



Port update

Port Community Liaison Committee – Delta | September 21, 2021

Business update - 2021 Mid-year cargo statistics will be released this week.

Operations update

- **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. Transport Canada’s Ministerial Order declared July 11 remains 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. 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 next year.

ECHO Program



- The Enhancing Cetacean Habitat and Observation (ECHO) Program is in its fifth year of voluntary noise reduction initiatives at Haro Strait and Boundary Pass, Swiftsure Bank, and the Strait of Juan de Fuca.
- The ECHO Program is featured in the United Nations’ Ocean Decade Special Issue Magazine. The special edition magazine celebrates the start of the Decade of Ocean Science, a global initiative advanced by the United Nations to spur scientific solutions to the issues facing our oceans. The ECHO Program is highlighted alongside other innovative initiatives for its ongoing work to reduce the impacts of shipping on at-risk whales through collaborative action and world-leading research.
- The ECHO Program was featured in this TV ad as part of the port authority’s community awareness program.
- For more information on the program’s voluntary underwater noise initiatives and the program’s participants, advisors, and partners see:
 - ECHO Program 2021 participants
 - ECHO Program 2021 voluntary underwater noise reduction initiatives
- To implement its yearly initiatives, the ECHO Program collaborates with more than one hundred advisors and partners from U.S. and Canadian government agencies, the marine transportation industry, Indigenous communities, environmental groups, and scientists.

Roberts Bank Emergency Management Working Group | Tabletop exercise

- On July 14, a virtual tabletop emergency exercise was held to discuss roles, communications and other related activities of a land based fire response at Roberts Bank. We thank everyone who participated from the Roberts Bank Emergency Management Working group including Global Container Terminals, Westshore Terminals, Tsawwassen First Nation, BC Rail, Delta Fire Services, Delta Police Services, and the port authority's operations and security teams.

Fraser River Fire Chiefs meeting

- On July 26, the port authority met with fire chiefs who have jurisdiction along the Fraser River to continue advancing the conversation on marine firefighting. The City of Delta Fire Services, New Westminster Fire Service, City of Richmond Fire Service, North Vancouver Fire Service and the City of Vancouver Fire Service attended. Meetings will continue throughout the fall.

Massey Tunnel replacement project

- Statement from the port authority: "We are pleased to see progress on a tunnel replacement project that will address traffic bottlenecks and bring travel time reliability to one of the most important north to south transportation corridors for commuters, goods movement, cross-border transportation, and ferry traffic. Following this exciting announcement, we look forward to working with the province on the development of the tunnel replacement to ensure the continued safe navigation of marine vessel traffic along the Fraser River.

Port authority provides \$1 million for dredging Delta local channels

- On August 10, 2021, the port authority announced \$1 million in funding towards a near-term dredging solution to support key Delta channels, focusing on Ladner Harbour and Gunderson Slough.
- The port authority dredges deep sea channels to support Canada's trade. For 10 years and as a gesture of goodwill, the port authority provided a \$7 million interim dredging solution to support Fraser River communities. As the funding for the program has concluded, the port authority is working with government to identify other sources of funding that will provide a longer-term solution to support dredging local channels.

Updates of projects on federal lands in port authority jurisdiction

The port authority oversees the use of federally-owned port lands and water, leasing their use to terminal operators and other tenants. We are also responsible for land use planning for federal lands in the port's jurisdiction. As laid out in the *Canada Marine Act*, our oversight includes conducting reviews and issuing permits for work, projects, and events proposed within our jurisdiction. More info is available [here](#). The projects listed below are currently in the port authority's project and environmental review (PER) process. Although there are numerous projects under review, these ones are included because they are located in Delta, are near Delta and/or deemed of interest to this committee.

DP World Fraser Surrey | Containerized dry bulk handling project

No update since June 2021 meeting.

Project status:

- Project permit issued on April 12, 2021
 - The proposed operations do not require the construction of any new infrastructure on site or additional off-road motorized equipment.
 - The specialized revolving heads are interchangeable with the standard spreader heads and the two types of heads would be manually switched out as necessary.

Project description:

- DP World is proposing to utilize specialized revolving heads on up to three existing gantry cranes in order to facilitate the handling of containerized dry bulk cargoes at its Fraser Surrey site. DP World anticipates handling a wide range of containerized dry bulk cargoes, which include but are not limited to copper concentrate, potash, zinc and lead concentrates. The utilization of the specialized revolving heads allow

cargoes to be handled more efficiently. A mobile dust suppression unit fitted around the rim of the vessel hatch would emit water mist to prevent dust from escaping the hold of the vessel. For more information, visit our [website](#).

Public engagement:

- A notice of intent for the proposed project was posted to the Canadian Impact Assessment Agency registry with an opportunity for public comment. The applicant held a public engagement period December 23, 2020 to January 29, 2021.
- The summary of the consultation and consideration report of how feedback will be considered will be posted the VFPA website [here](#) and on DP World's [project website](#).

DP World Fraser Surrey Phase 1 Works

Project status: Preliminary application

Project description:

- Protection of third-party utilities, reconfiguration of the existing site utilities, as well as upgrades to security infrastructure, communications, and terminal lighting
- New access road from the realigned Timberland Road leading to the new truck gate and into the container yard area
- New container truck gate with Optical Character Recognition technology consisting of 2 entry gate and 2 exit gate lanes will be located at the north end of the terminal
- New consolidated Personally Owned Vehicle (POV) parking lot and pedestrian overpass to the SSF
- Reconfiguration of the existing container and steel yards, including new reefer towers
- Relocation of the rail intermodal yard comprising 4 tracks with a total working length of 6,000 ft (1,829 m)
- Demolition of the existing shed 5 maintenance facility
- New SSF Building for relocation of the terminal maintenance facility and administrative / operations offices, likely requiring seismic ground improvements in portions of the footprint.
- Relocated and consolidated operations lunch and change room facilities
- Relocated equipment parking, radiation portals and fueling facilities

Project details

- Public engagement will be required. Details to follow once the application has been deemed completed. The project will be posted to the IAA registry with a 30 calendar day comment period.

DP World Fraser Surrey Docks | Dismantle and Disposal of Crane

Project status: permit issued on May 31, 2021

Project description:

- The Vancouver Fraser Port Authority, on behalf of DP World Fraser Surrey Docks Limited Partnership (LP), proposes to dismantle an existing container crane (crane #2) located on Berth 9 at the DP World Fraser Surrey Docks LP facility. Removal of crane #2 is an obligation of the Vancouver Fraser Port Authority under the existing tenant lease agreement. A floating crane and a supporting material barge will be used to dismantle crane #2. All waste material from the project will be transported offsite to an approved waste management facility. No earthworks and no changes to the existing crane rails and services onsite are anticipated during the crane #2 dismantle and disposal process.
- The project will be conducted during regular working hours and will take approximately 30 days to complete. No in-water physical works are proposed.

Project timeline: works are planned from late August to early October 2021.

Metro Vancouver Annacis Island Wastewater Treatment Plant

No update since June 2021 meeting.

Project status:

- Permit amendment issued on March 22, 2021

- Permit amendment issued on April 8, 2020
- Permit issued on March 10, 2019 – construction is expected to take approximately 3 years

Project description:

- Metro Vancouver is constructing a new outfall system in the Fraser River as part of upgrades to increase the secondary treatment capacity of the Annacis Island Wastewater Treatment Plant. Project components located on lands and waters administered by the port authority include a section of the outfall tunnel, the river riser, and the diffuser manifold. For more information, visit our [website](#).

Project update:

- The project is currently in Season 2 – Outfall Arm Construction: June 16, 2021 to February 28, 2022.
- In April 2020, an authorization was issued for construction outside of standard hours between June 16, 2021 to February 28, 2022.

City of Delta Stormwater Outfall | 8600 River Road, Delta

Project status: permit issued June 25, 2021

- In December 2020, the City of Delta submitted a project permit application to construct a Stormwater Outfall, located at 8600 River Road in Delta on federal lands and waters managed by the Vancouver Fraser Port Authority.
- Our website and the Impact Assessment Agency (IAA) of Canada posting have not been updated. DFO is required to make a determination via the IAA for the same project.

Project description:

- The City of Delta proposes to install a new stormwater outfall at 8600 River Road, Delta. The outfall will capture immediate runoff from the surrounding 15 hectare catchment allowing for better stormwater servicing in the area and enabling redevelopment. The current system conveys the area's stormwater over 2 kilometres to the next outfall where there are existing capacity concerns. The outfall at 8600 River Road will alleviate those concerns and provide additional future capacity.
- The City of Delta proposes to remove woody debris in two nearby areas of marsh as habitat offsetting in support of a Fisheries Act Authorization for the project.

Public engagement:

- As part of the Project and Environmental Review for the proposed project under the *Impact Assessment Act*, the proposed project is posted on the [Canadian Impact Assessment Registry](#) with an opportunity for public comment between January 26, 2021 to February 27, 2021. No comments were received.

TDK and Hensall | Annacis Island Agri-Transload and Distribution Hub

Project status: preliminary review

Project description:

- TDK and Hensall are proposing a full-service agri operation, bulk to bulk, bulk to bag with forecasted 4,000+ rail cars per year at 420 and 480 Audley Blvd. This would be an import and export distribution hub with annual throughput exceeding 150,000 TEU. There would be an expansion of the existing import transload/cross-dock program requiring a 50,000 to 65,000 square foot warehouse.
- The proposed agri-transload project is not a significant departure in use from the existing container yard on the site and is consistent with the port authority's land use plan. The anticipated truck volume will increase, from the current 65,000 annual gate transactions to an estimated 80,000 gate transactions annually. TDK and Hensall has engaged an engineering firm and rail expert to assist in the development of the additional rail to ensure the most efficient use of the site to minimize rail and truck bottlenecks. The project goal is to maximize efficiency on site to allow for trade intensification and diversification.

Project details:

- Regarding the anticipated 15,000 additional trucks: On May 14, 2019 TDK announced drivers were no longer allowed to line up on Derwent Way when waiting for access to TDK container yard, during heavy

traffic days. Conceptual design accumulates up to 20 trucks on site to minimize current queuing on local roads.

- Facility would be unit train capable (unload in 28 hours) to reduce backlogs and congestion.
- No change in hours of operation (Monday - Friday, 7am-11pm, and by appointment on weekends).
- Design is exploring enclosed railcar unload with dust control and collection.
- Products: grain, pulses, oilseed, and some non-agricultural (lumber, plastic pellets, wood pellets, pipe and steel).
- Works include demolition of existing buildings (with heavy equipment), and construction of a new warehouse facility, new rail infrastructure, and accessory infrastructure (storage silos, conveyors, grain pit). A survey of the building will be done to understand the sensitivity of the neighborhood with respect to noise and dust.
- Construction anticipated for 12 months (5 days a week, 8 hours a day).
- Construction would involve excavation, wood frame construction, some concrete pouring, metal silos assembly and installation, assembly of metal structures like conveyors and support frames.
- Public engagement: A 25 business-day public engagement period will be required. More information will be available when a complete application is received.
- For more information about TDK, visit their [website](#).

Note: Is PCLC interested in a presentation by TDK on the role of transloading in containerized trade?

Westshore Terminals | Adding potash as export cargo

Project status: preliminary checklist sent to the applicant

Project description:

- The preliminary application is for a building, equipment, and systems to allow the handling of potash at Westshore Terminals. Initial capacity is 4.5MMT (Stage 1), growing to 9.2MMT/year (Stage 2).
- Public engagement will be required but details are unknown until application is deemed complete.

Note: Westshore is scheduled to give a presentation about this project to PCLC on December 9, 2021.

Updates on Greater Vancouver Gateway (GVG) 2030 projects

In 2018 and 2019, the Vancouver Fraser Port Authority received funding from the Government of Canada through the National Trade Corridors Fund to progress multiple infrastructure projects throughout the Lower Mainland. These projects were identified through a collaborative planning process that involved the port authority, TransLink, the B.C. Ministry of Transportation and Infrastructure (MoTI), the Greater Vancouver Gateway Council, and Transport Canada. As part of our mandate to facilitate Canada's trade objectives, we are working with partners on projects that will ensure efficient road and rail networks in the region, and address the impacts of increased trade, including on safety, congestion, community access, and general livability. Although there are numerous projects underway as part of this initiative, these ones are included because of their location in or proximity to Delta.

Annacis Auto Terminal Optimization Project (Richmond/Delta)

Project status: permit application to be submitted in September 2021

Project description:

- The Vancouver Fraser Port Authority—in partnership with [Wallenius Wilhelmsen Solutions](#) (WWS)—is leading the proposed Annacis Auto Terminal Optimization Project. The project will improve the efficiency of the terminal's operations within the existing footprint, increase its ability to handle a greater volume of automobile imports, and help meet emerging climate change targets by responding to increased demand for electric vehicles.

Timeline:

- 2019 – Project submitted to the National Trade Corridors Fund for funding

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- Summer 2021 – Revised project scope approved by Transport Canada
- 2021 – Preliminary design
- Fall 2021 – Project and Environmental Review submission
- Fall 2022 – Construction begins
- Fall 2023 – Project completion

Project update:

- The revised project scope was approved by Transport Canada in August 2021.
- The project team is targeting September 2021 to submit its application to the port authority’s project and environmental review process.



Fraser Surrey Port Lands Transportation Improvements Project (Delta/Surrey)

Project status: permit under review

Project description:

- The port authority is proposing to undertake road and rail improvements within the Fraser Surrey Port Lands to alleviate traffic congestion and rail crossing delays, and improve the movement of goods for port tenants. The Fraser Surrey Port Lands is an industrial area situated along Highway 17 at Tannery Road, bordering the municipalities of Surrey and Delta.



The project includes:

- Creation of a Timberland Road (south) route for traffic to travel through the Fraser Surrey Port Lands
- Upgrades to the Timberland Wye to create a four-way intersection
- Railway crossing upgrades along Timberland Road to meet federal standards
- Adding a vehicle access control system
- Adding street lighting, relocating closed-circuit TV cameras, and integrating camera feeds into the port authority’s operations centre

Status update:

- Project currently under review through the port authority’s project and environmental review process (PER). The port authority will consider all feedback received from the public, stakeholders and Indigenous groups in its review.

- Public engagement and public comment period occurred June 16 to July 21, 2021; Public engagement summary report is [here](#).
- Online information session was held on July 8, 2021 for port tenants, nearby businesses and interested public; online presentation is available online [here](#).
- Consultation continues with stakeholders and Indigenous groups.

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

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

Delta Community Office update

The Delta Community Office has returned to its pre-COVID hours which are Wednesday to Friday, 9:00 a.m. to 5:00 p.m. and Saturday 10:00 a.m. to 4:00 p.m.



Delta: a tour of port activity

Staff created a Port Adventure Family Kit, its first community engagement tool since COVID-19 began. The kit contained at-home activities such as word searches, a matching game and a puzzle and outdoor activities including a photo scavenger hunt and ship spotting guide for the Fraser River and Roberts Bank. A total of 129 families received a kit, most of whom reside in Delta and were required to visit the office to pick up their kit. The kit provided regular foot traffic to the office throughout the summer.

Staff produced a three-minute video tour of port activity in Delta as part of the Port Adventure Family Kit. The video is a highlights tour of Annacis Auto Terminal, Westshore coal terminal and Deltaport container terminal. The video is [here](#).

VFPA media releases and announcements

[Eelgrass transplanting work underway at Maplewood Marine Restoration Project](#) August 12, 2021

[Vancouver Fraser Port Authority announces \\$1 million funding to support local channel dredging](#) August 10, 2021

[New Centennial Road overpass open to port traffic](#) July 14, 2021

Active Vessel Traffic Management Program



The Vancouver Fraser Port Authority is developing a new collaborative Active Vessel Traffic Management Program with supply chain partners and local stakeholders. Once implemented, this system will be a steward in managing prioritization and sequencing of ships to improve transparency, efficiency, and reliability for all port users, while increasing throughput for trade-enabling ships through the Port of Vancouver. For more information, visit: [ActiveVessel-Infosheet.pdf](#) and watch the [video here](#).