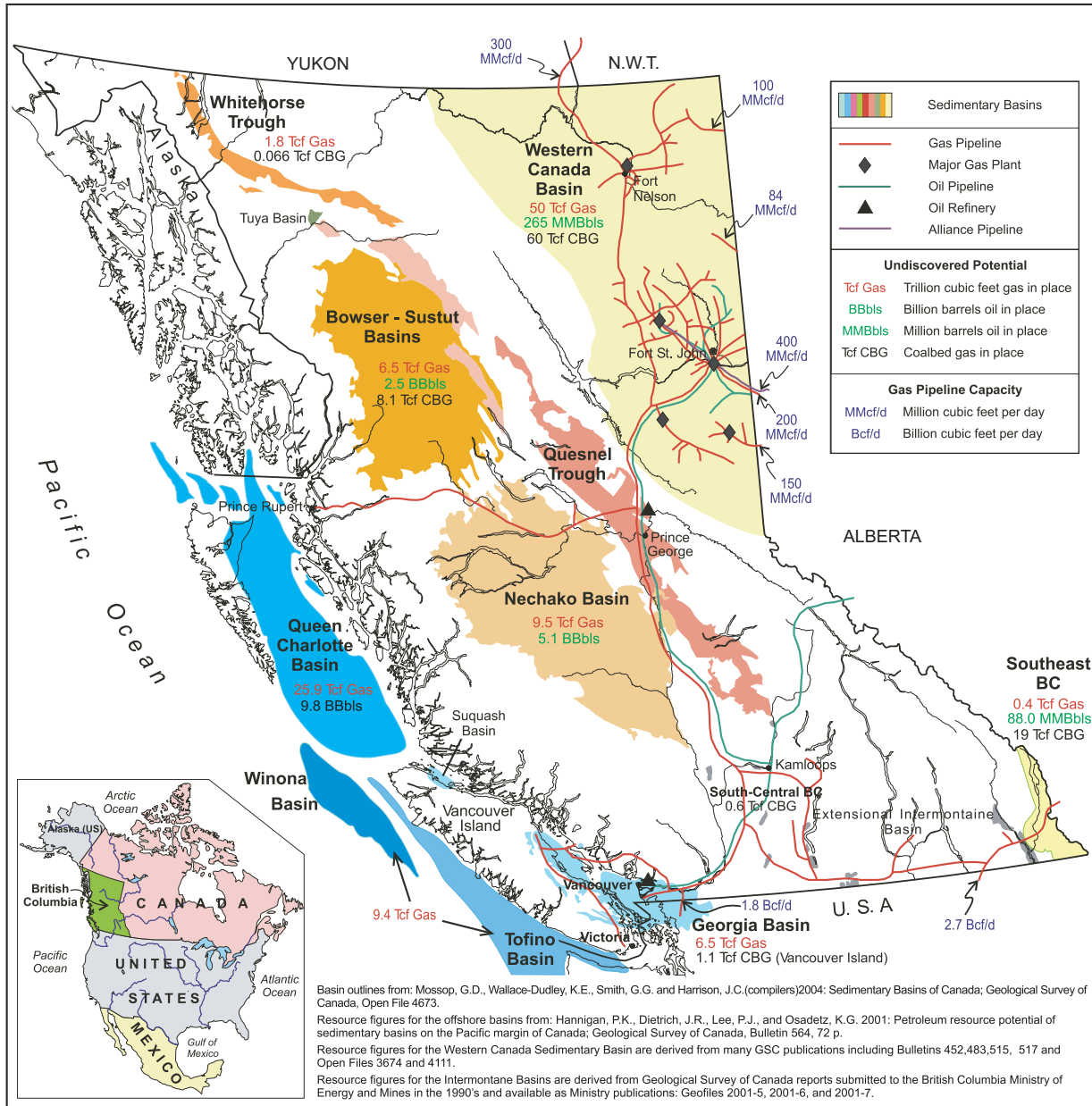
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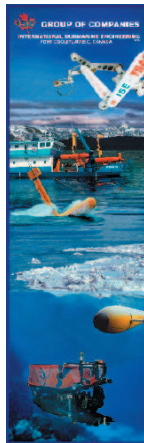


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Ivey International Inc. is an environmental services company that provides environmental products and serves to the Offshore and Oil & Gas Industries. We were nominated for a 2005 National Environmental Globe Award and were a Finalist for a 2004 CUI National Environmental Award. The company holds several international patents and trademarks for our products and processes.

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JASCO Research Ltd.

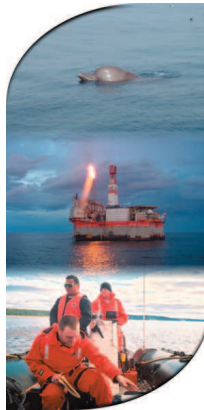


Environmental Acoustics Services

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JASCO Research Ltd provides leading edge acoustics consulting services worldwide to industry, government agencies and the environmental community. We specialize in underwater and atmospheric noise and vibration modelling and monitoring, and associated research and development.

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Jacques Whitford Limited (Jacques Whitford) is an 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 US 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, the US and international markets.



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We are a worldwide company representing a broad array of businesses involved in drilling, reservoir drill-in and completion fluids and services for the petroleum industry; solving the problems of deepwater drilling, solids-control equipment and environmental services; and separation and screening products and services for the municipal and industrial markets. Staffed with self-starting, multi-talented people in 210 locations in 50 countries, we help our customers around the world through locally operated, affiliated companies. These **MI Swaco** companies have the financial and technical support of the entire MI Swaco organization behind them. Our strong local presence gives customers an added degree of reassurance that we understand the region, its economics and its petroleum market. MI Swaco is committed to training and employing the people of the region.

As a company involved in the activity of helping to extract natural resources from the earth, we have an obligation to protect everyone and everything involved in the process. To ensure this is done, MI Swaco has a formal, company-wide Health, Safety and Environmental (HSE) program. Result is to *protect our customers, our people and the world around us.*



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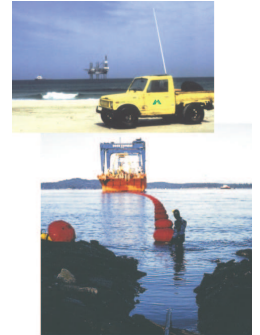
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Nuytco Research Ltd. designs, builds, and operates atmospheric diving suits, submersibles, remotely operated vehicles, HMI lights (200W, 600W and 1200W) and specialty equipment for underwater applications.

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Pelican Software Inc. provides database-process control software to streamline the inventory, invoice, dispatch, and inspection process for pipe and tubing joints for pipeyards across the oil patch. **Tallys!** is in use at over 90% of the pipeyards in the Canadian oil patch, as well as at a number of large international onshore and offshore drilling enterprises.

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Prince Rupert Port Authority

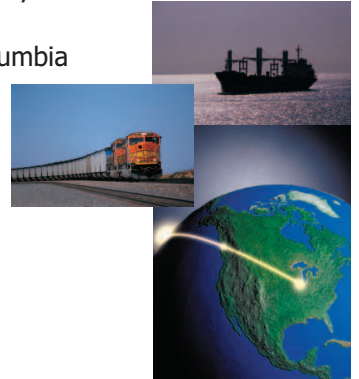


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Strategically located on the north coast of British Columbia on Canada's west coast, the **Port of Prince Rupert** has dedicated grain, coal, cruise ship, and general cargo handling facilities complimenting extensive industrial development property. All are linked to the rest of North America by CN Rail's superior northern mainline.

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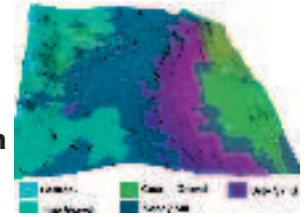
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Robert Allan Ltd. is a 75-year old company that provides consulting services to the Offshore Industry. Projects include the design of major towing, anchor-handling (AHTS), and supply vessels, seismic vessel conversions, work barges, caisson stability analysis, mooring analyses, pipeline risk assessment studies, module transportation studies, and FSO conversions. The company specializes in designs for unique operating environments, including ice covered or extreme shallow draft regions.

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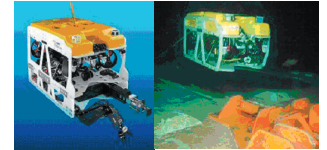


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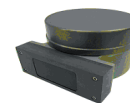
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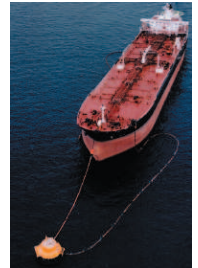
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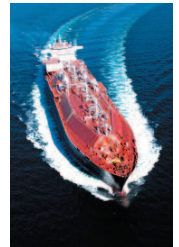
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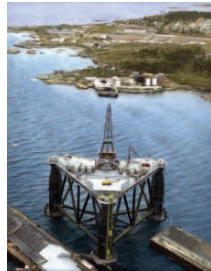
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Ocean Industries BC is an industry association that ensures international participants in British Columbia's ocean industries are fully informed regarding the supply capabilities of British Columbia businesses. Ocean Industries BC helps British Columbia businesses become fully prepared to capitalize on all supply and procurement opportunities. OIBC is the main spokesman for the British Columbia ocean industries in discussions with governments and international ocean industry participants.

Ocean Industries BC promotes the responsible development of British Columbia's ocean industries. OIBC works to ensure that the people and businesses of British Columbia obtain the maximum possible benefits from the opportunities presented by the development of ocean industries on the Pacific Coast.

We encourage and support communication, coordination and developing synergies within the province's ocean industries. OIBC also assists British Columbia businesses to prepare for participation in the economic opportunities that will become available as British Columbia's emerging ocean industries are created and grow.



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Andrew Walls

Ocean/Marine & Energy Sector Development Officer
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The **BC Innovation Council** is a new Crown Agency of the Province of British Columbia, publicly launched in October 2004, as a result of a merger between two prominent technology organizations; the Innovation and Science Council of BC and the Advanced Systems Institute of BC.

The Council's vision is to be the province's lead organization that supports applied research and commercialization of science and technology to foster province-wide economic development. It serves as a one-stop point of access and support to high-technology companies, educational institutions, technology industry and awareness groups, federal science and technology agencies, and university research labs.

The BC Innovation Council encourages innovation in the province's maritime economy by supporting working groups overseeing ocean technology development in areas such as deep ocean science and remote sensing, maritime and port security, renewable ocean energy systems, aquaculture science and offshore oil and gas. These groups share the goal of developing technological tools and expertise to enhance sustainable coastal communities and generating wealth for British Columbians by providing the technology-based goods and services to customers around the world.



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BC Offshore Oil and Gas Team

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