



**VANCOUVER GATEWAY  
INTEGRATED WINTER PLAN 2019/20**

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## Introduction

The 2019/20 Vancouver Gateway Intermodal Integrated Winter Plan is designed to focus attention on key aspects of Vancouver Gateway intermodal supply chain performance to help support service reliability through the winter months.

These areas include, but are not limited to: winter preparedness planning; planned events (such as holiday closures); unplanned events (such as rail service and terminal disruptions); planned communications; and escalation processes in the event of disruptions.

## Winter Preparedness Planning

Both CP Rail and CN Rail have extensive winter plans in place which are designed to build resiliency and minimize the impact of winter operating conditions on their networks. Some of the steps taken by each to address the impact of winter weather conditions across their networks include:

### CN

- Capital investments in new infrastructure designed to eliminate network bottlenecks
- Upgrading and modernizing locomotives and railcars
- Implementation of Winter Train Length guidelines for temperatures below -25C
- Innovative technology to support safety and productivity in all weather conditions
- CN Rail's 2019-2020 Winter Plan can be found at:

<https://www.cn.ca/en/your-industry/customer-reports/winter-plan/>

### CP

- Proactive monitoring of weather and train length reductions
- Locomotive and crew resources available to supply demand as well as contingency requirements
- Snow removal equipment in place at high risk locations
- Communications protocols with supply chain partners to alert each other of winter operations that have or may disrupt operations
- Integrated trackside train monitoring network upgrades, switch heater, and track circuit upgrades.
- CP Rail's 2019-2020 Winter Contingency Plan can be found at:

<https://www.cpr.ca/en/about-cp/cp-and-public-policy/winter-contingency-plan>

## Container Terminal 2019/20 Holiday Work Schedule – Rail Operations

	Sat 12/21	Sun 12/22	Mon 12/23	Tue 12/24	Wed 12/25	Thu 12/26	Fri 12/27	Sat 12/28	Sun 12/29	Mon 12/30	Tue 12/31	Wed 01/01	Thu 01/02
<b><u>Terminal</u></b>													
<b>DPW Centerm</b>	Normal Hours	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours
<b>GCT Deltaport</b>	Normal Hours	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours
<b>Fraser Surrey</b>	Normal Hours	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours
<b>GCT Vanterm</b>	Normal Hours	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours
<b><u>Railways</u></b>													
<b>CP Rail</b>	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours
<b>CN Rail</b>	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours

## Container Terminal 2019/20 Holiday Work Schedule – Truck Gates

	Centerm	Vanterm	Deltaport	FSD
<b>Saturday, December 21</b>	08:00 – 23:59	Closed	Closed	Closed
<b>Sunday, December 22</b>	08:00 – 16:00	Closed	Closed	Closed
<b>Monday, December 23</b>	08:00 – 23:59	08:00 – 15:59 17:00 – 23:59	08:00 – 15:59 17:00 – 23:59	07:00-16:00
<b>Tuesday, December 24</b>	08:00 – 11:30	Closed	Closed	07:00-12:00
<b>Wednesday, December 25</b>	Closed	Closed	Closed	Closed
<b>Thursday, December 26</b>	Closed	Closed	Closed	Closed
<b>Friday, December 27</b>	08:00 – 23:59	08:00 – 15:59 17:00 – 23:59	08:00 – 15:59 17:00 – 23:59	07:00-16:00
<b>Saturday, December 28</b>	08:00 – 23:59	Closed	Closed	Closed
<b>Sunday, December 29</b>	08:00 – 16:00	Closed	Closed	Closed
<b>Monday, December 30</b>	08:00 – 23:59	08:00 – 15:59 17:00 – 23:59	08:00 – 15:59 17:00 – 23:59	07:00-16:00
<b>Tuesday, December 31</b>	08:00 – 11:30	Closed	Closed	07:00-12:00
<b>Wednesday, January 1</b>	Closed	Closed	Closed	Closed
<b>Thursday, January 2</b>	08:00 – 23:59	08:00 – 15:59 17:00 – 23:59	08:00 – 15:59 17:00 – 23:59	07:00-16:00

- Truck Gate hours are subject to change

## **Planning for Holiday Closures**

- Marine Terminal operations will be closed on two separate occasions over the 2019/20 Holiday period:
  - approximately 12:00 December 24<sup>th</sup> to 01:00 December 26<sup>th</sup>
  - approximately 12:00 December 31<sup>st</sup> to 01:00 January 2<sup>nd</sup>
- Prior to the December 24th shutdown, each container terminal will have an operating plan in place to ensure an adequate supply of railcars on-hand coming out of the holiday shutdowns.
- Adequate labour supply is expected to be available over the holiday period.
- Additional emphasis will be placed on the repair of bad order railcars and pre-inspections by railways during terminal shut down to ensure car supply for re-start of operations.

## **Recovery from Unplanned Disruptions**

- A variety of unplanned disruptions can impact intermodal service reliability during the winter season, including:
  - Rail service disruptions due to extended periods of severe winter conditions outside the Vancouver Gateway;
  - Late vessel arrivals and “bunching” of arrivals;
  - Marine terminal disruptions (weather/equipment/labour).
- Both the railways and container terminal operators have detailed contingency plans in place to cover a variety of potential disruptions.

## Lines of Communication

### Scheduled Operations Communications

- **Terminal/Railway operations:**
  - Daily conference calls between container terminals and railways to review railcar requirements and vessel arrival performance.
  - Daily terminal operating scorecards circulated to each rail carrier summarizing import rail volumes, rail car supply, on-dock dwell and plan vs. actual performance.

### Short-term Forecasting

- VFPA provides weekly import container vessel volume forecasts to all terminal operators and railways to aid in operations planning.
  - Vessel forecasts provide a consolidated 14-day view of inbound container volume by vessel, end destination, mode of delivery and container size.

### Winter Performance Reporting

- To ensure that stakeholders are updated on all aspects of winter performance, VFPA will make the following available through its website and ops portal:
  - Holiday Shutdown Schedule;
  - Integrated Winter Plan;
  - Daily updates on import rail performance and weekly updates on truck terminal turn time performance are available through the Port's Operations Portal at <http://operations.portvancouver.com> or the main website at <https://www.portvancouver.com/port-dashboard/>
  - Updates on Terminal operating conditions can also be accessed through the Port of Vancouver's eHub mobile app which is available for both Apple and Android mobile devices free of charge
- Container terminals and railways will also continue to provide their customers with specific service information as needed through the winter.

### Escalation Processes

- Each terminal and railway has existing escalation channels of communication which are triggered by operating conditions, as identified on daily operations scorecards that are widely circulated.
- VFPA Operations monitors terminal fluidity on a daily basis to identify any potential issues that may arise. On-dock footages are widely reported on a daily basis within VFPA.
  - Potential issues are reviewed with operating personnel from the container terminal and/or railway to confirm that an action plan is already determined and set in motion;

- Should an issue not be resolved in a timely manner, VFPA Operations will escalate the issue internally for senior VFPA involvement with the container terminal and/or railway management for resolution.

## **Summary**

The Integrated Winter Plan focuses on ensuring intermodal performance reliability through the winter months, and is developed based on input from all key operating entities within the Gateway.

The Plan takes a proactive approach to dealing with holiday closures, ensures formal recovery and escalation processes are in place in the event of any disruptions, and improves visibility through short-term forecasting and daily monitoring through scorecards and reporting.