



Port updates

North Shore Community Liaison Committee meeting | December 8, 2022

Business update

September 2022 year-to-date

	Total cargo	Auto	Coal	Grain	Potash	Foreign breakbulk	Container TEUs	Cruise*
2022 YTD								
Compared to 2021	-7%	-13%	13%	-47%	12%	13%	-3%	-26%*

* Cruise volumes are compared to 2019 actuals.

- Increases over 2021 seen in coal (13%), potash (12%), sulphur (19%), petroleum products (8%), chemicals (6%) and foreign breakbulk (13%).
- Declines in autos (-13%), grain (-47%), and container TEUs (-3%).

General updates

2022 cruise season wraps up

- The final cruise ship of the 2022 season, the Crown Princess, departed from the Canada Place terminal on November 2, marking the end of a [record comeback year for Canada's west coast cruise industry](#).
- The Port of Vancouver welcomed a record 306 cruise ship visits in 2022, an increase of 6% compared to 2019.
- While passenger numbers were lower in 2022, as expected, as people slowly returned to their pre-pandemic travel habits, occupancy levels gradually increased throughout the season and are projected to average approximately 70% for the year. This will mean approximately 815,000 passenger visits Vancouver in 2022, compared to approximately 1.1 million in 2019.
- In 2022, nearly 70% of cruise calls were shore power enabled, compared to 50% in 2019. Demand for shore power has steadily increased since 2009, when the Port of Vancouver became the first port in Canada and the third in the world to introduce it. The technology enables ships to shut down their diesel-powered auxiliary engines and plug into land-based electrical power.
- Shore power at the Port of Vancouver has helped reduce port-related greenhouse gas emissions by more than 25,000 tonnes since 2009.



Port authority-led ECHO Program celebrates record-breaking participation in voluntary efforts to protect southern resident killer whales

- During this year's seasonal measures, which ran from June 1 to October 31, a record-breaking 86% of all large commercial ships slowed down or stayed distanced while transiting through key areas of southern resident killer whale critical habitat at Swiftsure Bank, Haro Strait and Boundary Pass, and the Strait of Juan de Fuca. Altogether, more than 80 marine transportation organizations participated in these measures, which covered nearly 80 nautical miles of the Salish Sea.
- Notably this year, in the ECHO Program's lateral displacement for tugs in the Strait of Juan de Fuca, tug operators participated at a record-breaking rate of 97%—a 9% increase from the previous record of 88%—while in the Haro Strait and Boundary Pass slowdown, a record-breaking 93% of large commercial ships slowed down while transiting through this known area of importance to southern resident killer whales.
- In the Swiftsure Bank slowdown trial, which was expanded this year to include both the inbound and outbound shipping lanes, 82% of all large commercial ships slowed down while transiting through this known southern resident killer whale foraging area. The ECHO Program gives special thanks to the Makah Tribe and Pacheedaht First Nation, who were key partners in the development and implementation of safe ship slowdown practices through this important area.
- In 2021, as a result of the strong participation rates in the ECHO Program's voluntary measures, underwater sound intensity was reduced by up to 55% in key foraging areas for the southern resident killer whales. In spring or summer 2023, the ECHO Program will publish results on the underwater sound intensity reductions achieved as a result of its 2022 measures.
- For more information:
[ECHO Program](#)
[Map of ECHO Program's 2022 seasonal initiatives](#)
[List of participating marine transportation organizations](#)

Christmas at Canada Place

- This holiday season, join us for the annual [Christmas at Canada Place](#), presented by the Port of Vancouver from December 2 to January 2. Experience the nostalgic tradition of the Woodward's Windows, Canada's North light display including "Chrimoose," our 15-foot tall moose light sculpture, the iconic Sails of Light, and the festive Avenue of Trees at this free, family-friendly event.
- On December 2 and 3, Best Buy will be lighting up the skies with Canada's biggest drone show at Canada Place.
- With over 300 drones moving in synchronization, the breath-taking spectacle will be the biggest of its kind in Canada and tell a holiday story. Join us for this free, family-friendly event on the west promenade and North Point of Canada Place.



Active Vessel Traffic Management Program update

- Phase three of engagement was held from November 1 to 30, 2022.
- The port authority invited the public to learn more about the AVTM program, provide feedback on the draft anchorage code of conduct, and our approach to information sharing and complaint resolution, and ask questions of the AVTM Program team.
- An online information session and open houses were held on Pender Island and in Cowichan Bay and Ladysmith. Representatives from Transport Canada, Pacific Pilotage Authority, and Canadian Coast Guard were also in attendance.
- We will summarize the feedback and share it with the community in December 2022.
- Learn more about the project at portvancouver.com/avtmengagement

Bill C-33: Strengthening the Port System and Railways Safety Act

- On November 17, the Minister of Transport introduced the [Strengthening the Port System and Railway Safety Act](#) in the House of Commons.
- The Act is an outcome of two concurrent reviews – the Railway Safety Act Review and Ports Modernization Review that were initiated in 2017 and 2018, respectively.
- This legislation is just one part of the Ports Modernization Review; other changes (amalgamation, jurisdictional changes, etc.) may occur through regulation and updates to the letters patent.
- The Act contains proposed amendments to existing legislation to modernize the way Canada's marine and rail transportation systems operate. The includes:
 - Customs Act
 - Railway Safety Act
 - Transportation of Dangerous Goods Act
 - Marine Transportation Security Act
 - Canada Transportation Act
 - Canada Marine Act

Tenant-led/other projects

Seaspan Vancouver Drydock Waterlot Expansion

Permit under review – Category C

- No new updates at this time.
- Public engagement activities took place over the summer of 2021.
- Based on feedback from the public, the port authority requested that the applicant perform supplementary public engagement focused on proposed mitigations.
- The application was placed on hold from December 2021 until July 2022 while Seaspan prepared for the supplementary engagement process.
- The supplementary public engagement period on the proposed mitigations commenced June 23, and completed on September 14, 2022.
- The applicant will produce an engagement summary and consideration report shortly.

Sesapan ULC – Ship Load-out Gravel Bed and Shoreline Protection

Permit amendment issued – Category C. Construction status: Ongoing

- No new updates at this time.
- In May 2022, a permit amendment was issued to Seaspan ULC. The amendment approved the request to extend the expiration date for the works to December 31, 2024.
- The permit holder requires additional time to finalize design specifications and to complete shoreline protection berm replacement. The scope of the project remains unchanged.

Seaspan ULC – Outfitting Pier Extension

Permit issued – Category C. Construction status: Ongoing

- No new updates at this time.
- On October 22, 2021, a project permit was issued to Seaspan ULC to demolish, rebuild and extend an outfitting pier at the Vancouver Shipyards, located at 10 Pemberton Avenue, North Vancouver, British Columbia on federal lands and waters managed by the Vancouver Fraser Port Authority.

- The project was approved subject to [47 permit conditions](#) that Seaspan ULC must meet to ensure the project does not result in significant adverse environmental effects.

Seaspan ULC – Mooring Piles at Pier 94

Permit amendment under review – Category B

- In November 2022, Seaspan ULC submitted a request to amend the expiry date of the permit. The request is to extend the expiry date for works associated with the applicant's project that will provide additional moorage for transient marine equipment at their Pier 94. The project is located at 3 St. Andrews Avenue in the City of North Vancouver.
- This project was previously approved, and the applicant is requesting an extension to the validity period – an additional 2 years.
- As part of the [Project and Environmental Review](#) for the proposed project under the Impact Assessment Act, the proposed project was posted on the [Canadian Impact Assessment Registry](#) with an opportunity for public comment between November 1 and November 30, 2022.
- The scope of work involves relocating the existing fixed barge to an alternate mooring location until it can be repurposed, removing three existing steel-piled dolphins including their timber fenders, and installing seven new 1,067 millimetre diameter cantilevered steel mooring piles.

Richardson Railyard Expansion

Permit issued – Category C. Construction status: Ongoing

- No new updates at this time.
- On May 11, 2022, Richardson was issued a [project permit](#) to undertake a railyard expansion of their North Vancouver terminal located at 300 and 375 Low Level Road.
- The project was approved subject to [47 permit conditions](#) Richardson must meet to ensure the project does not result in significant adverse environmental effects.
- Construction is expected to take approximately 20 weeks.
- More information: visit the project page on Richardson's [website](#).

Neptune Bulk Terminals – Dumper 2 Potash Replacement

Permit issued – Category B

- On October 6, 2022 a project permit was issued to Neptune to develop the Dumper 2 Potash Replacement Project located at Neptune Bulk Terminals at 1001 Low Level Road in the City of North Vancouver.
- As part of the [Project and Environmental Review](#) for the proposed project under the Impact Assessment Act, the proposed project was posted on the [Canadian Impact Assessment Registry](#) with an opportunity for public comment between June 16 and July 15, 2022.
- Neptune is proposing to replace one of two existing potash rail dumper receiving and conveyor systems located at the south east corner of their terminal (immediately north of Berth 3). Potash Dumper No. 2 is reaching the end of its service life and requires a replacement that will match the increased dumper capacity as Potash Dumper No. 1, which was refurbished in 2010.
- As part of the project, the dumper hopper is to be extended approximately 6 metres towards the north east for positioning and unloading of up to 3 rail cars at a time. Overall terminal throughput is not anticipated to increase as a result of the project and there is no anticipated change in rail or vessel traffic.
- The total land-based footprint includes an area of approximately 2000 square metres with the majority of the excavation to a depth of 7 metres and up to a depth of 12 metres.
- Work is anticipated to commence Q1/Q2 of 2024 and is expected to occur over a period of approximately 10-15 months.

Upland Owner – New Recreational Dock

Permit under review – Category B

- No new updates at this time.
- In August 2022, the upland owner at 4776 Eastridge Road, District of North Vancouver submitted a project permit application to develop a fixed dock and access ramp at 4776 Eastridge Road in the District of North Vancouver on federal lands and waters managed by the port authority.
- As part of the [Project and Environmental Review](#) under the *Impact Assessment Act*, the proposed project was posted on the [Canadian Impact Assessment Registry](#) with an opportunity for public comment between August 4 and September 2, 2022.
- Should the Project Permit be approved, construction would begin shortly thereafter and take approximately two months to complete.

For more information about these and other projects happening in the Port of Vancouver:

- [Port authority-led infrastructure projects](#)
- Other projects in the port - [Status of permit applications](#)