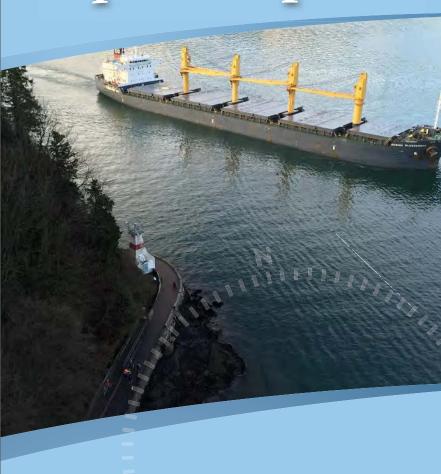


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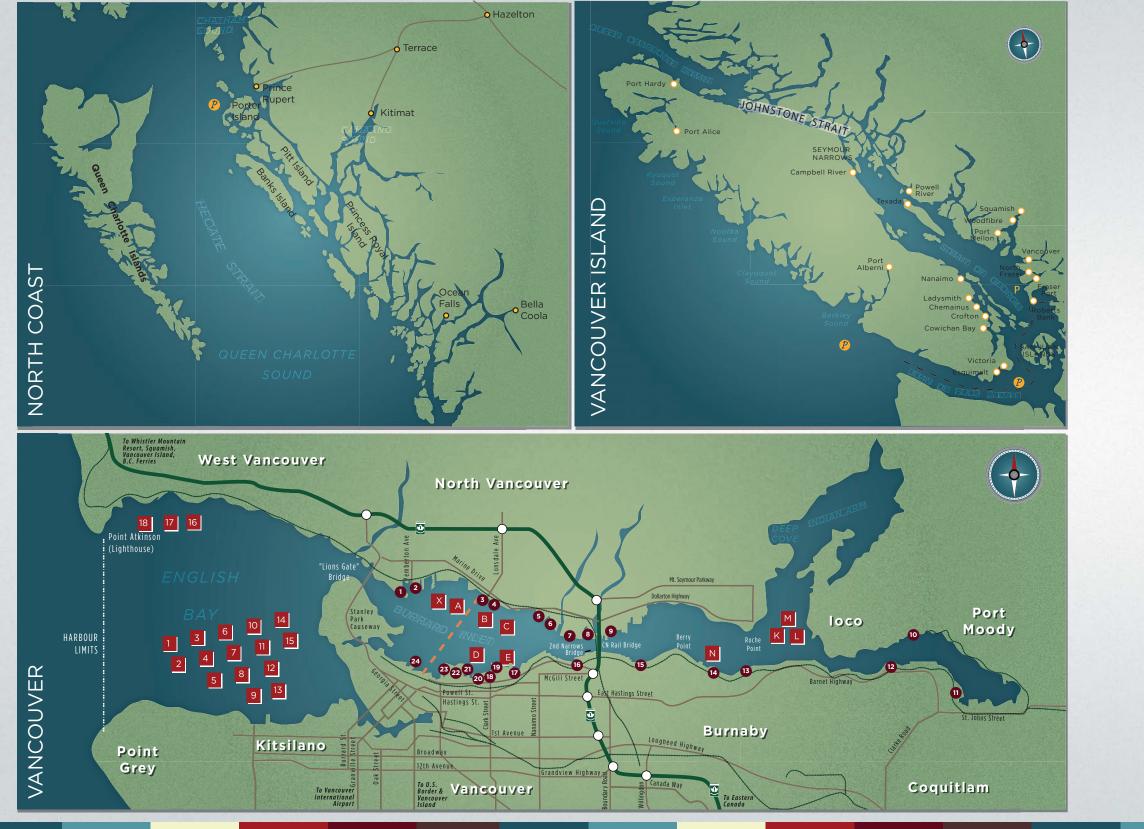
TEL 604 669 0100

compass@compassmarine.ca www.compassmarine.ca

CTL Westrans Shipbrokers TEL 604 681 4331

CTL Westrans (USA) Shipbrokers

westrans@ctlwestrans.com www.ctlwestrans.com





#### TERMINAL LEGEND

#### LEFT MAP

- 1. KM Vancouver Wharves
- 2. Fibreco Export
- 3. Richardson International
- 4. Cargill
- 5. Neptune Bulk Terminals
- 6. Lynnterm West Gate
- 7. Lynnterm East Gate

- 8. Univar Canada
- 9. Canexus
- 10. IOCO Terminal
- 11. Pacific Coast
- 12. Burrard Products
- 13. KM Westridge
- 14. Shellburn
- 15. Stanovan

- - 19. Vanterm 20. Alliance Grain Terminals
    - Terminal 21. Lantic

  - 22. Ballantyne Pier 23. Centerm
- 16. Cascadia 24. Canada Place

17. Pacific Elevators

Reduction

18. West Coast

#### **ABOVE MAP**

- 1. Wallenius Wilhelmsen Logistcs (WWL)
- Fraser Surrey Docks
- Fraser Wharves
- 4. Deltaport
- 5. Westshore



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#### **Chamber of Shipping of British Columbia**

#100 - 1111 West Hastings Street Vancouver, British Columbia Canada V6E 213

Phone: 604 681 2351 Fax: 604 681 4364 www.cosbc.ca



#### **ADMINISTRATION**

#### ART DIRECTOR & COVER DESIGN

Azdesign Media www.azdesignmedia.com

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#### **PHOTOS**

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#### INFORMATION

Note: While the information contained in this publication has been verified where possible, the Chamber of Shipping does not assume liability for content, errors or omissions. Charts and maps presented within the BC Ports Handbook are not to be used for navigational purposes.

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The Chamber of Shipping of British Columbia, based in Vancouver, represents a wide diversity of international and domestic shipping related interests in Western Canada including, but not limited to, international and domestic ship owners, BC Ferries, vessel agency companies, cargo interests, terminal interests, cruise lines, port authorities, marine pilotage and towage, maritime lawyers, classification societies, marine survey companies, marine support and service organizations.



#### INTRODUCTION

Since 1923, the Chamber of Shipping British Columbia has been the representative voice of the marine industry on Canada's west coast. The importance of that voice is arguably more important today than ever before as North America's trade with Asia undergoes unrelenting growth and Canada's Asia-Pacific Gateway plays a vital role in facilitating trade efficiency for the benefit of the entire nation.

The Chamber takes pride in representing its members in collaborative efforts to resolve problems and make progress on a wide range of fronts. "It is not the aim of the Chamber to convene or attend meetings for the sake of meetings" said Chamber President, Captain Stephen Brown. "Our members expect their issues to be addressed and resolved". The Chamber therefore takes considerable pride in harnessing constructive relationships with

legislators at all levels and in facilitating solution-focused meetings between members and other influential marine partners and stakeholders.

#### ASSOCIATE GOVERNANCE

The Board of Directors of the Chamber is comprised of nine elected members to provide governance, policy direction and industry oversight to the activities of the Association. Board members also chair a number of standing committees which deal with day to day local issues but to which the secretariat also reports wider national and international issues which have a bearing on the marine industry in British Columbia. In this context, the Chamber's Associate Membership of the International Chamber of Shipping and Intertanko in addition to close working relationships with a number of other Canadian and U.S. marine and business associations, allows us to provide input at the highest levels of marine policy making.

To ensure the involvement of British Columbia's marine industry in its entirety, regular regional committee meetings are convened in Northern BC and Vancouver Island. These are attended not only by regional interests but also by the Pacific Pilotage Authority, BC Coast Pilots, the British Columbia Maritime Employers Association, Port Authorities, Transport Canada and Canada Border Service Agency in order to provide a forum for addressing and resolving localized issues as and when external assistance is required.

# PRINCIPAL MEMBERS

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CMA-CGM (Canada) Inc.

Colley West Shipping Ltd.

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# CANADA'S ASIA-PACIFIC GATEWAY BUILDING ON A STRONG FOUNDATION

As the world begins to put the 2008-09 recession in the rear-view mirror, Canada has good reason to be quietly confident in where we find ourselves from an economic stand-point. Just as importantly, tremendous progress continues to be made in laying the ground work for this country to take advantage of Asia's appetite for many of our most important trading commodities through ensuring that our west coast ports have the supporting supply chains and infrastructure to efficiently manage future cargo flows.

The scale of Asia-Pacific Gateway projects currently under consideration or already in development is truly unique. The energy sector in particular is constantly in the



IMPRESSION OF THE \$3.5 BILLION ALCAN EXPANSION PROJECT

#### **OPPORTUNITIES**

headlines, however just as importantly, projects to expand handling capacity span the entire commodity range and are spread along our coastline from far north to our southern border.

A summary of projects, both underway and currently under consideration are identified in each regional update. While some will ultimately fall away, it is clear that many will prosper and much of the development will take place in northern British Columbia. This will generate enormous logistical challenges, competition for skilled labor, and for some communities, change their way of life forever.

There is also fear of the unknown which often translates into outright opposition to projects that will provide an economic future to a region which has thus far been constrained in fulfilling its economic potential. This is an issue that British Columbia's marine industry is sensitive to and is committed to addressing collaboratively.

However, it would be an error for us to be complacent as there are others around the world looking to take these opportunities away from us. A fiscally attractive, stable, productive and welcoming environment is an essential platform against which investors will gauge the prospects for sensible levels of hassle-free return on their investments. This reality is driving modernization of infrastructure, initiatives in the trucking sector, efficiencies in rail and a quantum leap in maritime training and education.





However, it must never be forgotten that international ocean carriers have choices where they do business – their assets are movable and will be re-deployed if and when we cease to be competitive. The past five years have been tough for ocean carriers in every sector, many have disappeared and of those that remain, many have some financial catching up to do. It is therefore important in the port sector that we not lose sight of this reality and keep a lid on costs.

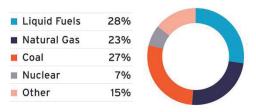
The ports of British Columbia are entering an exciting phase – let's ensure that we convert good prospects into sustainable long term investments for the benefit of generations to come.

# LNG PROJECTS

British Columbia has embarked on an ambitious plan to broaden its natural gas export market as the demand for liquefied natural gas (LNG) is expected to increase by two-and-half times in the Asia Pacific region by 2040. Natural gas will be the world's fastest growing major energy source through 2014 with global demand projected to rise by close to 65 per cent from 2010 to 2040, accounting for about 40 per cent of the growth in global energy needs.

North America's abundant supply of natural gas puts both Canada and the United States in a race with Australia and Russia to secure long-term supply agreements to solidify their market share in countries such as Japan, China, and India. It is expected that 40 per cent of Asia Pacific's natural gas demand will

#### Global Energy Demand in 2040



Source Data: EIA/DOE International Energy Outlook 2013

be satisfied by LNG with another 10 per cent supplied by pipeline imports.

Nearly a dozen project applications for facilities located along the west coast have been submitted and are at various stages in the approval process. The BC Government is committed to having three LNG facilities in operation by 2020 and recognizes the

LNG CALLING ON B.C.'S COAST Nearly a dozen proposals to export liquefied natural gas PROPOSED EXPORT TERMINALS Kitimat, B.C. ALASKA 1. Owners: Chevron Canada and **O**Kitsault Apache Canada 2. Owners: Haisla First Nation O Grassy Point and LNG Partners 3. Owners: Shell Canada, Korea BRITISH Gas, Mitsubishi Corp., PetroChina Prince Rupert O COLUMBIA Prince Rupert, B.C. **O** Kitimat 1. Owners: Petronas 2. Owners: BG Group 3. Owners: Progress Energy Canada Grassy Point, B.C. 1. Owners: Nexen Inc., CNOOC, INPEX 2. Owners: Woodside Petroleum 3. Owners: SK E&S 4. Owners: Imperial Oil, ExxonMobil Kitsault, B.C. 1. Owners: Krishnan Suthanthiran

SOURCE: FINANCIAL POST, CANADIAN ENERGY RESEARCH INSTITUTE

urgency to finalize the fiscal regime to attract companies that are evaluating other locations to build their LNG facility.

Through the National Energy Board and the federal government has now approved seven long-term LNG export licences for west coast projects. Chevron Corp., Shell and Progress Energy Canada Ltd. are expected to finalize plans over the next 15 to 18 months.

In addition to the fiscal regime, the BC Government has developed an LNG skills strategy to deliver skills training required to meet the demand of the various

www.cosbc.ca 11

JONATHON RIVALT / NATIONAL POST

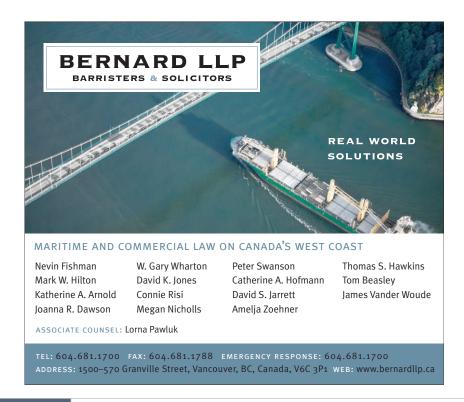
LNG project. It has been forecasted that as many as 670,000 new workers will be needed by 2020.

LNG carriers are often not seen on the west coast of Canada today, but they have been plying international waters since 1959. Today the majority of the new ships under construction are in the size of 150,000–170,000 m³ but there are orders for ships with capacity up to 260,000 m³. A typical LNG carrier has four to six tanks located along the center-line



of the vessel. Surrounding the tanks is a combination of ballast tanks, cofferdams and voids that in effect gives the vessel a double-hull type design.

As of end of April 2014 there are 368 LNG carriers with capacity of 54,508k, and there are currently 106 on the order book. The majority of existing LNG carriers are less than 10 years old.





# BC BENEFITS FROM CANADA'S NATIONAL SHIPBUILDING PROCUREMENT STRATEGY

Since June 2010, the date the Government of Canada announced the National Shipbuilding Procurement Strategy, the Canadian shipbuilding industry has been cautiously, optimistically, and wholeheartedly gearing up for a rebirth. By October 2011, when Vancouver Shipyards was named the successful bidder for the construction of the non-combat vessels of the NSPS, the mood of the industry was downright giddy. Once the celebrations were over however, industry, government, academia, labour, First Nations, and many others, got to work. Under the leadership of Seaspan, British Columbia is well on its way to seeing a vibrant, sustainable shipbuilding industry, and all of the support businesses and jobs that go along with it.

To follow is a short primer to provide an update on three aspects of the NSPS on the West Coast: the ships, the shipyards, and the people.

#### THE SHIPS

If there is one thing for sure when working under government contracts, it's that nothing's for sure. While a recent Auditor General's report was extremely positive in its comments of the shipyard selection process, the design/build approach, and the procurement strategy as a means to build a sustainable shipbuilding industry, it did raise caution that budgets were based on very preliminary estimates and could result in either fewer ships being built or reduced capacity of those ships that are built. As it stands however, the NSPS will still create 15,000 jobs from coast to coast and over \$2 billion in annual economic benefits over the next 30 years.

Here's a quick snapshot of the vessels to be built by Seaspan under the NSPS program:

Ship	Budget	Target Date for Construction start	Status
Offshore Fisheries Science Vessels (OFSV) x 3	\$244 million	Late 2014	Construction Engineering Phase (functional and production design)
Offshore Oceanographic Science Vessel (OOSV) x 1	\$144.4 million	July 2015	Design Stage to start in 2014
Joint Supply Ship (JSS) x 2	\$2.3 billion	Late 2016	Definition Phase (Berlin-Class design chosen)
Polar Icebreaker x 1 (CCGS John G. Diefenbaker)	\$1.3 billion	2018 estimate	Design Stage
Medium Endurance Multi-Tasked Vessels (MEMTVs) x 5	\$1.4 billion	To be determined	Announcement of contract award
Offshore Patrol Vessels (OPVs) x 5	\$1.9 billion	To be determined	Announcement of contract award

#### THE SHIPYARDS

Over the past two years, Seaspan has been in the midst of a \$200 million modernization program. In a recent interview with BC Shipping News, John Shaw, Vice President, Government Relations and Business Development, Seaspan Shipyards, confirmed that



the modernization project was "on time and on budget...In fact, we're actually ahead of the required date for the government and by October 2014, all the buildings will be done, the crane will be up and we'll be using the facilities to build the noncombat ships for Canada."

The program includes the construction of four new buildings (the Sub Assembly, the Block Assembly, the Pre-Outfit and the Paint and Blast buildings), a Load-Out Pier, and the erection of a 300-tonne Gantry crane at Vancouver Shipyards. Victoria Shipyards is getting a new operations centre to be completed by November 2014. Additional work is being done at both yards to update processes such as computer systems, standard operating procedures, design software, etc.

#### THE PEOPLE

Following the announcement of the NSPS, it was very quickly recognized that investments in training for shipbuilding skills were needed estimates put the number upward of 4,000 individuals required to meet existing and future demand for jobs in the sector, including welders, marine fitters, electricians, pipefitters, marine mechanics and others. The collaboration between government, industry, academia, labour, and First Nations organizations has seen the creation of a number of programs to address the skills shortage, for example:



#### **OPPORTUNITIES**

- Shipbuilding and Ship Repair Board the SSRB is providing industry leadership, co-ordination, and integration of cross-industry workforce development, technology and process development, and industry development projects.
- Industrial Marine Training and Applied Research Centre -- IMTARC is focusing on workforce development and applied research and has the capacity for up to 40 students
- University of British Columbia Naval Architecture and Marine Engineering Program NAME is a special program within the Faculty of Applied Science that combines curriculum from Mechanical, Civil, and Materials Engineering with a specific focus on the design, construction, maintenance, and operation of waterborne vehicles. The program accepted its first 14 students in September 2013.
- B.C. Institute of Technology As the leading skills training centre for trades on the West Coast, BCIT has plans to create a shipbuilding "centre of excellence" together with Victoria's Camosun College.
- Coastal Aboriginal Shipbuilding Alliance CASA is mandated with developing, designing, delivering, and evaluating training and employment programs for Aboriginal people living in Vancouver and on Vancouver Island.

#### CONCLUSION

In keeping with the "rebirth of an industry" theme, it was Rear Admiral (RCN ret'd) lan Mack, Director-General, Major Project Delivery, Canadian Department of National Defence, who compared the NSPS to a sevenmenth old baby during the Maritime Security Challenges Conference in October 2012: "The program needs a chance to crawl before walking, and



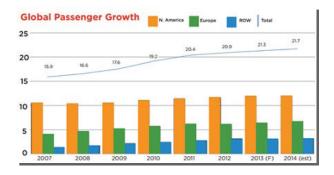
a chance to walk before running." While the general public and mainstream media may not see the day-to-day efforts made by industry stakeholders, there is no doubt that B.C. is doing all it can to take advantage of the opportunities. International cruise activity in Canada generates annually over \$1.16 billion in direct spending by the cruise lines, their passengers and crew accounting for nearly 10,000 annualized full- and part-time jobs across Canada (extract from "The Economic Contribution of the International Cruise Industry in Canada 2012," conducted by BREA Business Research & Economic Advisors).

# CRUISE OUTLOOK

Cruise activity in British Columbia represents more than 50 per cent of the total Canadian cruise traffic. In 2013 more than 1.3 million passengers visited BC ports, representing an 11 per cent increase over 2012 and contributing an estimated \$1.6 billion in total economic impact for the BC economy. In 2014, the industry will see a further increase in activity with total cruise ship calls expected to increase to 470 compared to the 455 calls in 2013.

From a global perspective, Cruise Lines International Association (CLIA) anticipates a positive year of growth as 21.7 million passengers are expected to enjoy a cruise in 2014, up 400,000 from 2013.

The introduction of new cruise ships by CLIA member lines – 29 between 2013 and 2014 – represents a capital investment of \$7.2 billion and will increase total passenger capacity by more than 34,000. Another 20 cruise ships are currently on the order book for 2015 to 2018 and represent an additional capacity of more than 52,000 passengers.



#### **VANCOUVER**

In 2014 Port Metro Vancouver will see 9 more ship calls for a total of 244 calls with an estimated 800,000 passengers to the city. Port Metro Vancouver was the first port in Canada and third in the world to install shore power for cruise ships in 2009 and just recently added a third installation through a joint effort with the federal and provincial governments and Disney and Holland America cruise lines. A total of 83 vessel calls connected to shore power in 2013, an increase of nearly 40% over 2012, resulting in significant reduction in greenhouse gas emissions.

# VANCOUVER ISLAND -VICTORIA / NANAIMO

Victoria welcomed 203 cruise ship calls at Ogden Point in 2013, bringing 481,733 passengers to the community. In 2014 the number of calls will increase by 11 to a total of 214 calls. A new water shuttle between Ogden Point and the Inner Harbour will improve accessibility for passengers with mobility challenges.



In September 2014 Nanaimo will see the Grand Princess and Celebrity Solstice – the port's largest cruise ship with an estimated 3,000 visitors to descend upon its city centre. Since the new cruise facility opened in 2011, it has welcomed 33,908 passengers plus crew generating a direct economic impact of \$2.13 million for local and mid-island communities.

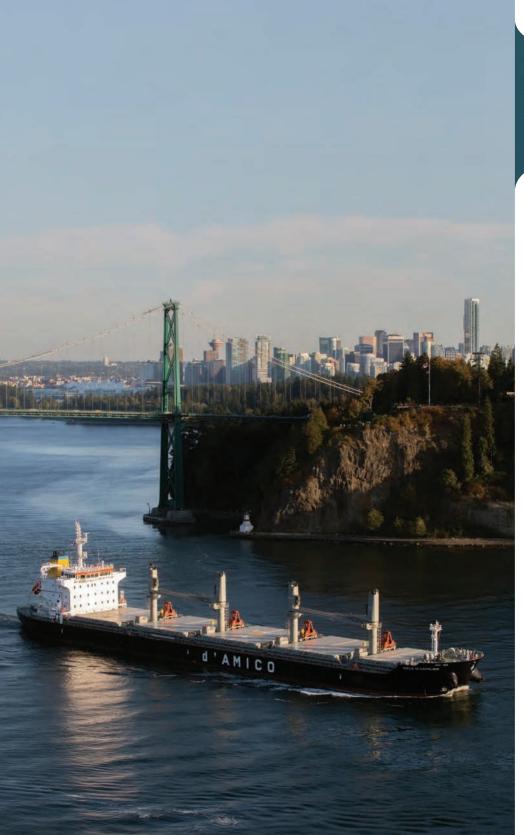


## PRINCE RUPERT

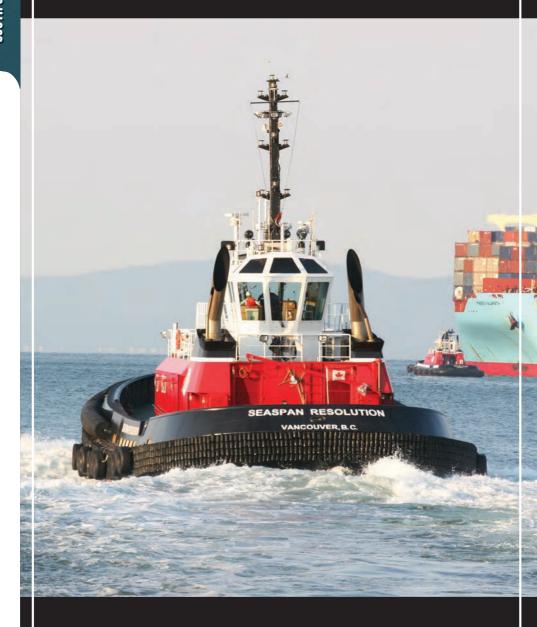
Prince Rupert has confirmed 11 calls in 2014 with six cruise ships. The 2013 was a success with a passenger volume growth of 2,700 over the previous season, representing a 76% increase.

#### FOR MORE INFORMATION

on British Columbia's cruise industry visit Cruise Lines International Association – North West & Canada at www.clia-nwc.com or Cruise BC at www.cruisebc.ca.

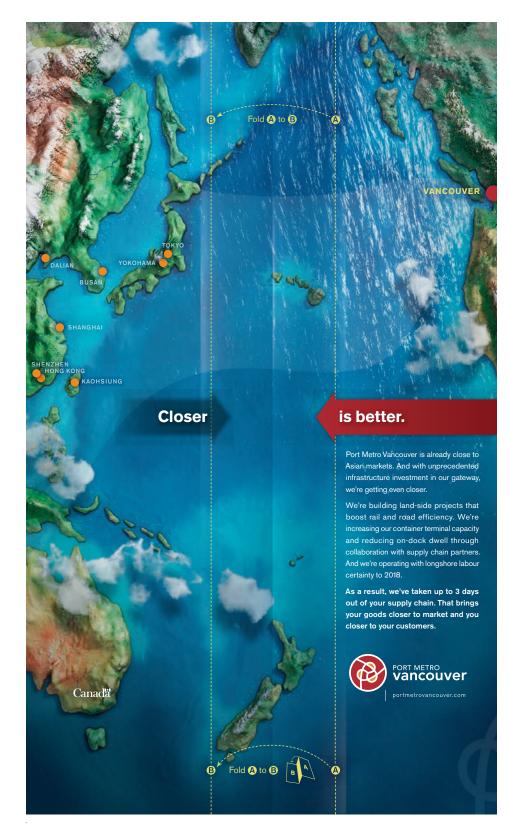


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#### NEW DEVELOPMENTS - SOUTH COAST

# **Container Capacity Improvement Program (CCIP)**

It is estimated that four million TEU of additional handling capacity will be required to meet growth in Vancouver's container throughput by 2030. The two main components of CCIP are the Deltaport Terminal, Road, and Rail Improvement Project (DTRRIP) and the proposed Roberts Bank Terminal 2 Project.

# Deltaport Terminal, Road and Rail Improvement Program (DTRRIP)



The project has four key elements:

- An overpass on the existing Roberts Bank causeway that will separate road and rail traffic
- Reconfiguration of rail track and additional container handling equipment within the existing Deltaport Terminal
- Additional rail track within the existing railway corridor and a portion of the Option Lands
- Further road Improvements on Deltaport Way

Scheduled for completion late 2014

# Roberts Bank Terminal 2 (RBT2) Project

The proposed new terminal would be located west of the existing Roberts Bank terminal facilities roughly 5.5 kilometres offshore from the mainland. The proposal for Terminal 2 includes a three-berth marine container handling terminal on reclaimed land, a container storage yard and a new intermodal yard.



RENDERING OF PROPOSED ROBERTS BANK TERMINAL 2 (LEFT SIDE)

**CAPACITY:** The terminal will have a handling capacity of approximately 2.4 million TEU annually.

**STATUS:** It was announced on January 7 2014 that the Canadian Environmental Assessment Agency will refer the project to an environmental assessment by an independent review panel. Timelines for the assessment will be as follows:

- For the review panel to be established 5 monthsfrom the date of referral
- For the review panel to submit its report 14 months from the date of establishment of the review panel
- For the Federal Minister's decision statement (post-panel phase) 5 months from the date of submission of the review panel's report.

**TIMELINE:** The current projection is for a Phase 1 completion in 2021-2022 with final completion in 2024.

For further detailed information please see:

http://portmetrovancouver.com/en/projects/OngoingProjects/DTRRIP.aspx http://www.robertsbankterminal2.com/

# Fraser Surrey Docks - Direct Transfer Coal Facility

Fraser Surrey Docks (FSD) has submitted a project permit application for the development of a Direct Transfer Coal Facility.

The coal will be transferred by Burlington Northern Santa Fe (BNSF) rail to the terminal and will be loaded directly onto 8,000 DWT tons barges at existing Berth 2.

When loaded, tugs will escort barges to Texada Island for product transfer to bulk carriers for export.

**CAPACITY:** 4 million tons per year with the potential for expansion up to 8 million tons in the long term.

**STATUS:** Undergoing consultation and project upgrade to meet PMV environmental stipulations.

**TIMELINE:** Pending permit issuance, construction will take approximately 6-8 months.

For further detailed information please see:

http://portmetrovancouver.com/en/projects/OngoingProjects/Tenant-Led-Projects/FraserSurreyDocks.aspx

# **Neptune Terminals**

Neptune Terminals handles export coal (berth 1), potash and bulk vegetable oils (berth 2). It was announced in April 2012 that the terminal also plans to convert and upgrade berth 3 to handle imported phosrock.

Projects include the following elements:

- Rail track optimization to facilitate the handling of longer trains on terminal
- Installation of a new coal stacker-reclaimer
- Installation of a second railcar dumper for handling coal
- Additional conveyors to move coal from the second railcar dumper to the storage area
- A new shiploader boom at Berth 1 (coal)
- The Phosrock discharge and storage project is complete and became operational in October 2013



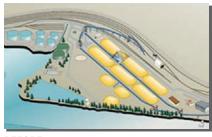
**COST:** Accumulated upgrades are expected to be in the range of \$400 million

**CAPACITY:** The future annual coal handling capacity of the terminals is expected to be 18.5 million metric tonnes.

For further detailed information please see:

http://portmetrovancouver.com/en/projects/OngoingProjects/Tenant-Led-Projects/NeptuneTerminals.aspx

# **Pacific Coast Terminals (PCT) Modernization**





**BEFORE** 

**AFTER** 

PCT is in the process of upgrading and expanding its current operations. Projects will add potash and canola as products received, stored and shipped from the terminal necessitating construction of a storage warehouse, a new dumper for potash, three new tanks for canola oil and an upgraded secondary water treatment facility.

**COST:** \$160 million (\$125 million for potash expansion, \$35 million for canola)

**STATUS:** The project is under permit review.

**TIMELINE:** It is expected that all projects will be completed in 2015.

For further detailed information please see: http://portmetrovancouver.com/en/projects/OngoingProjects/Tenant-Led-Projects/pacific-coast-terminals

#### **Pacific Eleveator Terminal**

Pacific Elevator will embark on a modernization project to increase its annual rated capacity up to 6 million metric tonnes. The project includes a new ship loader system to enable the loading of post-Panamax vessels, new bulk weighers, upgrades to shipping conveyors and rotary cleaners, and improved electrical and dust control systems.

COST: \$ 100 milion

**TIMELINE:** Completion by 2016



# Richardson International - Expansion of Grain Storage Capacity

Richardson International's Grain Storage Capacity Project proposal includes the erection of two slip form concrete annexes at the east end of the existing facility, as well as the installation of new conveyors and automatic dust filter systems.

**CAPACITY:** Each concrete annex will have a storage capacity of 40,000 metric tonnes bringing total storage capacity of the terminal to 178,000 metric tons and allowing Richardson to handle over 5 million metric tonnes of grains and oilseeds per year.

COST: \$120 million

**STATUS:** Community Engagement

**TIMELINE:** Estimated construction completion is 2015

For further detailed information please see:

http://portmetrovancouver.com/en/projects/OngoingProjects/Tenant-Led-Projects/RichardsonInternational.aspx

# Vancouver Airport Fuel Facility Consortium (VAFFC)

VAFFC is proposing to develop a new fuel delivery system to serve the Vancouver International Airport (YVR) that includes three major components:

Construction of new marine terminal to receive aviation fuel on a range of tanker (up to Panamax) and barges.

Construction of six above ground steel storage tanks within a secondary containment system, connected to the terminal by a one km pipeline.

An approximate 15 km pipeline to deliver fuel from the fuel storage facility to YVR.



CONCEPT PLAN

**CAPACITY:** The facility will be able to store approximately 80 million litres of 500,000 barrels of aviation fuel.

**COST:** Projected cost is between \$70 and \$100 million.

## **Westshore Coal Terminal**

Planned works include the demolition of existing office and administrative buildings





and construction of new offices in the north west corner of the site as well as the replacement of two stacker reclaimers, associated yardbelts, and a new water treatment facility. The replacement stacker reclaimers are expected to raise the annual capacity for the terminal by three million metric tons for a total of 36 million metric tons. One additional stacker reclaimer and shiploader at Berth 1 are also proposed for replacement. The works, once finished, will represent an estimated maximum traffic increase of 4.3 additional trains and 0.6 additional ships per week.

**CAPACITY:** The upgrade will increase theoretical capacity to 36 million metric tons.

**TIMELINE:** These projects are expected to take four years to complete.

For further detailed information please see:

http://www.portmetrovancouver.com/en/projects/OngoingProjects/Tenant-Led-Projects/westshore--terminals--terminal--infrastructure---reinvestment







#### PORT METRO VANCOUVER

(4 9 ° 17' N, 12 6 ° 7'W)

Vancouver is a sheltered, ice-free, deep-water port. Harbour limits extend from Indian Arm and Port Moody to Burrard Inlet, English Bay, the Fraser River and Roberts Bank in the Georgia Strait. Port Metro Vancouver is highly diversified to service container imports and exports, raw material bulk commodity exports, break bulk imports and exports, auto imports and cruise vessels.

The tidal affected Fraser River lies to the south of the City of Vancouver. Water in the main arm of Fraser River fluctuates with the season with water levels being at their lowest from January to March. The river is maintained by dredging to handle vessels to a maximum draft of 11.5 m with a 3.5 m tide. A coastal pilot is exchanged for a specialized river pilot at Sand Heads, at the river mouth (49°06′N, 123°18′W) to bring vessels to one of the main terminals.

Roberts Bank is a man-made development comprised of a narrow coastal strip in the Strait of Georgia in the approaches to Fraser River and comprises a coal terminal of two berths accommodating capesize vessels and a container terminal of three berths. In addition, Roberts Bank is home to the Province's largest ferry terminal operated by BC Ferries.

**AUTHORITY: Port Metro Vancouver** 

ADDRESS: 100 The Point, 999 Canada Place, Vancouver, B.C. V6C 3T4

TEL: 604-665-9000 / FAX: 604-665-9007

WEBSITE: www.portmetrovancouver.com

TWITTER: @PortMetroVan

HARBOUR MASTER & MARINE OPERATIONS CENTRE: TEL: 604.665.9086

UN/LOCODE: CA VAN

VTS: Assigned frequency is 156.6 MHz, Channel 12.

**ANCHORAGES:** The Harbour Master's office will assign anchorages within the port's jurisdiction, normally 24 hours prior to the arrival of a vessel. The Marine Operations Centre is available 24/7. In times of congestion, vessels may be directed to alternative anchorages outside of port jurisdiction.

**INTERMODAL:** CN Rail and CP Rail provide transcontinental service to key markets in North America while the US owned railway, "Burlington Northern Santa Fe", links the port to the southern United States and Mexico. Most terminals have on-dock rail and truck connection to the Trans-Canada highway (Canada's main east-west connection) which in turn connects to the U.S. Interstate highway system.

**SERVICES:** There is full availability of all forms of bunkers, tugs, medical services, repair services, mariners' facilities, fumigation and quarantine services, garbage removal and government ship and cargo inspections.

**SECURITY:** Port Metro Vancouver is ISPS 2005 compliant with extensive 24-hour surveillance.

#### **AUTOMOBILE TERMINAL**

# **WWL VEHICLE SERVICES CANADA**

#100 - 820 Dock Road, Annacis Island, Delta, B.C. V3M 6A3

**OWNERS / OPERATOR:** Wallenius Wilhelmsen Logistics.

TEL: 604-521-6681 FAX: 604-522-7783



WWL VEHICLE SERVICES CANADA

**CONTACT:** Howard Williams, Vice President & General Manager

**CUSTOMER SERVICE:** 604-528-8259

WEBSITE: www.2wglobal.com

MARINE FACILITY SECURITY OFFICER: Dan Neitsch, TEL: 604-528-8246

**COMMODITIES:** Automobiles and roll-on / roll-off equipment

**BERTHS**: Two berths 213 m and 190 m, depth 10.7 m FW. Mooring bollards up and down stream of both berths allow vessels up to the channel maximum.

**STORAGE:** 103 acres of land, on-site storage for 15,000+ vehicles.

**FACILITIES:** Rail-loading areas capable of holding 80 multi-level railcars as well as accessory application, preparation and distribution services are also provided. Included are full storage and transportation services, body shops, paint shops, gasoline pumps, asphalt storage areas, machine shops, service buildings, rail loading, security, car wash, protective coating removal/application, accessory shops and customer-to-distributor direct computer communication. The terminal is rail-served by CN, CP, Burlington Northern-Santa Fe and Southern Rail of British Columbia. ISO 9001:2000 + 14001:2004 Registered.

#### **BREAKBULK & BULK TERMINALS**

## **ALLIANCE GRAIN TERMINAL**

1155 Stewart Street, Vancouver, B.C. V6A 4H4

**OWNERS:** A consortium of Parrish & Heimbecker, Paterson Global Foods, North

West Terminals, Prairie West Terminals, Weyburn Inland Terminals and Great Sandhills Terminal.

TEL: 604-254-4414 FAX: 604-254-3212

CONTACT: Dave Kushnier, CEO, Lorri Lego, Marketing & Logistics Manager

MARINE FACILITY SECURITY OFFICER: Mark MacKenzie TEL: 604-314-7353

**COMMODITIES:** Wheat, barley, canola and pulses

BERTHS: West: length 213 m, limiting draft 9.8m; East: length 213 m, limiting

draft 12.6m.

**EQUIPMENT:** Two belts, loading rate 500 tonnes per hour per belt, 7 spouts each berth, distance between spouts 23 m, spout air draft (above zero tide) 17.8 m.

**STORAGE:** 102,070 mt

LOADING RATE: 1000 mtph

# **BURRARD PRODUCTS TERMINAL (SUNCOR ENERGY)**

9955 Barnett Highway, Burnaby, B.C. V3H 3E1

**OWNER:** Suncor Energy Inc.

TEL: 604-933-3000 FAX: 604-933-3071

CONTACT: Rob Moller, Supervisor TEL: 604-933-3047

WEBSITE: www.suncor.com

MARINE FACILITY SECURITY OFFICER: Rob Moller Tel: 604-933-3047

**COMMODITY:** Refined petroleum products

**BERTHS:** West: Length 90m - 222m with mooring dolphins to accommodate 50,000 dwt, limiting draft 11.8 m; East: length 40m, limiting draft 6.0 m.

ADDITIONAL INFORMATION: Vessel must transit Vancouver Harbour and Second Narrows and comply with Port Metro Vancouver's Second Narrows Movement Restriction Area (MRA) and the Pacific Pilotage Authority operating rules for vessels over 40,000 SDWT carrying liquids in bulk through Boundary Pass and Haro Strait. There is a float east of the east product loading dock (approx. 12m x 4m) where Vancouver Fireboat #2 and the Petro-Guardian spill response 6m seatruck are moored. Both east and west product loading docks have new operation buildings and hydraulic cranes plus a loading system upgrade. There is a permanent spill containment boom in the water at all times to accommodate all vessels at both docks and is deployed for all diesel and jet fuel loadings.

#### CANEXUS CHEMICALS

100 Amherst Avenue, North Vancouver, B.C. V7H 1S4

**OWNER:** Canexus Corporation

TEL: 604-929-1107 FAX: 604-924-2879

**CONTACT:** Rick Denton, Plant Manager

WEBSITE: www.canexus.ca

MARINE FACILITY SECURITY OFFICER: Tony Gutenberg, TEL: 604-924-2831

**COMMODITIES:** Imports - bulk sea salt; Exports - caustic soda

BERTH: Length 150 m (plus mooring floats 243 m apart) Depth: 10.50 m.

**EQUIPMENT:** Fixed hopper connecting to belting system; cargo handling by ship's gear;

pipeline facility for liquid caustic discharging and loading.



CARGILL VANCOUVER TERMINAL

# **CARGILL VANCOUVER TERMINAL**

801 Low Level Road, North Vancouver, B.C. V7L 4J5

**OWNER:** Cargill Ltd.

TEL: 604-990-2576 FAX: 604-990-2559

**CONTACT:** Gerry Dickie – General Manager, Ron Stubbings – Operations Manager

**WEBSITE:** www.cargill.ca

MARINE FACILITY SECURITY OFFICER: Mark Fast TEL: 604-990-2556

**COMMODITIES:** Wheat, canola, barley, peas and other grain by-products

**BERTHS:** No. 1: Length 228m + 52m, depth 15.3 m; No. 2: Length 205 m, depth outshore

12.6 m at LW.

**EQUIPMENT:** One belt loading rate at 900 tonnes per hour and another at 1600 tonnes per hour each, five spouts at each berth, distance between spouts 30 m, maximum spout height 15.2 m above dock level

STORAGE: 240,000 tonnes of grain

## **CASCADIA TERMINAL**

3333 New Brighton Road, Vancouver, B.C.

**OWNER:** Cascadia Port Management Corporation

**CONTACT:** John Dewar, General Manager

TEL: 604-293-6207 FAX: 604-293-6219

WEBSITE: www.viterra.ca

MARINE FACILITY SECURITY OFFICER: Dave Riches

TEL: 604-293-6211 CELL: 604-861-3432

**COMMODITIES:** Wheat, durum, feed barley, malting barley, canola seed and specialty

products

BERTH: No. 1: Length 244 m, depth 14.6 m. All loading is done at Berth No. 1.

**EQUIPMENT**: 2 belts, 7 spouts with 3,200 tonnes per hour loading rate. Spout height

above dock face normal max. 14.6 m.

STORAGE: 282,830 tonnes

#### **FIBRECO**

1209 McKeen Avenue, North Vancouver, B.C. V7P 3H9

**OWNER:** Fibreco Exports Inc.

TEL: 604-980-6543 FAX: 604-984-2593

**CONTACT:** Kerry Lige, President & CEO

**WEBSITE:** www.fibreco.com

MARINE FACILITY SECURITY OFFICER: Henry Zea, Glenn Dempster, Dan Williamson

**TEL:** 604-998-4111

**COMMODITY:** Wood chips and wood pellets in bulk

BERTH: Length 200m, Beam 32m, Depth 12.5m

**EQUIPMENT:** Pneumatic articulated chip-finger loader, max. outreach 22 m; loader

retraction 12.8 m and gravity loader for pellets.

STORAGE: Wood chips 75,000 BDU or 150,000 tonnes and pellets 45,000 tonnes

LOADING RATES: up to 1,200 tonnes/hr. The terminal handles ships up to 63,000 dwt.

**NOTES:** For arrival 2kt window for 1st Narrows on Departure over 8.5m draft OR 2 knots at First Narrows will require two tractors. Lineboat always required at this berth for arrivals

#### FRASER SURREY DOCKS

SEE "CONTAINER TERMINALS"

### **IOCO TERMINAL**

2225 loco Road, RR1, Port Moody, B.C. V3H 3C8

**OWNERS: Imperial Oil Company Limited** 

TEL: 604-469-8360 FAX: 604-469-8298

CONTACT: Brian Smith, Area Manager TEL: 604-469-8345

**WEBSITE:** www.imperialoil.ca

MARINE FACILITY SECURITY OFFICER: Jason Nixon, Assistant Area Manager

**COMMODITY:** Heavy fuel oil, intermediate fuel oils, marine gas oil.

**BERTHS:** Two berths for barges and coastal tankers with mooring dolphins used for tankers up to 35,000 dwt. A total of four berths for barges and coastal tankers. The dock is available 24/7 to accommodate loading of bunker barges.

#### KINDER MORGAN VANCOUVER WHARVES

1995 West First Street, North Vancouver, B.C. V7P 1A8

**OWNER:** Kinder Morgan Canada Terminals LP

TEL: 604-985-3177 FAX: 604-980-7563

**CONTACTS:** Don Nonis, General Manager, or Tim Ayling, Director of Sales and Marketing

**WEBSITE:** www.kindermorgan.com

MARINE FACILITY SECURITY OFFICER: Rick Meyer TEL: 604-374-3649

COMMODITIES: Import and export bulk concentrates, import and export distillates,

export sulphur, export agri-products and other dry bulk commodities.

**BERTHS:** No.1 - depth 13.7 m with Panamax capability, No.2 and No.3 - depth 11.3 m with mid-range tanker capacity of less than 50,000 dwt, No.4 depth 12.8 m with



VANCOUVER WHARVES

Panamax capability, and a length of 161.3 m and No. 5 – depth 12.8 m with Panamax capability and a length of 239 m. Berth No. 4 and No. 5 have a combined berth length of 400.3 m.

#### **FQUIPMENT:**

**BERTH 1:** Inbound concentrate rail car, truck, and vessel clam shell bucket ship unloader with product receiving capabilities, storage warehouses, conveying systems and outbound berth travelling shiploader.

**BERTHS 2 AND 3:** Wide apron dock area, liquid receiving and loading system, four storage tanks and a ship loading arm; direct hit loading liquids capability, 12 car rail loading/unloading rack.



BERTHS 4 AND 5: Two completely separate dry-bulk systems share a multiple loop track that can receive 110 cars at a time. A dual-purpose (rotary/bottom-dump) rail car dumper, conveying system and two quadrant shiploaders at Berth 4 service the sulphur industry. Sulphur storage totals over 165,000 tonnes. A completely separate bottom discharge rail car dumper, enclosed specialized airveyor conveying system and shiploader at Berth 5 service agri-products. The agri-products system is purpose-built to provide fast but gentle handling and storage (approximately 30,000 tonnes) for products such as food-quality wheat, canola and malt.

**STORAGE:** Site total approximately 1 million tonnes. There is 25 acres of land available for development with rail loop track access, capable of receiving large unit trains.



KINDER MORGAN WESTRIDGE TERMINAL

# KINDER MORGAN WESTRIDGE TERMINAL

**OWNER:** Trans Mountain Pipeline ULC-Operated by Kinder Morgan Canada

TEL: 604-291-2744 or 604-268-3040 FAX: 604-291-2003

**CONTACT:** Craig Telford, Supervisor, Terminal Operations

TEL: 604-268-3040 FAX: 604-268-3049

**WEBSITE:** www.kindermorgan.com

MARINE FACILITY SECURITY OFFICER: Glen Buysse TEL: 604-268-3041

**COMMODITIES:** Crude and refined petroleum products (jet fuel)

**BERTH:** Main dock face 92 m long, 300 m between extreme mooring dolphins, depth 16 m, vessels up to 250 m in length, or approx. 100,000 dwt acceptable.

**EQUIPMENT:** NPS 24 petroleum export line with two NPS 12 articulated loading arms; NPS 10 vapour line connection to vapour oxidizer for treatment of vapours emitted during loading with NPS 10, 30 m long hose; telescoping boom crane with extension to 22.9 m. Direct pipeline connections to large storage tank facility and the main pipeline from Alberta. Jet fuel off-loading manifold includes two 6" x 150 lb. flanges with adaptors to 8 inch. A jet fuel pipeline connects to the Vancouver International Airport.

FLOW RATES: Loading at 3,200 cu m per hour; Unloading rates 1,600 cu m per hour.

**FACILITIES:** Tankers must be equipped with SBT, COW, IGS and capable of connection to vapour control systems. Contact terminal for specific equipment requirements.

**GUIDELINES:** Order times – 1.5hrs before slack water at 2nd Narrows. Vessel must comply with Port Metro Vancouver's Second Narrows Movement Restriction Area (MRA).

### **LANTIC**

123 Rogers Street, Vancouver, B.C. V6A 3N2

**OWNER:** Lantic Inc.

TEL: 604-253-1131 FAX: 604-253-2517

**CONTACT:** Charles Dickens

**WEBSITE:** www.lantic.ca

MARINE FACILITY SECURITY OFFICER: Jonathan Unrau TEL: 604-253-1131 ext. 4301

**COMMODITIES:** Bulk sugar imports, also used as a lay berth.

BERTH: Length 130 m, depth 7.4m.

#### LEHIGH NORTHWEST CEMENT

P.O. Box 950, 7777 Ross Road, Delta, B.C. V4K 3S6

**OWNER:** Lehigh Hanson Materials Ltd.

TEL: 604-952-5678 FAX: 604-946-2229

**CONTACT:** Jim Rennie, Distribution Manager

**WEBSITE:** www.lehighnw.com

MARINE FACILITY SECURITY OFFICER: Ray Romaniuk, Plant Manager

TEL: 604-952-5616

**COMMODITY:** Bulk cement

BERTH: Length 182 m, depth 7.6 m FW

The Delta plant is a specialized facility for the bulk loading of cement for export and

local sales. Loading pumps handle an average of 500 tonnes per hour. The berth is used exclusively by the Delta cement plant.



# LYNNTERM EAST GATE

15 Mountain Highway, North Vancouver, B.C. V7J 2J9

**OPERATOR:** Western Stevedoring Company Ltd.

TEL: 604-904-2800 FAX: 604-904-2801

**CONTACT:** Russ Peters, Terminal Manager

WEBSITE: www.westeve.com

MARINE FACILITY SECURITY OFFICER: Gary Jurkowski TEL: 604-904-2847

**COMMODITIES:** Wood pulp, lumber, plywood, steel, containers, project and general cargo.

BERTHS:

No. 4: length: 213m, limiting draft: 13.1m

No. 5: length: 213m, limiting draft: 15.3m

No. 6: length: 213m, limiting draft: 15.2m

No. 7: length: 200m, limiting draft: 12.3m

**EQUIPMENT:** Over 200 pieces of specialized equipment with capacities ranging from

2,500 kg to 42,000 kg to meet all cargo handling requirements. Custom built trailers and lift truck attachments for quality handling of breakbulk products.

**STORAGE:** Four warehouses with 625,000 sq ft suitable for storage of forest products, general cargo and steel.

The warehouses are serviced by rail trackage and have flush covered loading aprons for trucks and railcars.

**FACILITIES:** The dock is serviced by CN with interchange to all major railways. There are approximately 7 km of rail track with direct access to the warehouses and direct transfer capability to the berth. Railcar shunting equipment is available on site. The dock is equipped to handle containers.



# LYNNTERM WEST GATE

95 Brooksbank Avenue, North Vancouver, B.C. V7J 2B9

**OPERATOR:** Western Stevedoring Company Ltd.

TEL: 604-904-2800 FAX: 604-904-2801

**CONTACT:** Russ Peters, Terminal Manager

WEBSITE: www.westeve.com

MARINE FACILITY SECURITY OFFICER: Gary Jurkowski TEL: 604-904-2847

**COMMODITY:** Wood pulp, lumber, plywood, steel, containers, project and general cargo.

#### BERTHS:

No. 1: length: 180m, limiting draft: 11.2m

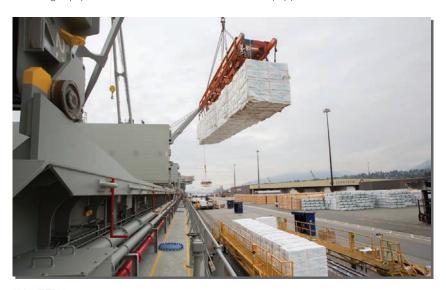
No. 2: length: 196m, limiting draft: 13.2m

No. 3: length: 196m, limiting draft: 13.0m

**EQUIPMENT:** Over 200 pieces of specialized equipment (as for East Gate).

**STORAGE:** Three warehouses with 250,000 square feet undercover storage of woodpulp, steel, plywood and other specialty products. Outside storage area of 55 acres.

**FACILITIES:** The dock is serviced by CN with interchange to all major railways. Railcar shunting equipment is available on site. The dock is equipped to handle containers.



LYNNTERM

# **NEPTUNE TERMINALS**

1001 Low Level Road, North Vancouver, B.C.

**OWNERS:** Canpotex, Teck Resources Ltd., Bunge Canada

**OPERATOR:** Neptune Bulk Terminals (Canada) Ltd, P.O. Box 86367, North Vancouver, B.C. V7L 4K6

TEL: 604-985-7461 FAX: 604-985-8941

**CONTACT:** Tony Nardi, Vice President, Logistics & Community, tnardi@neptuneterminals.

**WEBSITE:** www.neptuneterminals.com

MARINE FACILITY SECURITY OFFICER: Ron Sander

TEL: 604-985-7461 CELL: 604-833-7834, EMAIL: mfso@neptuneterminals.com

**COMMODITIES:** Export steelmaking coal, potash, canola oil, bulk agri-products, canola oil. Inbound phosphate rock.



#### **BERTHS:**

**NO. 1:** (Export coal and Canola Oil) length dockface 230 m plus floating dolphin and bollards along shore, depth 15.24 m, can handle Cape size vessels. Lineboat required for arrivals.

**NO. 2:** (Export potash, fertilizer, dry bulk and Canola oil) length dock face 29 m, plus bollards along shore, depth 15.2 m, can handle Panamax and small Cape size vessels up to 120,000 dwt. Lineboat required for arrivals.

**NO. 3:** (Export potash, fertilizer, inbound phosphate rock, bulk agri-products) length dock face 155 m, between mooring bollards 250 m, depth 12.0 m. The berth can handle vessels up to 65,000 dwt. Lineboat required for arrivals.

#### **EQUIPMENT:**

**BERTH NO. 1:** Two quadrant shiploaders each rated at 2,700 tonnes per hour. Both loaders have mechanical trimmers. Airdraft 19 m. Two stacker/reclaimers rated at 3,600 tonnes and 6,000 tonnes per hour, respectively. Single railcar rotary dumper, with two (2) indexers, rated 3,600 tonnes per hour for unloading coal unit trains of up to 152 railcars

**BERTH NO. 2:** Two quadrant shiploaders each rated 2,200 tonnes per hour. Air draft 19 meters. Conveyors feed from two dry bulk dumpers and existing dry bulk storage. Cascade chutes provides soft handling and state-of-the-art dust suppression.

**BERTH NO. 3:** (Outbound) A linear travelling ship loader capable of fully loading 32 m beam open hatch vessels Shiploader rated at 1,200 tonnes per hour for agri-bulk and 2,500 for potash. Conveyors tie into two dry bulk dumpers and existing dry bulk storage. A cascade chute provides soft handling and state of the art dust suppression.

**BERTH NO. 3:** (Inbound) Geared vessel discharge into three travelling receiving hoppers. Cargo is conveyed from vessel into storage and then reclaimed to railcars through railcar load out building.

#### STORAGE:

Berth No. 1 (Outbound): 600,000 tonnes coal.

Berth No. 1 & 2 (Outbound): 19,000 tonnes/canola oil.

Berth No. 2 & 3 (Outbound): 210,000 tonnes dry bulk.

Berth No. 3 (Inbound): 60,000 tonnes phosphate rock.

**RAIL FACILITIES:** Terminal has 14.5 km of continuous loop rail track and company owned locomotives to handle multiple unit train unloading operations, canola oil railcar unloading and inbound phosphate rock car loading.

# **PACIFIC COAST TERMINALS**

2300 Columbia Street, Port Moody, B.C. V3H 5J9

**OWNER:** Sultran Ltd.

**CONTACT:** Ken Catton, Vice President & General Manager

TEL: 604-939-7371 FAX: 604-936-2951

WEBSITE: www.pct.ca

MARINE FACILITY SECURITY
OFFICER: Clayton Smith

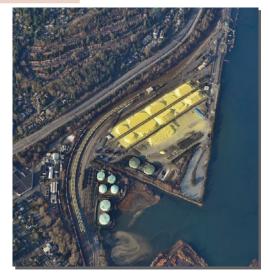
TEL: 604-931-9237

COMMODITIES: Sulphur, ethylene

glycol, and canola oil

**BERTHS:** No. 1 (liquid): length 229m, limiting draft 12.5m; No. 2 (sulphur): length 241m, limiting

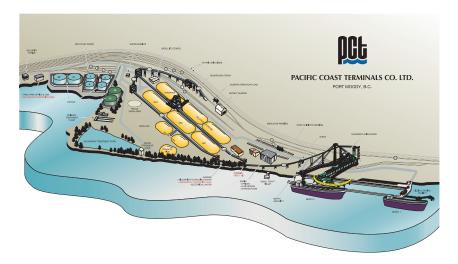
draft 13m.



PACIFIC COAST TERMINALS

#### **EQUIPMENT:**

BERTH NO. 1: Liquid loading station handling ethylene glycol and railcar storage



trackage for 78 ethylene glycol cars. Unloading stations for 39 cars of ethylene glycol. Ethylene glycol loading up to 1,000 tonnes/hour.

**BERTH NO. 2:** Single quadrant shiploader. One dual-boom luffing/travelling stacker reclaimer for sulphur. A single railcar rotary dumper for up to 30 cars/hour sulphur. Shiploader loading rate up to 5,000 tonnes/hour.

**STORAGE:** 220,000 tonnes sulphur in two windrow piles; 55,000 tonnes of ethylene glycol in six tanks; 11,200 tonnes capacity in two unused tanks.

**NEW DEVELOPMENTS:** PCT is developing a new canola oil handling facility, with operations anticipated to commence in late 2014. The facility will include 3 new 15,000 tonne storage tanks (a total of 45,000 tonnes capacity), a new marine loading arm and piping at Berth 1 (capable of 1,000 tonnes/hour), and a new rail bottom-unloading system that will share the glycol unloading stations (36 car unloading capacity for canola oil). PCT also has infrastructure in place for an additional liquid

**COMMODITY:** 15,000 tonnes storage capacity with 8 rail unloading spots.

#### **PACIFIC TERMINAL**

1803 Stewart Street, Vancouver, BC V5L 5G1

**OWNER:** Viterra Inc.

TEL: 604-252-2209 FAX: 604-684-6246 or 604-252-9867.

**CONTACT:** John Dewar, Director Terminal Operations, Jose Ayarra, Terminal Manager

WEBSITE: www.viterra.ca

MARINE FACILITY SECURITY OFFICER: Brian Watson

TEL: 604-293-6237 or CELL: 604-970-0964



PACIFIC TERMINAL

**COMMODITIES:** Peas, canola, flax, lentils, soybeans and various other bulk manufactured agriforge grades.

#### BERTHS:

**BERTH NO. 1(LAY BERTH):** length 188m plus bollards on overhang, limiting draft 9.2m at zero tide (8.6m at extreme south end of berth)

**BERTH NO. 2**: length 213m plus bollards on overhang, limiting draft 11m (Bow sign at 10.0m). Shipping gallery - 3 shipping belts feed 7 fixed slewing spouts for total rated loading approximately 1,500 tonnes/hr. Distance between spouts 15-22m and airdraft (above zero tide) varies from 18-21m.

**EQUIPMENT:** Rail hopper car handling: Elevator # 1 - 3 tracks max, spot 50 car feeding track 3 receiving hopper. Elevator # 3 - 3 tracks max, spot 68 cars rail storage.

**STORAGE:** 2 storage facilities with total capacity of approximately 144,000 tonnes of grain.

**OTHER:** 1workhouse and 22 x 12-32 tonnes/hr cleaners at combined cap of 900 tonnes/hr, 1 drier, automatic CGC certified samplers batch weighing equipment, 1 truck loading spout, dust collection system and pelletizing plant.

#### RICHARDSON INTERNATIONAL TERMINAL

375 Low Level Road, North Vancouver, B.C.

**OWNER:** James Richardson International

TEL: 604-904-6030 FAX: 604-987-0679

**CONTACT:** Phillip A. Hulina, General Manager

WEBSITE: www.richardson.ca

MARINE FACILITY SECURITY OFFICER: Dan Smith, TEL: 604-904-4513 (After hours TEL:

604-987-8855)

**COMMODITIES:** Canadian grain including wheat, canola, barley, barley malt, rye, flax and

grain and feed products.

BERTH: Length 108m + 37m, depth 14.4m

**EQUIPMENT:** Two Peco loaders 1,000 tonnes per hour

STORAGE: 108,000 tonnes

# SHELLBURN TERMINAL

201 Kensington, Burnaby, B.C. V5B 4B2

**OWNER: Shell Canada Products** 

TEL: 604-296-2966 FAX: 604-296-2881

**CONTACT:** Elaine Bell, Terminal Manager, Tel 604-296-2966

**WEBSITE:** www.shell.ca

MARINE FACILITY SECURITY OFFICER: Frank Skinner, Operations Supervisor,

**TEL:** 604-296-2933

**COMMODITIES:** Petroleum products.

BERTHS: Outer berth: 110m length, depth 11.3m. Mooring dolphins 150m apart.

# STANOVAN TERMINAL (CHEVRON-BURNABY)

355 Willingdon, Burnaby, B.C.

**OWNER:** Chevron Canada Limited

TEL: 604-257-4949 or 604-257-4919 FAX: 604-257-4093 or 604-257-4030

**CONTACT:** Jim Rohla **TEL:** 604-257-4919 or Hamish Burgess **TEL:** 604-257-4949

WEBSITE: www.chevron.ca

MARINE FACILITY SECURITY OFFICER: Mike Ward TEL: 604-257-4011

**COMMODITY:** Petroleum Products

BERTH: length 90m (210m between mooring dolphins), limiting draft 13.8 m.

#### UNIVAR

Berth No. 7 Lynnterm Terminal, Foot of Mountain Highway, North Vancouver, B.C.

**OWNER:** Univar Canada

TEL: 604-273-1441 FAX: 604-273-2046

CONTACT: Robin Lee, Terminal Manager TEL: 604-904-3002

**WEBSITE:** www.univarcanada.com

MARINE FACILITY SECURITY OFFICER: Don Janzen TEL: 604-904-3001

**COMMODITIES:** Caustic soda solution, ethylene dichloride and mono ethylene glycol

BERTH: Lynnterm No. 7, length 200 m, depth: 11.6 m

**STORAGE AND LOADING RATES:** Caustic soda solution - 40,000 tonnes and loading at 1,200 tonnes/hr; ethylene dichloride - 30,000 tonnes and loading at 1,000 tonnes/hr; ethylene glycol -17,000 tonnes and loadingat 800 tonnes/hr.

**FACILITIES:** Univar maintains a tank farm with full rail unloading facilities.

# **WEST COAST REDUCTION (via Vanterm Terminal)**

105 North Commercial Drive, Vancouver, B.C. V5L 4V7

TEL: 604-255-9301

CONTACT: Doug Davidson, Plant Manager TEL: 604-252-2656

MARINE FACILITY SECURITY OFFICER: Merle Morris, Superintendent TEL: 604-252-2069



WEST COAST REDUCTION

**COMMODITIES:** Inedible tallow, porcine meal, feathermeal, poultrymeal, bloodmeal, fishmeal, fish oil, canola oil, and other various vegetable oils.

**FACILITIES:** 83,000 tonnes, liquid storage tank facility, handling various oils such as tallow, fish oil, canola oils and soya oil. Access to two berths equipped with own underground pipelines for loading or unloading various oils. Tank area surrounded by retaining wall for increased spill security.

# **WESTSHORE TERMINALS LTD**

1 Roberts Bank, Delta, B.C. V4M 4G5

**OWNER/OPERATOR:** Westshore Investment Corporation, through its wholly owned subsidiary Westshore Terminals Ltd., owns all of the limited partnership units of Westshore Terminals Limited Partnership. Westar Management Ltd. has a long-term renewable contact to operate the terminal.

TEL: 604-946-3401 FAX: 604-946-1388

**CONTACTS:** Denis Horgan, Vice President & General Manager, and Glen Dudar, Manager of Production

WEBSITE: www.westshore.com

MARINE FACILITY SECURITY OFFICER: Cliff Bottoms Tel: 604-946-3436

**COMMODITIES:** Steelmaking and energy coals; petroleum coke

#### **BERTHS:**

No. 1: Dock face length 350 m, depth 20.9 m. Ships up to 260,000 dwt. Equipped with a single travelling shiploader maximum chute reach from berth face - 37.4 m with boom



WESTSHORE TERMINALS

# Re-investing in the future

Westshore Terminals has just completed one of the biggest equipment upgrades in its history. This five-year, \$110 million work has lifted capacity from 23.5 to 33 million tonnes a year; streamlined the way we handle coal; improved our carbon footprint; and greatly enhanced efficiency.

Now we are preparing for a \$230 million, four-year Terminal Infrastructure Re-Investment Project to replace three of our major coal moving machines, as well as a shiploader and relocate our administration, workshops and warehouse into one complex at the northern end of our site. This will give us a strong future and bring wealth and opportunity for our community and our country.

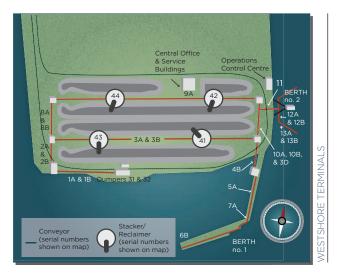


Growing to meet customer demand

elevated 150; longitudinal travel along wharf, 244.9 m; vertical clearance under boom above HHWL at berth face - 19.6 m with boom elevated 15°.

No. 2: Dock face length 263 m, depth 19.4 m mooring buoys at east and west ends. Ships up to 180,000 dwt. Equipped with two quadrant shiploaders. Vertical distance of bottom of trimmer above HHWL-19 m with boom elevated 18°; maximum boom reach from berth face - 34.9 m with boom elevated 18°.

**EQUIPMENT:** Two loop rail tracks and tandem twin rotary dumpers; four stacker-reclaimers; extensive high-speed conveyor system throughout terminal. A five-year project completed in 2010 added a single dumper barrel, exit and entry train positioners and a new fourth stacker-reclaimer.



**CAPITAL PROJECTS:** Westshore spent \$14 million on a new dust suppression system in 2013 including 12 new 130-foot high Big Bertha tower sprays (bringing the site total to 17) and replaced all 77 original ground level sprays with 94 Nelson Big Gun sprays. A new water processing facility allows greater use of recycled water. The project also included two custom-built MAMUs (mobile air monitoring units) used to monitor neighbourhood air quality; and a remote surveillance station at the 80th Street overpass in Delta monitor incoming loaded and outgoing empty coal trains.

**EQUIPMENT REPLACEMENT:** The terminal plans a \$230 million, four-year Infrastructure Reinvestment Program in 2014 to replace four of its oldest machines – three stacker-reclaimers and the shiploader on Berth 1. The project also includes the relocation of offices, warehouse and workships from six locations around the site to one complex at the north end. This will be the first time all facilities will be under the one roof. The project is expected to bring a more efficient and quieter terminal.

#### **CONTAINER TERMINALS**



CENTERM

### **CENTERM**

777 Centennial Road, Vancouver, B.C. V6A 1A3

**PORT OPERATOR:** Port Metro Vancouver

**OPERATOR:** DP World Vancouver

TEL: 604-255-5151 FAX: 604-662-8464

**CONTACT:** Timonthy Sain, Director of Operations

**WEBSITE:** www.dpworld.com

MARINE FACILITY SECURITY OFFICER: Samantha Mincher, TEL: 604-252-2525

**COMMODITIES:** Containerized and breakbulk cargo

BERTHS: 2 container berths: depth 12.2 to 15.5 m., total length 644 m.

• #1: Length: 350m, Depth: 10.5m

• #2: Length: 200m Depth: 15.4m

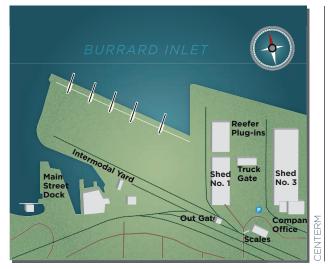
• #3: Length: 200m, Depth: 11.5m

• #4: Length: 183m, Depth: 8.6m

• #5: Length: 324m, Depth: 15.0m

• #6: Length: 324m, Depth: 15.6m

**EQUIPMENT:** 6 container cranes (3 ZPMC Super post panamax – 22 wide, twin 20 capable, 1 Fantuzzi post panamax – 19 wide, and 2 MGM – 17 wide). 19 one over five ZPMC / Noell RTG, 10 top picks, 50 yard tractors, 7 trailers for containers and lift trucks



with various capacities and attachments.

**STORAGE:** Container storage: approximately 5 high grounded operation, approximately 19,000 TEUs storage.

**BUSINESS SYSTEMS:** Advanced Navis LLC computerized yard and vessel planning and cargo control, Sparcs and Express; full EDI capability; on-line access available for clients. Truck and gate reservation system.

**FACILITIES:** 72 acres; 13 incoming truck lanes and 3 lanes out gate; reefer facilities: 550 reefer points 220/440v capability; on-dock intermodal yard, 4 tracks totaling 8000 feet. Service by CN Rail, CP Rail and BNSF.

**HOURS OF OPERATION:** Office - Monday – Friday 0700-1630 hrs, and Gate - Monday....." with "Truck Gate: (day) 08:00-1630 and (night) 16:30-01:00.. Vessels and terminal operations are 24/7.

**REMARKS:** DP World Vancouver is ISO 28000:2006 certified for Supply Chain Security Management. Centerm is embarking on a \$250 million expansion to increase terminal capacity from 900,000 TEU to between 1.5 to 1.8 million TEU in 2018.

#### **DELTAPORT CONTAINER TERMINAL**

2 Roberts Bank, Delta, B.C. V4M 4G5

**PORT OPERATOR:** Port Metro Vancouver

**TERMINAL OPERATOR:** GCT Canada Limited Partnership

TEL: 604-267-5400 FAX: 604-267-5401

**CONTACT:** Mike McLellan, Vice President and Chris Ng, Vice President, Marketing & Sales, Commercial Services



**DELTAPORT CONTAINER TERMINAL** 

WEBSITE: www.tsi.bc.ca

MARINE FACILITY SECURITY OFFICER: Daniel Howell TEL: 604-267-5471 or CELL: 604-374-5770

**COMMODITIES:** Containerized cargo

BERTHS: Three container berths total length 1,100 m.

No. 1: depth 15.9m; No 2: depth 15.9m; No. 3: depth 15.9m.

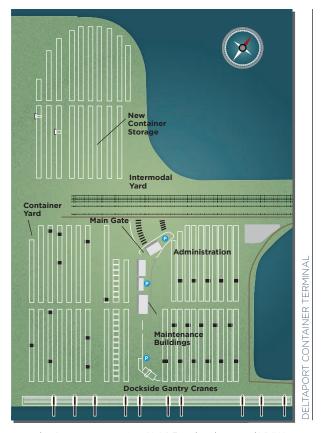
**EQUIPMENT:** 10 ZPMC Super Post Panamax dock gantry cranes; 6 cranes with 50 tonne capacity spreading to twin twenty-foot lifts, 4 dock gantry cranes with a 65 tonne lift, spreading to twin twenty-foot lifts. 3 cranes with quad lift capability hoisting 4x20' or 2x40' per single lift. Dock side cranes are capable of handling container ships 18-22 containers wide. 6 wide-span rail-mounted gantry cranes for intermodal yard, 30 rubber tire gantries and an abundance of multiple tractor trailer container haulage systems. Additional container handling equipment will be deployed in 2014.

**FACILITIES:** 85 hectares site. Gates – Gate 1: 6 pre-gates, 14 in gates, Gate 2: 8 out gates, Gate 3: 8 pre-gates, 8 in gates, 4 out gates.

**RAIL CAPACITY:** Canada's largest on-dock rail intermodal yard with eight tracks 3,500 feet each capable of handling four double-stack container trains simultaneously (over 550 TEUs per train). With extensive rail infrastructure, the intermodal yard is served directly by CNR and CPR, reaching all North American markets. Further expansion scheduled in 2014-2015.

REEFER POINTS: 1,020 plugs at 440 volts

**BUSINESS SYSTEM:** Current Terminal Operating System: NAVIS SPARCS, NAVIS Express, NAVIS WebAccess, NAVIS Configurable Gate, NAVIS Truck Appointment System, Xenos EDI System, TSI CHESS, TSI VTWA. Handheld in-vehicle touch-screen computers. Container Position Detection System in RTGs/RMGs. VHF/UHF/900 MHz/2.4 GHz



wireless networks. Data centres using BLADE technology and VMWare.

**TERMINAL CAPACITY:** Annual capacity is approximately 1.9 Million TEUs

**HOURS OF OPERATION:** Truck Gate: (day) 08:00-1630 and (night) 16:30-01:00.. All reservations, including extended/weekend gates, are available by reservation. Refer to www.tsi.bc.ca for daily updates on gate hours and activity. Please be advised truck carriers without reservations will not be serviced. Vessel: 24 hours. Rail: 24 hours.

# FRASER SURREY DOCKS

11060 Elevator Road, Surrey, B.C. V3V 2R7

**PORT OPERATOR:** Port Metro Vancouver

**TERMINAL OPERATOR:** Fraser Surrey Docks LP and Pacific Rim Stevedoring Ltd.

TEL: 604-582-2268 FAX: 604-581-7343

**CONTACT:** Bill Wehnert, Vice President, Sales & Marketing

WEBSITE: www.fsd.bc.ca

#### MARINE FACILITY SECURITY OFFICER:

lan Patterson TEL: 604-582-2239

**CELL:** 778-838-6915

Fraser Surrey Docks, located 28 kilometres upstream on the Fraser River, is a multi-purpose marine terminal handling containers, break bulk and project cargoes. All berths provide fresh water, light, and power. CFS services available on dock.

**COMMODITIES:** steel products, containerized cargo, agri-bulk products, forest products, project cargo and general cargo.

BERTHS: There are 7 berths in total.

Berths 2, 3 & 4: 565 m long concrete wharf for break bulk and general cargo. Draft 11.5 m.

Berth 6: Barge berth equipped with hydraulic ramp and ability to handle pass on/off cargo operations.

Berths 7, 8 & 9: 705 m long concrete wharf with 12.5 m draft served by four container cranes with lifting capacity of 80 tonnes.

Berth 10: 200 m dolphin berth with 12 m draft.

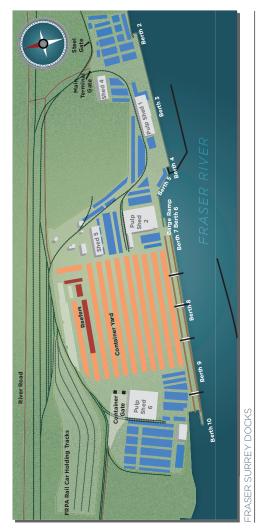
**EQUIPMENT:** The terminal has two 80 tonne Doosan container cranes, one 65 tonne Hanjung container crane, and one 40 tonne Paceco container crane. The facility has a full range of container handlers; yard tractors, trailers and fork lift equipment with various capacities and commodity attachments. Pacific Rim Stevedoring has a fully equipped stevedoring locker on-site.





For over 50 years, Fraser Surrey Docks has provided efficient and reliable solutions for all your container, break-bulk, project cargo, forest product and bulk agri-product handling needs.

≠ www.fsd.bc.ca



**STORAGE:** 65 hectares of total yard space for handling and storage of all cargoes and containers. Four fully serviced warehouses totalling 30,658 sq m for general cargo as required. Three sheds have fully enclosed rail platform for receiving or unloading weather sensitive cargo.

**RAIL CAPACITY:** 11,000 m of rail track on site; 5,500 m of rail car storage plus 5,500 m of working/storage track on the dock. Fraser Surrey Docks provides seamless intermodal rail service with rail connections to three major North American Railways – CN, CP, BNSF - and Southern Railway of BC to give Fraser Surrey Docks direct access to all markets within North America.

**REEFER POINTS:** 308 reefer plugs 220/440 volts.

TERMINAL CAPACITY: 408,000 TEUs to up to 800,000 with densification program

**BUSINESS SYSTEMS:** Fully computerized yard and vessel planning, gate systems and cargo control. Full EDI capability. Cargo management system available to ocean carriers, importers and exporters, website accessible.

**HOURS OF OPERATION:** Container Gate: Mon-Fri 0800-1600 hrs, Breakbulk Gate: Mon-Fri 0800 to 1600 hrs

# **VANTERM**

1300 Stewart Street, Vancouver, B.C. V5L 4X5

**PORT OPERATOR:** Port Metro Vancouver

TERMINAL OPERATOR: GCT Canada Limited Partnership

TEL: 604-267-5200 FAX:604-267-5214

**CONTACT:** Brian Gimblett, Director Terminal Operations, and Chris Ng, Vice President,

Marketing & Sales, Commercial Services

WEBSITE: www.tsi.bc.ca

MARINE FACILITY SECURITY OFFICER: Derek Razzell

TEL: 604-317-5023 FAX: 604-267-5269

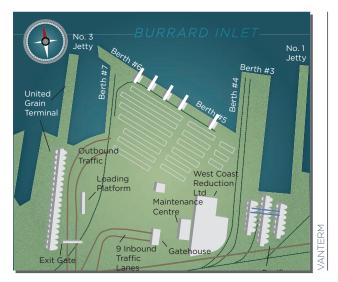
**COMMODITIES:** Containerized cargo and bulk oils.

**BERTHS:** Two container vessel berths (Berth #5 & #6) for Post Panamax vessels, total length 619 m(330m and 280m), and depth of 15.5m. 1 oil vessel berth, (Berth #4) Length is 183 m and depth is 15.2m. Utility/Oil berth (Berth #7) 91 m; water depth 14 m. Berth 1 & 2: length:260m; depth:9.9m. Berth 3: Length: 93m; depth 8.1m

**EQUIPMENT:** 6 ZPMC Post Panamax and Super Post Panamax container cranes (3 - 50 tonne capacity, 3 - 65 tonne lift), 18 RTGs (10 x 5 high & 8 x 6 high) capable of stacking



VANTERM CONTAINER TERMINAL



full containers one over  $4/5 \times 2.0$ m high 18 RTGs capable of stacking full containers one over  $4 \times 2.0$  m high, 7 wide; 2 reach stackers (full container handlers); 13 top picks (full container handlers); 8 side picks (empty container handlers); 43 yard tractors; 59 yard (chassis); 2 lift trucks; 4 rail car pusher and two truck scales. Additional handling equipment arriving in 2014. An underground pipeline from West Coast Reduction for loading bulk oils to deep-sea vessels.

**FACILITIES:** 31 hectares site

**GATES**: Ingate - 7 lanes with provisions for truck reservation and sorting full, empty, reefers, bulk runs and empty chassis; Outgate - 3 to 5 lanes including one lane for empty trucks. Gatehouse building includes, pregate checkers, and operations staff

**RAIL CAPACITY:** On-dock intermodal facilities, East Intermodal Yard: 6 tracks (1,000' feet each); West Intermodal Yard: 3 tracks (1,200' each). Service from CP rail and CN rail.

**REEFER POINTS:** 360 plugs at 440 volts.

TERMINAL CAPACITY: 850,000 TEUs.

**BUSINESS SYSTEM:** NAVIS Vessel/yard planning, inventory and billing. Automated equipment dispatch, container location tracking, advanced EDI and Internet services.

**HOURS OF OPERATION:** Truck Gate: (day) 08:00-1630 and (night) 16:30-01:00. All reservations, including extended/weekend gates, are available by reservation. Refer to www.tsi.bc.ca for daily updates on gate hours and activity. Please be advised truck carriers without reservations will not be serviced. Vessel: 24 hours. Rail: 24 hours

#### **CRUISE TERMINALS**

# **BALLANTYNE PIER**

655 Centennial Road, Vancouver, B.C. V6A 1A2

**OWNER/OPERATOR:** Port Metro Vancouver

**CONTACT:** Harbour Master's Office

TEL: 604-665-9086 FAX: 604-665-9099

**CONTRACTOR FOR CRUISE SHIP SERVICES:** Cerescorp Company

MARINE FACILITY SECURITY OFFICER: Alison Chow Tel: 604-830-6222

BERTHS: East Berth #1: 366 m and North Berth #2: used as an overflow berth. Depth: 10 m.

**GANGWAY UNITS:** 2 automatic, tide-sensored gangways.

**BAGGAGE AREA:** 2,320 sq m **DOCK APRON:** 10,100 sq m

**VESSEL SERVICES:** Fresh water at dockside, ship telephone jacks, garbage collection, (international and domestic), 24-hr tug service, 24-hr security.

PASSENGER SERVICES: Individual baggage carts, passenger lobby, food and drink concessions, car and bus parking area, taxi stand, full wheelchair access, full customs service, baggage storage. Travellers can access the Ballantyne Cruise Terminal via Clark Drive or McGill Street Overpass only. There is no access to travellers via Victoria Drive and Heately Avenue.

**NOTE:** Ballantyne Pier will discontinue operations in 2015 as plans are to consolidate cruise operations to Canada Place in 2015. The site will be incorporated in DP World's expansion plans for Centerm..



**BALLANYNE PIER** 



CANADA PLACE CRUISE SHIP TERMINAL

#### **CANADA PLACE**

999 Canada Place, Vancouver B.C. V6C 3C1

**OWNER / OPERATOR:** Port Metro Vancouver

**CONTACT:** Harbour Master's Office

TEL: 604-665-9086 FAX: 604-665-9099

MARINE FACILITY SECURITY OFFICER: Alison Chow TEL: 604-830-6222

**CONTRACTOR FOR CRUISE SHIP SERVICES:** Cerescorp Company

TEL: 604-641-1349

BERTHS: Three berths available with available depth of 8.4 m to 10 m.

East Berth: Length 506 m

West Berth: Length 329 m

North Berth: Length: 274 m

**GANGWAY UNITS:** 2 automatic tide-sensored gangways at each berth.

BAGGAGE AREA: 6,000 sq m

DOCK APRON: 9,500 sq m

**VESSEL SERVICES:** Shore power plug in (first in port), fresh water, ship telephone jacks,

garbage collection (international and domestic), 24-hr security.

#### OTHER SOUTH COAST PORTS

#### PORT MELLON

(49°31'N,123°29'W)

Port Mellon is located in Thornbrough Channel on the west side of Howe Sound near the town of Gibsons on the Sechelt Peninsula. Port Mellon is home to the Howe Sound Pulp and Paper Mill with one berth to accommodate deep-sea vessels.

UN/LOCODE: CA PML

**NAVIGATION:** The inner approach to the port is deep and free of dangers.

VTS: Assigned frequency is 156.6 MHz, Channel 12.

**INTERMODAL:** A rail-car barge ramp and chip handling facilities for barges are east of the berth. Access from Vancouver is via the Langdale ferry.

**SERVICES:** Tugs and fresh water available. Stores and ship repairs from Vancouver. Fuel available in ship emergency only. First aid at the gatehouse 24 hours and ambulance service are available. Port Mellon is not a port of entry – Customs clearance must be obtained from Vancouver.

#### HOWE SOUND PULP AND PAPER

3830 Port Mellon Hwy, Port Mellon, B.C. VON 2S0

**OWNER/OPERATOR:** Paper Excellence BV

TEL: 604-884-5223 FAX: 604-884-2179

CONTACT: Glenn Dempster, Shipping Superintendent, TEL: 604-884-2353 office

**WEBSITE:** www.hspp.ca

MARINE FACILITY SECURITY OFFICER: Wallie Dempster, TEL: 604-884-2279.



HOWE SOUND PULP AND PAPER

**COMMODITIES:** Kraft pulp and newsprint

BERTH: Length 189 m, depth9.5m at zero tide

STORAGE: 2045 sq m on dock, 5,200 sq m in shed (500 feet)

**FACILITIES**: Unloading ramp at the mill site for rail cars and barges; plane ramp available. 18,000 tonne pulp warehouse and 14,000 tonne newsprint warehouse.

#### **SQUAMISH**

(4 9 ° 4 0' N, 12 3 ° 0 7 'W)

Squamish is a natural deepwater port located at the head of Howe Sound, 50 km north of Vancouver. With its entrance to the east arm of Squamish River, the port consists of Squamish Terminals, a public terminal open to all break-bulk shippers and carriers and is capable of handling a wide variety of cargoes, including baled pulp, rolled pulp, newsprint, packaged lumber, plywood, steel goods, and others. In early 2006, Western Forest Products closed the Woodfibre pulp mill after 94 years of service.

**AUTHORITY:** District of Squamish

ADDRESS: 37955 – 2nd Avenue, PO Box 310, Squamish, BC VON 3G0

TEL: 604-815-5005 FAX: 604-892-1083

UN/LOCODE: CA SOA

**NAVIGATION:** The harbour is large with deepwater access, good navigational aids, fog and ice-free. There are extensive booming grounds in the area.

**ANCHORAGES:** A short-term anchorage can be obtained SW of Squamish Approach light.

VTS: Assigned frequency is 156.6 MHz, Channel 12

**INTERMODAL:** CN Rail provides direct access from the Province's interior to the port as well as linking it with connecting transcontinental railways at Vancouver.



**SERVICES:** Tugs, fuel via truck, fresh water, small craft repairs facilities and medical services are available. Squamish is not a port of entry – for customs purposes.

### SQUAMISH TERMINALS LTD

37500 Third Ave, Squamish, B.C., P.O. Box 1520, V8B 0B1

TEL: 604-892-3511 (Vancouver 604-687-6891) FAX: 604-892-5623

**CONTACT:** Kim Stegeman, Vice President Administration and Joe Webber, Vice President Operations

**WEBSITE:** www.sqterminals.com

MARINE FACILITY SECURITY OFFICER: Joe Webber or Doug Hackett, TEL: 604-687-6891 Ext. 307 or 309.

**COMMODITIES:** Wood pulp, lumber, steel, project and general cargo

**BERTH:** East Berth: Apron length of 137 m and draft 11.7 m. West Berth: Apron length of 152 m and draft 12.0 m.

**EQUIPMENT:** Over 50 pieces of specialized, modern, low-emission cargo handling equipment on site with lift truck capacities up to 20,000 kg and trailer capacities up to 75,000 kg. Access to additional equipment is available upon request.

**STORAGE:** Three warehouses with 47,400 square metres (510,000 square feet), providing direct rail and truck access, covered loading aprons, fire protection and polished concrete floors for optimum cargo cleanliness. Significant amount of laydown area / outside storage also available. Registered to ISO 9001:2008. Certified Health & Safety Management System. Certified member of Green Marine.





#### One of Western Canada's leading BREAK BULK terminals for over 40 years.

#### **LOCATION**

- Ideally situated at the north end of Howe Sound in Squamish
- Just 32 nautical miles north of Port Metro Vancouver and 48 kilometers via Highway 99

#### **CARGO SERVICES**

- Forestry woodpulp, lumber
- Steel pipeline, construction
- Project equipment, yachts
- · Bags wood pellets, fertilizer
- Stevedoring services available upon request

#### CONNECTIONS

- Dedicated and skilled workforce
- Open to all major break bulk shipping lines
- · Serviced by CN Rail and other major carriers
- Tug mooring facility serviced by Saam Smit Towage
- Minutes from Highway 99

#### **FACILITIES & EQUIPMENT**

- 2 Berths with 11.5 plus meter draft @ zero tide
- 3 Warehouses (47,400 square meters) with direct rail access, covered loading aprons, concrete floors for optimal cargo cleanliness, and fire protection
- Significant outside storage area and lay down yard
- Over 50 pieces of specialized, modern, regularly upgraded, low-emission cargo handling equipment







ISO 9001:2008, Health & Safety Management System (COR Certified), Certified Member of Green Marine



**CONNECTIONS:** Only 32 nautical miles from Port Metro Vancouver. Open to all major break-bulk shipping lines. Serviced directly by CN Rail. Highway 99 just minutes away, providing fast turnaround time for the trucking industry (48 kilometres to Vancouver). Tug mooring facility serviced by Saam Smit Towage. Stevedoring services available by arrangement.

#### TEXADA ISLAND

(4 9 ° 4 2' N, 12 4 ° 3 3'W)

Texada Island, the largest of the Gulf Islands, is located about 80 km north of Vancouver at its southernmost tip and about 10 km southwest of Powell River. It is 51.5 km long and six miles wide at its widest and is separated from the mainland by Malaspina Strait. Texada Island has three operational limestone guarries on the north end of the island.

**AUTHORITY: Powell River Regional District** 

ADDRESS: 5776 Marine Ave, Powell River, BC V8A 2M4

TEL: 604-483-3231 FAX: 604-483-2229

UN/LOCODE: CA TEX

**NAVIGATION:** Texada Island separates the main shipping route through the Strait of Georgia from Malaspina Strait.

**ANCHORAGES:** Exposed anchorage can be obtained 0.3 km offshore in Gillies Bay in a depth of about 20 m.

VTS: Assigned frequency is 156.575 MHz, Channel 71.

**INTERMODAL:** BC Ferries operates a ferry service on a daily schedule from Powell River across the Malaspina Strait to Blubber Bay on Texada Island.

**SERVICES**: Tugs, fresh water and telephone available. Stores obtained locally or from Vancouver.

### TEXADA OUARRYING MARINE TERMINAL

PO Box 160 Van Anda, BC VON 3KO

TEL: 604-486-7312 FAX: 604-486-7280

BERTH: Depth: 14.0m

**FACILITIES:** Equipped with a new single quadrant shiploading system which can load vessels ranging from barges to Panamaxs at a rate of 4000 tonnes per hour. Incorporating the latest design technology including an advanced HMI operations system, optional remote operation, automatic lubrication, dual conveyor belt scales and hydraulic luffing.





# **ENDLESS POSSIBILITIES.**

Located within Prince Rupert's protected harbour, our secure 54 acre site with 3000 linear feet of direct water access provides convenient road proximity to the Fairview Container Terminal, local project sites and beyond to all points east.

#### **Tidal Coast Terminals proudly offers:**

- Full Service Log Sort
- Container Handling
- Forest Products Reload
- Bagged Cargo Reload
- Full Service Breakbulk Cargo Stevedoring to & from Deep Sea Vessel Holds via Barge
- Terminal Handling For Forest Products, Steel Cargoes Including Pipe, Modules, Project Cargos, etc.



### **TIDAL COAST TERMINALS**

130 MISH-AW ROAD, P.O BOX 61 PRINCE RUPERT, BC V8J 3P2 PH: 250-591-2633

info@tidaltransport.com
Contact: Ron Brinkhurst

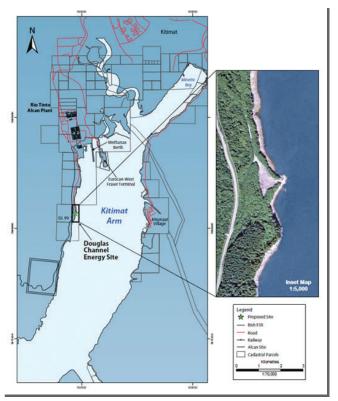


#### KITIMAT PROJECTS

# BC LNG DOUGLAS CHANNEL ENERGY PARTNERSHIP LNG LIQUEFACTION PLANT

The proposed project consists of an LNG liquefaction plant located in Kitimat Arm receiving gas from the existing Pacific Northern Gas pipeline and potentially the proposed Pacific Trail Pipeline. The project has been developed by Douglas Channel Energy Partners (DCEP), a privately-owned partnership of the Haisla First Nation of Kitimat and LNG Patners LLC from Houston, Texas.

**CAPACITY:** Initial LNG production will be approximately 700,000 tonnes per annum



based on the current agreements and estimates of available pipeline capacity from Pacific Northern Gas. Plant capacity could be increased to 1.8 million tons.

**COST:** \$360-450 million (capital cost)

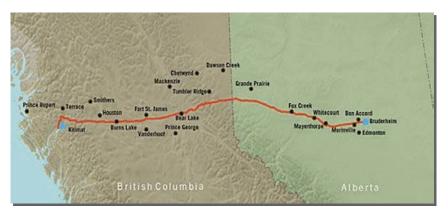
STATUS: It was announced in September 2013 that a LOI has been signed with EXMAR



to provide a Floating Liquefaction & Storage Unit (FLSU) to serve the project. However this and other issues have been subject to dispute and formal litigation between the project partners.

For further detailed information please see: http://www.douglaschannelenergy.com/

# **ENBRIDGE NORTHERN GATEWAY PIPELINES**



The Enbridge Northern Gateway Pipeline Project calls for the construction of a new 1,177 km twin pipeline running from near Edmonton, Alberta, to a new marine terminal in Kitimat, to export diluted bitumin and import condensate.

The terminal would be located on the west side of Kitimat Arm about 7 kms south of Kitimat at Bish Cove. The project calls for a two berth facility for crude oil export plus a utility berth and product storage tanks.



PROPOSED ENG TERMINAL.

**CAPACITY:** The pipeline will carry approximately 525,000 barrels of petroleum product per day to Kitimat for export. A parallel pipeline will carry approximately 193,000 barrels of imported condensate per day to Edmonton.

COST: Pipeline: \$5.29 billion, terminal: \$1.28 billion

**STATUS:** The Joint Review Panel finished its report and recommended in late 2013 that the federal government approve the project subject to a number of conditions. The government has six months in which to decide next steps.

**TIMELINE:** Subject to project approval and detailed design, construction could begin in 2015 and complete in 2018/19.

For further detailed information please see: http://www.northerngateway.ca/

# KM LNG OPERATING GENERAL PARTNERSHIP





Chevron and Apache propose to develop and operate an LNG export terminal at Bish Cove near Kiitmat. The terminal would include LNG loading, storage, natural gas delivery, liquefaction and export facilities. Delivery of gas to the terminal would be via pipeline, approximately 15 km long, from the Pacific Trail Pipelines, which will be connected to the existing Spectra Energy's Westcoast Pipeline system.





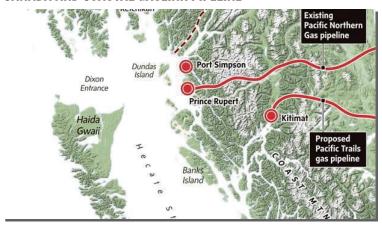
**CAPACITY:** Export capacity of 3.5 – 5.0 million tons per year. The project calls for an Initial storage capacity of two 210,000 m3 LNG tanks with potential for future expansion.

COST: \$4.5 billion

**STATUS:** Project proponents are indicating that an announcement on whether to proceed will be made in 2014.

**TIMELINE:** Subject to final approval, development will require 4–5 years.

### LNG CANADA AND COASTAL GASLINK PIPELINE



LNG Canada was formally announced in May 2012. Project partners Shell Canada, Korea Gas, Mitsubishi Corp, PetroChina Co. Ltd. are proposing to build and operate a two billion cubic feet/day LNG export terminal.

In June 2012, TransCanada PipeLines announced it has been selected by the joint

venture partners to develop an approximately 700 km pipeline to supply the facility.

**CAPACITY:** LNG Canada will initially consist of two LNG processing units, referred to as "trains", each with the capacity to produce six million tons per annum of LNG, bringing annual capacity to 12 million tons with an option for future expansion.

COST: \$12 billion

**STATUS AND TIMELINE:** The project is currently undergoing environmental review and project proponents are indicating that an announcement on whether to proceed will be made in 2014.

# RIO TINTO ALCAN EXPANSION AND MODERNIZATION



Rio Tinto Alcan is currently modernizing and expanding the existing Kitimat aluminum smelter.

**CAPACITY:** The project will increase production capacity by more than 48% to approximately 420,000 tons/year.

COST: \$3.8 billion (USD)

**STATUS:** Underway

**TIMELINE:** First metal is expected to come on stream in 2014. The modernized smelter will be powered exclusively by wholly-owned hydropower and will use proprietary AP40 smelting technology.

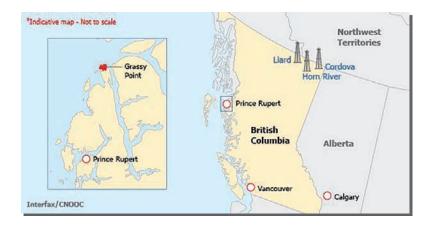
# TALISMAN ENERGY INC., NEXEN INC. AND IMPERIAL OIL LTD.

The partners are in the early stages of assessing the options for a further LNG export project from Kitimat. Canada's Nexen (now owned by CNOOC) announced on November 29 2011 that it had struck an agreement to form a joint venture focused on

its British Columbia shale gas business. Japanese firms Inpex and JGC have agreed to pay CAD700mn (US\$680mn) for a 40% stake in Nexen's properties in the Horn River, Cordova and Liard Basins.

#### PRINCE RUPERT PROJECTS

#### **AURORA LNG**



In November 2013 it was announced that Aurora LNG, a partnership between Nexen, INPEX Corporation and JGC Exploration Canada Ltd; has applied for a 25 year licence to export 24 million tons per year of natural gas from Grassy Point, north of Prince Rupert. The Aurora partners have reached a \$24-millionagreement with the B.C. government for exclusive rights to develop the Grassy Point property.

The company has outlined plans for a natural gas liquefaction plant with LNG storage, a marine jetty and a loading dock capable of handling Q-Flex sized LNG carriers. Plans call for two LNG trains initially, with two additional trains being built as the market and project economics dictate. The facility would allow for the concurrent loading of vessels at adjacent berths.

Through Nexen, CNOOC owns 60% of the Aurora LNG Ltd. joint venture, while the remaining 40% is held by Inpex Corp. and JGC Corp., both of Japan. The planned commissioning and first cargo is expected to be in the 2021 to 2023 time frame.

The source of Aurora's natural gas would be from property in the Liard, Horn River and Cordova shale gas fields in northeastern British Columbia. Aurora holds nearly 300,000 acres (121,407 hectares) of shale gas resource, and capital spending on the Liard basin alone is forecast to surpass \$200-million in 2013.

# BRITISH GAS (BG) AND SPECTRA ENERGY LNG TERMINAL AND PIPELINE



ARTISTIC RENDERING

Prince Rupert Port Authority has engaged with the British Gas Group for a potential LNG export terminal. The potential terminal will be fed by an 850 km pipeline from northeast BC.

**CAPACITY:** The pipeline will be able to transport 4.2 billion cubic feet of natural gas per day.

COST: Pipeline: \$8 billion, terminal: TBD

**STATUS:** The project is currently undergoing engineering and environmental assessment - a final investment decision is expected by 2016 with project completion between 2019 and 2020.

For further information please see:

http://www.spectraenergy.com/Operations/New-Projects-and-Our-Process/New-Projects-in-Canada/Spectra-Energy-and-BG-Natural-Gas-Transportation-System/

# **CANPOTEX - NEW POTASH TERMINAL**



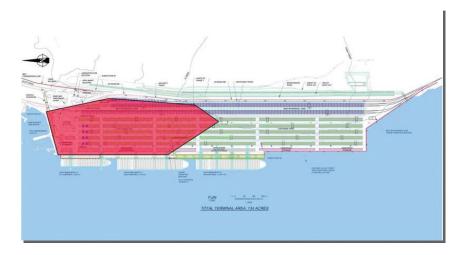
Canpotex Terminals has proposed to construct and operate a new potash export terminal on Ridley Island. The project would include a marine terminal, access trestle, causeway, an all-weather ship loading facility, a potash storage building, associated conveyor and dust collection systems and an automated railcar unloading and conveyor system.

**CAPACITY:** 13 million tons per year.

COST: \$800 million

**STATUS:** Under consideration

# FAIRVIEW CONTAINER TERMINAL - PHASE 2A & B



The project will expand the existing Fairview Terminal by extending the wharf by 800 metres, increasing the dock area to 56 hectares and quadrupling the number of cranes. The expanded facility will have an on-site storage capacity of 25,000 TEUs and plans also include construction of a new industrial access road between Fairview Terminal and Ridley Island.

**CAPACITY:** The expansion will increase the capacity of the facility from the current 750,000 to 2 million TEUs.

COST: \$650 million

**STATUS:** Engineering design, environmental assessment and consultation are underway – no firm time lines have been announced.

For further detailed information please see: http://www.rupertport.com/facilities/fairview

#### PACIFIC NORTHWEST LNG TERMINAL AND PIPELINE



ARTIST'S RENDERING - LELU ISLAND IN BRIGHT GREEN

Prince Rupert Port Authority has engaged with Pacific NorthWest LNG which is majority owned by Malaysia's PETRONAS Group on proposal to construct an LNG plant on Lelu Island near Prince Rupert. A feasibility study has been completed and the project is moving into the pre front-end engineering design phase.

The final design and capacity is still being developed but is known to include two LNG trains or liquefaction plants and an export terminal. LNG will be supplied by Progress Energy Canada Ltd.; which is also majority owned by PETRONAS comprising of a 750 km pipeline to deliver gas from the Fort St. John area of BC to the export facility.

**CAPACITY:** Design export capcity 3.8 million tons per year.

**COST:** LNG facility \$9-11 billion, pipeline \$5 billion.

**STATUS:** The project is currently moving into the engineering and design phase - a decision to proceed is expected by late 2014 with construction anticipated to begin by early 2015 taking approximately 4 years. The earliest LNG shipments to customers would be late 2019.

For further detailed information please see: http://pacificnorthwestlng.com/

# RIDLEY ISLAND ROAD RAIL UTILITY CORRIDOR PROJECT

This project involves construction of an access road, rail loop, utilities, onshore terminal infrastructure and marine components to Ridley Island Industrial Park. By providing vehicle and rail access as well as basic utilities to prospective users, the Port Authority anticipates to be able to attract investments consistent with the port's 2020 Gateway Vision.



The first phase of the project consists of three inbound and two outbound tracks for coal, potash and other bulk terminal developments, two additional tracks that form a loop around the main part of Ridley Island and one new track that extends off the rail loop towards Ridley Terminals.

The full build out of the corridor will consist of:

- An access road with two lanes wide paralleling the rail loop and including an
  overpass at the northwest corner of the loop and an underpass at the southern
  end of the loop. This will facilitate vehicle access to the potash terminal, lands
  within the rail loop, and lands at the south end of the island.
- A new approximately 3.4 km 69 kV power line, owned by the PRPA, connecting Ridley Island and proposed development sites to the existing power transmission system.
- An approximately 7.8 km rail loop corridor with capacity for 14 inbound tracks and 11 outbound tracks.

COST: \$90 million

**STATUS:** Under construction and completion is estimated during 2014.

For further information please see: http://www.rupertport.com/news/releases/rruc-construction-begins

#### RIDLEY TERMINALS - COAL HANDLING CAPACITY EXPANSION

The first year of the project included the installation of two dumper barrels in December 2011, which marked the first capacity growth at the terminal since it was commissioned in 1983. 2011's planned works were completed with the clearing 44 acres of additional lands for further improvement.



2012 involved site civil works, upgrades of the existing stacker/reclaimers, delivery of a third stacker/reclaimer, installation of additional conveyers, and installation and upgrade of nearly 14 km of rail infrastructure.

Construction continues with the integration of the additional land area into the existing operation. In 2014 a new tandem rotary dumper and a new thaw shed will be added to the terminal's operation, increasing total terminal capacity well above the current 12 million tons/year.

COST: \$200 million

**STATUS:** Under construction and expected to be complete by the end of 2014.

# WATSON ISLAND INDUSTRIAL SITE REDEVELOPMENT



The project partners of Watson Island Development Corporation (WatCo) have advanced a conditional offer of \$5 million to the City of Prince Rupert and \$500,000 to

the District of Port Edward to purchase Watson Island.

WatCo plans to redevelop Watson Island as a bulk shipping terminal, with a supporting industrial park. Watson Island is an ideal site for a bulk terminal, as its existing marine and rail infrastructure can readily accommodate smaller bulk vessels, including Handymax-sized ships. The terminal would accommodate a range of commodities.

The partners comprising Lax Kw'alaams First Nation, the Metlakatla Development Corporation, Colonial Coal International and Hillsborough Resources are in the process of formulating a business case which will outline the specific investment opportunities available on the site

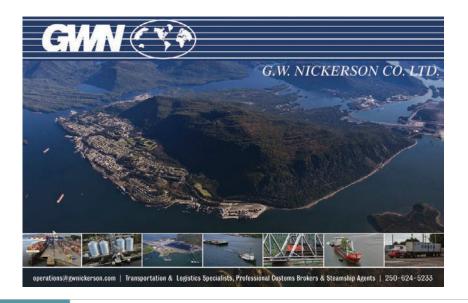
The site was formerly Skeena Cellulose Pulp Mill which closed in 2001.

For further detailed information please see: http://www.watdevco.com/watson-island/

#### STEWART PROJECTS

# PORT OF STEWART DEVELOPMENT

Coal developer Atrum Coal has secured some 1.5-million tonnes a year of export capacity with Stewart Bulk Terminals for its flagship Groundhog project which will potentially generate bulk exports of up to 1.5 million tonnes a year by 2014. Atrum has also signed a memorandum of understanding with "Stewart World Port", which is due for completion in 2016, for the export of up to a further five-million tonnes a year of coal products from Groundhog.









# NORTHCOAST

The North Coast of the province features three gateway ports – Prince Rupert, Kitimat and Stewart - and is recognized as Canada's Northwest Corridor, connecting Western Canadian provinces and the US Midwest to the Asia-Pacific. Theses ports are Canada's most westerly ports, with a 1-2 day sailing advantage over all other west coast ports.

The North Coast region has a relatively small population base of approximately 100,000 people, most living in the cities of Prince Rupert, Kitimat and Terrace. The major industries of the region are forestry, mining, smelting, fishing and tourism.

CN Rail provides rail access to the region's ports.

Airports at Prince Rupert and Terrace provide regular connecting flights to Vancouver.



#### KITIMAT

(53° 59'N, 128° 41'W)

The Port of Kitimat is a privately operated port offering three industrial deep-sea facilities consisting of four berths. In addition, the port offers a ro/ro barge facility, one shallow water ferry berth, and two seaplane docking locations.

**AUTHORITY:** District of Kitimat

ADDRESS: 270 City Centre, Kitimat, B.C. V8C 2H7

**WEBSITE:** www.portofkitimat.com

**CONTACT:** Rose Klukas, Economic Development Officer

TEL: 250-632-8900 FAX: 250-632-4995

UN/LOCODE: CA KTM

NAVIGATION: Access is 90 nm inland of Caamano Sound via the wide, safe fjord known

as the Douglas Channel.

**ANCHORAGE:** There are two deep water anchorage areas off the former Eurocan dock, caution required in adverse weather.

VTS: Assigned frequency is 156.55 MHz, Channel 11.

**INTERMODAL:** Linked to the world by land, air and sea, Kitimat is just 60 km south of the TransCanada Yellowhead Highway "Mile 0" of Highway 37, Canada's most westerly highway system connecting BC to the Yukon and Alaska. CN Rail provides freight service. For passengers wanting the fastest link between Kitimat and the Lower Mainland, the Terrace Regional Airport provides daily flights to/from Vancouver International Airport.

**SERVICES:** Tugs readily available for berthing. Local ships agents. Access to bunkers is restricted.



KITIMAT

# **RIO TINTO ALCAN TERMINAL**

1 Smeltersite Road, P.O. Box 1800, Kitimat, B.C. V6C 2H2

**OWNER / OPERATOR:** Rio Tinto Alcan **TEL:** 250-639-8000 **FAX:** 250-632-8127

CONTACT: Rick Costain, Wharf General Supervisor, TEL: 250 639 8783, FAX: 250 639 8195

**WEBSITE:** www.riotintoalcaninbc.com

MARINE FACILITY SECURITY OFFICER: John Kosarynskyi, TEL: 250 639 8326,

FAX: 250 639 8730

**COMMODITIES:** Imports - bulk alumina, liquid pitch, coke and fluoride;

Exports - aluminum products

BERTH: Berth No. 1: Length 229.5 m, depth 10.67 m at zero tide.

STORAGE: Open storage only.



#### FORMER EUROCAN PAPER EXPORT TERMINAL

(CURRENTLY NOT UTILIZED)

Box 1400 Eurocan Way, Kitimat, B.C. V8C 2H1

Berth No. 1 (Southern): Length 137 m, depth 13.7 m.

Berth No. 2 (Northern): Length 137 m, depth 10.7 m (both berths have mooring dolphins at each end).

STORAGE: Warehouse capacity 73,200 sq m

#### SHELL KITIMAT TERMINAL

P.O. Box 176, Kitimat, B.C. V8C 2G7

**OWNER / OPERATOR:** Shell Canada Energy

**WEBSITE:** www.shell.ca

CONTACT: Roland Bachmann TEL: 250-639 -3234

MARINE FACILITY SECURITY OFFICER: Ken Nagel, TEL: 250 639 3234

BERTH: Length 430 m, depth 13 m, width 90 m.

The loading platform with two pads on either side of the wharf has mooring dolphins north and south. The distance between breasting pads is approximately 78 m, and the overall length between dolphins is approximately 300 m. Berth will accommodate vessels up to 177 m. 12 meter draft alongside.

**REMARKS:** Remarks: LNG Canada, a joint venture led by Shell along with PetroChina, KOGAS, and Mitsubishi propose to develop this site for a liquefied natural gas export facility.

#### PRINCE RUPERT

(54° 19 'N, 130° 20'W)

The Port of Prince Rupert offers the deepest natural harbour in North America and is ice-free all year. The port covers all waters of Prince Rupert Harbour, including Ridley Island, Tuck Inlet, Morse Basin, Wainwright Basin, Porpoise Harbour and Venn Passage.

Strategically located, Prince Rupert serves as the North American entry point of the North West Transportation Corridor, linking the fast-growing Asian markets to one of the world's largest industrial and consumer hinterlands. With modern high throughput terminals and the availability of vast industrial development property, Prince Rupert offers shippers and producers many competitive advantages to move their cargo with unparalleled reliability, speed and efficiency.

Prince Rupert is also Canada's second largest West Coast port and is situated on the shortest land/sea route to the US Midwest. Access to CN Rail's high capacity northern mainline provides land connections to Continental North America via the lowest grades through the Northwest Transportation Corridor.

The Port of Prince Rupert enjoys a strategic geographical location that translates into competitive advantages by way of:

- Closest North American West Coast port to Asia by up to 2 days
- Superior uncongested rail and road connections and efficient access to Continental North America. Normal transit time to the Chicago hinterland is 4 days
- One of the deepest natural harbours in North America with year-round ice-free access
- Safe, sheltered and unfettered access
- Significant capacity for future growth

**AUTHORITY:** Prince Rupert Port Authority

ADDRESS: 200-215 Cow Bay Road, Prince Rupert, B.C. V8J 1A2

**TEL:** 250-627-8899 or Security Operations Centre: 250-627-2522

**FAX:** 250-627-8980

**EMAIL:** pcorp@rupertport.com **WEBSITE:** www.rupertport.com

UN/LOCODE: CA PRR

**CONTACTS:** Don H. Krusel, President & CEO; Gary Paulson, Director, Operations & Security.

**PORT INFORMATION GUIDE:** www.rupertport.com/marine-operations/port-information-quide



PRINCE RUPERT PORT

79

**NAVIGATION:** Entry is from the south between Digby and Kaien Island and a minimum depth of 35 m at the harbour entrance can accommodate vessels up to 250,000 dwt. Canadian Charts 3957, 3958, and 3955 and Admiralty Chart 2435 cover the Port of Prince Rupert and the approaches.

**ANCHORAGES:** Eight anchorages are located within the harbour limits and an additional eleven anchorages are located outside these limits near Prescott, Stephens and Lucy Islands

VTS: Assigned frequency is 156.575 MHz, Channels 11 and 71.

**SERVICES:** Tugs readily available. Bunker availability restricted. Minor repairs to hull, machinery and electronics can be effected with adequate notice. Prince Rupert is a Customs port of entry.

# PRINCE RUPERT GRAIN LTD.

PO Box 877 Ridley Island, Prince Rupert, B.C. V8J 3Y1

**OWNER:** Prince Rupert Grain Ltd.

TEL: 250-627-8777 FAX: 250-627-8541

**CONTACT:** Bruce Grant, Operations Superintendent

WEBSITE: www.rupertport.com/princerupertgrain.htm

MARINE FACILITY SECURITY OFFICER: Bruce Grant TEL: 250-624-0515

**COMMODITIES:** Wheat, barley, canola and other grains

BERTH: Berthing dolphins 118 m, mooring dolphins 240m, depth 13.7m buoys.

MAXIMUM BERTHING SIZE: LOA 285m, Beam 40m. Maximum loaded draft one metre less than water depth. Ships larger than these dimensions will be reviewed on an individual basis.



PRINCE RUPERT GRAIN

**EQUIPMENT:** 3 tower mounted shiploaders, spacing 50m (slewing boom), 8 shipping bins at 750 tonnes (28,000bu) each, 2 conveyors operating at 2,000 tonnes/hr. Distance between elevator to ship 600m, and shore to ship 200m.

**FACILITIES:** The Prince Rupert Grain terminal on Ridley Island has amongst the highest rated loading rate of any grain elevator in the world. The facility regularly handles more five million tonnes of grain per year but has capacity for considerable growth.

# RIDLEY TERMINALS INC

P.O. Bag 8000, Prince Rupert, BC V8J 4H3

**OWNER:** Government of Canada

TEL: 250-624-9511 FAX: 250-624-4990

CONTACT: Dennis Blake, Senior Manager TEL: 250-627-3514

**WEBSITE:** www.rti.ca

MARINE FACILITY SECURITY OFFICER: Pete Petersen

TEL: 250-627-3549 or CELL: 604-624-1704

**COMMODITIES:** Metallurgical and thermal coal, petroleum coke, wood pellets.

**BERTH:** Length 420m with berthing dolphins of 150m and mooring dolphins of 370m. Maximum vessel size 325m LOA. 50m beam. 22m draft. 250,000 dwt.

**EQUIPMENT:** 2 quadrant slewing shiploaders each with a loading rate capacity 4,500 MT/hour, air draft working height 34 m above LLW, outreach of 43 m, overall hatch of the vessel should not exceed 240m

**FACILITIES:** Annual capacity is 12 million tonnes. The terminal design allows for storage for up to 1.2 million tonnes on site. Unit trains are unloaded at rates up to 6,000 tonnes per hour with the tandem rotary dumper capable of tipping 65 car per hour without



RIDLEY TERMINALS

uncoupling. Vessel loading is performed at up to 9,000 tonnes per hour. Rail tracks for five 102 unit trains.



FAIRVIEW CONTAINER TERMINAL

# FAIRVIEW CONTAINER TERMINAL

3100 Scott Road, Prince Rupert, B.C. V8J 3P4

TERMINAL OPERATOR: Maher Terminals Holding Corp.

TEL: 250-624-2124 FAX: 250-624-2323

**CONTACT:** Jim Rushton, Terminal Manager

WEBSITE: www.rupertport.com/container.php and

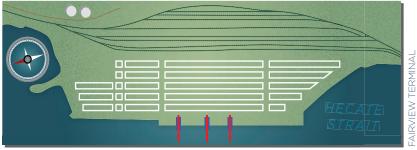
www.mahercanada.com

MARINE FACILITY SECURITY OFFICER: Jim Rushton TEL: 250-624-2124 ext. 2107

CELL: 250-600-3186

**COMMODITIES:** Containerized cargo

BERTHS: Two berths with total length of 642 m; NORTH BULK BERTH: length: 245 m, depth: 13.4m;



**SOUTH CONTAINER BERTH:** length:359m, depth 16.7m.

**EQUIPMENT:** 3 Super Post Panamax Cranes with 22 wide outreach and twin 20′, 17 reach stackers to support the container yard and intermodal on-dock double stack rail operations, and 34 terminal tractors.

**FACILITIES:** 58 acres site

**RAIL CAPACITY:** 20,000 ft of rail on the terminal, significant mainline rail capacity to the mid-West to accommodate port growth.

STORAGE: Capacity @ 5 high 15,000 TEU

**TERMINAL CAPACITY: 700,000 TEUs annually** 

**NEW DEVELOPMENTS:** The Phase II expansion of Fairview Terminal is under

Environmental Review The expansion will progressively increase the terminal's footprint to 165 acres with an annual capacity of 2 million TEUs.



WESTVIEW WOOD PELLET TERMINAL

#### **WESTVIEW TERMINAL**

25 Waterfront Street, Prince Rupert, BC V8J 3P6

**OWNER:** Pinnacle Renewable Energy Inc.

**OPERATOR:** Metro Ports

TEL: 250-600-7600

**CONTACT:** Terminal Manager

WEBSITE: www.pinnaclepellet.com

MARINE FACILITY SECURITY OFFICER: Mike Cringan

**COMMODITIES:** wood pellets

BERTH: Length 245m and beam 32.2m - up to 77,500 dwt vessel.

**STORAGE CAPACITY:** 4 x 12,000 mt silos

#### **ATLIN CRUISE TERMINAL**

**OWNER / OPERATOR:** Prince Rupert Port Authority

TEL: 250-627-8899 FAX: 250-627-8980

**CONTACT:** Steve Robin, Supervisor of Marine Operations

WEBSITE: www.cruisetoprincerupert.com/atlin.htm

MARINE FACILITY SECURITY OFFICER: Steve Robin TEL: 250-627-2523

**BERTH**: Maximum length of vessel for the facility is 100m with 5m draft and 2500 dwt. 103m of concrete floats along with an 18.2m x 12m. lightering float, a 20m aluminum ramp/walkway with secure access to the floats while large vessels tie-up to the bollards located on the dock itself.

**EQUIPMENT:** 1 light duty crane for baggage and stores.

**FACILITIES:** Pocket ship cruise ship facility, passenger terminal, and customs clearance centre. Facility also serves as a lightering dock for vessels at anchor.



NORTHLAND CRUISE TERMINAL

#### NORTHLAND CRUISE TERMINAL

P.O. Box 246 Prince Rupert, B.C. V8J 3P6

**OWNER/OPERATOR:** Prince Rupert Port Authority

**CONTACT:** Steve Robin, Supervisor of Marine Operations

TEL: 250-627-8899 FAX: 250-627-8980

WEBSITE: www.cruisetoprincerupert.com/northland.html

MARINE FACILITY SECURITY OFFICER: Steve Robin TEL: 250-627-2523

**BERTHS:** Length 330m, length of float 29m, water depth, 15m and maximum ship length 300m.

**FACILITY:** Facility consists of a system of 8 mooring /breasting dolphins with a floating dock mid-ship. The berth is connected to the terminal via a 45m two part passenger boarding system indexed to tide range to accommodate < 10% grade.

#### **STEWART**

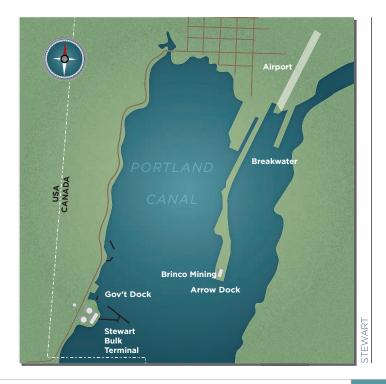
(55° 55' N, 130° 0'W)

The Port of Stewart is the most northern deep-water and ice-free port in British Columbia and is located close to the Alaska State boundary at the head of the Portland Canal. The economy of Stewart is supported by logging, mining and mining exploration and is becoming a major port for the export of ore and logs. The port is connected to major transportation routes and provides up to a full day advantage to Asian markets over southern ports. The Port of Stewart is ideal for log handling with its low salinity and deep water. Berthing and unberthing at ore dock and arrival at anchorage during daylight only. Customs service is provided by the Prince Rupert office.

**AUTHORITY: District of Stewart** 

ADDRESS: PO Box 460, 705 Brightwell Street, Stewart, BC V0T 1W0

TEL: 250-636-2251 FAX: 250-636-2417



**UN/LOCODE:** CA STW

**NAVIGATION:** The Port of Stewart is located at the head of the Portland Canada.

**COMMODITIES:** Copper concentrates, rock

**EQUIPMENT:** Fixed conveyor swing boom loader capable of a loading rate of 750 MT/ hour of concentrates and 800 MT/hour of rock. The boom is 19.1m above HW level and

21m above LW level with a reach of 15.2m from dockside.

# NORTHLAND DOCK

**OWNER:** District of Stewart

TEL: 250-636-2251 FAX: 250-636-2417

**CONTACT:** Jim Kincaid, Chief Administrative Officer

**FACILITIES:** Repairs to Northland Dock have been completed.

# STEWART BULK TERMINALS LTD.

100 - 5th, PO Box 278, Stewart, BC V0T 1W0

**OWNER AND CONTACTS:** Al Soucie and Jack Elsworth

TEL: 250-636-2215 FAX: 250-636-2348

WEBSITE: www.stewart-hyder.com/company/bulkterminals.html

MARINE FACILITY SECURITY OFFICER: Rolland Soucie or Jake Danouser

TEL: 250-636-9111

**BERTH:** Length 244m, depth alongside 12.2m. Mooring buoys are located at either end

of the wharf.

**COMMODITIES:** Copper concentrates, rock

**EQUIPMENT:** Fixed conveyor swing boom loader capable of a loading rate of 750 MT/ hour of concentrates and 800 MT/hour of rock. The boom is 19.1m above HW level and

21m above LW level with a reach of 15.2 m from dockside.





#### VANCOUVER ISLAND

# DISCOVERY LNG - CAMPBELL RIVER



Quicksilver Resources Canada Inc. (Quicksilver), an oil and gas exploration company based in Calgary, Alberta, is investigating options to build an LNG storage and on-loading facility, to be known as Discovery LNG, on the site of the former Catalyst paper mill in Campbell River, British Columbia.

**STATUS:** Quicksilver is in preparation to commence the regulatory process.

**TIMELINE**: Pending regulatory approval and permitting, construction of the first phase of the project is expected to take approximately 4 years with the facility expected to be operational by 2019.

For further detailed information please see: http://www.discoverylng.com/

# PORT ALBERNI CONTAINER TRANSHIPMENT HUB AND LNG EXPORT FACILITY

Port Alberni Port Authority is examining the feasibility of building a \$1.5-billion container trans-shipment hub that would provide short-sea shipping links to Lower Mainland distribution points. The project is considering building two large berths suitable for 22,000 TEU container ships. Joining the Port Authority on the project team



to date are representatives of the Alberni-Clayoquot Regional District, the Huu-ay-aht First Nation and the City of Port Alberni.

In addition PAPA is also considering the extension of an existing LNG pipeline to create a new facility adjacent to the proposed site for the container terminal.







#### **VANCOUVER ISLAND**

Vancouver Island is the large island on the south coast of British Columbia, with 12 natural harbours serving deep-sea vessels. Over 500 km long and 31,285 sq. km in area, it is nearly the size of Taiwan.

More than 500,000 people live on Vancouver Island, half in Victoria, the provincial capital. The Island ports have predominately focused on forestry with many large mills built at tidewater in deep sheltered bays of the island.

However with the recent declines in many cases, these large mills, some producing more than 1,000 tonnes of pulp or paper per day, built their own terminals as an integral part of the mill, virtually creating a private port dedicated to their requirements. Gold River, Port Alice and Crofton are examples.

In recent years divestiture from federal control has seen port and harbour authorities created in Nanaimo, Port Alberni and Victoria.



#### CAMPBELL RIVER

(50° 01' N , 125° 15 'W)

Campbell River is located on the east coast of Vancouver Island at the southern entrance to Discovery Passage. Campbell River encompasses a series of small harbours along the Discovery Passage route plied by ocean bulk carriers, fishing boats, pleasure craft, barge traffic and cruise ships on their Alaska run. There are two deep-sea facilities in the vicinity and a cruise terminal.

**AUTHORITY:** Middle Point Harbour Ltd., Partnership

UN/LOCODE: CA CAM

**NAVIGATION:** Located in Discovery Passage, Seymour Narrows is the narrowest point on the Inside Passage. Cruise ships, ocean cargo carriers, tugs and barges pass through the Narrows en route to Puget Sound or Southern B.C. or to the North Coast and the Alaska Panhandle. Ships transit the Narrows only near slack water as tidal streams can be as much as 16 knots. Overhead power cables with a vertical clearance of 52m cross the Narrows. Maximum tidal range is 4.8 m.

**ANCHORAGES:** Only one seasonal anchorage is available in Campbell River. During rough weather Duncan Bay provides the only safe anchorage for large vessels.

VTS: Assigned frequency is 156.575 MHz, Channel 71

**INTERMODAL:** Situated on Highway 19, the Island Highway, Campbell River is centrally located. Victoria is 266km south, Gold River 91km west and Port Hardy 236km north. Campbell River has a regional airport and ferry to Quadra Island providing daily connections to the Mainland.

**SERVICES:** Tugs and fresh water are available. Campbell River is a Customs port of entry.

# **DISCOVERY TERMINAL**

Box 8000, 2451 Spit Road Campbell River, V9W 5E2

**OPERATOR:** Westmin Resources

TEL: 250-286-1714 FAX: 250-286-0811

CONTACT: Dennis Rodbom TEL: 250-286-1714

MARINE FACILITY SECURITY OFFICER: Andy Collier and Shawn Mooney

TEL: 250-286-1714 / AOH: 250-202-1144

**COMMODITY:** Zinc, copper and gold.

BERTH: Length 122 m, depth 10.3 m, mooring dolphins connected by catwalks extend

berth length to 165 m. Mooring buoys also used for deepsea vessels.

**FACILITIES:** Fixed shiploader rated at 500 tonnes per hour with a clearance of 17 m above low water.

#### **DUNCAN BAY BARGE TERMINAL**

5951 Duncan Bay Road, Campbell River, BC V9H 1N6

The facility has two barge slips for loading and off-loading. Quinsam Coal uses the terminal for the transshipment of 500,000 tonnes of coal per year to Texada Island. Quinsam developed a third barge slip with a conveyor barge loading system in 1997 to boost throughput to one million tonnes/year.

**OPERATOR:** Transport Canada – Harbours and Ports

**CONTACT:** Eric Snagg, Wharfinger

TEL: 250-286-1222 FAX: 250-286-0218

# **WEI WAI KUM CRUISESHIP TERMINAL**

1400 Weiwaikum Road, Campbell River, BC V9W 5W8

**OWNER / OPERATOR:** Campbell River Indian Band Economic Development

TEL: 250-286-6949 FAX: 250-287-8838

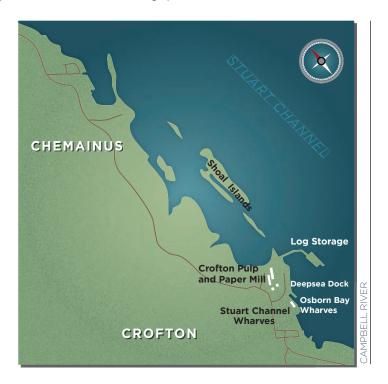
CONTACT: Robert Pollard, TEL: 250-246-4655

**COMMODITIES:** Passengers

BERTH: Maximum ship length 310 m

#### **VANCOUVER ISLAND**

The Campbell River Airport is located approximately 15km from the port. Flight service from this location is offered daily from Vancouver and daily from Seattle during the summer months. Comox Valley Airport located 45km from the port also provided daily flight services from Vancouver, Calgary and Edmonton.



#### **CHEMAINUS**

(48° 55' N, 123° 43'W)

Chemainus is located on Vancouver Island on the west side of Stuart Channel, situated just east of Highway No.1, 25 km south of Nanaimo and 90 km north of Victoria. The port area consists of one sawmill berth, barge loading facilities and a public wharf.

**AUTHORITY:** The Corporation of the District of North Cowichan

ADDRESS: Box 278, 7030 Trans Canada Hwy, Duncan, BC, V9L 3X4

**PHONE:** 250-746-3100 **FAX:** 250-746-3133

**CONTACT:** Harmen Bootsma, Harbour Manager

Box 1037, Chemainus, BC V0R 1K0 TEL: 250-246-4655 or 250-715-8186 UN/LOCODE: CA CHM

**NAVIGATION:** Approach is from the Strait of Georgia by way of Porlier Pass and Houston Passage. Maximum tidal range for Chemainus is 4.3 m.

**ANCHORAGES:** Anchorage is poor due to extensive booming grounds. Vessels often anchor at Houston Passage (see Gulf Island Anchorages).

VTS: Assigned frequency is 156.55 MHz, Channel 11.

**INTERMODAL:** Chemainus has easy access to Highway No. 1 and mainland ferry services through Victoria and Nanaimo.

**SERVICES:** Tugs, fresh water and provisions are available. Underwater inspection and minor repairs are also available.



#### CHEMAINUS SAWMILL WHARF

2860 Victoria St., Chemainus B.C. VOR 1KO

This privately-owned wharf serves the adjoining Weyerhaeuser Sawmill. Also draws lumber from Alberni Pacific Division, Somass Port Alberni, Island Phoenix Nanaimo, and Plenks Wood Centre.

**OPERATOR:** Weyerhaeuser Sawmill Unit

TEL: 250-246-3221 FAX: 250-246-5128

**CONTACT:** Gil Tatton, Shipping Superintendent

**DIRECT TEL:** 250-246-5158

**COMMODITY:** Lumber

**BERTH:** Length 154m long with a minimum water depth of 15.8 m at the northern end to 9.7 m at the south.



#### **COWICHAN BAY**

(4 8 ° 44' 50" N. 123° 36'W)

Cowichan Bay is a large accessible bay located 43 nm NNW of Victoria and includes the Thetis Island public port facility. The port exports significant quantities of lumber and forest products from its two deep-draft berths.

**AUTHORITY:** Cowichan Valley Regional District

ADDRESS: 175 Ingram Street, Duncan, B.C. V9L 1N8

TEL: 250-746-2500 FAX: 250-746-2621

UN/LOCODE: CA CCB

**NAVIGATION:** The approach from Haro Strait by way of Satellite Channel, south of Separation Point, is deep and without danger. The maximum tidal range for Cowichan Bay is 3.9 m.

**ANCHORAGES:** Eight anchorages are located in the bay and the south side of Satellite Channel. These are occasionally used as overflow anchorages for Vancouver.

VTS: Assigned frequency is 156.55 MHz, Channel 11.

**INTERMODAL:** Cowichan Bay is east of Highway No. 1 and is accessible by rail, air and ferry via Victoria and Nanaimo.

**SERVICES:** Limited and mainly supplied by or through Victoria. Port of entry is through Victoria Customs District.

#### **COWICHAN BAY DOCKS**

Box 131, 5105 Tzouhalem Road, Duncan, B.C.

**OPERATOR:** Westcan Terminals Ltd.

TEL: 250-748-5206 FAX: 250-748-2932

**CONTACT:** Robbie James

**COMMODITIES:** Lumber and other forest products

Berth No. 1 (Southern): Length 155 m, 8.8 m depth and 9.9 m depth at 3 m off dock face.

Berth No 2 (Northern): Length 198 m, 8.3 m depth and 9.7 m depth at 3 m off dock face.

Mooring dolphin 15 m off end. Log bundle fenders are available.

**FACILITIES:** 8 ha of paved area for assembly and storage of lumber.

#### **CROFTON**

(48° 52' N. 123° 38 'W)

Crofton is located on the west side of Stuart Channel on the southeast coast of Vancouver Island. The principal industry is the processing and shipping of forest products. The port has three berths for deep-sea vessels and barge loading facilities.

**AUTHORITY:** The Corporation of the District of North Cowichan

ADDRESS: Box 278, 7030 Trans Canada Hwy, Duncan, BC, V9L 3X4

**TEL:** 250-746-3100 **FAX:** 250-746-3133

**CONTACT:** Harmen Bootsma, Harbour Manager,

Box 1037, Chemainus, BC VOR 1K0

TEL: 250-246-4655 or 250-715-8186

UN/LOCODE: CA CRO

**NAVIGATION:** The approach to Crofton is made from the Strait of Georgia by way of Porlier Pass and Houston Passage. The approaches to the berth are deep and free of danger. The maximum tidal range is 4.1 m.

**ANCHORAGES:** Anchorages are available near Ladysmith or Houston Pass.

VTS: Assigned frequency is 156.55 MHz, Channel 11.

**INTERMODAL:** Cowichan Bay is east of Highway No. 1 and is accessible by rail, air and ferry via Victoria and Nanaimo.

**SERVICES:** Tugs and minor repair facilities are not available. Fuel and provisions are available in small quantities by truck.

#### CATALYST CROFTON

Box 70, 8541 Hay Road, Crofton, B.C.

**OPERATOR:** Catalyst Paper Corp.- Crofton Division

TEL: 250-246-6100 FAX: 250-246-6300

CONTACT: Kevin Carter, Manager Distribution - TEL: 250-246-6214

MARINE FACILITY SECURITY OFFICER: Jason McConnell TEL: 250-710-9253

**COMMODITIES:** Forest products - woodpulp, newsprint, lumber

Berth No. 1 North: Length 170 m, depth 12 m, 1,040 sq m of covered storage space.

Berth No. 2 Central: Length 152 m, depth 12.2 m 2,600 sq m. of covered storage space.

Berth No. 3 South: Length 138 m plus mooring dolphins, depth 12 m 843 sq m of covered storage space. Can accommodate the largest forest products carriers.

**EQUIPMENT:** Numerous forklift trucks and carriers. Ship's gear must be used at all berths.

**STORAGE:** Open storage area includes 9.2 hectares of black top adjacent to the docks with approximately 2,000 tonnes of dry storage.

#### **GOLD RIVER**

(49° 41' N, 126° 07'W)

Gold River is located near the head of Muchalat Inlet with the pulp mill and port facilities located on the west side of the entrance to Gold River. Gold River town is located 13 km north of the mill.

**AUTHORITY: Village of Gold River** 

ADDRESS: P.O. Box 610, 499 Muchalet Drive, Gold River, B.C. VOP 1GO.

TEL: 250-283-2202

UN/LOCODE: CA GOR

**NAVIGATION:** Gold River is approached by way of Nootka Inlet on the west coast of Vancouver Island. Maximum tidal range is 4.2 m.

**ANCHORAGES:** Anchorage in Nootka Sound can be obtained in the Spanish Pilot Group or Plumper Harbour.

VTS: The assigned frequency is 156.725 MHz, Channel 74.

**INTERMODAL:** Gold River can be reached from the west side of the island by the Nootka Sound Ferry that operates a freight and passenger service to Tahsis, Zeballos and other settlements in the connecting inlets in Nootka Sound or traveling Hwy 28,

southwest from Campbell River.

**SERVICES:** Tugs, fresh water and fuel are available upon request. Gold River is a Customs Clearance Station.

# **GOLD RIVER TERMINAL**

**OWNER / OPERATOR:** Green Island Energy

**EMAIL:** info@greenislandenergy.ca

**WEBSITE:** www.greenislandenergy.com/port.cfm

Berth No. 1: Length 202 m x 22 m wide, depth 11m

Berth No. 2: Length 166 m x 20 m wide, depth 11m

**FACILITIES:** The deepsea port at Gold River is a private terminal containing 2 deep sea docks with four shipping berths to accommodate loading and unloading of ocean going vessels. The port facilities in Gold River also contain 2 barge ramps (each accessible with mobile loading equipment). Year round highway access connects Gold River to the rest of Vancouver Island. The property also contains over 300,000 square feet of covered warehouse space, 40 acres of paved open storage, shipping offices, machine shop and tool rentals, carpenter shop and motor pool repair shop. The site contains tandem truck weigh scales and can be accessed year round via highway 28.

# NANAIMO

(49° 10' N, 123° 56 'W)

Nanaimo is the major commercial port on Vancouver Island located on the east coast 36 nm west of Vancouver. The Port of Nanaimo encompasses the waters of Departure Bay, False Narrows, Dodd Narrows, Northumberland Channel, the north end of Newcastle Channel, and the Nanaimo River Estuary. The port consists of four deep-sea berths, and a number of barge wharfs, facilities for large ferry vessels, and a new cruise berth. Complete facilities including warehousing space, outside storage, container handling crane and barge loading facilities are available.

**AUTHORITY: Nanaimo Port Authority** 

ADDRESS: 104 Front Street, P.O. Box 131, Nanaimo, B.C. V9R 5K4

TEL: 250-753-4146 FAX: 250-753-4899

**EMAIL:** info@npa.ca **WEBSITE:** www.npa.ca

**CONTACTS:** Bernie Dumas, Chief Executive Officer; Edward Dahlgren, Director of Marine Operations & Harbour Masters; Wayne Erickson, Manager of Terminal Facilities.



#### UN/LOCODE: CA NNO

**NAVIGATION:** The outer approach to Nanaimo from the Strait of Georgia is deep and well lit. The usual approach is through Fairway Channel. Entry into the inner portion of Nanaimo Harbour is through McKay and Meakin Channels. Nanaimo has a harbour entrance depth of 13.0m at chart datum minimum controlling depths of the inner harbour for approach. The mean range of tide is 3.2m with a maximum range of 4.9m.

**ANCHORAGES:** The Harbour Master assigns the seven anchorages east of Protection and Newcastle Islands designated B to G.

VTS: Assigned frequency is 156.55 MHz, Channel 11.

**INTERMODAL:** Nanaimo has regular ferry service to Vancouver and Gabriola Island and rail service is available to Victoria and Courtenay.

Floatplane services are available in the harbour area and the Nanaimo Airport is 9 km south of the city.

**SERVICES:** Tugs, fresh water and repair services are available and bunkering is limited to delivery by tanker truck and barge.



# (NANAIMO) ASSEMBLY WHARF

**OWNER / OPERATOR:** Nanaimo Port Authority

**CONTRACTOR FOR SERVICES:** Westcan Terminals Ltd.

MARINE FACILITY SECURITY OFFICER: Jason Michell TEL: 250-753-3425

WEBSITE: www. npa.ca

**COMMODITIES:** Forest products, general cargo

**BERTHS:** Three berths: Berth A 182.88 m long, depth 9.2 m. Arrival/departure limited to 8m; Berth B 182.88 m long, depth 12.0 m. Arrival/departure limited to 8m; Berth C 182.88 m long, depth 11.7 m. Arrival/departure limited to 9m

**EQUIPMENT:** 60-tonne capacity barge ramp and a full range of cargo handling equipment.

**STORAGE:** 15 ha paved open storage, three warehouses totalling 8,332 sq m of covered storage area.

# NANAIMO CRUISE TERMINAL

**OPERATOR:** Nanaimo Port Authority

MARINE FACILITY SECURITY OFFICER: Edward Dahlgren TEL: 250-753-4146 ext. 239

FAX: 250-754-8187

**BERTH:** Concrete pontoon measuring approximately 300 feet in length by 50 feet.

## **DUKE POINT DEEP SEA TERMINAL**

**OWNER / OPERATOR:** Nanaimo Port Authority

**CONTRACTOR FOR SERVICES:** Westcan Terminals Ltd.

CONTACT: Jason Michell, TEL: 250-753-3425 FAX: 250-754-8187

MARINE FACILITY SECURITY OFFICER: Wayne Erickson TEL: 250-753-3425

**COMMODITIES:** Forest products, general cargo, project cargo.

Berth D: Length 170 m, depth 11.5 m at chart datum.

**EQUIPMENT:** 40 tonne container handling crane and top-pick lift truck.

**STORAGE**: 6 ha of paved open storage area

**MULTI-USE AREA:** Adjacent to the Deep Sea Terminal is industrial zoned property available for lease. A 100 tonne berge ramp is available and property has access to water, hydro and natural gas.

## W.E. MILLS LANDING & MARINA

**OWNER / OPERATOR:** Nanaimo Port Authority

At the north end of Cameron Island, the facility is designed to accommodate larger cruise, charter and pleasure vessels. A full range of utility services is available.

**FLOATING PIER:** Length 180 m, width 11.6 m with a freeboard of 1.28 m from deck to water and minimum 8.5 m alongside depth. Can accommodate vessels with a displacement of 3,000 tonnes and 113 m long.

#### **PRIVATE WHARVES**

## HARMAC PULP OPERATIONS

1000 Wave Place, P.O. Box 1800, Nanaimo, B.C. V9X 1J2

**OWNER / OPERATOR:** Nanaimo Forest Products Ltd.

TEL: 250-722-3211

**CONTACT:** Craig Mickleborough, Shipping Superintendent.

WEBSITE: www.harmacpacific.com

**COMMODITIES:** Softwood pulp

BERTH: Length 122 m, width 18 m, depth 10.2 m.

## **ISLAND TERMINALS**

**OWNER / OPERATOR:** Cascadia Forest Products Ltd, Island Phoenix Division

CONTACT: Lorne Bury TEL: 250-755-3541

MARINE FACILITY SECURITY OFFICER: Lorne Bury TEL: 250-755-3541

**FACILITIES:** Open area lumber storage – one covered storage shed.

**EQUIPMENT:** 5 – 30 ton forklifts available.

**COMMODITY:** Logs

BERTH: Length 137 m, width 21 m, 9.9 m alongside depth at chart datum.

The privately-owned dock serves the adjoining Weyerhaeuser Canada Ltd. Island Phoenix Division sawmill.

#### **FERRY TERMINALS**

BC Ferries: Departure Bay (downtown Nanaimo to Horseshoe Bay, Vancouver) and Duke Point Terminal (south of downtown) for all mid-island traffic to Tsawwassen (Delta) on the Lower Mainland.

TEL: 250-753-1261

Seaspan Ferries Corporation: Nanaimo to Fraser Port, commercial vehicles only.

**TEL:** 250-754-5152 **FAX:** 250-754-5120

CP Railway Co. Ferries: Nanaimo to Fraser Port, commercial vehicles only. TEL: 250-754-5152

## **PORT ALBERNI**

(49° 14' N. 124° 50'W)

Port Alberni is located on the west coast of Vancouver Island 50 km west of Parksville and 121 km northwest of Victoria on Highway 4. The Port covers all the waters of Alberni Inlet, extending from a limit of 2.4 km up the Somass River for a distance of 38.6 km south to Congreve Island in Trevor Channel and Pill Point in Junction Passage.

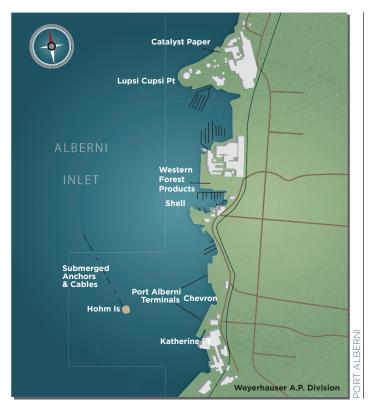
**AUTHORITY: Port Alberni Port Authority** 

ADDRESS: 2750 Harbour Road, Port Alberni, B.C. V9Y 7X2

TEL: 250-723-5312 FAX: 250-723-1114

**WEBSITE:** www.portalberniportauthority.ca

**CONTACT:** Mike Carter, Terminal Manager



#### UN/LOCODE: CA PAB

**NAVIGATION:** The harbour offers safe passage via Alberni Inlet and can accommodate vessels up to Panamax size. In the harbour are a number of installations including log boom tie-ups, log dumps and fish farms. Log booms being towed may be encountered. Numerous fishing vessels and nets may also be encountered between the months of June and September. Pilots board and disembark at the Cape Beale Pilot Station. Canadian Chart No. 3668 covers the entire harbour.

**ANCHORAGES:** The Harbour Master assigns anchorages in the charted berths offering minimum depths of 20 m.

VTS: Assigned frequency is 156.725 MHz, Channel 74.

**INTERMODAL:** Port Alberni is directly connected to the main Island Highway No. 19 by Highway No. 4. A regular ferry service provides passenger and freight service from Port Alberni to Bamfield and Ucluelet.

Floatplane services are available on a charter basis.

**SERVICES:** Tugs, water taxi, fireboat service, fresh water and minor repair facilities are available. Port Alberni is a Customs port of entry.

## PORT ALBERNI TERMINALS

**OWNER:** Port Alberni Port Authority

**CONTACT:** Steven Baxter, Harbour Master

TEL: 250-723-7922 FAX: 250-723-1629

WEBSITE: www.portalberniportauthority.ca/en/node/9

MARINE FACILITY SECURITY OFFICER: Steven Baxter TEL: 250-723-7922

**COMMODITIES:** Lumber, paper

Berths 1 and 2: Total length 323 m dock face, Berth 1 depth: 10.36m;

Berth 2 depth: 8.5m;

Berth 3: 183 m dock face, depth:12.2

**FACILITIES:** 6.88 ha paved. 4 dry storage shed and 4550 sq. m. **EQUIPMENT:** Fleet of 16 forklifts. Mobile cranes up to 125 tonnes.

STORAGE: 6.88 ha paved. There are 4 sheds at 4,550 sq m.

### PORT ALICE

(50° 22' N, 127° 28'W)

Port Alice is located on the east side of Neroutsos Inlet on the west coast of Northern Vancouver Island, 512 km northwest of Victoria.

**AUTHORITY: Village of Port Alice** 

ADDRESS: Box 130, Port Alice, BC VON 2N0

TEL: 250-284-3391 FAX: 250-284-3416

UN/LOCODE: CA PAC

**NAVIGATION:** Approach is by way of Quatsino Sound entrance to Drake Island approximately NE for 31.4 km, then SE up Neroutsos for approximately 19.3km. The maximum tidal range is 4.3 m.

**ANCHORAGES:** Anchorage can be obtained NW of Ker Point in 50 to 80 m, mud bottom.

VTS: The assigned frequency is 156.725 MHz, Channel 74.

**INTERMODAL:** The Village of Port Alice is connected to the Island Highway 19 via Highway 30.

**SERVICES:** Tugs, fresh water and minor repairs are available. Customs clearance is via Campbell River.



## PORT ALICE (Western Pulp)

**OWNER / OPERATOR:** Port Alice Specialty Cellulose Inc.

CONTACTS: Bill Mills, Marine Room and Finished Products Manager, TEL: 250-284-7724

MARINE FACILITY SECURITY OFFICER: Bill Mills

**COMMODITY:** Bleached sulphite woodpulp

BERTH: Length 172 m, depth 9.1 m, working area of 137 m.

**STORAGE:** Outside storage space of 1,393 sq m and shed space of 4,515 sq m by 7.3 m clear height.

**FACILITIES:** The dock is part of the pulpmill complex and is dedicated to handling cargo from the mill. Barge loading ramp and railcar ramp available for coastal service. Local mill labour is used for ship loading.

## PORT HARDY

(50° 46' N, 127° 29'W)

Port Hardy is located on the northeast coast of Vancouver Island on Queen Charlotte Strait. It is the most northern community on Vancouver Island and is 235 km north of Campbell River and 391 km north of Nanaimo.

**AUTHORITY:** District of Port Hardy

ADDRESS: Box 68, 7360 Columbia, Port Hardy, BC V0N 2P0

**CONTACT:** David Pratt, Harbour Manager and Head Wharfinger

TEL: 250-949-6332 FAX: 250-949-7433

UN/LOCODE: CA PHY

**NAVIGATION:** Port Hardy is located on the west side of Hardy Bay and is entered between Duval Point and Daphne Point 2 miles SE.

**ANCHORAGES:** Hardy Bay provides safe anchorage for large vessels such as log loaders or Alaska-bound cruise ships, which anchor off and use the government floats to berth tenders.

VTS: Assigned frequency is 156.575 MHz, Channel 71.

**INTERMODAL:** Port Hardy is a regional centre for BC Ferries, with the Bear Cove terminal being the starting point for the Inside Passage Run to Prince Rupert. The regional airport is located in Campbell River with daily scheduled flights to Vancouver to the south and to the Mid Coast. Port Hardy serves as the terminus for the Island Highway 19 connecting the port with southern parts of the Island. The Port Hardy Seaplane Base provides sheltered amenities for floatplanes.

## **ORCA QUARRY MARINE TERMINAL**

6505 Island Highway, Port McNeill, BC VON 2R0

**OWNER:** Orca Sand & Gravel Ltd.

**CONTACT:** Ken Palko, President & CEO

TEL: 604-915-5000 ext. 103 FAX: 604-915-5001

**COMMODITIES:** Construction aggregates **BERTH:** Total length 213 m, depth 12.5 m.

**FACILITIES:** A dedicated ship loading facility capable of loading vessels with a capacity

of up to 70,000 tonnes at 4000 tonnes/hour.

## PORT MCNEILL

50°35'25"N 127°05'5"W

**AUTHORITY: Town of Port McNeill** 

ADDRESS: Box 728, 1775 Grenville Place, Port McNeill, BC VON 2R0

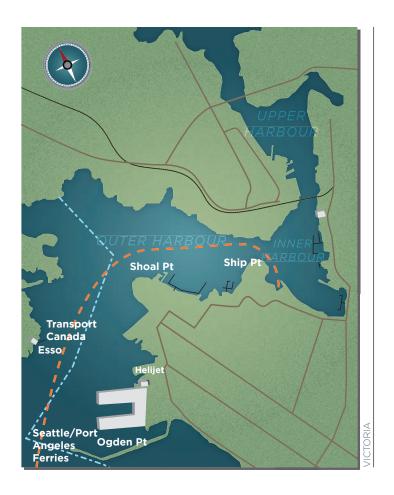
**CONTACT: Sherry Henderson, Acting Harbour Manager** 

TEL: 250-956-3881 FAX: 250-956-4300

UN/LOCODE: CA PMA

Port McNeill is located on the Northeast coast of Vancouver Island, south of Port Hardy and west of Malcolm Island.

VTS: Assigned frequency is 156.575, Channel 71



## **VICTORIA**

(48° 25' N, 124° 25 'W)

Victoria is the major commercial, tourism, and government centre located at the southern tip of Vancouver Island. Victoria harbour consists of three parts, the Outer Harbour used by deep-sea ships, the Inner Harbour, used extensively by coastal, industrial traffic, and recreational vessels, and the Upper Harbour used by coastal and industrial traffic. The Greater Victoria Harbour Authority's operates four marine facilities within the port area - Ogden Point, Fishermen's Wharf, Ship Point/Government Street and Wharf Street/Johnson Street facilities

**AUTHORITY:** Greater Victoria Harbour Authority

ADDRESS: 202 - 468 Belleville Street, Victoria, BC V8V 1W9

TEL: 250-383-8300 FAX: 250-383-8322

**WEBSITE:** www.victoriaharbour.org

**EMAIL:** gvha@victoriaharbour.org

**CONTACT:** Curtis Grad, CEO

**AUTHORITY:** Transport Canada, Operations and Technical Services

ADDRESS: 12 Erie Street, Victoria, BC V8V 1Y4

TEL: 250-383-8300 FAX: 250-383-8322

EMAIL: gvha@victoriaharbour.org

**CONTACT:** David Featherby, Transport Canada Harbour Master

TEL: 250-363-3578 UN/LOCODE: CA VIC

**NAVIGATION:** The approach to the harbour is straight ahead with Brotchie Ledge some 900m southeast of the breakwater, being the main hazard. The harbour is protected by a breakwater with a deep and wide opening, with Ogden Point docks on the east side of the harbour being the deep-sea berths. Maximum tidal range is 3.3 m.

**ANCHORAGES:** Royal Roads at the western approaches to Victoria Harbour has six assigned anchorages available. These are within the harbour limits and harbour dues are applicable.

One temporary anchorage is available in Esquimalt Harbour. Constance Bank provides temporary anchorages 8.3 miles SSE of Victoria Harbour entrance for vessels waiting to pick up a pilot or for other purposes. A maximum stay of 48 hours at one of the two approved anchorages is permitted. Constance Bank is exempted (with waiver) from pilotage. It is outside Victoria Harbour limits and exempt from harbour dues. These anchorages are monitored and controlled by Vancouver Vessel Traffic Services.

VTS: Assigned frequency is 156.55 MHz, Channel 11.

**INTERMODAL:** An excellent transportation network and numerous service providers support the greater Victoria region. The modern air, marine, rail, and road network means that passengers, automobiles, trucks, and trailers have effective travel options to Vancouver to the east, Seattle to the south and Prince Rupert and Alaska to the north. Transportation service providers include helicopter and seaplane services, buses, ferries, road freight carriers, and passenger train services. Victoria

International Airport is located 30 km north of Victoria's downtown area,

**SERVICES:** A full range of services including Customs, Immigration, Port Warden, agriculture, stevedores, tugs and ship repairs are available. Victoria is a port of entry.



OGDEN POINT DOCKS

## **OGDEN POINT TERMINAL**

189 Dallas Road, Victoria, B.C. V8V 1A1

**OWNER:** Greater Victoria Harbour Authority

**OPERATOR:** Westcan Terminals Ltd.

**CONTACT:** John Briant

TEL: 250-386-1321 FAX: 250-386-2734

WEBSITE: www.victoriaharbour.org

MARINE FACILITY SECURITY OFFICER: Brenda Birtig TEL: 778-678-0964

**SERVICES:** The 34.6 ha site services cruise ships, cable ships, navy vessels, offshore-supply vessels, tugs, break-bulk-cargo (including yacht transport). Stevedoring services include bonded warehousing and ship provisioning, fresh water, and waste disposal. For cruise customers there is a customs control and inspection facility, gift shop, currency exchange, crew lounge, pay telephones and internet. Pacific Pilotage Authority and scheduled helicopter service available on site.

**FACILITIES:** Shore access to the berthing areas restricted by security fencing.

**PIER A:** Contains two berths with a modern 9290 m<sup>2</sup> warehouse, fibre optic cable depot, customs control and inspection area, gift shop, currency exchange, crew lounge, pay telephone and internet.

Berth Pier A South: 298 m in length, 12.2 m apron and 10.1 m depth

Berth Pier A North: 239 m in length, 18.3 m apron and 9.7 m depth. Beware of shoaling near bulkhead.

Pier B: Contains two berths with a staging area 76.2 m in width for the total length of the pier.

Berth Pier B South: 239 m in length, will 9.7 m depth.

Berth Pier B North: 240 m in length, with 10.0 m depth.

## SHIP POINT - Pocket Cruise Ships & Visiting Vessels

700 Government Street, Victoria, B.C.

**OWNER/OPERATOR:** Greater Victoria Harbour Authority

**CONTACT:** Ian Croker, Inner Harbour Operations Manager

TEL: 250-383-8326 FAX: 250-383-8306

MARINE FACILITY SECURITY OFFICER: Mike Graham TEL: 250-383-8300 ext 23

**SERVICES:** Pocket cruise ships, large yacht, tall ships, and fish boats. Some utilities

available. Customs facilities nearby.

**FACILITIES:** Wharf is 12 meters in width with vehicle load limit of 10,200 kg GVW 2 axel semi-trailer

**MOORAGES FACILITIES:** Southwest berth 91 m length and 6m draft for vessels. Northwest berth 67 m in length with 5 m draft for vessels. Four large yacht slips for vessels 35 to 44 meters in length.

## **ESQUIMALT**

(48° 26' N, 123° 26'W)

Esquimalt Harbour lies just west of Victoria Harbour on the SE end of Vancouver Island. Harbour limits include all the navigable waters, including any foreshore, northward from a line running from the southern extremity of Albert Head towards the southern extremity of Trail Islands until it intersects with a perpendicular line running from Saxe Point.

Esquimalt Harbour features a large graving dock and private shipbuilding and repair facilities. The harbour is also home to Canada's major Pacific naval base.

**AUTHORITY:** Department of National Defence, CFB Esquimalt

ADDRESS: PO Box 17000 Stn Forces, Victoria, BC V9A 7N2

TEL: 250-363-4006 FAX: 250-363-5527

**EMAIL:** cfbesquimalt@shaw.ca

**CONTACT:** Oueen's Harbour Master



**TEL:** 250-363-2165

UN/LOCODE: CA ESQ

**NAVIGATION:** Esquimalt is well protected with a deepwater entrance from the open waters of Royal Roads anchorages. Three conspicuous tower cranes are visible from the approach to Esquimalt Harbour; two are on the south side of Constance Cove, at the Naval Dockyard and one is on the north side of Constance Cove, at the Esquimalt Graving Dock. Maximum tidal range for Esquimalt is 3.3 m.

**ANCHORAGES:** Victoria anchorages are often used in addition to the one temporary anchorage available at Esquimalt.

VTS: Assigned frequency is 156.55 MHz, Channel 11.

**INTERMODAL:** Esquimalt has access to the same intermodal connections as Victoria.

**SERVICES:** Tugs, fresh water, repair facilities and provisions of all kinds are available.

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#### TIDAL TRANSPORT HEAD OFFICE

2717 MURRAY STREET PORT MOODY, BC V3X 1X1 PH: 604-939-3363

#### **TIDAL COAST TERMINALS**

130 MISH-AW ROAD, P.O BOX 61 PRINCE RUPERT, BC V8J 3P2 PH: 250-591-2633

#### **TYMAC LAUNCH**

NORTH FOOT OF MAIN STREET, VANCOUVER, BC V6A 3Y5 PH: 604-681-8628

#### NANAIMO OFFICE

40 ESPLANADE STREET NANAIMO, BC V9R 4Y7 PH: 250-591-2633

#### STEWART

419 - 5th AVENUE STEWART, BC VOT 1WO PH: 604-681-8628

#### **HUNTINGTON BEACH OFFICE**

UNIT A, 18411 GOTHARD STREET HUNTINGTON BEACH, CA 92648 PH: 714-843-5100

#### **PORTLAND OFFICE**

2519 ARGYLE STREET PORTLAND, OR 97211 PH: 503-222-6201



# ADDING VALUE THROUGH KNOWLEDGE AND EFFICIENCY

**Empire Shipping Agency** is an established and respected ship agency with over 90 years of experience in servicing vessels and shippers operating through Western Canadian ports and terminals. While specializing in tramp agency, bulk, break bulk, and liquid cargoes we also offer freight forwarding services to provide clients with total logistics solutions.





#307 - 611 ALEXANDER STREET, VANCOUVER, BC V6A 1E1

WWW.EMPIRESHIP.COM

## ANCHORAGE GUIDLINES

Masters and Agents of ships intending to use British Columbia's Coastal Anchorages are cautioned that the weather can deteriorate very quickly on the passage of a frontal system. The Master or person-in-charge of a vessel at anchor shall maintain a continuous navigational watch and comply with the Seafarers' Training, Certification and Watch Keeping (STCW) Code Chapter VIII Section A-VIII/2 Part 3 S/No. 51 (Appendix 1) and other applicable regulations.

In addition, the following guidelines should also be observed:

- 1. A continuous anchor watch and look out must be maintained at all times.
- 2. The ship's position must be frequently checked using all means available and marked on the chart in use. The largest scale chart of the area must be available for use.
- 3. Display appropriate day & night anchor signals and ensure the vessel is well lit during darkness. Make use of sound signals during severely restricted visibility.
- 4. Ensure safety and security inspection rounds are made hourly.
- 5. Maintain ship's main engines on maximum 1 hour notice for use.
- 6. Record prevailing weather conditions in the vessel's deck log book hourly.
- Maintain close attention to Marine VHF channels 12 and 16 (or otherwise as directed) and advise the ship's master immediately should a warning be received of deteriorating weather conditions.
- 8. Should winds freshen above 16 knots bring main engines to 15 minutes notice for use.
- 9. In the event of sustained winds of 25 knots and above, the vessel's main engines



SHIPS AT ANCHOR IN ENGLISH BAY

- should be brought to immediate notice and if necessary used to relieve weight on the anchor chain. A second anchor should also be readied for use. Notice should be given to Marine Communications & Traffic Services (MCTS) that a pilot may be required.
- 10. Adequate ballast should be retained to minimize windage and optimize propeller immersion and rudder effect.
- 11. Nothing in these guidelines shall supersede the requirements of Transport Canada, the Canadian Coast Guard or an individual port authority.

Please also see the following Appendices 1, 2 & 3

## APPENDIX 1 - EXTRACT FROM THE SEAFARERS' TRAINING, CERTIFICATION AND WATCH KEEPING (STCW) CODE,

## CHAPTER VIII SECTION A -VIII/2 PART 3 S/NO.51

While at anchor, the officer in charge of the navigational watch shall

- a. Maintain AIS in transmission mode;
- b. Determine and plot the ship's position on the appropriate chart as soon as practicable;
- When circumstances permit, check at sufficiently frequent intervals whether the ship is remaining securely at anchor by taking bearings of fixed navigation marks or readily identifiable shore objects and maintain AIS in transmission mode;
- d. Ensure that proper look-out is maintained;
- e. Ensure that inspection rounds of the ship are made periodically;
- f. Observe meteorological and tidal conditions and the state of the sea;
- g. Notify the Master and undertake all necessary measures if the ship drags anchor;
- h. Ensure that the state of readiness of the main engines and other machinery is in accordance with the Master's instructions;
- i. If visibility deteriorates, notify the Master;
- Ensure that the ship exhibits the appropriate lights and shapes and that appropriate sound signals are made in accordance with all applicable regulations; and
- k. Take measures to protect the environment from pollution by the ship and comply with applicable pollution regulations.

## APPENDIX 2 - WAIVER OF COMPULSORY PILOTAGE

Note the following extract from the Pacific Pilotage Regulations which allows the master of a vessel the ability to take the action required to remove his vessel from danger: The Authority may waive compulsory pilotage in respect of a ship if

- a. the ship is in distress;
- b. a person on board the ship requires medical evacuation;
- c. the ship is engaged in rescue or salvage operations;
- d. the ship is seeking refuge;
- e. a licensed pilot is not available to perform the functions of a pilot and the following conditions have been met:
  - i. the owner, master or agent of the ship has complied with sections 12 and 13, and
  - all persons in charge of the deck watch are familiar with the route and the marine traffic control system in the compulsory pilotage area that the ship is entering; or
- f. the ship is warping and is not utilizing its engines or a tug except as a line boat for the handling of the ship's lines.

## APPENDIX 3 - NOISE AND LIGHT GUIDELINES

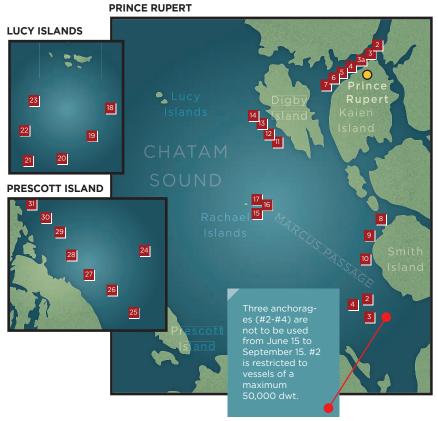
#### NOISE: MINIMIZE ALL FORMS OF NOISE BY:

- Limiting the use of the ships whistle, except as required under the Collision Regulations.
- · Limiting the use of deck side loud hailers.
- Keeping the use of power tools and chipping hammers to a minimum and never during the hours of darkness.
- Keeping the number of generators running to a necessary minimum.

#### LIGHT POLLUTION

- Ensure the deck-lights be kept at a minimum consistent with the safety and security of your vessel.
- Ensure that the deck lights are projected down onto the deck and not at the surrounding area and into the residents' homes.

## **ANCHORAGES**



PRINCE RUP	ERT			
Anchorage	Latitude	Longitude	Max LOA	Depth
2	54 21.11 N	130 16.54 W	225	274
3	54 20.43 N	130 17.28 W	225	274
3a	54 19.95 N	130 18.09 W	105	220
4	54 19.72 N	130 18.88 W	225	274
5	54 19.39 N	130 19.73 W	225	274
6	54 19.04 N	130 20.55 W	250	274
7	54 18.80 N	130 21.49 W	250	274

RIDLEY ISLA	ND			
Anchorage	Latitude	Longitude	Max LOA	Depth
8	54 11.83 N	130 22.1 W	270	274
9	54 9.22 N	130 22.37 W	350	274
10	54 7.87 N	130 21.15 W	350	274

DIGBY ISLAN	ID			
Anchorage	Latitude	Longitude	Max LOA	Depth
11	54 14.70 N	130 26.70W	270	274
12	54 15.12 N	130 27.77 W	270	274
13	54 15.68 N	130 28.77 W	270	274
14	54 16.40 N	130 29.77 W	270	274



RACHAEL ISI	LAND			
Anchorage	Latitude	Longitude	Max LOA	Depth
15	54 11.75 N	130 31.00 W	270	274
16	54 12.42 N	130 31.25 W	270	274
17	54 12.68 N	130 32.38 W	270	274

LUCY ISLANI	D			
Anchorage	Latitude	Longitude	Max LOA	Depth
18	54 16.60 N	130 35.72 W	270	274
19	54 15.98 N	130 36.52 W	270	274
20	54 15.43 N	130 37.60 W	270	274
21	54 15.39 N	130 38.95 W	270	274
22	54 16.11 N	130 39.10 W	270	274
23	54 16.80 N	130 38.72 W	270	274
24	54 7.35 N	130 33.15 W	350	274

STEPHENS				
Anchorage	Latitude	Longitude	Max LOA	Depth
25	54 5.76 N	130 33.92 W	270	274
26	54 6.36 N	130 34.58 W	270	274
27	54 6.76 N	130 35.53 W	270	274
28	54 7.25 N	130 36.30 W	270	274
29	54 7.90 N	130 36.73 W	350	274
30	54 8.80 N	130 37.50 W	350	274
31	54 9.60 N	130 38.40 W	350	274

There are a number of anchorages available in various channels of the Gulf Islands, which are principally used by large vessels waiting for berth. The anchorages are well sheltered and most are suitable for ships of all sizes including cape-size bulk carriers. These are generally assigned by Vancouver MCTS and the individual pilots as necessary. Harbour dues are not applicable. Launch and agency services are provided from Victoria, Nanaimo and Vancouver.

#### **CONSTANCE BANK**



#### ROYAL ROAD



#### **CAPTAINS PASS**



One holding anchorage in Brentwood Bay. Well sheltered and close to shore. Customs clearance through Victoria.

#### **COWICHAN BAY**



COWICHAN	BAY		
Anchorage	Latitude	Longitude	Depth
CA1	48°45.08'N	123°36.84′W	49.0
CA2	48°44.98′N	123°35.92′W	55.0
CA3	48°44.81′N	123°35.10′W	55.0
CA4	48°43.98′N	123°34.17′W	51.0
CA5	48°43.62′N	123°33.46′W	51.0
CA6	48°43.17′N	123°32.70′W	55.0
CA7	48°43.17′N	123°32.70′W	73.0
CA8	48°42.12′N	123°31.94′W	55.0

CAPTAINS PA	ASS			
Anchorage	Latitude	Longitude	Depth	
CPA	48°49.62′N	123°26.12′W	18.0	
CPB	48°48.52′N	123°34.17′W	38.0	

ROYAL ROAD	)S		
Anchorage	Latitude	Longitude	Depth
RRA	48°23.76′N	123°27.10′W	29.0
RRB	48°24.12′N	123°27.69′W	39.0
RRC	48°24.21′N	123°26.76'W	32.0

#### **PYLADES CHANNEL**

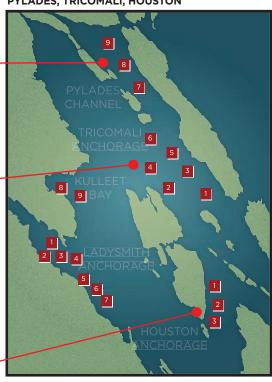
#### **TRICOMALI**

Channel north of Thetis

#### **HOUSTON**

Saltspring Island. Former longer due to the

#### **PYLADES, TRICOMALI, HOUSTON**



#### PLUMPER SOUND



#### **PLUMPER SOUND**

Five anchorages (#1 through 5) in Plumper Sound between Saturna Island and North and South Pender Islands. Customs clearance through Victoria.

#### **VANCOUVER**



SOUTH ENG	LISH BAY			
Anchorage	Latitude	Longitude	Max LOA	Depth
1	49 17 57 N	123 14 19 W	400	60
2	49 17 33 N	123 13 53 W	260	37
3	49 18 04 N	123 13 33 W	400	45
4	49 17 39 N	123 13 11 W	260	37
5	49 17 15 N	123 12 42 W	230	21
6	49 18 12 N	123 12 48 W	400	40
7	49 17 47 N	123 12 25 W	260	27
8	49 17 22 N	123 11 59 W	230	19
9	49 16 56 N	123 11 33 W	190	12.3
10	49 18 19 N	123 12 03 W	400	30
11	49 17 54 N	123 11 38 W	260	25
12	49 17 29 N	123 11 14 W	230	18
13	49 17 05 N	123 10 49 W	190	11.8
14	49 18 25 N	123 11 19 W	400	24
15	49 18 01 N	123 10 53 W	260	19
U	49 17 45 N	123 15 13 W	400	47
Z	49 17 09 N	123 10 00 W	100	10.3

SOUTH ENG	LISH BAY			
Anchorage	Latitude	Longitude	Max LOA	Depth
16	49 19 57 N	123 13 08 W	260	40
17	49 19 56 N	123 13 54 W	260	52
18	49 19 55 N	123 14 39 W	260	55



SOUTH ENG	LISH BAY			
Anchorage	Latitude	Longitude	Max LOA	Depth
А	49 18 11 N	123 05 26 W	300	35
В	49 18 06 N	123 04 46 W	260	23
C	49 18 01 N	123 04 11 W	260	21
D	49 17 39 N	123 05 03 W	300	35
E	49 17 44 N	123 03 55 W	230	16
Χ	49 18 17 N	123 06 05 W	185	20
Υ	49 18 01 N	123 03 35 W	260	16
W	49 17 43 N	123 05 54 W	300	55
INDIAN ARM	1			
Anchorage	Latitude	Longitude	Max LOA	Depth
K Anchorage	Latitude 49 17 51 N	Longitude 122 56 52 W	Max LOA 260	Depth 30
K				•
K	49 17 51 N	122 56 52 W	260	30
K L	49 17 51 N 49 17 55 N	122 56 52 W 122 56 07 W	260 260	30 18
K L M	49 17 51 N 49 17 55 N 49 18 23N 49 17 39 N	122 56 52 W 122 56 07 W 122 56 17W	260 260 260	30 18 26
K L M N	49 17 51 N 49 17 55 N 49 18 23N 49 17 39 N	122 56 52 W 122 56 07 W 122 56 17W	260 260 260	30 18 26
K L M N ROBERTS BA	49 17 51 N 49 17 55 N 49 18 23N 49 17 39 N	122 56 52 W 122 56 07 W 122 56 17W 122 58 04 W	260 260 260 260	30 18 26 15.6
K L M N ROBERTS BA Anchorage	49 17 51 N 49 17 55 N 49 18 23N 49 17 39 N NK Latitude 49 00 46 N	122 56 52 W 122 56 07 W 122 56 17W 122 58 04 W	260 260 260 260 Max LOA	30 18 26 15.6
K L M N ROBERTS BA Anchorage R	49 17 51 N 49 17 55 N 49 18 23N 49 17 39 N NK Latitude 49 00 46 N	122 56 52 W 122 56 07 W 122 56 17W 122 58 04 W	260 260 260 260 Max LOA	30 18 26 15.6

## TRANSLOADING FACILITIES

### NORTH COAST & INTERIOR

## **Ashcroft Terminals**

1000 Evans Road - PO Box 820, Ashcroft, BC VOK 1A0

TEL: 250-453-2469 or 604-563-5595

**EMAIL:** info@ashcroftterminal.com

WEB: www.ashcroftterminal.com

STORAGE: 320 acre site for indoor and outdoor railcar storage

**SERVICES:** Transloading services for industrial materials, agricultural products and

finished goods.

**NOTES:** The terminal is located at the intersection of several major transportation networks included CP and CN Rail. Future developments will include bulk products to be loaded/unloaded between truck and railcar transportation, customized loading, unloading storage and material handling facilities.

## **CN Prince Rupert**

3100 Scott Road, Prince Rupert, BC V8J 3P4

TEL: 250-624-2124 FAX: 250-624-2323

HOURS OF OPERATION: Monday – Sunday 24 hours daily

## CN Intermodal and Distribution Centre (Prince George)

855 River Road, Prince George, BC V2L 5M5

TEL: 1-877-865-0363

STORAGE CAPACITY: 10-acre intermodal yard with an 8,000 sq. m. warehouse

**SERVICES:** Provides lumber, panel, wood pulp, paper, metal concentrate, and chemical backhaul container traffic to Asian markets via the new container terminal in Prince Rupert. CN will provide various freight forwarding services, including product transfer, inspection, consolidation, inventory control and transportation

**NOTES:** With two 730 m. tracks, CN provides direct, daily rail service from the Prince George facility to the Port of Prince Rupert

**HOURS OF OPERATION:** Mon – Fri 06:30 – 18:30, Sat – Sun 06:30 – 13:30 (Crane service hours daily 07:00 – 17:00)



TIDAL COAST TERMINALS

## Tidal Coast Terminals Ltd.

130 Mish-Aw Rd, Prince Rupert, BC V8J 3P2

TEL: 250-622-2483 FAX: 250-622-2493

**CONTACT:** Ron Brinkhurst

**WEB:** www.tidaltransport.com

Located within Prince Rupert's protected harbour, the 54 acre secure site with 3000 linear feet of direct water access provides convenient road proximity to the Fairview Container Terminal, local project sites and beyond to all points east.

**SERVICES:** Full service log sort, container handling, forest product reload, bagged cargo reload, full service break bulk cargo stevedoring to and from deep-sea vessel holds via barge, and terminal handling for forest products, steel cargoes including pipe, modules, project cargoes etc.

## **Quickload Logistics**

1220 Ridley Island, PO Box 22021, Prince Rupert, B.C. V8J 4P8

TEL: 250-627-5623 FAX: 250-624-5249

**CONTACT:** Kristina De Araujo, Business Development

WEB: www.quickloadlogistics.com

**STORAGE:** 10-acre site with covered and uncovered storage

**SERVICES:** Container stuffing, value added warehousing and secure storage for large scale projects, transloading, blocking and bracing, project cargo handling capabilities, sufferance warehousing, cross-docking, retail repackaging and competitive drayage.

#### SOUTH COAST

## Canaan Transport Group Inc.

11371 Twigg Place, Richmond BC V6V 3C9

TEL: 604-873-1666 FAX: 604-295-3200

WEB: www.canaantransport.com

**CAPACITY:** Total of 8 acres with 50,000 square feet bonded warehouse and 30 container and trailer loading bays. Equipment includes 28,000 lb forklifts and computerized inventory system.

**SERVICES:** FCL, LCL, RO/RO, dangerous goods, refrigerated cargo in containers, project and other bulk cargo.

## **CN Intermodal and Distribution Centre**

17569 – 104th Avenue, Surrey, BC V4N 3M4

TEL: 604-582-4111 FAX: 604-582-4419

HOURS OF OPERATION: Mon – Fri 06:00 – 23:38, Sat – Sun, 06:00 – 23:50

## **Coast 2000 Terminals**

16080 Portside Road, Richmond, BC, V6W 1M1

TEL: 604-270-3625 FAX: 604-270-6302

WFB: www.coast2000.com

**CAPACITY:** 30 acre paved container yard for loaded and empty container storage capacity of 20,000 TEUs with integrated road, rail and water access on the Fraser River. On site is a 42,000 sq. m. (260,000 sq.ft.) warehouse with 3 acres designated for lumber storage and container stuffing. 36 wash bays and up to 100 reefer points.



CONTAINER STUFFING AT COAST 2000 TERMINALS - PHOTO BY COAST 2000 TERMINALS

**SERVICES:** FCL, LCL, dry and refrigerated cargo storage, empty container storage, transloading, inspection and repairs.

**HOURS OF OPERATION:** Monday – Friday 07:00 – 16:00 (warehouse) and 06:00 – 17:00 (container yard)

## Columbia Containers Ltd.

2775 Commissioner Street, Vancouver, BC V5K 1A1

TEL: 604-254-9461 FAX: 604-254-4482
WFB: www.columbia.containers.com

CAPACITY: 13 acre site that can store up to 60 loaded railcars on site

**SERVICES:** Two separate loading systems supported by five handling machines for

grain unloading and loading, container liner bag sales and installation.

HOURS OF OPERATION: Mon - Fri 06:30 - 16:30

## Consolidated Fastfrate Inc.

1375 Kingsway Avenue, Port Coquitlam, BC V3C 4W1

TEL: 604-941-0691 FAX: 604-941-4254

WEB: www.fastfrate.com

CAPACITY: 20 acre site with 15,790 sq.m. transload facility with 144 bays

SERVICES: LTL freight, intermodal transport, third party logistics, warehousing and

distribution.

## **CP Vancouver Intermodal Terminal**

17900 Kennedy Road, Pitt Meadows, BC V3Y 1Z1

TEL: 888-333-8111 FAX: 604-460-1313

HOURS OF OPERATION: Mon - Fri 24 hours, Sat 00:01 - 22:00, Sun 06:00 - 23:59

## **Euro Asia Transloading Inc. (Annacis Island)**

WEB: www.euroasiainc.com

RICHMOND BUILDING #1&2

16160 Blundell Rd, Richmond, BC V6W 0A2

TEL: 604-278-3854

STORAGE CAPACITY: 230,000 square feet

**SERVICES:** Serviced by CN Rail – 28 railcars per switch

HOURS OF OPERATION: 06:30 to 15:00 hrs

#### **RICHMOND BUILDING #3**

16108 Blundell Rd, Richmond, BC V6W 0A2

TEL: 604-515-4688

STORAGE CAPACITY: 235,250 square feet

**SERVICES:** Serviced by CN Rail – 25 railcars per switch (two switches)

HOURS OF OPERATION: 06:30 to 15:00 hrs

#### **RICHMOND BUILDING # 4**

16100 Blundell Rd, Richmond, BC V6W 0A2

TEL: 604-515-4688

STORAGE CAPACITY: 100,800 square feet HOURS OF OPERATION: 06:30 to 15:00 hrs

#### **BLUNDELL CONTAINER YARD**

16108 Blundell Rd, Richmond BC V6W0A2

TEL: 604-834-5638

HOURS OF OPERATION: 06:30 to 16:45 hrs

#### BOYD CONTAINER YARD

740 Boyd St, New Westminster, BC V3M 5X2

TEL: 778-926-3337

HOURS OF OPERATION: 06:15 to 16:45 hrs

#### **EWEN AVE CONTAINER YARD**

320 Ewen Ave, New Westminster BC V3M 5B1

TEL: 778-552-2661

HOURS OF OPERATION: 06:15 to 16:45 hrs

## **Global Agriculture Trans-loading Inc.**

11678 - 130th Street, Surrey, BC V3R 2Y3

TEL: 604-580-1786 FAX: 604-580-2786

WEB: www.gatloading.com

**SERVICES:** grain trans-loading

**NOTES:** 5 acre site located near CN Railway – Thorton Yard. 3 rail tracks with max.

capacity of 22 railcars per day.

## Parrish & Heimbecker, Ltd. (Abbotsford Inland Terminal)

33835 George Ferguson Way, Abbotsford, BC V2T 6Z7

TEL: 604-859-5924 FAX: 604-859-5972

WEB: www.parrishandheimbecker.com

SERVICES: 3 car unload with additional storage

HOURS OF OPERATION: Mon - Fri 07:00 - 17:00

## Parrish & Heimbecker, Ltd. (Cloverdale Terminal)

5330 - 180th Street, Surrey, BC V3S 4K5

TEL: 604-576-6251 FAX: 604-576-6863

WEB: www.parrishandheimbecker.com

**SERVICES:** 12 car spot

## **Ray-Mont Logistics**

15900 River Road, Richmond, BC V6V 1L5

TEL: 604-244-0200

WEB: www.ray-mont.com

STORAGE CAPACITY: 450,000 square feet yard with siding for 40 railcars

**SERVICES:** high capacity grain bagging equipment with container scale on-site for weight validation.

## Reagle Terminals Inc.

13911 Garden City Way, Richmond, BC V7A 2S5

TEL: 604-241-2299 FAX: 604-241-2276

WEB: www.reagleti.ca

**STORAGE CAPACITY:** 12,800 sq. m. of warehouse space available on 3 acres.

**SERVICES:** Blocking & bracing, barge ramp, cross docking facilities – with 7 covered truck ramps for off loading, on loading, and cross docking. Rail ramp available, CN Rail on site, up to 10 box cars. Crane service, with in house cranes with 200 ton lifting capacity. Truck service, with 20 trucks, 40 chassis licensed to go to all ports. Loads can be removed off dock and stored, and delivered when necessary or crossdock freight to other forms of transportation such as dry vans or fl at decks etc.

**NOTES:** 8000 lb. Forklifts with accessories such as pulp clamps, surf boards and forks. Also have machinery for lifting on & off empty container.

## **Ryder Container Terminal**

1275 Kingsway Avenue, Port Coquitlam, BC V3C 1S2

TEL: 604-941-0266 FAX: 604-941-0717

WEB: www.tctl.com

**STORAGE CAPACITY:** 10 acre container yard and 15,000 sq. m. Container Freight Station (CFS) with 109 truck/container doors.

**SERVICES:** Central access to Port of Vancouver, Fraser Port, Deltaport, and major ports of

**NOTES:** On line tracking system and 60,000 lbs lift capacity

## South Fraser Container Services (2005) Ltd - Hopcott Yard

7700 Hopcott Road, Delta, BC

TEL: 604-940-6938 FAX: 604-940-4926

WEB: www.southfraser.ca

**STORAGE CAPACITY: 12 acres** 

**SERVICES:** Container reload facility, truck (no appointments required), rail and barge receiving. Vancouver Island barge service between Tilbury Island and Nanaimo for containers, vans, Super B's, and flatdecks. SCIC rubber tire service. Container drayage and tractor service.

**NOTES:** Located behind the Seaspan Coastal Intermodal Terminal with on-site barge berth for receiving bulk and breakbulk.

YARD HOURS OF OPERATION: Monday – Friday 07:30 – 22:00

## South Fraser Container Services (2005) Ltd - Wilson Yard

Unit B, 7480 Wilson Avenue, Delta, BC V4G 1H3

TEL: 604-248-4731 ext. 503 FAX: 604-946-3630

WEB: www.southfraser.ca

**STORAGE CAPACITY: 3.75 acres** 

**SERVICES:** Container reload facility with access to barge service to and from Vancouver Island. Truck receiving only, appointments required for inbound trucks. Container drayage and tractor service.

NOTES: Fully fenced and gated yard.

**HOURS OF OPERATION:** Monday-Friday 07:00 – 16:00

## Westnay Container Services Ltd.

2 - 10619 Timberland Road, Surrey, BC V3V 3T3

TEL: 604-580-1013 FAX: 604-580-1038

**EMAIL:** info@westnav.ca **WEB:** www.westnav.ca

STORAGE CAPACITY: Full handling and storage with a warehouse of 8,500 sq m and

yard capacity for 1,500 TEU's on 3.8 hectares

**SERVICES:** Grain and other agriculture products handling bulk to container

**NOTES:** Side Picks, Top Lifts, Reach Stacker, various forklifts and custom made grain handling equipment available. Fully computerized inventory system with up to the minute live online reporting capabilities

## Westran Services Ltd.

76 Braid Street, New Westminster, BC V3L 3P3

TEL: 604-520-6366 FAX: 604-520-1024

WEB: www. westran.com

**STORAGE CAPACITY:** Six-acre fully paved facility with two spurs providing a capacity of up to twelve 73 ft center-beam railcars.

**SERVICES:** Integrated transportation services for forest products from mill to final destination. 225 railcars of varying capacities and types available facilitate rapid transload from truck to rail. Located adjacent to BNSF's yard allow for up to two switches per day.

**HOURS OF OPERATION:** Monday to Friday 07:00 to 24:00

## CONTAINER STORAGE AND MAINTENANCE FACILITIES

## **Delta Container Limited Partnership (Delco)**

7664 - 80th Street, Delta, BC V4G 1C1

TEL: 604-940-7725 FAX: 604-940-7760

WEB: www.delcocontainer.com

STORAGE CAPACITY: 20 acre site for up to 11,000 TEUs and 1,675 sq. m. of covered

space

**SERVICES:** Container storage, reefer pre-tripping, liner installation, IICL inspectors on site, ABS certified mechanics for repairs, cleaning and container loading and unloading.

**NOTES:** Two fully covered shops with 14 separate work bays for container repairs and 60 protected reefer plugs for pre-tripping. 260 different storage blocks are available for efficient sorting and staging. Delco is located near Deltaport, Fraser Surrey Docks and the Canada/US border.

**HOURS OF OPERATION:** Monday to Thursday 0600 – 08:45 and Friday 06:00 – 17:15



HARBOUR LINK CONTAINER SERVICES

## Harbour Link Container Services Inc.

7420 Hopcott Road, Delta, BC V4G 1B6

TEL: 604-940-5522 or 1-800-663-8934 FAX: 604-940-5511

**EMAIL:** contact@hlcsi.com

WEB: www.Harbour-link.com

STORAGE CAPACITY: Up to 4,000 TEUs on 11 acres.

**SERVICES:** Loaded and empty container storage & handling, 24/7 reefer pre-trip and protection services, steam cleaning, staging of import / export containers for relay delivery to port/customer, web-based container control system with EDI communication, onsite container repair services. Local and long haul container drayage services to all points in Western Canada and US, Canada and US Customs bonded, standard and specialized container chassis fleet.

**NOTES:** Canada Customs Sufferance terminal with 24/7 security including digital CCTV security camera system. Located near Deltaport, Fraser Surrey Dock, with good connections to inner harbour terminals, Seaspan Intermodal and the Canada / USA border.

**HOURS OF OPERATION:** Monday to Friday 07:00 – 19:00

## **TDK Metro Terminals (Annacis Island)**

#10-480 Audley Boulevard, Annacis Island, Delta, BC V3M 5S4

TEL: 604-515-4806 or toll free 1-866-515-4806 FAX: 604-515-4807

WEB: www.tdklogisitics.com

**STORAGE CAPACITY:** 7.5 acre container yard & 2,800 sq. m. customs bonded sufferance warehouse.

**SERVICES:** Deconsolidation and consolidation of FAK. Empty & loaded container capacity, reefer plug-ins, container repair and sales, dray services, bulk commodity destuff and loading.

**NOTES:** Forklifts up to 25,000 lbs capacity available. FREIGHT TRAK for both CFS & CY. Depot System. Web based customer accessible system. 24/7 security monitoring and mobile security.

**HOURS OF OPERATION:** Monday – Friday 06:00 – 16:30 (container yard) and Monday – Friday 07:30 – 15:30 (warehouse)

## **TDK Metro Terminals (Fraser)**

10387 Nordel Court, Delta, BC V4G 1J9

TEL: 604-581-0104 FAX: 604-581-4920

WEB: www.tdklogisitics.com

**STORAGE CAPACITY:** 5.75 acres container yard

**SERVICES:** Reefer pre-trip servicing, and container repair and sales.

NOTES: Full web-based on-line logistics system. Depot system with EDI services and

Release Notification System. Site has 24 hour security and video surveillance.

**HOURS OF OPERATION:** Monday – Friday 06:00 – 16:30



Marine Engines & Systems Power Plants Turbomachinery After Sales

With more than 150 PrimeServ service stations and service partners worldwide, plus a growing network of PrimeServ Academies, the MAN Diesel & Turbo organisation is highly committed to expanding and developing the most efficient and accessible after-sales organisation in the business.

Find out more at www.mandieselturbo.ca



## CONTAINER SERVICES BERTH WINDOW SCHEDULE

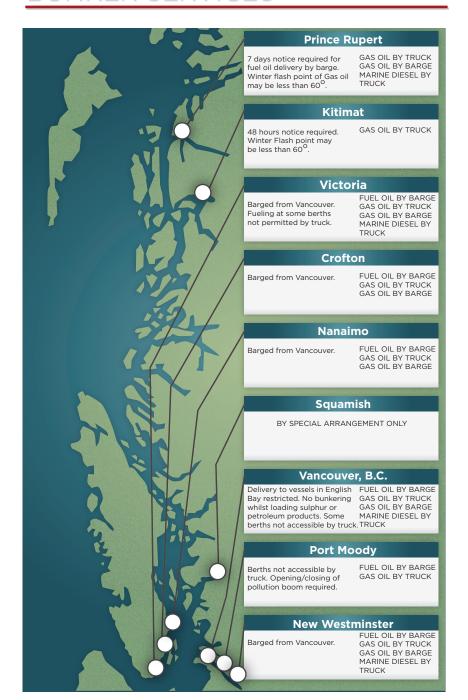
		_	8:00	<b>Y</b> 16:30	-	MONDAY 8:00			UESDA 8:00	-
CENTERM	CEN-5					WEST WOOD (2)				
CENI	CEN-6	GC AI	liance	- NP2	NP2				C - PNW (CPNW)	
Σ α μ VTM-5										
VANTERM	VTM-6	Evergreen - UAM								
)RT	DPT-1		China Shipping, UASC ANW1							nce-NP1
DELTAPORT	DPT-2	NP3			MSC - California Express					
DE	DPT-3		Maersk - TP9 CMA-CGM (Columbus Loop)							
IRREY S	Berth 7									
FRASER SURREY DOCKS	Berth 8	WAN								
FRAS	Berth 9									

CHINA SHPG	ANW1	(Asia Pacific Northwest Service)
	China Shipping, United Arab Sh	nipping Company (UASC), Pacific International Line (PIL)
CKYH	C-PNW	(China/Canada & U.S. Northwest Coast Express Service)
	COSCO, Hanjin, Yang Ming, "K"	Line
CKYH	Y-PNW	(Pacific Northwest Service)
	COSCO, Hanjin, Yang Ming, "K"	Line
CKYH	H-PNW	(Pacific Northwest Hanjin Express Service)
	COSCO, Hanjin, Yang Ming, "K"	Line
CKYH	K-PNW	(Pacific Northwest Service)
	COSCO, Hanjin, Yang Ming, "K"	Line, MOL
CMA-CGM	Columbus	(Columbus Loop)
	CMA-CGM, Maersk Line	
EVERGREEN	UAM	(US West Coast - Asia - Mediterranean Service)
	Evergreen	
HAPAG LLOYD /	MPS	(Mediterranean Pacific Service)
HAMBURG SUD	Hapag Lloyd, Hamburg Sud	
HAPAG LLOYD	WAN (every 14 days)	(West Coast Australia New Zealand)
	Hapag Lloyd, Hamburg Sud, CN	/IA-CGM
MAERSK LINE	TP9	(Transpacific #9 Service)
	Maersk Line, CMA-CGM	
MSC	California Express	(California Express)
	MSC (Mediterranean Shipping	Company)

WEDNESDAY THURSDA								SATURDAY		
1:00 8:00 <mark>16:30*</mark> 1:00 8:00			16:30	1:00	8:00	16:30	1:00	8:00	16:30	
					WEST WOOD					
	PNW NW)				G6 -	PA1			G6 - NP2	
			-PNW WCO-A)			H-I	PNW (P	NH)		
	Y - PNW (YPN)				UAN					UAM
	G6 Alliance - NP1 FPOC									
G6 Alliance - NP3 (LOAD)				G6 Alliance - NP3 FPOC (DISCH)						
						(	MPS MedPad	=)		
									PAG D - WAN	

G6	G6 Alliance: NP1	(North Pacific Service 1)					
	OOCL, NYK, Hapag Lloyd, ZIM	, Hyundai, MOL, APL					
G6	G6 Alliance: NP2	(North Pacific Service 2)					
	OOCL, NYK, Hapag Lloyd, ZIM	, Hyundai, MOL, APL					
G6	G6 Alliance: NP3	(North Pacific Service 3)					
	OOCL, NYK, Hapag Lloyd, ZIM	, Hyundai, MOL, APL					
G6	G6 Alliance: PA1	(Pacific Atlantic 1)					
	OOCL, NYK, Hapag Lloyd, Hyundai, MOL, APL						
PIL	ANW1						
	China Shipping, United Arab S	Shipping Company (UASC), Pacific International Line (PIL)					
UASC	ANW1	(Asia Pacific Northwest Service)					
	China Shipping, United Arab Shipping Company (UASC)						
WESTWOOD	Westwood						
	Note: Westwood (2) Service of	on Mondays is not a regular weekly call					
BARGE	Service from Centerm to Nanaimo						

## **BUNKER SERVICES**

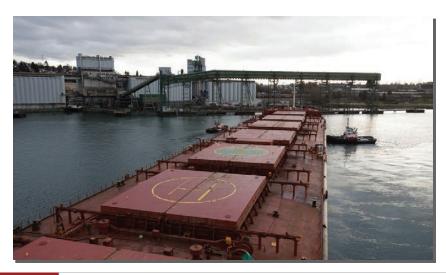


## P&I CLUBS

Protection and Indemnity Club	Correspondents
American Steamship Owners' Mutual Protection & Indemnity Association Inc.	Bernard LLP Borden Ladner Gervais LLP
Assuranceforeningen Gard P&I (Bermuda) Ltd.	Bernard LLP
Assuranceforeningen SKULD	Bernard LLP Borden Ladner Gervais LLP
Britannia Steam Ship Insurance Association Limited	Bull Housser & Tupper LLP
Japan Ship Owners' Mutual Protection & Indemnity Association	Bernard LLP
London Steam-Ship Owners' Mutual Protection & Indemnity Association	Bernard LLP Bull Housser & Tupper LLP
North of England Protection & Indemnity Association Ltd.	Bull Housser & Tupper LLP Owen Bird
Shipowners' Mutual Protection & Indemnity Association Ltd. (Luxembourg)	Bull Housser & Tupper LLP
Standard Club (The)	Bernard LLP
Steamship Mutual Underwriting Association Ltd.	Bernard LLP
Sveriges Angfartygs-Assurans Forening (The Swedish Club)	Bernard LLP
United Kingdom Mutual Steam Ship Assurance Association (Bermuda) Limited	Bernard LLP
The West of England Ship Owners Mutual Insurance Association (Luxembourg)	Bernard LLP Bull Housser & Tupper LLP

## PRINCIPAL SHIPPING SERVICES

BULK/BREAKBULK SERVICES				
Line	Agent	Tel	Service Area	Products
CSL International	Empire Shipping	604-255-1152	US West Coast	Aggregates
Eastern Car Line	Compass Marine	604-669-0100	Far East	Vehicles
d'Amico Dry	ACGI	604-688-3401	Europe	Bulk Cargoes
Grieg Star Shipping	Grieg Star Shipping	604-661-2000	Far East, Europe	Forest Products
Gearbulk	Gearbulk Canada	604-689-7194	Far East, US West Coast, South America	Forest Products
Oldendorff Carriers	Compass Marine	604-669-0100	Worldwide	Forest Products, General and Bulk Cargo
Saga Forest Carriers	Saga Forest Carriers	604-682-7242	Far East, Europe, South America	Forest Products, Breakbulk
Seaboard International Shipping	Seaboard International Shipping	604-980-1113	Far East, Europe, UK	Forest Products, Breakbulk
Sinotrans	Sinotrans	604-685-1500	Far East	Forest Products, Breakbulk
Swire Shipping	Montship	604-640-7400	ANZ	Forest Products, Breakbulk
Westwood Shipping Lines	Westwood Shipping Lines	604-684-8448	Far East	Forest Products, Breakbulk



CONTAINER SERVICES				
Line	Agent	Tel	Service Areas	Website
American President Line	APL (Canada) Limited	604-684-6088	Far East	apl.com
CCNI	Norton Lilly International	604-669-8866	Mexico, Europe	ccni.cl
China Shipping	China Shipping Agency	604-632-3881	Far East	chinashipping. ca
CMA-CGM	CMA-CGM	604-681-0987	Far East, ANZ	cma-cgm.com
COSCO (China Ocean Shipping Co.)	COSCO	604-689-8989	Far East	cosco.ca
CSAV	Norasia/CSAV	604-646-0120	Central and South America	csav.com
Evergreen Line	Evergreen Shipping Agency	604-682-8983	Far East	evergreen- marine.com
Hamburg Sud	Montship	604-640-7400	ANZ, Mexico, Central America	hamburgsud. com
Hanjin Shipping	Hanjin	604-682-8384	Far East	hanjin.com
Hapag Lloyd	Hapag Lloyd	604-683-3362	Far East, ANZ, Europe	hapag-lloyd. com



Line	Agent	Tel	Service Areas	Website
Hyundai Merchant Marine	Hyundai	604-601-2900	Far East	hmm21.com
K Line	K Line Canada	604-630-4760	Far East	kline.com
Maersk	Maersk Canada	800-321-8807	Far East, ANZ	maerskline.com
Mitsui OSK Line	MOL Canada	604-640-7484	Far East	mol.co.jp
Mediterranean Shipping Company	MSC Canada Inc.	604-688-9494	Europe	mscgva.ch
Nippon Yusen Kaisha	NYK Line Canada	778-331-8080	Far East	nykline.com
OOCL	OOCL Canada	604-689-4144	Far East	oocl.com
Pacific International Lines	Westward Shipping Ltd.	604-273-6141	Far East	pilship.com
United Arab Shipping Company	Montship	604-640-7400		
Westwood Shipping Lines	Westwood Shipping Lines	604-684-8448	Far East	wsl.com
Yang Ming	Yang Ming	604-637-1969	Far East	yml.com.tw
ZIM	ZIM	604-693-2335	Far East	zim.com



CRUISE LINES				
Line	Agent	Tel		
Carnival	World Wide Shore Services	604-641-1288		
Celebrity Cruises	Intercruises Shoreside & Port Services	604-630-5131		
Crystal Cruises	Intercruises Shoreside & Port Services	604-630-5131		
Disney Cruises	Intercruises Shoreside & Port Services	604-630-5131		
Holland America Line	World Wide Shore Services	604-641-1288		
Norwegian Cruise Lines	Intercruises Shoreside & Port Services	604-630-5131		
Princess Cruises	Princess Cruises	604-685-0454		
Royal Caribbean	Intercruises Shoreside & Port Services	604-630-5131		

### SHIPYARDS AND SHIP REPAIR FACILITIES

### **DOLLARTON SHIP YARD**

3829 Dollarton Highway, North Vancouver, BC V7G 1A1

TEL: 604-929-0866 Fax: 604-929-3898

**OWNER/OPERATOR:** Allied Shipbuilders Ltd.

CONTACT: Ed Norum, Manager - CELL: 604-341-0279

**WEBSITE:** www.alliedship.com

BERTH: 8.5 m by 30.48 m. covered marine cradle.

**SERVICES:** Capacity to build vessels up to 400 feet in length and up to 10,000 dwt.

FACILITIES: 10 acre site with capacity for repairs and refits docking up to 2,000 tons on

two floating drydocks.

### **ESQUIMALT GRAVING DOCKS**

825 Admirals Road, Victoria, BC V9A 2P1

**OWNER / OPERATOR:** Public Works and Government Services Canada

**CONTACT:** Joe Sansalone, General Manager

TEL: 250-363-3877 FAX: 250-383-8059

WEBSITE: http://www.tpsqc-pwqsc.qc.ca/biens-property/cse-eqd/index-eng.html



**ESQUIMALT GRAVING DOCKS** 

**SERVICES:** The facility can be contracted out to private operators for ship repair, refitting, etc. and other work for vessels up to 100,000 dwt.

**GRAVING DOCK:** Length 358.64 m, width 38.4 m, and depth over sill 11.5 m. The graving dock can be divided into various length sections by inserting internal caissons. The water depth over the keel blocks is 12.04 m with a sill clearance of 11.5 m. The maximum breadth of vessel is 38.18 m.

**REPAIR BERTHS:** North Wall Outfitting Wharf - Length 244 m with 9.1 m depth alongside. The north wall graving dock cranes service this wharf.

South Layby Jetty - Length 305 m Depth 12.5 m at outer end reducing to 9.1 m.

**EQUIPMENT:** 150 tonne and 50 tonne travelling cranes on the north wall graving dock and outfitting wharf 30 tonne travelling crane on south wall.

### POINT HOPE MARITIME

345 Harbour Road, Victoria, B.C. V9A 3S2

TEL: 250-385-3623 ext. 3 FAX: 250-385-3166

**CONTACT:** Hank Bekkering

**SERVICES:** Full service shipyard to repair and refit all types of commercial and private vessels. Facilities include a 1200 T marine railway, 15,000 sq. ft. assembly shed and fully equipped machine shop.

WEBSITE: www.pointhopemaritime.com

### **VANCOUVER DRYDOCK**

203 East Esplanade, North Vancouver, BC V7L 1A1

**OWNER:** Seaspan Shipyards (part of Washington Marine Group)

TEL: 604-988-7444 FAX: 604-990-5099

**CONTACT:** Paul Hebson, Vice President & General Manager

WEBSITE: www.seaspan.com/vancouver-drydock/

**SERVICES:** Full range of repair services.

**FACILITIES:** Panamax drydock with 36,000 tonne lift capacity, a self-contained drydock with 30,000 tonne lift capacity, and a 210 m deep water outfitting/repair pier. Machine shop steel forming shop on site.



VANCOUVER DRYDOCK

### **VANCOUVER SHIPYARDS**

50 Pemberton Avenue, North Vancouver, B.C., V7P 2R2

**OWNER:** Vancouver Shipyards Co. Ltd. (part of Washington Marine Group)

TEL: 604-988-6361 FAX: 604-990-3290

CONTACT: Tony Matergio, Vice President TEL: 604-990-3348

**WEBSITE:** www.seaspan.com

**SERVICES:** Vessel design, new construction, refit, repair, conversion and maintenance

of all types of vessels.



VANCOUVER SHIPYARDS

BERTH: Side launch construction ability to 168 m length, 30 m beam, 50,000 dwt.

**FACILITIES:** 40 acre yard on Burrard Inlet with three outfitting berths, steel and paint shop, and 1000 m on land trackage. Syncrolift all-tide marine elevator with 1,200 tonne lift capacity, length 90 m, breadth 21.34 m. Allows for up to 15 coastal vessels to be serviced simultaneously. In 2014, completion of the shipyard modernization project will add the following:

- Sub Assembly Shop with modern equipment
- Panel Shop with panel line
- Block Assembly Shop
- Pre-Outfitting Shop
- Paint and Blast Shop
- 300-tonne permanent Gantry crane over the erection berth



VICTORIA SHIPYARDS

### VICTORIA SHIPYARDS CO. LTD.

825 Admirals Road, Victoria, B.C. V9A 2P1

TEL: 250-380-1602, FAX: 250-995-6599

**CONTACT:** Malcolm Barker, Vice President and General Manager

**WEBSITE:** www.seaspan.com/victoria-shipyards/

**SERVICES:** Based at the Esquimalt Graving Dock, Victoria Shipyards can and drydock and repair vessels up to 100,000 DWT., including large deep-sea cruise ships, domestic naval, other government, auto/passenger ferry vessel repair, and medium to large commercial and private vessel repair.

# VANCOUVER MARITIME ARBITRATION

The Vancouver Maritime Arbitrators Association (VMAA) is a not-for-profit society that was incorporated in British Columbia in 1986. The VMAA's mission is to:

"To provide the maritime industry with a set of practical rules and experienced arbitrators and mediators in order to promote and achieve the efficient and impartial resolution of maritime disputes and claims in Vancouver."

Vancouver boasts one of the world's great natural harbours and geographically is Canada's Pacific gateway for trade to and from Asian nations. The diversity of products shipped to and from Vancouver and other British Columbia ports, as well



as the presence of a significant cruise sector, has fostered the development of local shipping expertise. This expertise is reflected in the broad variety of shipping related businesses located in B.C. such as shippers, owners, charterers, operators, forwarders, brokers, agents, lawyers and accountants.



Year after year, more commercial undertakings are pursued in the Pacific Northwest, increasing the potential for marine related disputes. In such cases, parties can take advantage of the large pool of local expertise, and work to resolve their disputes by use of the VMAA rules and roster, providing a significant advantage in both savings of time and money. The VMAA's strength and expertise lies in its source of arbitrators and mediators, as well as its comprehensive set of arbitration and mediation rules. Appointment of arbitrators and mediators can be made from the VMAA roster or with the assistance of the VMAA administration. The enforcement of VMAA awards. is relatively simple and supported by Federal legislation incorporating the 1985 - UNCITRAL Model Law on International Commercial Arbitration.

#### **CONTACT THE VMAA**

#100 - 1111 West Hastings Street Vancouver, British Columbia V6E 2J3 Canada

Tel: 604.681.2351 Fax: 604.681.4364

Website: www.vmaa.org



## Vancouver Maritime **Arbitrators Association**

#100 - 1111 West Hastings Street Vancouver, BC, Canada V6E 2J3

Telephone: 604-681-2351

Fax: 604-681-4364

www.vmaa.org

# INTERNATIONAL SAILORS SOCIETY

The International Sailors'
Society's presence in
Canada began in 1907
when the Rev. J. Wheeler
of the British Sailors'
Society in London arrived



to work with loggers and sailors in Vancouver. On July 26th, 1949 the Society became an autonomous body under Dominion Charter.

For many years the Society operated its own seafarers' centres in ports across Canada, providing ship visiting, accommodation, canteen services, library and writing facilities, social programs, compassionate care and spiritual counseling to visiting seafarers.

However, by the 1970s, for a variety of reasons, there was a gradual closing of ISSC branches and the Society became a support agency providing annual grants to other seafarer centres. When new facilities were needed, particularly in smaller ports, the Society was able to offer advice, encouragement and financial assistance.

#### VANCOUVER

**Lighthouse Harbour Ministries Website:** www.sealight.org **Email:** info@sealight.org

Unit 1, 260 East Esplanade, North Vancouver **Tel:** 604-988-5084 9551 Gunderson Road, Delta **Tel:** 604-583-1868

Mission to Seafarers www.flyingangel.ca

401 E. Waterfront Road, Vancouver **Tel:** 604-253-4421

**Hours of operation:** 0900 - 2200 Mon to Fri 1500 - 2200 Sat & Sun

Roberts Bank **Tel:** 604-940-2740

#### Hours of operation:

1400 - 2200 Mon to Thurs 1600 - 2200 Friday 1400 - 2200 Sat & Sun

continued next page...



The Society's purpose is to ensure that a safe and welcoming environment is available to seafarers visiting Canadian ports. To meet this commitment the Society seeks to sustain and augment the financial base which provides the income for its Grants Program.

Over the past 35 years ISSC has contributed over \$800,000 to fifteen centres, which help maintain the high quality of services provided by their dedicated staff and volunteers.

ISSC is a registered Canadian charity. For more information on the ISSC visit: www.sailorssociety.ca.

#### **PRINCE RUPERT**

Seafarers' Mission Centre
Website: www.
princeupertseafarerscentre con

Operated by Lighthouse Harbour Ministries 245 3rd Avenue West, Prince Rupert **Tel:** 250-624-6724

#### **VANCOUVER ISLAND**

Nanaimo Lighthouse Ministries Website: www.
nanaimolighthouse.org

Victoria Crews Ship Ministry (cruise season only) Operated by Lighthouse Harbour Ministries Orden Point Victoria

# Supporting seafarer centres across Canada



## International Sailors' Society Canada



Suite 100, 1111 West Hastings Street Vancouver, BC Canada Tel: 604-681-2351 Fax: 604-681-4364 Email: info@sailorssociety.ca Website: www.sailorssociety.ca



GOVERNMENT Regulatory

# Economically Essential - Environmentally Responsible



The Chamber of Shipping of British Columbia represents the interests of commercial ship owners, ship operators, vessel agents and a wide scope of service providers conducting business in the Asia-Pacific Gateway and beyond.



www.cosbc.ca



ブ Follow us on twitter @COSBCTweets

Chamber of Shipping of British Columbia
Tel: 604.681.2351 / Fax: 604.681.4364 / info@cosbc.ca
100 – 1111 West Hastings Street, Vancouver, BC Canada V6E 2J3

## SPILL RESPONSE PROCEDURES

### STOP THE PRODUCT FLOW – Act Quickly

Secure pumps, close valves, etc.

#### WARN PERSONNEL

Enforce safety and security measures.

### SHUT OFF IGNITION SOURCES

Motors, electrical circuits, open flames.

### CONTAIN/CONTROL SPILL

Use berms, boom or water hose.

### Do not contain gasoline.

DO NOT use detergents, solvents or dispersants on an oil spill. This is illegal in Canada and will result in fines.



#### NOTIFY CANADIAN COAST GUARD

This is required by law in Canada. The Coast Guard will make all other government agency notifications related to the spill.

By Telephone - 604-666-6011 (24/7)

By Radio – to any Coast Guard VTS or Radio Station

### NOTIFY WESTERN CANADA MARINE RESPONSE CORPORATION (WCMRC)

Call 604-294-9116 or 1-855-294-9116 (toll free)

Your call will be answered and relayed to the manager on duty.

It is important to have the following information available (see Oil Spill Reporting Form):

Your name and contact details

- · Company/ship name
- · Type of product spilled
- Location of incident
- · Approximate quantity spilled
- Is the source ongoing?
- Are there any relevant safety issues?
- The WCMRC Duty Officer will request that the authorized person complete a work order agreeing to the services WCMRC will provide.
- WCMRC will initiate a response if directed by the Member/Responsible Party.
- Once on the scene the WCMRC Spill Response Manager will respond to the spill emergency under the direction of the person authorized or his representative.

#### MAKE OTHER COMPANY OR REQUIRED NOTIFICATIONS

Environment Canada – 604-666-6100 (24/7) Provincial Emergency Program – 1-800-663-3456 (24/7)

• IMPLEMENT VESSEL SOPEP OR TERMINAL CONTINGENCY PLAN

## OIL SPILL REPORTING FORM

REPORTED BY (NAME, TITLE, TELEPHONE NUMBER, OR MONITORED RADIO FREQUENCY)			
VESSEL NAME, SIZE, TYPE, COUNTR	Y OF REGISTRY, OFFICIAL NUMBER, AND CA	LL SIGN (IF APPLICABLE)	
TOWING VESSEL (IF APPLICABLE)			
DATE/TIME OF INCIDENT	DATE/TIME REPORTED	DATE/TIME OF NEXT REPORT	
LOCATION OF INCIDENT			
COURSE, SPEED AND INTENDED TRA	CK OF VESSEL		
TYPE AND QUANTITY OF OIL ABOAR	D		
ESTIMATE OF OIL DISCHARGED, OR	THREAT OF DISCHARGE, DETAILS OF POLLU	TION OR POTENTIAL	
NATURE OF INCIDENT (E.G. GROUND	ING, COLLISION, ETC.) AND EXTENT OF DEF	ECTS/DAMAGE	
WEATHER AND SEA CONDITIONS ON	SCENE		
CURRENT CONDITION OF VESSEL			
INJURIES OR FATALITIES			
ASSISTANCE REQUIRED / REQUESTE	D OF BURRARD CLEAN OPERATIONS		
OTHER PERTINENT INFORMATION (	ONTINUE ON BACK IF NECESSARY)		
Notification Record:		Date/time:	
1. Canadian Coast Gu	uard 604-666-6011		
2. Western Canada Marine Response Corp 604.294-9116			
3. Company Represen	tative		
1. Other			

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Completed by:

## STATUTORY HOLIDAYS

Public Holiday	2014	2015	2016	2017
New Year's Day	Wed, Jan 1	Thurs, Jan 1	Fri, Jan 1	Sun, Jan 1
Family Day	Feb 10	Feb 9	Feb 8	Feb 6
Good Friday	April 18	April 3	March 25	April 14
Victoria Day	May 19	May 18	May 23	May 22
Canada Day	Tues, July 1	Wed, July 1	Fri, July 1	Sat, July 1 - Stat Holiday will be Monday, July 3
Civic Holiday	Aug 4	Aug 3	Aug 1	Aug 7
Labour Day	Sept 1	Sept 7	Sept 5	Sept 4
Thanksgiving Day	Oct 13	Oct 12	Oct 10	Oct 9
Remembrance Day	Tues, Nov 11	Wed, Nov 11	Fri, Nov 11	Sat, Nov 11
Christmas Day	Thurs, Dec 25	Fri, Dec 25	Sun, Dec 25	Mon, Dec 25
Boxing Day	Fri, Dec 26	Sat, Dec 26	Mon, Dec 26	Tues, Dec 26



# SHIPPING AND OUR ENVIRONMENT

The pace of environmental change and improvement in the marine industry whether legislated, voluntary or through continuous technological improvement, is impressive by any standard.

At the legislative level, the International Maritime Organization has placed environmental performance only slightly behind vessel safety as a leading core value of the organization. However, there is no doubt that vessel efficiency and reduced environmental impact is also driven by economic factors but this is equally true in the aviation, rail, auto and trucking industries.

### AIR FMISSIONS

At a regional level, the major development of recent times has been the launch of the North American Emissions Control Area (ECA) in August 2012. This was not

without its challenges given the requirement for vessels to burn marine fuel oil having a maximum of 1% sulphur content when within approximately 200 nautical miles of the North American coastline.

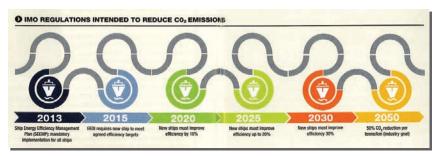
The allowable sulphur content of marine fuel will be further reduced in 2015 to a maximum of 0.1% within ECA geographical limits and at the same time, the plan is for the global allowable



PECKED LINE INDICATES ECA GEOGRAPHICAL LIMITS

content to be reduced to 0.5% in 2020. This later standard is subject to a fuel availability study to be completed by 2018. Alternative methods of compliance such as Exhaust Gas Cleaning Systems (commonly known as scrubbers) and the use of LNG as a marine fuel have been accelerated by the economic impact of the ECA zones in Northern Europe and North America.

Perhaps the greatest challenge faced from an environmental standpoint is that of further reductions in Green House Gas (GHG) emissions. The chart below is a summary of technology driven targets through the introduction in 2013 of the Energy Efficiency Design Index and the Ship Energy Efficiency Management Plan.



There are also several proposals based on the principle of monitoring, reporting and verification (MRV) of GHG emissions as a means to generate a standard framework to produce a GHG emissions inventory which may eventually form part of a regulated GHG emissions reduction scheme whether through the IMO or, more controversially, regionally.

### **BALLAST WATER**

In 2004, the IMO adopted the International Convention for the Control and Management of Ships' Ballast Water and Sediments. The Convention will enter into force 12 months after 30 countries representing 35% of the world's tonnage have ratified it. In late 2013, the total tonnage sits at 30.32%, just 4.68% short of the requirement.

The Convention will apply to all ships and offshore structures that carry ballast water and are engaged in international voyages. The Convention requires:

- A ship-specific Ballast Water Management Plan
- · A Ballast Water Record Book on board
- · Ballast water exchange records
- · An approved ballast water treatment system
- An International Ballast Water Management Certificate.



Many treatment systems are now on the market but there remains widespread concern whether the major investments required in fitting out new vessels, or retro-fitting of older vessels, will provide any assurance of regional compliance.

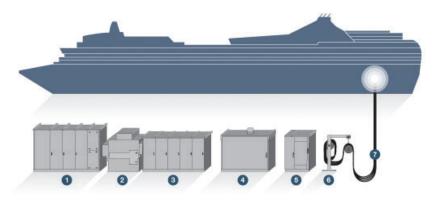
In the United States, treatment must be conducted using either a USCG type-approved system or a system type approved by another Administration which the USCG has accepted. There also remains significant disparity between ballast water sampling methods and a general recognition that the time window to fit the world fleet with treatment systems is unrealistically narrow. At industry's urging, the IMO is therefore looking to extend deadlines for system installations to special dry dockings rather than persist with artificial and ultimately unworkable dates.

### LOCAL SCENE

An important development over the past two years has been the expansion of the Green Marine Environmental Program to the west coast. The Program encourages participants to go beyond regulatory compliance and implement a process of continuous environmental improvement.

For their part, our major ports have also adopted environmental programs tailored to meet their respective situations. For example, in Vancouver the EcoAction and Blue Circle Award Programs are well entrenched along with shore power at the main cruise terminal and even a program to encourage employees to use transit or cycle to work

The Canada Place Shore Power Installation was awarded the Association of Professional Engineers and Geoscientists of BC's (APEGBC) 2010 Environmental Award of Excellence.



- 1. Primary metering equipment
- Diagram: Cochrane Marine

- 2. Transformer
- 3. Secondary breakers
- 4. Capacitor
- 5. Ground switch
- 6. Jib/cable management
- 7. Cable

Individual bulk, container and auto terminals also have aggressive environmental programs whether investing in low emission locomotives, waste water collection systems, dust controls or merely beyond compliance recycling programs.



# INTEGRATED OCEANS MANAGEMENT AND MARINE PROTECTED AREAS

With good intentions, Canada has embarked on several initiatives related to Integrated Oceans Management and the establishment of Marine Protected Areas. Notable examples are:

- The Pacific North Coast Integrated Management Area (PNCIMA)
- The proposed Southern Georgia Strait National Marine Conservation Area (NMCA)



RESPECTIVE BOUNDARIES OF PNCINA AND SOUTHERN GEORGIA STRAIT NMCA

Regretfully, the consultations surrounding these initiatives have proven to be quite difficult given the very different perspectives of stakeholders and ultimately the clear intention of some stakeholders to gain advantage over others. Even so, the marine industry is committed to playing a constructive role in advancing initiatives which are not subject to pre-conceived outcomes and do not compromise the ability of the marine industry to do its business in full compliance with our environmental and socio-economic responsibilities.

# KEY SHIPPING LAWS AND INTERNATIONAL CONVENTIONS

Shipping is a highly regulated industry. A lot of that regulation starts at the international level through the creation of international treaties. Whether a treaty becomes law in any specific country depends on the law of that country. In Canada international treaties need to be incorporated into our domestic law to have direct legal effect within Canada.

In Canada our Federal Parliament, as distinct from our Provincial Legislatures, has the constitutional power to make laws regulating shipping. This is clearly set out in *Canada's Constitution Act*, 1867 which provides expressly in section 91(10) that:

91.... it is hereby declared that ... the exclusive Legislative Authority of the Parliament of Canada extends to all Matters coming within the Classes of Subjects next hereinafter enumerated; that is to say,

10. Navigation and Shipping.

Canada's Federal Parliament has enacted numerous laws under its power to regulate navigation and shipping. Some of the more important Federal shipping laws include:

- Canada Shipping Act, 2001, S.C. 2001, c. 26 addresses a multitude of issues
  including the construction, maintenance, certification and crewing of
  ships as well as setting out various prohibitions, including the discharge of
  pollutants from ships.
- Marine Liability Act, S.C. 2001, c. 6 sets out provisions relating to civil liability in respect of the carriage of persons or passengers by ship, the carriage of cargo by ship, limitation of liability for ship owners, civil liability for pollution from ships, as well as a number of other issues.
- *Canada Marine Act*, S.C. 1998, c. 10 is the key legislation providing for the establishment and regulation of port authorities.
- Oceans Act, S.C. 1996, c. 31 establishes Canada's legal jurisdiction over our oceans including limits and requirements on various activities in our oceans.
- Coasting Trade Act, S.C. 1992, c. 31 deals with the use of foreign ships and non-duty paid ships in the coasting trade in Canada.
- Marine Insurance Act, S.C. 1993, c. 22 regulates marine insurers and includes provisions respecting the form and content of policies of marine insurance.
- Canadian Environmental Protection Act, 1999, S.C. 1999, c. 33 deals with

- many different environmental concerns, including the provision of dumping items at sea.
- Arctic Waters Pollution Prevention Act, R.S.C., 1985, c. A-12 is Canada's
  unique approach to preservation of our arctic waters setting out specific
  pollution prevention requirements and prohibitions.
- *Pilotage Act*, R.S.C., 1985, c. P-14 creates pilotage authorities and sets out their powers. It also includes provisions dealing with the relationship between a pilot and a ship owner and limits the liability of a pilot.

Not surprisingly, many of these laws are derived from international treaties. Some of the more significant treaties that are found either in part, or in their entirely, in the above laws include:

- International Convention for the Safety of Live at Seas of 1974 and protocols.
- International Convention for the Prevention of Pollution from Ships, 1973 and protocols.
- Convention on the International Regulations for Preventing Collisions at Sea, 1972.
- International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978.
- International Convention on Civil Liability for Oil Pollution Damage, 1992.
- International Convention on Civil Liability for Bunker Oil Pollution Damage, 2001.
- Convention on Limitation of Liability for Maritime Claims, 1976 with 1996 Protocol.
- International Convention on the Establishment of an International Fund for Compensation for Oil Pollution Damage.
- Hague-Visby Rules International Convention for the Unification of Certain Rules of Law relating to Bills of Lading, concluded at Brussels on August 25, 1924, as amended by the Visby Protocols.
- Athens Convention relating to the Carriage of Passengers and their Luggage by Sea, 1974 and Protocol.

There are, of course, many other Canadian laws and international treaties dealing with shipping. Canada is viewed by many as an active participate in the creation and implementation of improved shipping standards. More information on this can be viewed on the Government of Canada's website, and specific legislation can be found at: http://laws-lois.justice.gc.ca.

# IMO AMENDMENTS EXPECTED TO ENTER FORCE IN 2014 - 2015

Includes certain other specified "effective dates"

## **1 AUGUST 2013:** ENTRY INTO FORCE OF 2012 AMENDMENTS TO MARPOL

Amendments to MARPOL Annexes I, II, IV, V and VI which are aimed at enabling small island developing Statesto comply with requirements for port States to provide reception facilities for ship waste through regional arrangements. Parties participating in a regional arrangement must develop a Regional Reception Facilities Plan and provide particulars of the identified Regional Ships Waste Reception Centres; and particulars of those ports with only limited facilities.

## **1 JANUARY 2014:** ENTRY INTO FORCE OF 2010 OCTOBER MARPOL AMENDMENTS

Revised MARPOL Annex III Regulations for the prevention of pollution by harmful substances carried by sea in packaged form adopted in order for changes to the Annex to coincide with the next update of the mandatory International Maritime Dangerous Goods (IMDG) Code, specifying that goods should be shipped in accordance with relevant provisions.

## **1 JANUARY 2014:** UNITED STATES CARIBBEAN ECA BECOMES EFFECTIVE

United States Caribbean Sea Emission Control Area (SOx, NOx and PM) becomes effective, under MARPOL Annex VI.

## 1 JANUARY 2014: ENTRY INTO FORCE OF 2012 MAY SOLAS AMENDMENTS

Amendments to the following:

• SOLAS regulation II-1/8-1, to introduce a mandatory requirement for new passenger ships for either onboard stability computers or shore-based support, for the purpose of providing operational information to the Master for safe return

to port after a flooding casualty;

- SOLAS regulation III/20.11.2 regarding the testing of free-fall lifeboats, to require that the operational testing of free-fall lifeboat release systems shall be performed either by free-fall launch with only the operating crew on board or by a simulated launching;
- SOLAS regulation V/14 on ships' manning, to require Administrations, for
  every ship, to establish appropriate minimum safe manning levels following
  a transparent procedure, taking into account the guidance adopted by IMO
  (Assembly resolution A.1047(27) on Principles of minimum safe manning);
  and issue an appropriate minimum safe manning document or equivalent as
  evidence of the minimum safe manning considered necessary;
- SOLAS chapter VI to add a new SOLAS regulation VI/5-2, to prohibit the blending
  of bulk liquid cargoes during the sea voyage and to prohibit production
  processes on board ships;
- SOLAS chapter VII to replace regulation 4 on documents, covering transport information relating to the carriage of dangerous goods in packaged form and the container/vehicle packing certificate; and
- SOLAS chapter XI-1 regulation XI-1/2 on enhanced surveys, to make mandatory
  the International Code on the Enhanced Programme of Inspections during
  Surveys of Bulk Carriers and Oil Tankers, 2011 (2011 ESP Code, resolution
  A.1049(27)).

### 1 JANUARY 2014: AMENDMENTS TO LL PROTOCOL

Amendments to regulation 47 of the 1988 LL Protocol to the International Convention on Load Lines (LL), 1966 to shift the Winter Seasonal Zone off the southern tip of Africa further southward by 50 miles.

# 23 APRIL 2014: ATHENS CONVENTION RELATING TO THE CARRIAGE OF PASSENGERS AND THEIR LUGGAGE BY SEA, 2002, ENTERS INTO FORCE

The 2002 Protocol to the Athens Convention relating to the Carriage of Passengers and their Luggage by Sea, 1974, (PAL), revises and updates the 1974 Convention, which established a regime of liability for damage suffered by passengers carried on a seagoing vessel. As a precondition for joining, Parties to the 2002 Protocol are required to denounce the 1974 treaty and its earlier Protocols.

Carriers can limit their liability unless they acted with intent to cause such damage, or recklessly and with knowledge that such damage would probably result. For the death of, or personal injury to, a passenger, this limit of liability is 250,000 SDR per passenger on each distinct occasion unless the carrier proves that the incident resulted from an act of war, hostilities, civil war, insurrection or a natural phenomenon of an exceptional, inevitable and irresistible character; or was wholly caused by an act or omission done with the intent to cause the incident by a third party.

If the loss exceeds this limit, the carrier is further liable - up to a limit of 400,000 SDR per passenger on each distinct occasion - unless the carrier proves that the incident which caused the loss occurred without the fault or neglect of the carrier.

## **1 JULY 2014:** ENTRY INTO FORCE OF NOVEMBER 2012 SOLAS AMENDMENTS

- Amendments to SOLAS regulation III/17-1 to require ships to have plans and
  procedures to recover persons from the water, as well as related Guidelines for
  development of plans and procedures for recovery of persons from the water.
   Also, a related MSC resolution on Implementation of SOLAS regulation III/17-1 to
  ships to which SOLAS chapter III does not apply;
- amendments to SOLAS regulation II-2/10 on fire fighting to require a minimum
  of duplicate two-way portable radiotelephone apparatus for each fire party for
  fire fighters' communication to be carried; amendments to regulation II-2/15
  on instructions, on-board training and drills, to require an on-board means
  of recharging breathing apparatus cylinders used during drills, or a suitable
  number of spare cylinders; and amendments to regulation II-2/20 on protection
  of vehicle, special category and ro-ro spaces related to fixed fire-extinguishing
  systems; and
- amendments to the appendix to the annex to the SOLAS Convention replacing all forms of certificates and records of equipment, including its 1988 Protocol, and amendments to the forms of the Cargo Ship Safety Construction Certificate and Cargo Ship Safety Equipment Certificate of its 1978 Protocol.

## **1 JANUARY 2015:** CODE FOR RECOGNIZED ORGANIZATIONS

Code for recognized organizations (RO Code) becomes mandatory under SOLAS, MARPOL and Protocol of 1988 relating to the International Convention on Load Lines, 1966.

## **1 JANUARY 2015:** ENTRY INTO FORCE OF 2013 MAY SOLAS AMENDMENTS

Amendments to the following:

- SOLAS regulation III/19 to require musters of newly embarked passengers prior to or immediately upon departure;
- SOLAS regulation III/19, on emergency training and drills, to mandate
  enclosed-space entry and rescue drills, which will require crew members
  with enclosed-space entry or rescue responsibilities to participate in an
  enclosed-space entry and rescue drill at least once every two months. Related
  amendments also to the International Code of Safety for High-Speed Craft (HSC
  Code), the Code for the Construction and Equipment of Mobile Offshore Drilling
  Units (MODU Code) and the Code of Safety for Dynamically Supported Craft
  (DSC Code).

### 1 JANUARY 2015: CSC AMENDMENTS

Amendments to the International Convention for Safe Containers (CSC), 1972, to incorporate amendments to the CSC Convention adopted in 1993 by resolution A.737(18), which have not yet entered into force, including amendments relating to the safety approval plate and to the approval of existing and new containers.

## **8 JUNE 2015:** AMENDMENTS TO 1996 LLMC PROTOCOL

Amendments to increase the limits of liability in the 1996 Protocol to the Convention on Limitation of Liability for Maritime Claims were adopted in April 2012.

### **NEW LIMITS:**

Under the amendments to the 1996 Protocol, the limits are raised as follows:

The limit of liability for claims for loss of life or personal injury on ships not exceeding 2,000 gross tonnage is 3.02 million SDR (up from 2 million SDR).

For larger ships, the following additional amounts are used in calculating the limitation amount:

### **GOVERNMENT & REGULATORY**

- For each ton from 2,001 to 30,000 tons, 1,208 SDR (up from 800 SDR)
- For each ton from 30,001 to 70,000 tons, 906 SDR (up from 600 SDR)
- For each ton in excess of 70,000, 604 SDR (up from 400 SDR).

The limit of liability for property claims for ships not exceeding 2,000 gross tonnage is 1.51 million SDR (up from 1 million SDR).

For larger ships, the following additional amounts are used in calculating the limitation amount:

- For each ton from 2,001 to 30,000 tons, 604 SDR (up from 400 SDR)
- For each ton from 30,001 to 70,000 tons, 453 SDR (up from 300 SDR)
- For each ton in excess of 70,000 tons, 302 SDR (up from 200 SDR).



### **BUNKER SUPPLIERS**

- ICS Petroleum Ltd.
- KPI Bridge Oil, Inc.
- Marine Petrobulk
- · Classification Societies
- · American Bureau of Shipping
- · Bureau Veritas (Canada) Inc.
- China Classification Society (Canada)
- DNV GL
- · Lloyd's Register Canada Ltd.
- · Nippon Kaiji Kyokai

### **CONSULATES**

- Barbados Consulate
- · Brazil Consulate
- British Consulate General
- Canadian Croatian Congress
- China Consulate General
- Danish Consulate
- Finland Consultate General
- Germany Consulate General
- Greece Consulate General
- India Consulate General
- Indonesia Consulate General
- Japan Consulate General
- Korea Consulate General
- Malaysia Consulate General
- Norway Consulate General
- Philippines Consulate General
- · Singapore Consulate General
- Sri Lanka Consulate General
- Sweden Consultate General
- Thailand Consulate General
- Turkey Consulate General
- United States Consulate General

## CONSULTANTS & ENGINEERS

- 3GA Marine Ltd.
- Actes Environmental
- Aquila Consulting Business Development
- · Asta Marine Services Ltd.
- Ausenco Engineering Canada Inc.
- Benline Holdings Ltd.
- BMT Fleet Technology Ltd.
- BowTech Maritime Consultancy Inc.
- · Carah Worldwide Consulting Inc.
- Colledge Transportation Consulting (CTC) Inc
- · Comfac Services Ltd.
- · FarmLink Marketing Solutions
- FWD Engineering Ltd.
- FWS Group of Companies
- G.L. Garnett Consulting Ltd.
- Greenwood Maritime Solutions Ltd.
- Hemmera Envirochem Inc.
- Hewitt Associates
- IBI Group
- InterVISTAS Consulting Inc.
- John Lewis Associates
- · Kel-Ex Agencies Ltd.
- KMarine Consulting Ltd.
- · Levelton Consultants Ltd.
- Marine Design Associaties (Vancouver Ltd)
- Maritime Education Associates
- · Martech Polar
- Matson Peck & Topliss
- · MG Engineering Inc.
- MKY Security Consultants
- · Morrow Engineering Ltd
- Pacific Marine Services Ltd
- Pacific Navigation Company
- Pitcairn Enterprises Ltd.

- R.E.W. Consultants
- · Robert Allan Ltd.
- Seabulk Systems Inc.
- Seatech Systems Integration Inc.
- SENES Consultants Ltd.
- Ship Shape Consulting
- SNC Lavalin/Morrow Environmental Consultants Inc.
- Swan Marine Services Inc.
- Tactical Marine Solutions
- Wave Point Consulting
- Western Union Business Solutions
- WorleyParsons Canada Services Ltd.

### **EDUCATION & TRAINING**

- BCIT
- BCIT Marine Campus
- IMTARC Industrial Marine Training & Applied Research Centre
- Institute of Chartered Shipbrokers
- · SeaFire Training Ltd.
- Simon Fraser University
- Upward Packaging

## EQUIPMENT/MATERIALS HANDLING

- · Amix Heavy Lift Ltd.
- · Attica Equipment Ltd.
- BC Bearing Engineers Ltd.
- Byrne Road Wholesale Lumber
- Dick's Lumber and Building Supplies Ltd.
- · Finning Canada
- Fraser River Pile & Dredge (GP) Inc.
- Gwil Industries Inc. (dba Gwil Crane Service)
- Leavitt Machinery
- Liftall Equipment Inc.

- · Mason Lift Ltd.
- · Mega Cranes Ltd.
- NAGESCO
- Strongco Engineered Systems Inc.
- Tall Crane Equipment Ltd.
- Top Lift Enterprises Inc.
- Urban Woodwaste Recyclers
- · Western Equipment Ltd.

### FEDERAL GOVERNMENT

- Atlantic Pilotage Authority
- Canada Border Services Agency
- Canada Industrial Relations Board
- Canadian Air Transportation Security Authority
- · Canadian Coast Guard
- Canadian Food Inspection Agency
- · Canadian Grain Commission
- Canadian Transportation Agency
- Environment Canada
- Fisheries and Oceans Canada
- Foreign Affairs and International Trade
- Great Lakes Pilotage Authority
- · Health Canada Regional
- Human Resources and Skills Development Canada
- Industry Canada
- International Trade Canada
- National Defence Navy
- National Defence (MARPAC HQ)
   Victoria
- Natural Resources Canada
- Pacific Pilotage Authority
- Public Health Agency of Canada (PHAC)
- Transport Canada
- Transportation Safety Board

## FORWARDERS & CUSTOMS BROKERS

- A & A Contract Customs Brokers
- Acrocargo Express Inc.
- Adanac International Forwarders Ltd.
- · Aerostream Cargo Services
- Affiliated Customs Brokers Ltd.
- · Alpha-Mar Navigation Inc.
- · Badco Logistics
- · Canaan Shipping Co.
- · Cole Freight
- ContainerWorld Forwarding Services Inc.
- · Courtney Agencies Ltd.
- Davidson & Sons Customs Brokers Itd.
- DHL Global Forwarding (Canada) Inc.
- EcuLine Canada Inc.
- Expeditors Canada Inc.
- FedEx Trade Networks Transport & Brokerage (Canada) Inc.
- · Gateway Shipping & Transport
- Gillespie-Munroe Inc.
- ISL Customs Brokers
- J.B. Fllis & Co. I td.
- Kuehne + Nagel Ltd.
- · LEI Customs Brokers Inc.
- · Livingston International Inc.
- Locher Evers International
- Nippon Express Canada Ltd.
- North West Marine Cargo Services
- Overseas Container Forwarding Inc.
- · Panalpina Inc.
- PBB Global Logistics
- · Schenker of Canada Ltd
- · Sea Speed Logistics Inc.
- TDK Logistics Ltd.

- UPS Supply Chain Solutions
- · William L. Rutherford (BC) Limited

### INDUSTRY ASSOCIATION

- AdvantageBC International Business Centre Vancouver
- · Asia Pacific Foundation of Canada
- Association des Armateurs de Saint-Laurent Inc.
- Association of Canadian Port Authorities
- Association of Marine Surveyors of British Columbia
- Baltimore Maritime Exchange Inc.
- Boating BC Association
- British Columbia Chamber of Commerce
- British Columbia Maritime Employers Association
- British Columbia Trucking Association
- British Columbia Wharf Operators Association
- Business Council of British Columbia
- Canadian Association of Petroleum Producers
- Canadian Centre for Marine Communications
- Canadian Chamber of Commerce (The)
- Canadian Manufacturers & Exporters
- · Canadian Marine Pilots' Association
- Canadian Maritime Law Association
- Canadian Shipowners Association
- Chamber of Marine Commerce
- Chamber of Shipping of British Columbia
- · Chartered Institute of Logistics and

Transport - North America

- CLIA North West and Canada
- · Coal Association of Canada
- Coast Forest Products Association
- Company of Master Mariners of Canada
- Council of Marine Carriers
- Cruise Industry Association of B.C.
   (CIABC)
- Enfotec Technical Services
- Fish Safe British Columbia
- Fishing Vessel Owners Association of BC
- Greater Vancouver Gateway Council
- Gulf Ports Association of the Americas
- Halifax Shipping Association
- Hampton Roads Maritime
   Association
- Harbour Authority Association of British Columbia
- Hong Kong Canada Business Association
- INTERCARGO
- International Maritime Centre
- International Sailors' Society
- International Ship-Owners Alliance of Canada Inc.
- International Tanker Owners
   Pollution Federation Ltd.
- Jacksonville Marine Transportation Exchange Inc.
- Kitimat Economic Development Association
- Marine Exchange of Alaska
- Marine Exchange of Puget Sound
- Marine Exchange of Southern California
- Marine Exchange of the San

- Francisco Bay Region
- Marine Insurance Association of British Columbia
- Maritime Association of the Port of New York and New Jersey
- Maritime Exchange for the Delaware River and Bay
- Maritime Information Services of North America
- Merchants Exchange of Portland Oregon
- Metro Vancouver Container Drayage Association
- · Mining Association of BC
- Nautical Institute British Columbia Branch
- Nautical Professional Education Society of Canada
- New Orleans Board of Trade, Ltd.
- North Pacific Fishing Vessel Owners Association
- Northwest Corridor Development Corporation
- Ocean Initiatives BC
- Pacific Merchant Shipping Association
- Plimsoll Club
- Railway Association of Canada
- Retail Council of Canada
- · Shipping Federation of Canada
- SODES St. Lawrence Economic Development Council
- Transportation Institute
- Vancouver Board of Trade
- Vancouver Grain Exchange
- Vancouver Maritime Arbitrators
   Association
- Vancouver Maritime Museum Society

- Vancouver Terminal Elevator Association
- Vancouver Transportation Club
- WESTAC
- Western Canadian Shippers Coalition
- Western Grain Elevator Association
- Western Marine Community Coalition
- · WISTA Canada Inc.
- · World Ship Society Ltd., The

# INSURER, VESSELS, INCLUDING P&I CLUBS

- Aon Reed Stenhouse Inc.
- Coast Underwriters Ltd.
- Harlock Murray Underwriting Ltd.
- · Marsh Canada Ltd.
- Shipowners Assurance Management
- Underwriters Insurance Brokers Ltd.

# INTERNATIONAL ORGANIZATIONS

- American Association of Port Authorities
- American Waterways Operators -Pacific Region
- BIMCO The Baltic & International Maritime Council
- Hong Kong Shipowners Association
- International Chamber of Shipping
- International Maritime Organization
- INTERTANKO
- Pacific States/British Columbia Oil Spill Task Force
- · Petromedia Pte Ltd
- Washington State Maritime Cooperative

# **LABOUR & UNIONS**

- British Columbia Ferry and Marine Workers' Union
- Canadian Merchant Service Guild
- Canadian Merchant Service Guild -Ottawa
- Grain Workers Union Local 333
- ILWU Canada
- ILWU Local 508
- ILWU Ship & Dock Foremen Local 514
- ILWU, Local 400
- ILWU, Local 500
- ILWU, Local 502
- International Transport Workers
   Federation
- Seafarers International Union of Canada
- United Fishermen & Allied Workers
  Union

# LEGAL FIRMS

- · Alexander Holburn Beaudin & Lang
- Bernard LLP
- Borden Ladner Gervais LLP
- Boughton Law Corporation
- Bull, Housser & Tupper
- · Davison Wiebe Douvelos, LLP
- · Giaschi & Margolis
- · Harper Grey LLP
- · MacKenzie Fujisawa
- McIntyre Winteringham
- · Miller Thomson, LLP
- Owen Bird Law Corporation
- Smith Barristers
- Thomas Cooper
- · Whitelaw Twining

# MARINE & CARGO SURVEYORS

- A. S. Blakely Marine Surveyors Ltd.
- Atlas Marine Surveyors & Consultants
- · B. G. Marine
- British Columbia Supercargoes' Association
- Certispec Services Inc.
- China Certification & Inspection Corporation (Canada) Inc.
- Chryan Marine Claims Services Ltd.
- · Control Union Canada Inc.
- Crawford & Company, Global Marine Services
- Elander Inspection Ltd.
- F.I. Hopkinson Marine Surveyors
- Fernandes Marine Services Ltd.
- Greenwich Marine Services
- Harbour Marine Surveyors
- IMS Marine Surveyors Ltd.
- JSC Marine Associates Inc.
- · Larkins Marine Surveyors Ltd.
- Loadmaster Marine Ltd.
- Manly Marine Closures
- · Maxaam Analytics Inc.
- McLarens Brouwer International
- McLean Taylor Marine Surveyors Ltd.
- Overseas Merchandise Inspection Company Ltd.
- Pacific Cargoworks Inc.
- Phoenix Marine Services Inc.
- ProPacific Marine Corp.
- Rozario Marine Ltd.
- Safeport Marine Services Ltd.
- · SGS Canada Inc.
- SGS Canada Inc. (Agriculture Inspection Services Division)
- Thomas Taylor

- Trans Marine Consultants Ltd.
- Vectis Marine (Div of Vectis Consultants & Sales Ltd)
- Westside Marine Services

# MARINE CHANDLERS & SUPPLIERS

- Asia Trading Co. Ltd.
- Ava Hi Seas Ship Suppliers Ltd.
- Beimei Marine Services & Technical (2010) Inc.
- · Coastal Mountain Fuels Ltd
- Egon Marine Services Ltd.
- F. Punzalan Ent. Ltd.
- · Felita Ship Chandler
- Karlo Corporation
- King Marine Supply Ltd.
- Lam Marine Supplies Ltd.
- · Mikado Enterprises Ltd.
- Starboard Marine Supplies Ltd.
- Triton Marine Supply (Division of Triton Marine Group)
- United Maritime Suppliers Inc.
- · Vanport Ship Supply
- · Wolff Marine Supply Ltd.

# MARINE ELECTRONICS / ELECTRICIANS

- ABB Inc. Marine Electronics Division
- · Armature Electric Ltd.
- Binnacle Marine Services Limited
- CMC Electronics Inc.
- Comar Electrical Services Ltd.
- Diversified Flectronics
- Elmar Electronic Marine Ltd.
- · Foreign Electronics Inc.
- · Heritage Electric Ltd.
- Imtech Marine Canada Inc.
- K.S. Maude Electric Ltd.

- Maritime Services
- MD Marine Flectronics
- · Mott Electric G.P.
- · Navtech Services Inc.
- NSI Flectronics
- Oasis Marine Services Ltd.
- Ratel Mobile Communications
- Sperry Marine Canada Ltd.
- Startech Marine Services Inc.
- Totem Plus
- Van-Mar Flectric I td.
- Western System Controls Ltd.
- Wismer & Rawlings Electric Ltd.
- Xanatos Marine Ltd

# MARITIME COURIERS

- Atlas Courier I td
- DHL Express (Canada) Ltd.
- MacAidan Courier
- Maritime Couriers Int'l Inc.
- Maritime Steamships Assistants Inc.

## MEDICAL SERVICES

- Cruise Ship Medical Services
- Mariner's Medical Clinic

## OFF-DOCK TERMINAL

- 3PLogix
- Ashcroft Terminals
- Canaan Transport Group
- Canadian Intermodal Services Inc.
- CN Rail
- Coast 2000 Terminals Ltd.
- Coastal Containers Ltd.
- Columbia Containers Ltd.
- Consolidated Fastfrate Inc.
- CP Rail
- Delta Container Limited Partnership

- Euro Asia Transload Inc.
- Global Agriculture Trans-loading Inc.
- Harbour Link Container Services
- Marco Marine Container Inc.
- Northern Pacific Transload Ltd
- Quickload Transloading Services
- · Ray-Mont Logistics
- Reagle Terminals Inc.
- South Fraser Container Services Ltd.
- TDK Metro Terminals
- Tidal Coast Terminals Ltd.
- Transpacific Container Terminal Ltd.
- · Westnay Container Services Ltd.
- Westran Services Ltd

# PORT AUTHORITY OR OPERATOR

- Belledune Port Authority
- · District of Kitimat
- Greater Victoria Harbour Authority
- · Halifax Port Authority
- · Hamilton Port Authority
- · Montreal Port Authority
- · Nanaimo Port Authority
- Port Alberni Port Authority
- Port Metro Vancouver Vancouver
- Port of Seattle
- Port Ouebec
- Prince Rupert Port Authority
- · Québec Port Authority
- Toronto Port Authority

# SECURITY & ENFORCEMENT

- Canadian K9 Group Ltd.
- Commissionaires British Columbia
- International Loss Prevention Systems
- K9 Science Operations Network

- Marine & Industrial Security Services (1987) Ltd.
- RCMP
- Securiguard Services Ltd.
- Simplex Grinnell
- Waterfront Joint Forces Operations
- Westquard Security Services Inc.

# SHIP/CARGO BROKERS

- · Alemar Shipping Ltd.
- CTL Westrans Shipbrokers
- · Latitude Logistics
- Lorentzen & Stemoco (North America) Shipbrokers Ltd.
- · MSS Chartering Ltd.
- Navico Chartering Canada Ltd.
- · Nowadays Maritime
- · Pangea Logistics Inc.
- Simpson, Spence & Young (Canada)
- Transtrade Shipbrokers Ltd.
- Trealmont Trade Lane Inc.
- United Chartering Ltd.
- Waterfront Chartering International
- World Wide Shipping & Chartering Ltd.

# SHIPBOARD AND SHIP SERVICES

- Abell Pest Control
- · Advance Chemicals Ltd.
- Apex Glass and Security
- Canadian Pest Control Ltd.
- Canforce Pest Control
- Canwest Marine Services Inc.
- City Pest Control
- · Clean Air Services Canada Ltd.
- DBC Marine Safety Systems Limited
- Deep Blue Sea International Waste

#### Disposal

- Delta Maritime Management Ltd.
- Drew Marine
- Earl's Marine Closures
- Early Recovered Resources Inc.
- Ecolab
- Interport Shipwaste Solutions Inc.
- · Lighthouse Harbour Ministries
- · Maple Leaf Disposal Ltd.
- MARENER Engineered Systems
- Mission To Seafarers
- Nalfleet Marine Chemicals
- · North Shore Pest Control
- Orkin PCO Services Inc.
- Peninsula Waste Water Services Ltd.
- Port of Hope Ministries Canada
- Quantum Harbour Services Inc.
- RBM HoldSolutions
- Stingwray Marine Services Ltd.
- Tervita Corporation
- Universal Fumigation Services Ltd.
- Universal Rope Fabrication Ltd.
- Western Canada Marine Response Corporation
- Westwood Glass

# SHIPBUILDERS & REPAIRERS

- ABB Inc. Turbocharging Division
- Allied Blower & Sheet Metal Ltd.
- · Allied Shipbuilders Ltd.
- All-Sea Enterprises Ltd.
- Canadian Maritime Services Inc.
- · Canpac Divers, Inc.
- · Challenge Marine Ltd.
- Cullen Diesel Power Ltd.
- Deas Pacific Marine Inc
- Downtown Custom Metal Works Ltd.
- Dynamic Engineering Inc.

- · Fred Holmes Fuel Injection
- · Global Underwater Ship Repair
- Governor Control Sales & Services Ltd.
- Harbour Stainless Ltd.
- International Paint
- · Marine Tech Industries Ltd.
- Meridian Marine Industries Inc.
- · Neill Marine Electric Ltd.
- Newalta Corporation
- Point Hope Maritime Limited
- · South Coast Diving Ltd.
- Triple H Services Ltd.
- Vancouver Drydock Company
- Vancouver Drydock Company Ltd.
- · Vancouver Shipyards Co. Ltd.
- W & O Supply (Canada) Inc.
- · Wartsila Services Inc.
- Wheeler Equipment Ltd.

# SHIPPING AGENCIES

- · ACGI Shipping Inc.
- Canpotex Shipping Services Ltd.
- · Colley West Shipping Ltd.
- Compass Marine Services
- Empire Shipping Agency Limited
- · G.W. Nickerson Co. Ltd.
- Genesis Maritime (Canada) Ltd.
- Hogwesa Holdings Ltd.
- Inchcape Shipping Services Inc.
- Intercruises Shoreside & Port Services
- International Chartering Services Ltd.
- Interocean Steamship Corp.
- Island Shipping Ltd.
- · King Bros. Limited
- Kitimat Shipping Agencies
- · LBH Shipping Canada Inc.
- Lions Gate Shipping Ltd.
- Mason Agency Ltd.

- · McLean Kennedy Inc.
- · Montship Inc.
- Navitrans Shipping Agencies West Inc
- · North Island Agencies Ltd.
- North Pacific Shipping Co. Ltd.
- Northcoast Shipping Agency
- · Norton Lilly International Inc.
- · Ocean Agencies Ltd.
- Pacific Northwest Ship & Cargo Services Inc.
- Port Alberni Shipping Co. Ltd.
- RMS Cruise c/o Rupert Marine Shipping
- Robert Reford Inc.
- Rupert Marine Shipping
- TNC Agencies Canada Ltd.
- Total Marine Logistics Inc.
- Trans Oceanic Shipping Co. Ltd.
- Triton Ship Agency (Division of Triton Marine Group Inc.)
- Westward Shipping Ltd.
- Wilhelmsen Ships Service
- World Wide Shore Services Ltd.

# SHIPPING LINES

- · APL (Canada) Ltd.
- · Blue Sky Shipping Co. Ltd
- · China Ocean Shipping (Canada) Inc.
- China Shipping (Canada) Agency Co. Ltd.
- CMA-CGM (Canada) Inc.
- CSL International
- Evergreen Shipping Agency (America) Corporation
- Fairmont Shipping (Canada) Ltd.
- Gearbulk Shipping Canada Ltd.
- Grieg Star Shipping (Canada) Ltd.
- · Hanjin Shipping Co. Ltd.

- Hyundai America Shipping Agency (P.N) Inc.
- Inter-Oceans Co. Ltd.
- · K Line Canada Ltd.
- Kristian Gerhard Jebsen Skipsrederi A/S
- · MSC (Canada) Inc.
- Norsk Pacific Steamship Canada Ltd.
- NYK Line (Canada) Inc.
- · Oak Maritime (Canada) Inc.
- Oldendorff Carriers Vancouver
- · OOCL (Canada) Inc.
- Pacific Basin Shipping (Canada)
   Limited
- Princess Cruises Inc
- Saga Forest Carriers Intl AS
- Seaboard International Shipping Company Ltd.
- Seabridge Marine Services
- · Seaspan Ship Management Ltd.
- · Sinotrans Canada Inc.
- Teekay Shipping (Canada) Ltd.
- Tokyo Marine Co., Ltd.
- Transpacific Shipping Inc.
- · Valles Steamship (Canada) Ltd.
- Waterfront Shipping Company Ltd.
- Westwood Shipping Lines (Canada)
- · Yang Ming Shipping (Canada) Ltd.
- Zim Integrated Shipping Services (Canada) Co. Ltd.

# **STEVEDORES**

- Associated Stevedoring Company Ltd.
- · Cerescorp Co.
- Empire Grain Stevedoring Ltd.
- · Pacific Rim Stevedoring
- Tidal Transport & Trading Ltd.
- Western Stevedoring Co. Ltd

· Western Stevedoring Co. Ltd.

# SURFACE TRANSPORTATION

- Aheer Transportation Ltd.
- American Cartage Ltd.
- Bridge Terminal Transport Canada Inc.
- Burlington Northern-Santa Fe Railway
- · Canadian Freightways
- · Canadian Pacific Railway
- · Can-Am West Carriers Inc.
- Coastal Pacific Xpress Inc.
- Dolphin Delivery Ltd.
- F&G Delivery Ltd.
- Gray Line of Vancouver
- Griffin Transportation Services Inc.
- · Hiway Refrigeration Ltd.
- KTL Transport
- · Lions Gate Trailers Ltd.
- Pacific Transportation Group
- Radius Transport Ltd.
- Reimer Express Lines
- Shadow Lines Transportation Group
- · Simard Westlink Inc.
- Team Transport Services Ltd.
- Touchdown Trucking Corp.

# TERMINAL OPERATORS, MANAGERS, OR OWNERS

- Alliance Grain Terminal
- Burrard Products Terminal (Suncor Energy)
- Canexus Chemicals Canada Limited Partnership
- · Cargill Vancouver Terminal
- Cascadia Terminal

- DP World Nanaimo
- DP World Vancouver
- Duke Point Barge Terminal
- Eurocan Terminal
- Fairview Container Terminal
- Fibreco Export Inc.
- Fraser Surrey Docks
- IOCO Terminal
- Kinder Morgan Vancouver Wharves
- Kinder Morgan Westridge Marine Terminal
- Lantic
- Lehigh Northwest Cement Limited
- · Lynnterm East Gate
- · Lynnterm West Gate
- Maher Terminals Holding Corporation
- Neptune Bulk Terminals (Canada) Ltd.
- Pacific Coast Terminals Co. Ltd.
- Pacific Flevators Ltd.
- · Pope & Talbot Ltd.
- Prince Rupert Grain Ltd.
- Richardson International Limited
- Ridley Terminals Inc.
- Rio Tinto Alcan Primary Metal BC
- · Shell Trading Canada
- Shellburn Terminal
- Squamish Terminals Ltd.
- Stanovan Terminal
- TSI Terminal Systems Inc.
- Univar Canada I td
- West Coast Reduction
- Westshore Terminals Limited Partnership
- WWL Vehicle Services Canada, LTD.

# TERMINAL SUPPLIERS & SERVICES

Avant Guard Gates and Access

#### Controls

- Axis Technical Services
- BMS Integrated Services
- Brymark Installations Group Inc.
- · Cantech Inspections Ltd.
- CEDA Emergency Response Team
- Corrosion Services Company Ltd
- Ecofab Maintenance Ltd.
- · Gisborne Group, The
- · Global Port Machinery Ltd.
- · Haakon Industries (Canada) Limited
- · Houle Electric
- Iron Mountain Welding Ltd.
- Mr. Bin Disposal
- Norcan Fluid Power Ltd.
- Pickering Safety
- Quantum Remediation Inc.
- Ross Morrison Electrical
- Select Fluid Power
- Sidewinder Marine I td.
- Simark Controls Ltd
- Termel Industries Ltd.
- · Thermo King of BC

# **TOWING & SALVAGE**

- · Catherwood Towing
- Chase Towing & Salvage
- Foss Maritime Company
- Inlet Navigation
- · Island Tug & Barge Ltd.
- Katzie Coast Marine Services
- Ledcor Resources & Transportation
   Ltd
- North Arm Transportation
- Pacific Towing Services Ltd.
- · Samson Tug Boats Inc.
- Seaspan Marine Corporation
- SMIT Harbour Towage Kitimat
- SMIT Harbour Towage Prince Rupert

- SMIT Harbour Towage Vancouver
- SMIT Harbour Towage Westminster
- Svitzer Canada Ltd.
- Union Tug & Barge
- Westcoast Tug & Barge

# WATER TRANSPORTATION

- Black Ball Transportation
- British Columbia Ferry Services Inc.
- Harbour Cruises Ltd.
- Seaspan Ferries Corporation
- Seaspan Marine Corporation
- SMIT Marine Canada Inc.
- Tymac Launch Service Limited

#### 3GA Marine Ltd.

505 - 827 Fairfield Road Victoria, BC V8V 5B2

### 3PLogix

110 - 7419 Nelson Road Richmond, BC V6W 1G3

**Ph:** 604-273-6265 **Fax:** 604-207-8977 www.vanislebarge.com

#### A & A Contract Customs Brokers

217-7867 Express Street Burnaby, BC V5A 1S7

**Ph:**.....604-538-1042

www.aacb.com

# A. S. Blakely Marine Surveyors Ltd.

3380 Vincent Street Port Coquitlam, BC V3B 5E1

**Ph:** 604-942-5786 **Fax:** 604-942-5702

# ABB Inc. - Marine Electronics Division

600 - 3731 North Fraser Way Burnaby, BC V5J 5J2

**Ph:** 604-434-2454 **Fax:** 604-433-2666 www.ca.abb.com

# ABB Inc. - Turbocharging Division

600 - 3731 North Fraser Way Burnaby, BC V5J 5J2

#### **Abell Pest Control**

7634 Winston Street Burnaby, BC V5A 2H4

**Ph:** 604-421-6619 **Fax:** 604-421-6772

www.abellgroup.com

### **ACGI Shipping Inc.**

1100-900 West Hastings Street Vancouver, BC V6C 1E5

www.acgishipping.com

### Acrocargo Express Inc.

#130-10451 Shellbridge Way Richmond, BC V6X 2W8

**Ph:** 604-800-6658 **Fax:** 604-635-1838

#### **Actes Environmental**

1631 Welch Street North Vancouver, BC V7P3G9

# Adanac International Forwarders

Unit 125, 6086 Russ Baker Way Richmond, BC V7B 1B4

**Ph:** 604-273-8611 **Fax:** 604-273-8610

#### Advance Chemicals Ltd.

2023 Kingsway Avenue Port Coquitlam, BC V3C 1S9

www.advancechemicals.ca

# AdvantageBC - International Business Centre Vancouver

Suite 3093, Three Bentall Centre 595 Burrard Street, Box 49067 Vancouver, BC V7X 1C4

**Ph:** 604-683-6626 **Fax:** 604-683-6646 www.ifcbc.com

### **Aerostream Cargo Services**

130-4840 Miller Road Richmond, BC V7B 1K7

#### Affiliated Customs Brokers Ltd.

205 - 4831 Miller Road Richmond, BC V7B 1K7

**Ph:** 604-276-8321 **Fax:** 604-276-9892

www.affiliated.ca

### Aheer Transportation Ltd.

8970 River Road Delta, BC V4G 1B5

www.aheer.com

## Alemar Shipping Ltd.

760 Weymouth Drive North Vancouver, BC V7K 2Z2

**Ph:** 604-987-8458 **Fax:** 604-987-8449

www.alemarshipping.com

# Alexander Holburn Beaudin & Lang

2700-700 West Georgia Street Vancouver, BC V7Y 1B8

**Ph:** 604-484-1700 **Fax:** 604-484-9700

www.ahbl.ca

#### **Alliance Grain Terminal**

1155 Stewart Street Vancouver, BC V6A 4H4

**Ph:** 604-254-4414 **Fax:** 604-215-6578

#### Allied Blower & Sheet Metal Ltd.

12224 - 103A Avenue Surrey, BC V3V 3G9

www.alliedblower.com

# Allied Shipbuilders Ltd.

1870 Harbour Road North Vancouver, BC V7H 1A1

www.alliedship.com

## All-Sea Enterprises Ltd.

1458 Rupert Street North Vancouver, BC V7J 1E9

www.all-sea.com

### Alpha-Mar Navigation Inc.

170-5980 Miller Road Richmond, BC V7B 1K2

www.alpha-mar.com

### American Association of Port Authorities

1010 Duke Street Alexandria, VA 22314

www.aapa-ports.org

### American Bureau of Shipping

305 - 850 Harbourside Drive North Vancouver, BC V7P 0A3

www.eagle.org

#### American Cartage Ltd.

101-9366 200A Street Langley, BC V1M 4B3

www.americancartage.com

# American Waterways Operators - Pacific Region

701 5th Avenue, Suite 4200 Seattle, WA 98104

**Ph:** 206-262-8019

# Amix Heavy Lift Ltd.

410 - 713 Columbia Street New Westminster, BC V3M 1B2

**Ph:** ......1-888-600-2649 **Fax:** .....1-866-713-1418

www.amixheavylift.ca

#### Aon Reed Stenhouse Inc.

Suite 1200

401 West Georgia Street Vancouver, BC V6B 5A1

**Ph:** ......604-688-4442

www.aon.ca

### **Apex Glass and Security**

4926 Delta Street Delta, BC V4K 2V2

**Ph:** ......604-952-4000

**Fax:** 604-952-4292

#### APL (Canada) Ltd.

2525-555 West Hastings Street

PO Box 12045

Vancouver, BC V6B 4N4

www.apl.com

### Aquila Consulting Business Development

6092 Berwick Street Burnaby, BC V5H 1W2

**Ph:** ......604-433-4164

#### Armature Electric Ltd.

3811 North Fraser Way Burnaby, BC V5J 5J2

**Ph:** 604-879-6141 **Fax:** 604-879-6974

www.armatureelectric.com

#### **Ashcroft Terminals**

1000 Evans Road PO Box 820 Ashcroft, BC V0K 1A0

**Ph:** 250-453-2469

www.ashcroftterminal.com

# Asia Pacific Foundation of Canada

220-890 West Pender Street Vancouver, BC V6C 1J9

www.asiapacific.ca

### Asia Trading Co. Ltd.

477 Powell Street Vancouver, BC V6A 1G7

**Ph:** ......604-255-9111

**Fax:** ......604-255-1142

# Associated Stevedoring Company Ltd.

15 Mountain Highway North Vancouver, BC V7J 2J9

**Ph:** 604-904-2800 **Fax:** 604-904-2801

www.westeve.com/steve\_associated.html

# Association des Armateurs de Saint-Laurent Inc.

150 Dalhousie CP 2268 Quebec City, PQ G1K 7P7

**Ph:**.....415-648-4378

### Association of Canadian Port Authorities

1006-75 Albert Street Ottawa, ON K1P 5F7

**Ph:** 613-232-2036 **Fax:** 613-232-9554

www.acpa-ports.net

# Association of Marine Surveyors of British Columbia

2813 Murray Street Port Moody, BC V3H 1X3

**Ph:**.....604-220-7520

www.amsbc.org

#### Asta Marine Services Ltd.

1755-30th Street

West Vancouver, BC V7V 4P1

#### **Atlantic Pilotage Authority**

Cogswell Tower, Suite 910 2000 Barrington Street

Halifax, NS B3J 3K1 **Ph:** ......902-426-2550

Fax: 902-426-4004

www.atlanticpilotage.com

#### Atlas Courier Ltd.

#12, 4238 Lozells Avenue Burnaby, BC V5A OC4

**Ph:** ......604-875-1111 **Fax:** 604-879-2311

### **Atlas Marine Surveyors &** Consultants

7505 112 St

Delta, BC V4C 4V9

www.atlasmsc.com

### Attica Equipment Ltd.

150 Glacier Street Coquitlam, BC V3K 5Z6

**Fax:** ......604-941-2158

# Ausenco Engineering Canada

855 Homer Street Vancouver, BC, V6B 2W2

**Ph:**.....604-684-9311 

www.ausenco.com

## Ava Hi Seas Ship Suppliers Ltd.

1668 West 75th Avenue Vancouver, BC, V6P 6G2

**Ph:** ......604-264-1474 

### **Avant Guard Gates and Access Controls**

Unit B - 5421 180th Street Surrey, BC V3S 4K5

**Ph:**......604-575-3174 **Fax:**.....604-575-3172

avantguardgates.com

#### **Axis Technical Services**

5 Capilano Way

New Westminster, BC V3L 5G3

**Ph:**.....604-777-2907 Fax: .....1-866-860-5634

www.axistech.ca

#### B. G. Marine

9066 Berksvire Cresent Coquitlam, BC V3E 3N5

**Ph:** ......604-941-0700 

### **Badco Logistics**

#1 - 5251 West Island Highway Oualicum Beach, BC V9K 2C1

**Ph:**.....604-724-6932 

www.badco.ca

# **Baltimore Maritime Exchange**

3720 Dillon Street, Suite 216 Baltimore, MD 21224-5202

**Ph:**.....410-342-6610 Fax:.....410-327-4847

www.balmx.org

#### **Barbados Consulate**

401 - 2020 Haro Street Vancouver, BC, V6G 1J3

**Ph:** ......604-681-0740

## BC Bearing Engineers Ltd.

8985 Fraserwood Ct. Burnaby, BC V5J 5J2

www.motionindustries.com

#### BCIT

Bldg SW1 - First Floor 3700 Willington Avenue Burnaby, BC V5G 3H2

**Ph:**.....604-434-1610

www.bcit.ca

# **BCIT Marine Campus**

265 West Esplanade North Vancouver, BC V7M 1A5

**Ph:**.....604-453-4111 

www.bcit.ca/transportation

# Beimei Marine Services & Technical (2010) Inc.

Unit #1-13331 Vulcan Way Richmond, BC V6V 1K4

# **Belledune Port Authority**

112 Shannon Drive Belledune, NB E8G 2W2

www.portofbelledune.ca

### Benline Holdings Ltd.

4951 Fillinger Crescent Nanaimo, BC V9V 1H9

#### **Bernard LLP**

15th Floor 570 Granville Street Vancouver, BC V6C 3P1

www.bernardllp.ca

# BIMCO The Baltic & International Maritime Council

#### **Binnacle Marine Services Limited**

6250 Summit Avenue West Vancouver, BC V7W 1Y2

#### **Black Ball Transportation**

430 Belleville Street Victoria, BC V8V 1W9

**Ph:** 250-386-2202 **Fax:** 250-386-2207

www.cohoferry.com

### Blue Sky Shipping Co. Ltd

#5 - 7100 River Road Richmond, BC V6X 1X5

### **BMS Integrated Services**

1277 Georgia Street East Vancouver, BC V6A 2A9

**Ph:** 604-676-0136 **Fax:** 604-222-8575

www.bmscom.com

### BMT Fleet Technology Ltd.

412-611 Alexander Street Vancouver, BC V6A 1E1

www.fleetech.com

## **Boating BC Association**

#300 - 1275 West 6th Avenue Vancouver, BC V6H 1A6

www.bcmta.com

#### Borden Ladner Gervais LLP

1200-200 Burrard Street Vancouver, BC V7X 1T2

**Ph:** 604-687-5744 **Fax:** 604-687-1415

www.blg.com

#### **Boughton Law Corporation**

Suite 700 - 595 Burrard Street PO Box 49290

Vancouver, BC Postal Code

www.boughton.ca

# BowTech Maritime Consultancy

Semaphore House, 992 Hartford Place North Vancouver, BC V7H 2J7

#### **Brazil - Consulate**

20th Floor, 666 Burrard Street Vancouver, BC V6C 2X8

www.consbrastoronto.org

# Bridge Terminal Transport Canada Inc.

7420 Hopcott Road Delta, BC V4G 1B6

# British Columbia Chamber of Commerce

1201 - 750 West Pender Street Vancouver, BC V6C 2T8

www.bcchamber.org

# British Columbia Ferry and Marine Workers' Union

301 - 710 Redbrick Street Victoria, BC V8T 5J3

www.bcfmwu.com

# British Columbia Ferry Services Inc.

Suite 500-1321 Blanshard Street Victoria, BC V8W 0B7

www.bcferries.bc.ca

## British Columbia Maritime Employers Association

500-349 Railway Street Vancouver, BC V6A 1A4

www.bcmea.com

# British Columbia Supercargoes' Association

206-3711 Delbrook Avenue North Vancouver, BC V7N 3Z4

www.supercargoes.bc.ca

# British Columbia Trucking Association

20111 - 93rd Avenue Langley, BC V1M 4A9

**Ph:** 604-888-5319 **Fax:** 604-888-2941

www.bctrucking.com

## British Columbia Wharf Operators Association

c/o 15 Mountain Highway North Vancouver, BC V7J 2J9

www.bcwharfoperators.ca

### **British Consulate General**

800 - 1111 Melville Street Vancover, BC V6E 3V6

www.britainincanada.org

### Brymark Installations Group Inc.

1648 Broadway Street Port Coquitlam, BC V3C2M8

www.brymarkgroup.com

# **Bull, Housser & Tupper**

Suite 900-900 Howe Street Vancouver, BC V6Z 2M4

www.bht.com

### Bureau Veritas (Canada) Inc.

#801-535 Thurlow Street Vancouver, BC V6E 3L2

www.bureauveritas.com

# Burlington Northern-Santa Fe Railway

www.bnsf.com

# Burrard Products Terminal (Suncor Energy)

9955 Barnett Highway Burnaby, BC V3H 3E1

www.petro-canada.ca

### Business Council of British Columbia

810 - 1050 West Pender St. Vancouver, BC V6E 3S7

**Ph:** 604-684-3384 **Fax:** 604-684-7957

www.bcbc.com

#### Byrne Road Wholesale Lumber

5161 Byrne Road Burnaby, BC V5J 3H6

#### Canaan Shipping Co.

11371 Twigg Place Richmond, BC V6V 3C9

www.canaantransport.com

# **Canaan Transport Group**

11371 Twigg Place Richmond, BC V6V 3C9

www.canaantransport.com

# Canada Border Services Agency - Metro Vancouver District

412 - 1611 Main Street Vancouver, BC V6A 2W5

www.cbsa-asfc.gc.ca

# Canada Border Services Agency

- Nanaimo

201A-60 Front Street Nanaimo, BC V9R 5H7

**Ph:** 250-754-0341 **Fax:** 250-754-0345

www.cbsa-asfc.gc.ca

# Canada Border Services Agency - Prince Rupert

P.O. Box: 220 7 - 45 Currie Way Prince Rupert, BC V8J 3Y8

**Fax:** ......250-627-3041

www.cbsa-asfc.gc.ca

# Canada Border Services Agency - Victoria

West Coast & Yukon District 107-816 Government Street

Victoria, BC V8W 1X1

**Ph:** 250-363-3339 **Fax:** 250-363-0759

www.cbsa-asfc.gc.ca

## Canada Industrial Relations Board - Western Region

501-300 West Georgia Street Vancouver, BC V6B 6B4

**Ph:** ......1-800-575-9696

www.cirb-ccri.gc.ca

# Canadian Air Transportation Security Authority

99 Bank Street, 13th Fl. Ottawa, ON K1P 6B9

**Ph:**.....1-888-294-2202

# Canadian Association of Petroleum Producers

2100 - 350 7th Ave S.W. Calgary, AB T2P 3N9

**Ph:** ......403-267-1100

www.capp.ca

# Canadian Centre for Marine Communications

155 Ridge Road P.O. Box: 8454 St. John's, NL A1B 3N9

Canadian Chamber of Commerce (The)

PO Box 38057 Calgary, AB T3K 5G9

www.chamber.ca

#### Canadian Coast Guard - Ottawa

200 Kent Street Ottawa, ON K1A 0E6

# Canadian Coast Guard - Pacific Region Head Office

25 Huron Street Victoria, BC V8V 4V9

**Ph:** 250-413-2800 **Fax:** 250-413-2800

www.ccg-gcc.gc.ca

### **Canadian Croatian Congress**

3550 Commercial Street Vancouver, BC V5N 4E9

# Canadian Food Inspection Agency - Ottawa

59 Camelot Drive Ottawa, ON K1A 0Y9

**Ph:** 613-773-2342 **Fax:** 800-465-7735

www.inspection.gc.ca

# Canadian Food Inspection Agency - Prince Rupert

Harbour Operations B-3, 417 2nd Avenue West Prince Rupert, BC V8J 1G8

**Ph:** 250-627-3033 **Fax:** 250-624-3806

www.inspection.gc.ca

# Canadian Food Inspection Agency - Vancouver

Harbour Operations Floor 2, Room 270, 858 Beatty Street Vancouver. BC V6B 1C1

## **Canadian Freightways**

PO Box 1108, Station T Calgary, AB T2H 2J1

### **Canadian Grain Commission**

300-333 Seymour Street Vancouver, BC V6B 5A6

www.grainscanada.gc.ca

# Canadian Intermodal Services Inc.

11660 Mitchell Road Richmond, BC V6V 1T7

www.canintermodal.com

# Canadian K9 Group Ltd.

194-1896 West Broadway Vancouver, BC V6J 1Y9

www.canadiank9.com

# Canadian Manufacturers & Exporters

BC Division

540-688 West Hastings St.

Vancouver, BC Postal Code

www.cme-mec.ca

# Canadian Marine Pilots' Association

155 Queen Street, Suite 1302 Ottawa, ON K1P 6L1

**Ph:** 613-829-9531 **Fax:** 613-596-6079

www.marinepilots.ca

### Canadian Maritime Law Association

1155 Rene-Levesque Blvd. West, Suite 4000 Montreal, PQ H3B 3V2 www.cmla.org

#### Canadian Maritime Services Inc.

534 Linton Street Coquitlam, BC V3J 6J2

**Ph:** 604-999-8774 **Fax:** 604-939-5547

#### Canadian Merchant Service Guild

310 - 218 Blue Mountain Street Coquitlam, BC V3K 4H2

www.cmsg-gmmc.ca

# Canadian Merchant Service Guild

- Ottawa

1150 Morrison Drive, Suite 150 Ottawa, ON K2H 8S9

**Ph:**.....613-829-9531

# Canadian Pacific Railway

401 9th Avenue SW Calgary, AB T2P 4Z4

**Ph:** 1-888-333-8111 **Fax:** 1-403-205-9058

www.cpr.ca

### Canadian Pest Control Ltd.

101 - 84 North Bend Street Coquitlam, BC V3K 6H1

**Ph:** 604-524-5511 **Fax:** 604-524-3500

www.canadianpest.com

### Canadian Shipowners Association

350 Sparks Street, Suite 1208 Ottawa, ON K1R 7S8

www.shipowners.ca

# Canadian Transportation Agency - Pacific Region

560 - 800 Burrard Street Vancouver, BC V6Z 2V8

www.otc-cta.gc.ca

#### Can-Am West Carriers Inc.

400 Riverside

Abbotsford, BC V2S 7N8

www.canamtransportation.com

# Canexus Chemicals Canada Limited Partnership

100 Amherst Avenue

North Vancouver, BC V7H 1S4

**Ph:**.....604-929-1107

**Fax:** 604-929-9396

www.canexus.com

#### Canforce Pest Control

1054955 Newton Street Burnaby, BC V5H 4B8

#### Canpac Divers, Inc.

983 West 3d Street

North Vancouver, BC V7P 1E4

www.canpacdivers.com

### Canpotex Shipping Services Ltd.

c/o Neptune Bulk Terminals PO Box 86367

North Vancouver, BC V7L 4K6

www.canpotex.com

### Cantech Inspections Ltd.

106-3738 North Fraser Way Burnaby, BC V5J 5G7

#### Canwest Marine Services Inc.

203 - 11240 Bridgeport Road Richmond, BC V6X 1T2

#### Carah Worldwide Consulting Inc.

304 - 2906 West Broadway Vancouver, BC V6K 2G8

#### **Cargill Vancouver Terminal**

801 Low Level Road North Vancouver, BC V7L 1A7

**Ph:** 604-990-2576 **Fax:** 604-990-2559

#### Cascadia Terminal

3333 New Brighton Road Vancouver, BC V5K 5J7

**Ph:** 604-293-6211 **Fax:** 604-293-6219

www.viterra.ca

# Catherwood Towing

101-32885 Mission Way Mission, BC V2V 6E4

**Ph:** 604-826-9221 **Fax:** 604-826-9223

# CEDA Emergency Response Team

1564 Booth Avenue Coquitlam, BC V3K 1B9

**Ph:** 604-540-4100 **Fax:** 604-540-4200

www.cedagroup.com

### Cerescorp Co.

999 Canada Place, Suite 530 Vancouver, BC V6C 3E2

www.ceresglobal.com

### Certispec Services Inc.

2813 Murray Street Port Moody, BC V3H 1X3

www.certispec.com

### Challenge Marine Ltd.

870 Cordova Street E. Vancouver, BC V6A 1M4

#### **Chamber of Marine Commerce**

350 Sparks Street Ottawa, ON K1R 7S8

www.cmc-ccm.com

# Chamber of Shipping of British Columbia

100-1111 West Hastings Street Vancouver, BC V6E2J3

# Chartered Institute of Logistics and Transport - North America

Suite 900 275 Slater Street Ottawa, ON K1P 5H9

www.ciltna.com

### **Chase Towing & Salvage**

901 Arden Road Victoria, BC V9B 5B4

**Ph:** 250-478-5868 **Fax:** 250-478-7211

#### China - Consulate General

3380 Granville Street Vancouver, BC V6H 3K3

# China Certification & Inspection Corporation (Canada) Inc.

250 - 5611 Cooney Road Richmond, BC V6X 3J5

# China Classification Society (Canada)

Suite 916-6081 No. 3 Road Richmond, BC V6Y 2B2

**Ph:** 604-278-1835 **Fax:** 604-278-1856

www.ccs.org.cn/en

# China Ocean Shipping (Canada) Inc.

Suite 2288 Four Bentall Centre 1055 Dunsmuir Street, PO Box 49208 Vancouver, BC V7X 1K8

www.cosco.ca

# China Shipping (Canada) Agency Co. Ltd.

Unit 730-8100 Granville Avenue Richmond, BC V6Y 3T6

**Ph:** 604-632-3881 **Fax:** 604-633-0641 www.chinashipping.ca

# Chryan Marine Claims Services Ltd.

PO Box 10 Sechelt, BC VON 3A0

### **City Pest Control**

2233 Kaptey Avenue Coquitlam, BC V3K 6C7

**Ph:** 604-720-2245 **Fax:** 604-540-7370

### Clean Air Services Canada Ltd.

5-19747 Telegraph Trail Langley, BC V1M 3E6

www.cleanairservices.com

#### **CLIA North West and Canada**

Suite 100

1111 West Hastings Street Vancouver, BC V6E 2J3

**Ph:** 604-681-9515 **Fax:** 604-681-4364

www.clia-nwc.com

#### CMA-CGM (Canada) Inc.

1720 - 1177 West Hastings Street Vancouver, BC V6E 2K3

**Ph:** 604-681-0987 **Fax:** 604-681-6835

www.cma-cgm.com

### CMC Electronics Inc.

3839 Still Creek Avenue Burnaby, BC V5C 4E2

www.cmcelectronics.ca

#### **CN Rail**

Thorton Yard Suite 200, 11717-138th Street Surrey, BC V3R 6T5

**Ph:** \_\_\_\_\_1-888-888-5909

www.cn.ca

#### **CN Rail**

Prince Rupert Yard 3100 Scott Road Prince Rupert, BC V8J 3P4

**Ph:** 250-624-2124

**Fax:** 250-624-2323

#### Coal Association of Canada

Suite 150, 205 Ninth Avenue S.E.

Calgary, AB T2G 0R3

www.coal.ca

#### Coast 2000 Terminals Ltd.

16080 Portside Road Richmond, BC V6W 1M1

www.coast2000.com

### Coast Forest Products Association

1200 - 1090 West Pender Street Vancouver, BC V6E 2N7

**Ph:** 604-891-1237 **Fax:** 604-682-8641

www.coastforest.org

#### Coast Underwriters Ltd.

1610-200 Granville Street, Vancouver, BC V6C 1S4

www.coast-uw.com

#### Coastal Containers Ltd.

2525 Commissioner Street Vancouver, BC V5K 5E5

#### Coastal Mountain Fuels Ltd

8027 Enterprise St. Burnaby, BC V5A 1V5

# Coastal Pacific Xpress Inc.

5355 - 152nd Street Surrey, BC V3S 5A5

**Ph:** 604-575-4200 **Fax:** 604-575-3778

www.cpx.ca

### Cole Freight

116 - 5000 Miller Road Richmond, BC V7B 1K6

# Colledge Transportation Consulting (CTC) Inc.

1137 Kuma Crescent Delta, BC v4M 2K8

# Colley West Shipping Ltd.

2170-1050 West Pender Street Vancouver, BC V6E 3S7

www.colleywest.bc.ca

#### Columbia Containers Ltd.

2775 Commissioner Street Vancouver, BC V5K 1A1

www.columbiacontainers.com

#### Comar Electrical Services Ltd.

114 - 1515 Broadway Street Port Coquitlam, BC V3C 3Z8

**Ph:** 604-941-7646 **Fax:** 604-941-7610

www.comarelectric.com

#### Comfac Services Ltd.

8660 Grand View Drive Chilliwack, BC V2R 4A1

### Commissionaires British Columbia

801-595 Howe Street Box 22

Vancouver, BC V6C 2T5

www.commissionaires.bc.ca

### Company of Master Mariners of Canada

401 East Waterfront Road Vancouver, BC V6A 4G9 http://www.mastermariners.ca/

#### **Compass Marine Services**

640-1050 West Pender Street Vancouver, BC V6E 3S7

**Ph:** 604-669-0100 **Fax:** 604-681-9283

www.compassmarine.ca

#### Consolidated Fastfrate Inc.

1375 Kingsway Avenue Port Coquitlam, BC V3C 4W1

www.fastfrate.com

# ContainerWorld Forwarding Services Inc.

16133 Blundell Road Richmond, BC V6W 0A3

## Control Union Canada Inc.

103 - 173 Forester Street North Vancouver, BC V7H 0A6

**Ph:** 604-988-8484 **Fax:** 604-988-9484

www.controlunion.com

### **Corrosion Services Company Ltd**

1103 Cliveden Avenue East Anasis Island

Delta, BC V3M 6G9

www.corrosionservice.com

#### **Council of Marine Carriers**

215 - 3989 Henning Drive Burnaby, BC V5C 6P8

www.comc.cc

## Courtney Agencies Ltd.

802-535 Thurlow Street Vancouver, BC V6E 3L2

www.courtney.bc.ca

#### **CP Rail**

Vancouver Intermodal Yard 17900 Kennedy Road Pitt Meadows, BC V3Y 1Z1

# Crawford & Company, Global Marine Services

280-2985 Virtual Way Vancouver, BC V5M 4X7

**Ph:** 604-436-2277 **Fax:** 604-436-1211

www.crawfordandcompany.ca

# Cruise Industry Association of B.C. (CIABC)

615 - 1445 Marpole Avenue Vancouver, BC V6H 1S5

**Ph:**.....604-619-9699

www.ciabc.ca

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### **Cruise Ship Medical Services**

Burrard Health Centre 505 - 1160 Burrard Street Vancouver, BC V6Z 2E8

**Ph:** 604-683-0206 **Fax:** 604-683-0203

### **CSL International**

1433 - 1130 West Pender Street Vancouver, BC V6E 4A4

**Ph:** 604-235-1390 **Fax:** 604-235-1394

www.cslint.com

### **CTL Westrans Shipbrokers**

2200-1050 West Pender Street Vancouver, BC V6E 3S7

**Ph:** 604-681-4331 **Fax:** 604-681-5376

www.ctlwestrans.com

#### Cullen Diesel Power Ltd.

9300 192nd Street Surrey, BC V4N 3R8

**Ph:** 604-888-1211 **Fax:** 604-888-4749 www.ddabc.com

#### **Danish Consulate**

755 - 777 Hornby Street Vancouver, BC V6Z 1S4

**Ph:** 604-684-5171 **Fax:** 604-682-8054

www.ambottawa.um.dk/en

# Davidson & Sons Customs Brokers Ltd.

1220-1188 West Georgia Street Vancouver, BC V6E 4A2

www.davidsonandsons.com

#### Davison Wiebe Douvelos, LLP

1350 - 885 West Georgia Street Vancouver, BC V6C 3E8

www.dwdlaw.ca

### DBC Marine Safety Systems Limited

#101 - 3760 Jacombs Road Richmond, BC V6V 1Y6

**Ph:** 604-278-3221 **Fax:** 604-278-7812

www.dbcmarine.com

#### Deas Pacific Marine Inc.

12800 Rice Mill Road Richmond, BC V6W 1A1

# Deep Blue Sea International Waste Disposal

PO Box 28649 Willingdon Heights RPO Burnaby, BC V5C 6J4

**Ph:** 604-438-0704 **Fax:** 604-924-2382

# Delta Container Limited Partnership

7764-80th Street Delta, BC, V4G, 1C1

#### Delta Maritime Management Ltd.

845 Eden Crescent Delta, BC, V41, 1W6

**Ph:** 604-943-1217 **Fax:** 604-943-1217

#### DHL Express (Canada) Ltd.

303 Vernon Drive

Vancouver, BC V6A 3N3

www.dhl.com

# DHL Global Forwarding (Canada) Inc.

230 - 13091 Vanier Place Richmond, BC V6V 2J1

www.dhl.com

# Dick's Lumber and Building Supplies Ltd.

2580 Gilmore Avenue Burnaby, BC V5C 4T5

www.dickslumber.com

#### **District of Kitimat**

270 City Centre Kitimat, BC V8C 2H7

Ph: 250-632-8900
Fax: 250-632-4995
www.kitimat.ca/EN/main/business/port-of-kitimat.html

### **Diversified Electronics**

8521 Eastlake Drive Burnaby, BC V5A 4T7

**Ph:** 604-421-1234 **Fax:** 604-421-1052

www.diversifiedelectronics.ca

#### DNV - GL

804 1112 West Pender Street Vancouver, BC V6E 2S1

**Ph:** 604-689-7425 **Fax:** 604-689-7450 www.dny.com

#### Dolphin Delivery Ltd.

4201 Lozells Avenue Burnaby, BC V5A 2Z4

www.dolphindelivery.ca

# Downtown Custom Metal Works Ltd.

1356 East Pender Street Vancouver, BC V5L 1V8

#### **DP World Nanaimo**

750 Jackson Road Nanaimo, BC V9X 1J2

#### **DP World Vancouver**

777 Centennial Road Vancouver, BC V6A 1A3

#### **Drew Marine**

116 East 6th Avenue New Westminster, BC V3L4G7

www.drew-marine.com

## **Duke Point Barge Terminal**

870 Jackon Rd Nanaimo, BC V9X 1J2

**Ph:** ......250-722-7323 **Fax:** .....250-722-7076

# Dynamic Engineering Inc.

1270 Frances Street Vancouver, BC V6A 1Z5

www.dynamicengineering.com

# **Earl's Marine Closures**

Unit 102 - 9725 192 Street Surrey, BC V4N4C7

www.marineclosures.com

### Early Recovered Resources Inc.

10487 River Road Delta, BC V4C 2R1

#### Ecofab Maintenance Ltd.

1645 Lonsdale Avenue North Vancouver, BC V7M 2J5

www.ecofab.com

#### **Ecolab**

#110, 8299 129th Street Surrey, BC V3W 2A6

www.ecolab.com

#### EcuLine Canada Inc.

260-10691 Shellbridge Way Richmond, BC V7X 2W8

www.eculine.net

#### Egon Marine Services Ltd.

10440 Bird Road Richmond, BC V6X 1N6

**Ph:** 604-671-5461 **Fax:** 604-273-5641

www.egonmarine.com

#### Elander Inspection Ltd.

Suite 128 - 11800 River Road Richmond, BC V6X 1Z7

www.elanderinspection.ca

### Elmar Electronic Marine Ltd.

1521 Columbia Street North Vancouver, BC V7J 1A3

### Empire Grain Stevedoring Ltd.

#200-395 Railway Street Vancouver, BC V6A 1A6

### **Empire Shipping Agency Limited**

307-611 Alexander Street Vancouver, BC V6A 1E1

www.empireship.com

#### **Enfotec Technical Services**

Suite 3500, 1000 de la Gauchetiere West Montreal, PQ H3B 4W5

### **Environment Canada - Ottawa**

10 Wellington, 23rd Floor Gatineau, ON K1A 0H3

**Ph:** 819-997-2800 **Fax:** 819-994-1412

www.ec.gc.ca

#### **Environment Canada - Pacific**

Suite 201 - 401 Burrard Street Vancouver, BC V6C 3S5

www.pyr.ec.gc.ca

#### Euro Asia Transload Inc.

16160 Blundell Road Richmond, BC V6W 0A2

**Ph:** 604-278-3854

www.euroasiainc.om

#### **Eurocan Terminal**

Post Office Box 1400 Eurocan Way Kitimat, BC V8C 2G1

**Ph:** ......1-250-632-6111 **Fax:** ......1-250-632-3473

www.westfraser.com

# Evergreen Shipping Agency (America) Corporation

1010 Granville Square 200 Granville Street Vancouver, BC V6C 1S4

www.evergreen-america.com

#### **Expeditors Canada Inc.**

21320 Gordon Way, Suite 200 Richmond, BC V6W 1J8

www.expeditors.com

## F&G Delivery Ltd.

9324 192nd Avenue Surrey, BC V4N 3R8

www.fgdelivery.com

#### F. Punzalan Ent. Ltd.

#104-3905 Albert Street Burnaby, BC V5C 2E2

### F.I. Hopkinson Marine Surveyors

1225 Riverside Drive North Vancouver, BC V7H 1V6

**Ph:** 604-924-4903 **Fax:** 604-924-4906

# Fairmont Shipping (Canada) Ltd.

300-1112 West Pender Street Vancouver, BC V6E 2S1

## **Fairview Container Terminal**

PO Box 98 3100 Scott Road Prince Rupert, BC V8J 3P4

**Ph:** .......250-624-2124

Fax: 250-624-2323

www.mahercanada.com

# FarmLink Marketing Solutions

110-93 Lombard Avenue Winnipeg, MB R3B 3B1

**Ph:** 204-832-2133

# FedEx Trade Networks Transport & Brokerage (Canada) Inc.

240-13777 Commerce Parkway Richmond, BC V6V 2X3

www.ftn.fedex.com

### Felita Ship Chandler

12042 Cambie Road Richmond, BC V6V 1G4

#### Fernandes Marine Services Ltd.

6142 184 A Street Surrey, BC V3S 7P8

www.fernandesmarine.ca

### Fibreco Export Inc.

1209 McKean Avenue North Vancouver, BC V7P 3H9

**Ph:** 604-980-6543 **Fax:** 604-984-2593

www.fibreco.com

#### Finland - Consultate General

1100 - 1188 West Georgia Street Vancouver, BC V6E 4A2

www.finland.ca

#### Finning Canada

19100 94th Avenue Surrey, BC V4N 5C3

**Ph:** 604-881-2600 **Fax:** 604-881-2666

www.finning.ca

#### Fish Safe British Columbia

Unit 2 - 11771 Horseshoe Way Richmond, BC V7A 4V4

# Fisheries and Oceans Canada - Ottawa

200 Kent Street Ottawa, ON K1A 0E6

**Ph:** ......613-993-1936

### Fisheries and Oceans Canada - Regional Office

200 - 401 Burrard Street Vancouver, BC V6C 3S4

www.dfo-mpo.gc.ca

### Fishing Vessel Owners Association of BC

406 - 535 Howe Street Vancouver, BC V6C 2Z4

**Ph:** 604-684-4493 **Fax:** 604-638-0116

# Foreign Affairs and International Trade

Regional Office 2000-300 West Georgia Street, Vancouver, BC V6B 6E1

#### Foreign Electronics Inc.

7-111 West Broadway Vancouver, BC V5Y 1P4

**Ph:** 604-879-1189 **Fax:** 604-874-1165 www.foreignelectronics.ca

### **Foss Maritime Company**

1151 Fairview Ave. N. Seattle, WA 98109

**Ph:** 206-281-3800 **Fax:** 206-281-4702 www.foss.com

# Fraser River Pile & Dredge (GP) Inc.

1830 River Drive New Westminster, BC V3M 2A8

www.frpd.com

### **Fraser Surrey Docks**

11060 Elevator Road Surrey, BC V3V 2R7

## Fred Holmes Fuel Injection

100-13571 Verdun Place Richmond, BC V5Y 3T8

**Ph:** 604-273-7700 **Fax:** 604-273-7750 www.fredholmesfuelinjection.com

### FWD Engineering Ltd.

208 - 340 Brooksbank Avenue North Vancouver, BC V7J 2C1

**Ph:** ......604-904-2039

## **FWS Group of Companies**

8668 Commerce Court Burnaby , BC V5A 4N7

### G.L. Garnett Consulting Ltd.

1574 Wilmot Place Victoria, BC V8R 5S4

**Ph:** 250-370-0049 **Fax:** 250-370-0049

#### G.W. Nickerson Co. Ltd.

30-342 Third Avenue West PO Box 8

Prince Rupert, BC V8J 1L5 **Ph:** ......250-624-5233

**Fax:** 250-624-5855

### **Gateway Shipping & Transport**

22 Deville Crescent Kitimat, BC V8C 2K5

**Ph:** 1-250-632-9880 **Fax:** 1-250-632-9885

www.gatewayshipping.ca

### Gearbulk Shipping Canada Ltd.

1410 - 555 West Hastings St. Vancouver, BC V6B 4N4

www.gearbulk.com

### Genesis Maritime (Canada) Ltd.

#5 - 7100 River Road Richmond, BC V6X 1X5

www.genesismaritime.com

#### **Germany - Consulate General**

World Trade Centre 704-999 Canada Pl, Vancouver, BC V6C 3E1 Vancouver, BC V6C 3E1

**Ph:** 604-684-8377

#### Giaschi & Margolis

401 - 815 Hornby Street Vancouver, BC V6Z 2E6

#### Gillespie-Munroe Inc.

1166 Alberni Street Vancouver, BC V6E 1A5

www.gmunroe.ca

### Gisborne Group, The

7476 Hedley Avenue Burnaby, BC V5E 2P9

www.gisborne.com

# Global Agriculture Trans-loading Inc.

11678 - 130th Street Surrey, BC V3R 2Y3

**Ph:** 604-580-1786 **Fax:** 604-580-2786

www.gatloading.com

### Global Port Machinery Ltd.

156-12040 68th Avenue Surrey, BC V3W 1P5

www.globalportmachinery.com

### **Global Underwater Ship Repair**

1618 SE Marine Drive Vancouver, BC V5P 2R6

www.umc-int.com

# Governor Control Sales & Services Ltd.

2992 Nanaimo Street Vancouver, BC V5N 5G3

**Ph:** 604-431-9588 **Fax:** 604-431-9575

www.governorcontrol.com

#### Grain Workers Union - Local 333

2405 E. Hastings Street Vancouver, BC V5K 1Y8

www.geu.ca/728

#### **Gray Line of Vancouver**

255 East 1st Avenue Vancouver, BC V5T 1A7

www.grayline.ca

# **Great Lakes Pilotage Authority**

202 Pitt Street, 2nd Floor P.O. Box 95

Cornwall, ON K6H 5R9

www.glpa-apgl.com

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# Greater Vancouver Gateway Council

800 Robson Street Vancouver, BC V6Z 3B7

**Ph:** 604-682-5330 **Fax:** 604-822-8423

www.gvgc.ca

## Greater Victoria Harbour Authority

189 Dallas Road Victoria, BC V8V 1A1

**Ph:** 250-383-8300 **Fax:** 250-383-8322

www.victoriaharbour.org

### **Greece - Consulate General**

Shipping Department 817-602 West Hastings Street Vancouver, BC V6B 1P2

**Ph:** 604-681-0108 **Fax:** 604-689-0103

www.grconsulate.com

#### **Greenwich Marine Services**

1734 Duncan Drive Delta, BC V4L 1S2

**Ph:** 604-940-0922 **Fax:** 604-940-0926 www.greenwichmarineservices.ca/

# Greenwood Maritime Solutions Ltd.

4022 Rainbow Hill Lane Victoria, BC V8X 0A6

**Ph:** 250-507-8445 www.greenwoodmaritime.com

### Grieg Star Shipping (Canada) Ltd.

9th Floor-1111 West Hastings Street Vancouver, BC V6E 2J3

www.griegstar.com

# Griffin Transportation Services Inc.

1712 Powell Street Vancouver, BC V5L 1H7

### Gulf Ports Association of the Americas

2400 Augusta, Suite 250 Houston, 77057

www.gulfportsaa.com

# Gwil Industries Inc. (dba Gwil Crane Service)

5337 Regent Street Burnaby, BC V5C 4H4

## Haakon Industries (Canada) Limited

11851 Dyke Road Richmond, BC V7A 4X8

**Ph:** .......604-273-0161 **Fax:** ......604-273-4171

www.haakon.com

# **Halifax Port Authority**

P.O. Box: 336 Halifax, NS B3J 2P6

**Ph:** 902-426-8222 **Fax:** 902-426-7335

www.portofhalifax.ca

# Halifax Shipping Association

P.O. Box 1146 Station "M"

Halifax, NS B3J 2X1

www.halifaxshippingassociation.com

### **Hamilton Port Authority**

605 James Street North, 6th Floor Hamilton, ON L8L 1K1

www.hamiltonport.ca

### Hampton Roads Maritime Association

236 E. Plume Street Norfolk, 23510

www.vamaritime.com

### Hanjin Shipping Co. Ltd.

801-750 West Pender Street Vancouver, BC V6C 2T8

www.hanjin.com

# Harbour Authority Association of British Columbia

121 Port Augusta Street Comox, BC V9M 3N8 www.baa.bc.ca

#### Harbour Cruises Ltd.

501 Denman Street Vancouver, BC V6G 2W9

www.boatcruises.com

### **Harbour Link Container Services**

7420 Hopcott Road Delta, BC V4G 1B6

**Ph:** 604-940-5522 **Fax:** 604-940-5511

www.harbour-link.com

# **Harbour Marine Surveyors**

#53-2000 Panorama Drive Port Moody, BC V3J5J5

**Ph:** ......7788815140

#### Harbour Stainless Ltd.

2609 Murray Street Port Moody, BC V3H 1X1

www.harbourstainless.com

## Harlock Murray Underwriting Ltd.

701-890 West Pender Street Vancouver, BC V6C 1J9

Hawaar Cray I I D

Harper Grey LLP 3200 - 650 West Georgia Street

Vancouver, BC V6B 4P7

**Ph:** 604 895 2823 **Fax:** 604 669 9385

### Health Canada - Regional

515 - 757 West Hastings Street Vancouver, BC V6C 1A1

www.hc-sc.gc.c

### Hemmera Envirochem Inc.

200 - 1380 Burrard Street Vancouver, BC V6Z 2H3

**Ph:** 604-669-0424 **Fax:** 604-669-0430

www.hemmera.com

### Heritage Electric Ltd.

12914 61st Avenue Surrey, BC V3X 2H5

**Ph:**.....604-594-5468

### **Hewitt Associates**

P.O. Box 57465, Station A Toronto, ON M5W 5M5

**Ph:** 416-225-5001

www.hewitt.com

### Hiway Refrigeration Ltd.

1462 Mustang Place Port Coquitlam, BC V3C 6L2

www.hiwayrefrigeration.com

### Hong Kong - Canada Business Association

600 - 1285 West Broadway Vancouver, BC V6H 3X8

www.hkcba.com

### Hong Kong Shipowners Association

12th Floor, Queen's Centre 58 Queen's Road East Wanchai, Hong KongHong Kong Postal Code

**Ph:** 852-2520-0206 **Fax:** 852-2529-8246

www.hksoa.org.hk

## Hoqwesa Holdings Ltd.

322 Franks Landing Coal Harbour, BC V0N 1K0

**Ph:** 250-949-7171

### **Houle Electric**

5050 North Fraser Way Burnaby, BC V5J 0H1

**Ph:** 604-434-2681 **Fax:** 604-434-0480

www.houle.ca

## Human Resources and Skills Development Canada

Suite 1400, 300 W. Georgia Street Library Square Office Tower Vancouver, BC V6B 6G3

www.rhdcc-hrsdc.gc.ca

### Human Resources and Skills Development Canada - Ottawa

Phase 2, Place du Portage 165 Hotel-de-Ville St. Gatineau, ON K1A 0J2

**Ph:** \_\_\_\_\_1-800-622-6232

# Hyundai America Shipping Agency (P.N) Inc.

1400-543 Granville Street Vancouver, BC V6C 1X8

**Ph:** 604-601-2900 **Fax:** 604-687-2396

www.hmm21.com

## **IBI** Group

700 - 1285 West Pender Street Vancouver, BC V6E 4V1

**Ph:**.....604-683-8797

#### ICS Petroleum Ltd.

Box 12501

1450 - 1066 West Hastings Street

Vancouver, BC V6E 3X1

www.icspet.com

#### **ILWU Canada**

180 - 111 Victoria Drive Vancouver, BC V5L 4C4

www.ilwu.ca

#### **ILWU Local 508**

9680 Chemainus Highway Chamainus, BC V0R 1K0

**Ph:** ......250-246-3623 **Fax:** ......250-246-2204

# ILWU Ship & Dock Foremen Local 514

4045 First Avenue Burnaby, BC V5C 3R9

**Ph:** 604-298-9684 **Fax:** 604-298-9309

www.ilwu.ca/Local\_514.html

#### ILWU, Local 400

120 - 111 Victoria Drive Vancouver, BC V5L 4C4

**Ph:** 604-251-7174 **Fax:** 604-251-7241

www.ilwu.ca/Local\_400.html

#### ILWU, Local 500

100-111 Victoria Drive Vancouver, BC V5L 4C4

www.ilwu500.org

### ILWU, Local 502

11828 Tannery Road Surrey, BC V3V 3W7

www.ilwulocal502.bc.ca

### IMS Marine Surveyors Ltd.

223-3823 Henning Drive Burnaby, BC V5C 6P3

www.ims-van.com

### IMTARC - Industrial Marine Training & Applied Research Centre

100 Maplebank Road Esquimalt, BC V9A 4M1

www.imtarc.com

### Imtech Marine Canada Inc.

3681 East 1st Avenue Vancouver, BC V5M 1C2

www.radioholland.ca

### Inchcape Shipping Services Inc.

1201-1199 West Hastings Street Vancouver, BC V6E 3N2

**Ph:** 604-684-3750 **Fax:** 604-684-3705

www.iss-shipping.com

#### India - Consulate General

201-325 Howe Street Vancouver, BC V6C 1Z7

www.cgitoronto.ca

#### Indonesia - Consulate General

1630 Alberni Street Vancouver, BC V6G 1A6

**Ph:** 604-682-8855 **Fax:** 604-662-8396

www.indonesiavancouver.org

### Industry Canada - Ottawa

235 Queen Street Ottawa, ON K1A 0H5

**Ph:** 613-954-5031 **Fax:** 613-954-2340

www.ic.gc.ca

## **Inlet Navigation**

PO Box 726

Campbell River, BC V9W 6J3

**Ph:** \_\_\_\_\_\_1-250-287-4311 **Fax:** \_\_\_\_\_1-250-287-4315

www3.telus.net/inletnavigation

# Institute of Chartered Shipbrokers

100-1111 West Hastings Street Vancouver, BC V6E 2J3

**Ph:**.....604-681-2351

www.ics-canada.ca

#### **INTERCARGO**

9th Floor, St. Clare House 30-33 Minories London, UK EC3N 1DD

**Ph:** ..United Kingdom44-20-7977-7030

**Fax:** ......44-20-7977-7031

www.intercargo.org

# Intercruises Shoreside & Port Services

Cruiseship Level 999 Canada Place Vancouver, BC V6C 3E1

www.tms-llc.com

# International Chamber of Shipping

38 St Mary Axe

London, UK EC3A 8BH

**Ph:** ..United Kingdom44-20-7090-1460 **Fax:** ......44-20-7090-1484

www.marisec.org

# International Chartering Services Ltd.

#1450 Oceanic Plaza, 1066 West Hastings Street

PO Box 12501

Vancouver, BC V6E 3X1

http://icsgroup-vcr.com

## International Loss Prevention Systems

10304C 120 Street Surrey, BC V3V 4G1

### International Maritime Centre

c/o Bernard LLP 15th Floor, 570 Granville Street Vancouver, BC V6C 3P1

# International Maritime Organization

4 Albert Embankment London, UK SE1 7SR

**Ph:** ..United Kingdom44-20-7735-7611 **Fax:** ......44-20-7587-3210

www.imo.org

### **International Paint**

304-255 West 1st Street North Vancouver, BC V7M 3G8

www.international-marine.com

### International Sailors' Society

100 - 1111 West Hastings Street Vancouver, BC V6E 2J3

www.sailorssociety.ca

# International Ship-Owners Alliance of Canada Inc.

708 -1112 West Pender St. Vancouver, BC V6E 2S1

**Ph:** ......604-685-3318

www.isacinc.ca

# International Tanker Owners Pollution Federation Ltd.

1 Oliver's Yard 55 City Road

London, UK EC1Y 1HQ

Ph:... United Kingdom44 20 7566 6999

**Fax:** ......44 20 7566 6950

www.itopf.com

## International Trade Canada

Trade Commissioner Service 125 Sussex Drive

Ottawa, ON K1A 0G2

**Ph:** 613-996-1775 **Fax:** 613-996-9265

# International Transport Workers Federation

120 - 111 Victoria Drive Vancouver, BC V5L 4C4

www.itfglobal.org

#### Interocean Steamship Corp.

Suite 688

R142 - 757 West Hastings Street Vancouver, BC V6C 1A1

#### Inter-Oceans Co. Ltd.

671B Market Hill Square Vancouver, BC V5Z 4B5

# Interport Shipwaste Solutions Inc.

1520 Bay Street

North Vancouver, BC V7J 1A1

www.interportshipwaste.com

#### **INTERTANKO**

St. Clare House 30 - 33 Minories

London, UK EC3N 1DD

**Ph:** ..United Kingdom44-20-7977-7010 **Fax:** ......44-20-7977-7011

www.intertanko.com

## InterVISTAS Consulting Inc.

Airport Square, Suite 550 1200 West 73rd Avenue Vancouver, BC V6P 6G5

www.intervistas.com

#### **IOCO Terminal**

Imperial Oil Limited (Esso) 2225 IOCO Road

Port Moody, BC V3H 3C8

www.imperialoil.ca

#### Iron Mountain Welding Ltd.

72 - 13360 116th Avenue Surrey, BC V3R 0R8

#### **ISL Customs Brokers**

#206-75 Front Street Nanaimo, BC V9R 5H9

**Ph:** .......250-754-2305 **Fax:** .....250-754-2544

www.islbroker.com

### Island Shipping Ltd.

206-75 Front Street Nanaimo, BC V9R 5H9

**Ph:** ......1-250-754-2305 **Fax:** .....1-250-754-2544

www.islbroker.com

#### Island Tug & Barge Ltd.

310 - 10991 Shellbridge Way Richmond, BC V6X 3C6

www.islandtug.com

#### J.B. Ellis & Co. Ltd.

1230-1188 West Georgia Street Vancouver, BC V6E 4A2

www.jbellis.com

# Jacksonville Marine Transportation Exchange Inc.

P.O. Box: 350162 Jacksonville, 32235-0162

www.jmtx.org

#### Japan - Consulate General

900- 1177 West Hastings Street Vancouver, BC V6E 2K9

#### John Lewis Associates

11585 Royal Crescent North Surrey, BC V3V 6V5

www.seafire.org

#### JSC Marine Associates Inc.

2 Briarwood Place Port Moody, BC V3H 4G9

#### K Line Canada Ltd.

8730 Stony Point Parkway Suite 400

Richmond, 23235

**Ph:** 604-630-4760 **Fax:** 604-630-1450

www.kline.com

#### K.S. Maude Electric Ltd.

1479 Dominion Street North Vancouver, BC V7J 1B3

**Ph:** 604-985-3105 **Fax:** 604-985-3126

#### **K9 Science Operations Network**

PO Box 31029

Victoria, BC V8N 6J3

**Ph:** 832-248-9484 **Fax:** 250-477-3251

#### **Karlo Corporation**

Line 1 3440 Bridgeways Street Burnaby, BC V5K 1B6

**Ph:** 604-205-5466 **Fax:** 604-205-5488

www.karlogroup.com

#### **Katzie Coast Marine Services**

c/o Canadian Soil Management #202 - 185 Forester St. North Vancouver, BC V7H 0A6

www.coastmarine.ca

#### Kel-Ex Agencies Ltd.

319 Lynn Avenue North Vancouver, BC V7J 2C4

# Kinder Morgan - Vancouver Wharves

1995 West 1st Street North Vancouver, BC V7P 1A8

**Ph:** 604-880-9015 **Fax:** 604-982-7110

### Kinder Morgan - Westridge Marine Terminal

7815 Shellmont Street Burnaby, BC V5A 4J9

www.kindermorgan.com

### King Bros. Limited

401-1208 Wharf Street PO box 577

Victoria, BC V8W 2P5

Ph: ......1-250-384-1653
Fax: .....1-250-382-3231
ww.marinetalk.com/articles-marinecompanies/com/King-Bros-Limited-

KIN010.html

### King Marine Supply Ltd.

6835 Kitchener St. Burnaby, BC V5B 2J8

kingmarine2000@hotmail.com

# Kitimat Economic Development Association

3224 Kalum Street Terrace, BC V8G 2N1

**Ph:** ......250-635-8883

www.ktids.ca

## **Kitimat Shipping Agencies**

c/o G.W. Nickerson Co. Ltd. 30 - 342 3rd Avenue West Prince Rupert, BC V8J 1L5

**Ph:** ......250-624-5233 **Fax:** ......250-624-5855

#### KMarine Consulting Ltd.

5535 Marine Drive West Vancouver, BC V7W2R4

#### Korea - Consulate General

1710 - 505 Burrard Street Vancouver, BC V7X 1M6

www.koreanconsulate.on.ca

## KPI Bridge Oil, Inc.

720 Third Avenue, Suite 1615 Seattle, WA 98104

## Kristian Gerhard Jebsen Skipsrederi A/S

1410 - 555 West Hastings Street Vancouver, BC V6G 2Z6

**Ph:** 604-684-3565 **Fax:** 604-684-5365 www.kgis.no

### **KTL Transport**

8335 Meadow Avenue Burnaby, BC V3N 2W1

**Ph:**.....604-515-4912

### Kuehne + Nagel Ltd.

700 - 535 Thurlow Street Vancouver, BC V6E 3L2

## Lam Marine Supplies Ltd.

765 E. Cordova Street Vancouver, BC V6A 1M2

# Lantic

123 Rogers Street Vancouver, BC V6A 3N2

**Ph:** 604-253-1131 **Fax:** 604-253-2517

www.lantic.ca

# Larkins Marine Surveyors Ltd.

5827 Crscent drive Delta, BC V4K 2E7

### **Latitude Logistics**

37-8111 Saunders Road Richmond, BC V7A 4L9

### LBH Shipping Canada Inc.

Suite 408 - 13383 108 Avenue Surrey, BC V3T 5T6

**Ph:** 604-599-8103 **Fax:** 604-599-8105

www.lbh-group.com

### Leavitt Machinery

2200 Taft Avenue Coquitlam, BC V3K 5Y1

www.leavitt.ca

# Ledcor Resources & Transportation Ltd

1067 West Cordova Street Suite 1200 Vancouver, BC V6C 1C7

www.ledcor.com

### Lehigh Northwest Cement Limited

PO Box 950 7777 Ross Road Delta, BC V4K 3S6

www.lehighnw.com

#### LEI Customs Brokers Inc.

456 Humber Place Annacis Business Park New Westminster, BC V3M 6A5

**Ph:** 604-523-5100 **Fax:** 604-523-5126

www.lei.ca

### Levelton Consultants Ltd.

103-19292 60th Avenue Surrey, BC V3S 3M2

www.levelton.com

### Liftall Equipment Inc.

Suite 400 850 West Ha

850 West Hastings Street Vancouver, BC V6C 1E1

### **Lighthouse Harbour Ministries**

Unit 1 - 260 East Esplanade North Vancouver, BC V7L 1A3

www.sealight.org

## Lions Gate Shipping Ltd.

307-611 Alexander Street Vancouver, BC V6A 1E1

#### Lions Gate Trailers Ltd.

80 Golden Drive Coquitalm, BC V3K 6T1

www.lgtr.com

#### Livingston International Inc.

720-1140 West Pender Street Vancouver, BC V6E 4H5

**Ph:** 604-685-3555 **Fax:** 604-681-8431

www.livingstonintl.com

## Lloyd's Register Canada Ltd.

502-221 West Esplanade North Vancouver, BC V7M 3J3

**Ph:** 604-985-0477 **Fax:** 604-985-0637

www.lr.org

## Loadmaster Marine Ltd.

2592 Belloc Street North Vancouver, BC V7H 1J1

Ph: ......604-929-5976

**Fax:** .......604-929-9452

#### **Locher Evers International**

456 Humber Place

Annacis Island, BC V3M 6A5

**Ph:**.....604-523-5100

# Lorentzen & Stemoco (North America) Shipbrokers Ltd.

210 - 700 Marine Drive

North Vancouver, BC V7M 1H3

www.lorstem.com

## Lynnterm East Gate

15 Mountain Highway North Vancouver, BC V7J 2J9

www.westeve.com

### Lynnterm West Gate

95 Brooksbank Avenue North Vancouver, BC V7J 2B9

**Ph:**.....604-904-2800

www.westeve.com

#### MacAidan Courier

4082 McConnell Court Burnaby, BC V5A 3L8

**Ph:** ......604-421-7150

## MacKenzie Fujisawa

1600-1095 West Pender Street Vancouver, BC V6E 2M6

www.mackenziefujisawa.com

# Maher Terminals Holding Corporation

PO Box 98 3100 Scott Road

Prince Rupert, BC V8J 3P4

www.maherterminals.com

## Malaysia - Consulate General

1805-1111 West Georgia Street Vancouver, BC V6E 4M3

### **Manly Marine Closures**

20 Brooksbank Avenue North Vancouver, BC V7J 2B8

www.manly.com

### Maple Leaf Disposal Ltd.

#### Marco Marine Container Inc.

101 North Victoria Street Vancouver, BC V6B 3Y8

www.marcocontainer.com

## MARENER Engineered Systems

3855 Lozells Avenue Burnaby, BC V5A 2Y9 **Fax:** 902-444-3666

1 dA. ..... 902 +++ 3000

www.polemar.com

# Marine & Industrial Security Services (1987) Ltd.

PO Box 34509-1268 Marine Drive North Vancouver, BC V7P 1T2

**Ph:** 604-985-2738 **Fax:** 604-985-1733

# Marine Design Associaties (Vancouver Ltd)

4489 Stovehaven Avenue North Vancouver, BC V7G 1E7

**Ph:** 604-929-5404 **Fax:** 604-929-5405

### Marine Exchange of Alaska

2 Marine Way, Suite 222 PO Box 21714

Juneau, AK 99801

#### Marine Exchange of Puget Sound

100 W. Harrison Suite S-560 Seattle, WA 98119

**Ph:** 206-443-3830 **Fax:** 206-443-3839

www.marineexchangesea.com

# Marine Exchange of Southern California

3601 South Gaffey St. Building 803 P.O. Box: 1949

San Pedro, 90733

www.mxsocal.org

# Marine Exchange of the San Francisco Bay Region

Fort Mason Center, Building B. Suite 325 San Francisco, CA 94123-1380

**Ph:** ......415-441-6600 **Fax:** .....415-441-3080

www.sfmx.org

# Marine Insurance Association of British Columbia

c/o CNA Canada #225 - 701 West Georgia Street Vancouver, BC V7Y 1K8

**Ph:** 604-247-0406

www.m-i-a-b-c.org

#### Marine Petrobulk

10 Pemberton Street North Vancouver, BC V7P 2R1

www.marinepetrobulk.com

#### Marine Tech Industries Ltd.

12628 - 82nd Avenue Surrey, BC V3W 3G1

www.marine-tech.com

#### Mariner's Medical Clinic

505-1160 Burrard Street Vancouver, BC V6Z 2E8

www.marinersclinic.com

# Maritime Association of the Port of New York and New Jersey

17 Battery Place, Suite 1115 New York, 10004

**Ph:** 212-425-5704 **Fax:** 212-635-9498

www.nymaritime.org

#### Maritime Couriers Int'l Inc.

P.O. Box 3712 Vancouver, BC V6B 3Z1

### **Maritime Education Associates**

8671 King George Highway Surrey, BC V3W 5C4

# Maritime Exchange for the Delaware River and Bay

240 - 242 Cherry Street Philadelphia, 19106-1906

**Ph:** ......215-925-2615 **Fax:** .....215-925-3422

www.maritimedelriv.com

### Maritime Information Services of North America

190-200 SW Market Street Portland, 97201

**Ph:** ......503-228-4631 **Fax:** ......503-295-3660

www.misnadata.org

#### **Maritime Services**

3440 Bridgeway Street Vancouver, BC V5K 1B6

**Ph:** 604-294-3944 **Fax:** 604-294-5679

www.maritimeservices.ca

## Maritime Steamships Assistants Inc.

2111-11871 Horseshoe Way Richmond, BC V7A 5H5

#### Marsh Canada Ltd.

800-550 Burrard Street Vancouver, BC V6C 2K1

www.marsh.ca

#### Martech Polar

563 Caselton Place Victoria, BC V8Z 7Y5

www.martechpolar.com

#### Mason Agency Ltd.

1257-409 Granville Street Vancouver, BC, V6C 1T2

www.masonagency.net

#### Mason Lift Ltd.

1605 Cliveden Avenue Delta, BC V3M 6P7

www.masonlift.com

### **Matson Peck & Topliss**

320 - 11120 Horsoe Way Richmond, BC V7A 5H7

**Ph:** ......604-270-9331

www.mpt.bc.ca

## Maxaam Analytics Inc.

4606 Canada Way Burnaby, BC V5G 1K5

**Ph:** ......604-734-7276

**Fax:**.....604-731-2386

www.maxaam.ca

## McIntyre Winteringham

1501-543 Granville Street Vancouver, BC V6C 1X8

McLarens Brouwer International

510-1100 Melville Street Vancouver, BC V6E 4A6

**Ph:** ......604-681-7107

www.mclarens.ca

### McLean Kennedy Inc.

46181 Reece Avenue Chilliwack, BC V2P 3A8

www.mcleankennedy.ca

# McLean Taylor Marine Surveyors Ltd.

3408 Derbyshire Ave Coquitlam, BC V3E 0G3

www.mcleanmarine.ca

#### **MD Marine Electronics**

11935 73A Avenue Delta, BC V4C 1C7

#### Mega Cranes Ltd.

6330 - 148th Street Surrey, BC V3S 3C4

# Merchants Exchange of Portland Oregon

200 SW Market Street, Suite 190

Portland, 97201

**Ph:** 503-228-4361 **Fax:** 503-295-3660

www.pdxmex.com

## Meridian Marine Industries Inc.

9311 River Drive

Richmond, BC V6X1Z1

**Ph:** ......604-270-2775

www.meridianmarine-inc.com

## Metro Vancouver Container Drayage Association

Suite 188 - 19567 Fraser Highway

Surrey, BC V3S 9A4

**Ph:** 250-864-9990

## MG Engineering Inc.

200 - 1140 West Pender St. Vancouverf, BC V6E 4G1

### Mikado Enterprises Ltd.

701 East Hastings Street Vancouver, BC V6A 1R3

### Miller Thomson, LLP

Robson Court 1000-840 Howe Street Vancouver. BC V6Z 2M1

www.millerthomson.ca

### Mining Association of BC

900 - 808 West Hastings Street Vancouver, BC V6C 2X4

www.mining.bc.ca

#### Mission To Seafarers

401 East Waterfront Road Vancouver, BC V6A 4G9

**Ph:** 604-253-4421 **Fax:** 604-253-0874

www.flyingangel.ca

### **MKY Security Consultants**

10619 137A Street Surrey, BC V3T 4J7

**Ph:**.....604-583-1882

## **Montreal Port Authority**

Cite du Havre, Wing No. 1 Montreal, PQ H3C 3R5

www.port-montreal.com

#### Montship Inc.

800-1111 West Hastings Street Vancouver, BC V6E 2J3

www.montship.ca

#### **Morrow Engineering Ltd**

1409 Bewicke Avenue North Vancouver, BC V7M 3C7

www.morrowengineering.com

#### Mott Electric G.P.

100 - 4599 Tillicum Street Burnaby, BC V5J 3J9

www.mottelectric.com

### Mr. Bin Disposal

6811 Whiteoak Drive Richmond, BC V7E 4Z7

www.mrbingroup.com

#### MSC (Canada) Inc.

Suite 1530 789 West Pender Street Vancouver, BC V6C 1H2

**Ph:** 604-688-9494 **Fax:** 604-688-9499

www.mscgva.ch

### MSS Chartering Ltd.

37-8111 Saunders Road Richmond, BC V7A 4L9

www.msschartering.ca

#### **NAGESCO**

961 West 1st Street North Vancouver, BC V7P 1A4

**Ph:** 604-985-6173 **Fax:** 604-980-4476

www.nagesco.com

#### **Nalfleet Marine Chemicals**

#70-15037 58th Avenue Surrey, BC V3S 8Z5

#### Nanaimo Port Authority

Box 131 100 Port Drive

Nanaimo, BC V9R 5K4

**Ph:** ......1-250-753-4146 **Fax:** .....1-250-753-4899

www.npa.ca

## National Defence - Navy

101 Colonel By Drive Ottawa, ON K1A 0K2

**Ph:**.....613-992-4582

### National Defence (MARPAC HQ) Victoria

P.O. Box: 17000 Station Forces Victoria, BC V9A 7N2

**Ph:** 250-363-5789

www.navy.forces.gc.ca

#### **Natural Resources Canada**

580 Booth Street, 21st Fl. Ottawa, ON K1A 0E4

**Ph:** 613-996-2007 **Fax:** 613-996-4516

## Nautical Institute - British Columbia Branch

c/o Brian Johnston 1837 141 A Street Surrey, BC V4A 6X9 www.nauticalinstitute.ca

# Nautical Professional Education Society of Canada

c/o Semaphore House, 992 Hartford Place North Vancouver, BC V7H 2J7 www.npesc.ca

## Navico Chartering Canada Ltd.

2060 - 555 West Hastings St. Vancouver, BC V6B 4N6

www.navicochartering.ca

# Navitrans Shipping Agencies West Inc.

Suite 200, 3003 St. John's Street Port Moody, BC V3H 2C4

www.navitranscanada.com

#### Navtech Services Inc.

12455 Greenland Drive Richmond, BC V6V 2A7

**Ph:** 604-441-7315

### Neill Marine Electric Ltd.

3011 Underhill Ave Burnaby, BC V5A 3C2

**Ph:** ......604-415-3456

### Neptune Bulk Terminals (Canada) Ltd.

1001 Low Level Road PO Box 86367

North Vancouver, BC V7L 1A7

**Ph:** 604-985-7461 **Fax:** 604-985-8941

www.neptuneterminals.com

#### New Orleans Board of Trade, Ltd.

316 Board of Trade Place New Orleans, 70130

www.nobot.org

## **Newalta Corporation**

300-111 Forester Street North Vancouver, BC V7H 0A6

**Ph:** 604-982-2300 **Fax:** 604-982-2325

www.newalta.com

### Nippon Express Canada Ltd.

7360 River Road

Richmond, BC V6X 1X6

### Nippon Kaiji Kyokai

902 Pender Place, 700 West Pender Vancouver, BC V6C 1G8

www.classnk.or.jp

#### Norcan Fluid Power Ltd.

19650 Telegraph Trail Langley, BC V1M3E5

**Ph:** 604-881-7877 **Fax:** 604-881-7833

### Norsk Pacific Steamship Canada Ltd.

Box 510

Chemainus, BC VOR 1KO

**Ph:** 1-250-246-4471 **Fax:** 1-250-246-4474

### **North Arm Transportation**

2582 East Kent Avenue South Vancouver, BC V5S 2H8

www.northarm.bc.ca

### North Island Agencies Ltd.

2563 South Island Highway Campbell River, BC V9W 2C2

**Ph:** 250-923-2442 **Fax:** 250-923-4357

### North Pacific Fishing Vessel Owners Association

1900 West Emerson Place, Suite 101 Seattle, WA 98119

**Ph:** 206-285-3383 **Fax:** 206-286-9332

www.npfvoa.org

#### North Pacific Shipping Co. Ltd.

1100-900 West Hastings Street Vancouver, BC V6C 1E5

#### **North Shore Pest Control**

4451 Dunbar Street Vancouver, BC V6S 2G4

www.bcpestmgnt.com

## North West Marine Cargo Services Ltd

4023 Wedgewood Street Port Coquitlam, BC V3B 6R4

**Ph:** 604-942-5245 **Fax:** 604-945-3949

## Northcoast Shipping Agency

PO Box 123

Prince Rupert, BC V8J 3P4

**Ph:** 250-624-9668 **Fax:** 250-624-6783

#### Northern Pacific Transload Ltd.

PO Box 248

Prince Rupert, BC V8T 3P6

**Ph:** ......604-514-9193

# Northwest Corridor Development Corporation

Accounting Department P.O. Box 1414

Grande Prairie, AB T8V 4Z2

**Ph:** 1-780-567-4991 **Fax:** 1-780-494-2529

www.nwcorridor.com

## Norton Lilly International Inc.

Suite 800 - 1111 West Hastings Street Vancouver, BC V6E 2J3

www.nortonlily.com

#### Norway - Consulate General

1200 - 200 Burrard Street Vancouver, BC V6C 3L6

www.emb-norway.ca

### **Nowadays Maritime**

255 Newport Drive - Suite #401 Port Moody, BC V3H 5H4

www.nowadays-maritime.com

## **NSI Electronics**

115 - 2323 Boundary Road Vancouver, BC V5M 4V8

**Ph:** 604-294-8844 **Fax:** 604-294-0322

www.nsielectronics.com

### NYK Line (Canada) Inc.

520-900 West Hastings Street Vancouver, BC V6C 1E5

www.nykline.com

#### Oak Maritime (Canada) Inc.

1500-1111 West Georgia Street Vancouver, BC V6E 4M3

## Oasis Marine Services Ltd.

4307 Canada Way Burnaby, BC V5G 1J3

www.oasismarine.ca

### Ocean Agencies Ltd.

34-21704-96 Avenue Langley, BC V1M 0A8

#### Ocean Initiatives BC

4341 Shelbourne Street Victoria, BC V8N 3G4

www.oceanindustriesbc.ca

#### Oldendorff Carriers - Vancouver

553-999 Canada Place Vancouver, BC V6C 3E1

www.oldendorff.com

#### OOCL (Canada) Inc.

PO Box 12111 1560-555 West Hastings Street Vancouver, BC V6B 4N6

www.oocl.com

#### Orkin PCO Services Inc.

7061 Gilley Avenue Burnaby, BC V5J 4X1

**Ph:** 604-434-6641 **Fax:** 604-434-2217

www.pco.ca

## Overseas Container Forwarding Inc.

201 - 2415 Columbia Street Vancouver, BC V5Y 3E7

**Ph:** 604-734-8155 **Fax:** 604-734-0929

# Overseas Merchandise Inspection Company Ltd.

Suite 614-850 West Hastings St. Vancouver, BC V6C 1E1

www.omicnet.com

## Owen Bird Law Corporation

29th Flr, 595 Burrard Street Vancouver, BC V7X 1J5

www.owenbird.com

### Pacific Basin Shipping (Canada) Limited

#1620-1055 West Hastings Guinness Tower

Vancouver, BC V6E 2E9

www.pacbasin.com

## Pacific Cargoworks Inc.

2555 Bronte Drive North Vancouver, BC V7H 1M3

#### Pacific Coast Terminals Co. Ltd.

2300 Columbia Street

Port Moody, BC V3H 5J9

www.pct.ca

209

#### Pacific Elevators Ltd.

1803 Stewart Street Vancouver, BC V5L 5G1

**Ph:** 604-252-2205 **Fax:** 604-684-7106

#### Pacific Marine Services Ltd.

10447 Slatford Street Maple Ridge, BC V2W 1V8

**Ph:** 604-467-2330 **Fax:** 604-467-2370

### Pacific Merchant Shipping Association

Suite 160 World Trade Center 2200 Alaskan Way Seattle, WA 98121

**Ph:** ......206-441-9700 **Fax:** .....206-441-0183

www.pmsaship.com

## **Pacific Navigation Company**

101-2370 West 2nd Avenue Vancouver, BC V6K 1J2

# Pacific Northwest Ship & Cargo Services Inc.

360 - 145 Chadwick Court North Vancouver, BC V7M 3K1

www.pnwship.com

#### Pacific Pilotage Authority

1000 - 1130 West Pender Street Vancouver, BC V6E 4A4

**Ph:** 604-666-6771 **Fax:** 604-666-1647

www.ppa.gc.ca

## Pacific Pilotage Authority

211 Dallas Road Victoria, BC V8V 1A1

**Ph:** 1-250-363-3878 **Fax:** 1-250-363-3293

### Pacific Rim Stevedoring

9560 Alaska Way Delta , BC V4C 4R8

**Ph:** 604-585-7961 **Fax:** 604-926-9607 www.fsd.bc.ca/stevedoring.html

# Pacific States/British Columbia Oil Spill Task Force

P.O. Box: 1032

Neskowin, 97149-1032

**Ph:** ......503-392-5860

www.oilspilltaskforce.org

## Pacific Towing Services Ltd.

14 Orwell St.

North Vancouver, BC V4C 7P3

**Ph:** 604-990-0591 **Fax:** 604-990-0593

## **Pacific Transportation Group**

9975 - 199B St.

Langley, BC V1M 3G4

**Ph:**.....604-888-2928

## Panalpina Inc.

1400 - 1100 Melville Street Vancouver, BC V6F 4A6

www.panalpina.com

## Pangea Logistics Inc.

Suite 320 - 555 West Georgia Street Vancouver, BC V6B 1Z6

www.pangealogistics.com

## **PBB Global Logistics**

PO Box 40

Fort Erie, ON L2A 5M7

**Ph:**.....1-800-567-7123

# Peninsula Waste Water Services Ltd.

825 Admirals Road Victoria, BC V9A 2P1

**Ph:** 250-380-0436 **Fax:** 250-280-0437

www.pwws.ca

#### Petromedia Pte Ltd

c/o Sustainable Shipping & Bunkerworld 816 - 675 West Hastings Street Vancouver, BC V6B 1N2

**Ph:** 604-692-2552 **Fax:** 604-608-3360

www.bunkerworld.com

## **Philippines - Consulate General**

1405 - 700 West Pender Street Vancouver, BC V6C 1G8

**Ph:** 604-685-7645 **Fax:** 604-685-9945

#### Phoenix Marine Services Inc.

3816 Old Clayburn Rd. Abbotsford, BC V3G 1H8

www.phoenixmarine.ca

#### **Pickering Safety**

Unit B2-5279 Still Creek Avenue Burnaby, BC V5C 5V1

www.pickeringsafety.com

#### Pitcairn Enterprises Ltd.

4663 McNair Place North Vancouver, BC V7K 2X7

#### Plimsoll Club

100 - 1111 West Hastings Street Vancouver, BC V6E 2J3

www.plimsollclub.ca

### Point Hope Maritime Limited

345 Harbour Road Victoria, BC V9A 3S2

www.pointhopemaritime.com

## Pope & Talbot Ltd.

1000 Wave Place, P.O. Box 1800 Nanaimo, BC V9R 5M5

**Ph:** 1-250-722-4284 **Fax:** 1-250-722-4330

## Port Alberni Port Authority

2750 Harbour Road Port Alberni, BC V9Y 7X2

**Ph:** 1-250-723-5312 **Fax:** 1-250-723-1114

www.alberni.net.harbour

### Port Alberni Shipping Co. Ltd.

3767-10th Avenue Port Alberni, BC V9Y 4W5

**Ph:** ......1-250-723-7373

**Fax:** ......1-250-723-4585

## Port Metro Vancouver - Vancouver

100 The Pointe 999 Canada Place

Vancouver, BC V6C 3T4 **Ph:** .......604-665-9000

**Fax:** .....1-866-284-4271

www.portvancouver.com

#### Port of Hope Ministries Canada

PO Box 621, 8870 Glover Road Fort Langley, BC V1M 2R9

**Ph:** 360-988-0864

#### Port of Seattle

Pier 69

P.O. Box: 1209 Seattle, WA 98111

**Ph:** 206-728-3523 **Fax:** 206-728-3280

www.portseattle.org

#### Port Quebec

150 Dalhousie Street P.O. Box: 80 Station Haute-Ville

Quebec, PQ G1R 4M8 **Ph:** ......418-648-3640

**Fax:** ......418-648-4160

## Prince Rupert Grain Ltd.

PO Box 877 Ridley Island

Prince Rupert, BC V8J 3Y1

**Ph:** 1-250-627-8777 **Fax:** 1-250-627-8541

www.rupertport.com/princerupertgrain. htm

### **Prince Rupert Port Authority**

200 - 215 Cow Bay Road Prince Rupert, BC V8J 1A2

**Ph:** ......1-250-627-8899 **Fax:** .....1-250-627-8980

http://www.rupertport.com

#### Princess Cruises Inc.

PO Box 1120 Station A. Vancouver, BC V6C 2T1

**Ph:** 604-685-0454 **Fax:** 604-684-4801

www.princess.com

#### ProPacific Marine Corp.

251-6875 121 Street Surrey, BC V3W 1C2

www.propacificsurvey.com

# Public Health Agency of Canada (PHAC)

Quarantine Services - Western Zone PO Box 23671

Richmond, BC V7B 1X8

www.phac-aspc.gc.ca

#### Quantum Harbour Services Inc.

100 - 3600 Viking Way Richmond, BC V6V 1N6

#### Quantum Remediation Inc.

100 - 3600 Viking Way Richmond, BC V6V 1N6

**Ph:** 604-270-7388 **Fax:** 604-270-7389

www.quantummurray.com

## **Québec Port Authority**

150 Dalhousie Street PO Box 2268

Québec, PQ G1K 7P7

**Ph:**.....418-648-3640

www.portquebec.ca

### **Quickload Transloading Services**

1220 Ridley Island P.O. Box 22021

Prince Rupert, BC V8J 4P8

**Ph:** 250-627-5623 **Fax:** 250-627-5624

www.quickloadlogistics.com

#### R.E.W. Consultants

733 Clearwater Way Coquitlam, BC V3C 5Z7

#### Radius Transport Ltd.

#206 9780 197B Street Langley, BC V1M 3G3

**Ph:** ......604-882-0010

www.radiusvancouver.com

## Railway Association of Canada

99 Bank Street, Suite 1401 Ottawa, ON K1P 6B9

**Ph:** .......613-567-8591 **Fax:** ......613-567-6726

www.railcan.ca

#### **Ratel Mobile Communications**

8123 Main Street

Vancouver, BC V5X 3L2

**Ph:** 604-323-8766 **Fax:** 604-323-8661

www.ratelmobile.com

### **Ray-Mont Logistics**

15900 River Road Richmond, BC V6V 1L5

#### **RBM HoldSolutions**

101- 2762 190th Street Surrey, BC V3S 3W6

www.holdsolutions.com

#### **RCMP**

NCO i/c Crime Prevention/Community Policing 147 Fast 14th Street

14/ East 14th Street

North Vancouver, BC V7L 2N4

**Ph:**.....604-985-1311

#### Reagle Terminals Inc.

13911 Garden City Road Richmond, BC V7A 2S5

**Ph:** 604-241-2299 **Fax:** 604-241-2276

#### **Reimer Express Lines**

3985 Still Creek Avenue Burnaby, BC V5C 4E2

www.yrc.com

## Retail Council of Canada

800-1255 Bay Street Toronto, ON M5R 2A9

www.retailcouncil.org

#### **Richardson International Limited**

375 Low Level Road

North Vancouver, BC V7L 1A7

**Ph:** 604-987-8855 **Fax:** 604-987-0679

www.jri.ca

### Ridley Terminals Inc.

PO Bag 8000 Ridley Island

Prince Rupert, BC V8J 4H3

**Ph:** 1-250-624-9511 **Fax:** 1-250-624-4990

www.rti.ca

### Rio Tinto Alcan Primary Metal BC

P.O. Box 1800 1 Smeltersite Road

Kitimat, BC V6C 2H2

**Ph:** 250-639-8000 **Fax:** 250-639-8427

www.riotintoalcaninbc.com

# RMS Cruise c/o Rupert Marine Shipping

P.O. Box 968

Prince Rupert, BC V8J 4B7

**Ph:** (250) 624-5339 **Fax:** (250) 624-4329

#### Robert Allan Ltd.

230-1639 West 2nd Avenue Vancouver, BC, V61 1H3

www.ral.bc.ca

## Robert Reford Inc.

Suite 800

1111 West Hastings Street

Vancouver, BC V6E 2J3

www.robertreford.com

#### Ross Morrison Electrical

3950 East 1st Avenue Burnaby, BC V5C 3W2

www.rmelectric.com

#### Rozario Marine Ltd.

11174 - 86th Avenue Delta, BC V4C 2W5

## **Rupert Marine Shipping**

PO Box 968

239 - 4th Avenue East Prince Rupert, BC V8J 4B7

**Ph:** 1-250-624-5339 **Fax:** 1-250-624-4329

#### Safeport Marine Services Ltd.

7901 Claremont Place Burnaby, BC V5A 4J3

www.safeport.ca

#### Saga Forest Carriers Intl AS

P.O. Box 36558 Seafair Postal Outlet Richmond, BC V7C 5M4

**Ph:** 604-684-7242 **Fax:** 604-684-7240

www.sagafc.com

## Samson Tug Boats Inc.

Suite 390, 5158-48th Avenue Delta, BC V4K 5B6

**Ph:**.....604 582 5110

www.samsontugboats.com

### Schenker of Canada Ltd

3A-1030 West Georgia Street Vancouver, BC V6E 2Y3

www.dbschenker.ca

### Sea Speed Logistics Inc.

1-14191 Burrows Road Richmond, BC V6V 1K9

# Seaboard International Shipping Company Ltd.

3rd Floor-20 Brooksbank Avenue North Vancouver, BC V7J 2B8

**Ph:** 604-980-1113 **Fax:** 604-980-1951

www.seaboardintl.com

### **Seabridge Marine Services**

305B - 1549 Marine Drive West Vancouver, BC V7V 1H9

www.seabridgemarine.com

### Seabulk Systems Inc.

10271 Shellbridge Way Suite 150 Richmond, BC V6X 2W8

www.seabulk.com

# Seafarers International Union of Canada

Suite 301

1620 West 8th Avenue Vancouver, BC V6J 1V4

www.seafarers.ca

## SeaFire Training Ltd.

11585 Royal Crescent North Surrey, BC V3V 6V5

www.seafire.org

## **Seaspan Ferries Corporation**

7700 Hopcott Road Delta, BC V4G 1B6

www.seaspan.com/seaspanferries/

### **Seaspan Marine Corporation**

10 Pemberton Avenue North Vancouver, BC V7P 2R1

www.seaspan.com

## **Seaspan Marine Corporation**

10 - 203 Harbour Road Victoria, BC V9A 3S2

**Ph:** 1-250-920-7924 **Fax:** 1-250-920-7925

www.seaspan.com

## **Seaspan Marine Corporation**

10 Pemberton Avenue North Vancouver, BC V7P 2R1

### Seaspan Ship Management Ltd.

2600-200 Granville Street Vancouver, BC V6C 1S4

**Ph:** 604-638-2575 **Fax:** 604-638-2595

#### Seatech Systems Integration Inc.

7221 Stride Avenue Burnaby, BC V3N 1V1

#### Securiguard Services Ltd.

300-1575 West Georgia Street Vancouver, BC V6G 2V3

**Ph:** 604-685-6011 **Fax:** 604-685-0013

www.securiguard.com

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www.selectfluid.com

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www.senes.ca

#### SGS Canada Inc.

PO Box 1082

Prince Rupert, BC V8J 4H6

**Ph:** 1-250-624-9745 **Fax:** 1-250-627-8437

# SGS Canada Inc. (Agriculture Inspection Services Division)

#203-950 Powell Street Vancouver, BC V6A 1H9

www.sgs.ca

# Shadow Lines Transportation Group

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www.shadowlines.com

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www.shell.ca

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201 Kensington Burnaby, BC V5B 4B2

## Ship Shape Consulting

PO Box 35

Fort Fraser, BC V0J 1N0

**Ph:** 250-600-6100

## Shipowners Assurance Management

44 Georgia Wynd Delta, BC V4M 1A5

**Ph:**.....604-943-3387

## **Shipping Federation of Canada**

300 St. Sacrement St., Suite 326 Montreal, PQ H2Y 1X4

www.shipfed.ca

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379 - 192 Street Surrey BC, BC V4P 1M7

**Ph:** ......604-541-1387

www.sidewindermarine.com

#### Simard Westlink Inc.

16062 Portside Road Richmond, BC V6W 1M1

**Ph:** .......604-231-8756 **Fax:** ......604-231-9756

www.simard.ca

#### Simark Controls Ltd.

Unit 107 7088 Venture Street Delta, BC V4G 1H5

www.simarkcontrols.com

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515 West Hastings Street Vancouver, BC V6B 5K3

**Ph:**.....778-782-3111

www.sfu.ca

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1485 Lindsey Place Delta, BC V3M 6V1

www.simplexgrinnell.com

# Simpson, Spence & Young (Canada)

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www.ssycanada.com

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**Ph:** 604-669-5115 **Fax:** 604-669-5153

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End of Alcan Road Kitimat, BC V8C 2G7

www.smit.com

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Prince Rupert, BC V8J 3P4

www.smit.com

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www.smit.com

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**Ph:** 604-251-0230 **Fax:** 604-255-9322

www.smit.com

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**Ph:** 604-255-1133 **Fax:** 604-251-0213

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www.smithbarristers.com

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www.snclavalin.com

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**Ph:** 418-648-4572 **Fax:** 418-648-4627

www.st-laurent.or

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**Ph:** .......250-361-1556 **Fax:** ......250-361-1595

### South Fraser Container Services Ltd.

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**Ph:** 604-940-6938 **Fax:** 604-940-4926

www.southfraser.ca

## Sperry Marine Canada Ltd.

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www.sperry-marine.com

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www.sqterminals.com

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www.slcg-toronto.com

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Burnaby, BC Postal Code

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www.chevron.ca

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#### Startech Marine Services Inc.

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**Ph:** 604-988-1158 **Fax:** 604-988-1158

www.startechmarine.ca

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www.strongco.com

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www.svitzer.com

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www.tdklogistics.com

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www.thaicongenvancouver.org

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Investigations Operations Directorate, Inv. Marine

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www.transtrade.ca/tts.html

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www.ttlogistics.ca

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www.westcoasttug.ca

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Burnaby, BC V5C 5P2

www.wcmrc.com

# Western Canadian Shippers Coalition

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North varicouver, DC V/3 239

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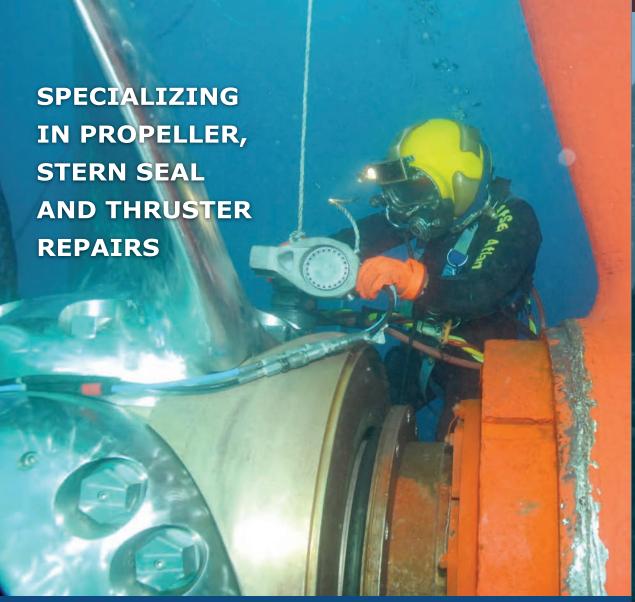
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Marine Policing			
	Vancouver Police	RCMP Marine	RCMP
	Department	Detachment	Detachment
	604-717-2791	250-754-2345	250-627-0700
Transport Canada Pacific Region			
Marine Safety	604-666-5300	Nanaimo	250-627-3045
		250-754-0244	
		Victoria	
		250-363-0397	
Dangerous Goods	604-666-2955		
Canadian Transport Emergency Centre	613-996-6666		
Harbours, Ports and Environmental Services	604-666-5369		
Marine Medicals	1-866-577-7702		
Navigable Waters Protection	1-877-842-5606		
Office of Boating Safety	604-666-2681		
Vessel Registration	1-877-242-8770		
Washington State Maritime Cooperative			
24 hours		206-448-7557	
Western Canada Marine Response Corporation			
Lower Mainland		604-294-9116	