



Port updates

East Vancouver Port Lands and Liaison Committee meeting | October 6, 2021

General updates

Port of Vancouver performance: 2021 year-to-date

- From January 1 to June 30, 2021, overall cargo volumes through the port **reached a record high** of 76.4 million metric tonnes (MMT)
- **Overall cargo** up 7%, an increase to 76.4 MMT compared to mid-year 2020
- **Container quantities increased** 24% to 1.9 million TEUs. Import quantities increased 20% to 989,442 TEUs. Export quantities increased 29% to 954,650 TEUs
- **Breakbulk cargo** increased 36% to 10.0 MMT. Log volumes increased 60%, while wood pulp decreased 6% compared to 2020
- **Bulk dry cargo** increased 6%. Coal volumes increased 7% and grain volumes are up 20%, potash is up 0.3% and sulphur is down 20%
- **Bulk liquid** tonnage down by 18% over mid-year 2020 due to a 24% decrease in petroleum products and a 7% decrease in chemicals



B.C. interior wildfires

- Rail disruptions due to B.C. interior wildfires occurred throughout July and August disrupting rail services to and from the west coast
- The Ministerial Order declared July 11 continues to remain in effect until October 31, 2021 and includes rail operational restrictions such as reduced speed limits and fire mitigation measures required under specific weather conditions
- The provincial state of emergency effective July 21 expired September 14
- On dock import rail volumes processing was consistent throughout August leading to fewer vessel delays and lower anchorage demand
- The port authority issued 22 operations update communications to industry regarding the rail disruptions due to wildfires

Global container supply chain stresses continue

- Worldwide container vessel and equipment shortages continue to stress the global supply chain. August saw no relief in sky-high carrier demand and freight rates as COVID breakouts at key ports in China and Vietnam, as well as extreme weather events forced carriers to skip ports of call to avoid further sailing delays
- Despite these ongoing stresses to the global network many ports are on target to report record container volume handlings as the surge driven by consumer demand is expected to continue into 2022

Cruise resumption

- On July 15, the Minister of Transport, the Honourable Omar Alghabra, announced that, as of November 1, 2021, the prohibition of cruise ships in Canadian waters would no longer be in effect if operators are able to fully comply with public health requirements
- We welcome the announcement from Transport Canada on the lifting of the prohibition of cruise ships in Canadian waters effective November 1, 2021 and look forward to welcoming cruise guests back to Vancouver
- As always, we remain committed to the safety of local communities and visitors in Vancouver and the rest of British Columbia. We will continue to work together with all levels of government, communities, industry, destination and cruise partners to ensure a safe experience for passengers and the community and a successful restart of the cruise season in Vancouver

Quay cranes arrived at Centerm

- Last month, two new quay cranes arrived at the Port of Vancouver. The cranes were destined for Centerm, and were purchased by DP World as part of the terminal expansion project
- These new quay cranes, which will replace two older quay cranes, are installed over the full length of the berth in the western expansion area – the new land built as part of the Centerm Expansion Project. The new larger cranes at the berth will be used for offloading container ships.
- Interesting facts about quay cranes:
 - Can reach the full width of 23 containers wide vessels
 - Can lift containers as high as 47 metres
 - Were built in Shanghai, China
 - Are equipped with the latest state-of-the-art equipment and control systems

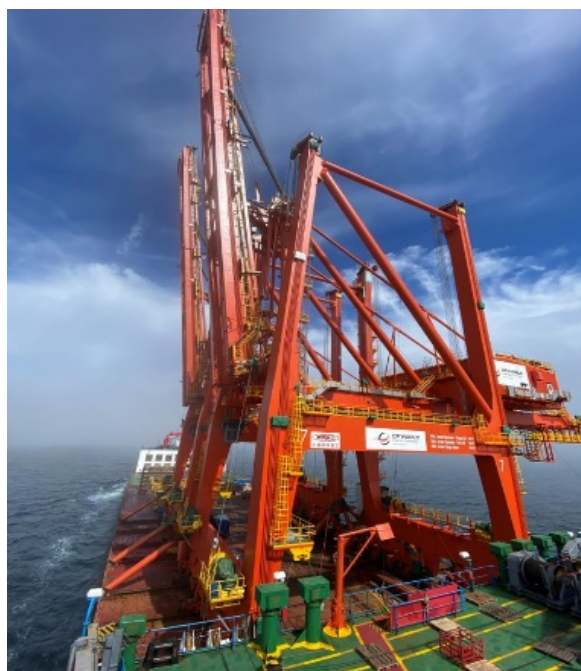


Photo credit: BC Coast Pilots

Port authority-led projects

Centerm Expansion Project and South Shore Access Project

- The Centerm Expansion and South Shore Access Project received a project permit from the port authority in April 2018, with construction starting in 2019. The current project permit will expire on April 30, 2022, and we are seeking an amendment to extend the project permit up to April 30, 2023
- We are requesting an extension to our project permit to complete some construction activities associated with the project before the project can be deemed complete
- There are many challenges and complexities on a project this large, and we are progressing work as safely and efficiently as possible
- As part of the port authority's permit amendment review process, a notice will be posted on the Impact Assessment Agency website and a 30-day public comment period will be held
- On April 13, 2021, an [amendment](#) was approved by the Vancouver Fraser Port Authority to allow for on-terminal construction works continuously (24 hours, 7 days a week) for the period from May 1, 2021 to October 31, 2021.

Construction update

- The second phase of construction for the north yard reconfiguration is now underway. It should be completed and handed over to the terminal operator, DP World, later this year
- Work on the rail beam for the new electric rail-mounted gantry cranes was completed in early July to accommodate the arrival of the new rail-mounted gantry cranes
- Quay crane delivery at the terminal arrived in early September
- The Centennial Road overpass opened to truck traffic on July 4. Construction to the east, west and under the new overpass will continue, and traffic impacts to trucks and vehicles on port roads can be expected during that time
 - Demolition of the Heatley Avenue overpass began on July 4, 2021 and closed to all vehicular traffic in mid-August 2021. Pedestrian and cyclist traffic will be restricted in February 2022
 - The Stewart Street overpass opened to container truck traffic in both directions on June 13, 2021



Commissioner Street Road Realignment Project

- On June 18, 2021, the project team received approval to conduct certain construction activities outside of regular working hours from late June to October 2021. The amended project permit can be found [here](#)
- A notification letter and construction schedule (outlining the proposed construction activities, mitigation measures, and what to expect) was distributed by mail drop to Burrardview neighbourhood on June 25, 2021
 - During this period, some low impact construction activities will take place overnight Monday to Saturday, and on Sunday between 7:00 a.m. and 8:00 p.m. General construction work will take place during the day, Monday to Saturday between 6:00 a.m. and 10:00 p.m., and on Sundays between 7:00 a.m. and 8:00 p.m. A detailed construction schedule can be found [here](#)
- On September 17, 2021 an email was sent to EVPL to notify that work on September 30, 2021 is anticipated, as the federal holiday was announced after the construction schedule was finalized
- On September 29, 2021 an email was sent to EVPL to request to undertake the following low-impact construction activities on Thanksgiving Monday, October 11, 2021 from 7:00 a.m. to 8:00 p.m.:

- Bypass pumping – *minimal noise*
- Grouting – *almost silent*
- Liner welding inside buried pipe - *almost silent, small generator running at grade*
- Test ball installation and air compressor running - *minimal noise*

The proposed work would take place within the blue circled areas below:



- The project team’s goal is to complete all construction activities before the end of the year, and the contractor is requesting to work on the holiday in order to complete a few remaining key activities that need to be done before heavier and more frequent rains start, as inclement weather could lead to further project delays
- The project team will provide a brief presentation and be available for questions at the EVPL meeting on October 6, 2021. The presentation will be distributed to EVPL members on Friday, October 1, 2021 and we invite you to share any feedback or questions in advance of the meeting. Feedback can be emailed directly to tessa.battimelli@portvancouver.com

Columbia Containers Ltd. shoreline protection and rehabilitation project

PER Category B / Green

- The first phase of construction is complete. The second phase started the first week of September and is anticipated to be complete by the first week of December.
 - The second phase will include the excavation and removal of debris, rock and rubbish from the shoreline followed by placement of new clean rock on the shoreline. The project will be carried out primarily via marine based equipment, including a materials barge, a barge mounted crane, and tugs to assist in barge movement. Minimal land-based works will require the use of an excavator, crane, and loader.
 - The barge-mounted crane may exceed a height of 17 metres, but will be removed once the works are complete.
 - Noise levels from construction work are not expected to exceed those of the day-to-day operation of the nearby Columbia Containers Ltd. facility.
 - Night-time works are permitted but not anticipated at this time.
- Construction notification was distributed to nearby residences and businesses on September 8, 2020, and on August 16, 2021.
- More information about the project can be found [here](#)

Sterling Shipyard remediation and infill

PER Category C / Yellow

- Project details available on the [permit application page](#), as well as in the attached presentation

- The project team will be presenting and answering questions at the EVPL meeting on October 6, 2021

Other projects taking place in the Port of Vancouver

Cascadia Terminal modular office building installation

PER Category B / Green

- Installation of the modular building at 3333 New Brighton Road is complete and the project has received an occupancy permit.

CP Rail Commissioner Street rail expansion

PER Category C / Yellow

- The applicant provided preliminary information to EVPL members on April 7, 2021
- A presentation will be distributed to EVPL members on Friday, October 1, 2021 once the permit application has been submitted
- The project team will be presenting and answering questions at the EVPL meeting on October 6, 2021

Saam Towage Operations Centre

PER Category B / Green and Yellow

- Construction wrapped up last week and a final inspection is expected this week.
- More information about the project can be found [here](#)

Western Canada Marine Response Corporation – Oil spill emergency response base

PER Category C / Green

- Land-based construction re-started in June and was temporarily stopped in July to allow for stormwater infrastructure upgrades on separate project. Construction restarted on August 6 and is expected to be complete in fall 2021.
- More information about the project can be found [here](#)

Viterra Pacific Terminals (adjacent to EVPL area)

New Dust Control System and Access

PER Category B

- Viterra Pacific (1803 Stewart Street) Pacific Elevators will be installing a new dust control system and access at their site. They will be constructing new access bridges and a building which will home their new equipment.
- The new equipment will help to reduce the overall noise of operations. A sound wall will also be installed to help reduce noise further.
- Impacts to the community anticipated to be very minimal
- Construction started in May 2021

Annex 1 and 2 Vacuum System upgrade

PER Category B

- Viterra Pacific will be upgrading a terminal dust control vacuum system on the north east corner of the Annex 1 roof, located at 1803 Stewart Street, Vancouver
- A primary separator unit will be installed above a storage bin to collect recovered material, which will subsequently be processed in the terminal reclaim system for recovery of valuable grain
- A secondary separator, filtering the finer particles, will discharge into a bin that will feed into the existing dust transportation system

- The new equipment will have a footprint of approximately 60 square metres combined. The secondary separator will be 4 metres high and will be external to Annex 1
- The new equipment will be shielded by a partial acoustic barrier to minimize noise impacts
- Impacts to the community anticipated to be very minimal
- Additional details are available [here](#)

Emergency Vehicle Road Access

PER Category B

- A new emergency access road will be built on site which will involve the demolition of a small building and the removal of a temporary tent structure and retaining wall
- Road paving work and a new gate to be installed on site
- Impacts to the community anticipated to be very minimal
- Construction began May 17, 2021

Paving at 1803 Stewart Street

PER Category B

- On September 21, 2021 a project permit was issued to Viterro Inc. to pave a portion of their western property and create a 35 car parking lot and a driveway which will run north/south adjacent to Annex 2. The proposed project would be located at 1803 Stewart Street on lands managed by the Vancouver Fraser Port Authority
- The project was approved subject to 30 permit conditions that Viterro Inc. must meet to ensure the project does not result in significant adverse environmental effects