



**VANCOUVER GATEWAY
INTEGRATED WINTER PLAN 2018/19**

December, 2018

Table of Contents

- Introduction..... 3**
- Winter Preparedness Planning 3**
 - CN.....3
 - CP3
- Container Terminal 2018/19 Holiday Work Schedule – Rail Operations 4**
- Container Terminal 2018/19 Holiday Work Schedule – Truck Gates 5**
- Planning for Holiday Closures 8**
- Recovery from Unplanned Disruptions 8**
- Lines of Communication 9**
 - Scheduled Operations Communications9
 - Short-term Forecasting9
 - Winter Performance Reporting9
- Escalation Processes 9**
- Summary..... 10**

Introduction

The 2018/19 Vancouver Gateway Intermodal Integrated Winter Plan is designed to focus attention on key aspects of Vancouver Gateway intermodal supply chain performance to help ensure 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

- New infrastructure designed to eliminate network bottlenecks
- Additional locomotives, railcars and crew
- Implementation of Winter Train Length guidelines for temperatures below -25C
- Pre/Post Holiday Season car supply plan in place.
- CN Rail's 2018-2019 Winter Plan can be founded 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 2018-2019 Winter Contingency Plan can be founded at:

<https://www.cpr.ca/en/about-cp/cp-and-public-policy/2018-winter-contingency-plan>

Container Terminal 2018/19 Holiday Work Schedule – Rail Operations

	Sat 12/22	Sun 12/23	Mon 12/24	Tue 12/25	Wed 12/26	Thu 12/27	Fri 12/28	Sat 12/29	Sun 12/30	Mon 12/31	Tue 01/01	Wed 01/02
<u>Terminal</u>												
Centerm	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours
Deltaport	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours
Fraser Surrey	Normal Hours	Normal Hours	Closed 11:00	Closed	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours
Vanterm	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Closed 12:00	Closed	Normal Hours
<u>Railways</u>												
CP Rail	Normal Hours	Normal Hours	n/a	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours	Normal Hours
CN Rail	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 2018/19 Holiday Work Schedule – Truck Gates

	Centerm	Vanterm	Deltaport	FSD
Saturday, December 22	08:00 – 23:59	08:00 – 15:59 17:00 – 23:59	08:00 – 15:59 17:00 – 23:59	Closed
Sunday, December 23	08:00 – 23:59	Closed	Closed	Closed
Monday, December 24	08:00 – 11:30	08:00 – 10:59	08:00 – 10:59	07:00 – 11:00
Tuesday, December 25	Closed	Closed	Closed	Closed
Wednesday, December 26	Closed	Closed	Closed	Closed
Thursday, December 27	08:00 – 23:59	08:00 – 15:59 17:00 – 23:59	08:00 – 15:59 17:00 – 23:59	08:00 – 16:00
Friday, December 28	08:00 – 23:59	08:00 – 15:59 17:00 – 23:59	08:00 – 15:59 17:00 – 23:59	08:00 – 16:00
Saturday, December 29	08:00 – 23:59	08:00 – 15:59 17:00 – 23:59	08:00 – 15:59 17:00 – 23:59	Closed
Sunday, December 30	Closed	Closed	Closed	Closed
Monday, December 31	08:00 – 11:30	08:00 – 10:59	08:00 – 10:59	07:00 – 11:00
Tuesday, January 1	Closed	Closed	Closed	Closed
Wednesday, January 2	08:00 – 23:59	08:00 – 15:59 17:00 – 23:59	08:00 – 15:59 17:00 – 23:59	08:00 – 16:00

Planning for Holiday Closures

- Terminal operations are closed on two occasions over the Christmas – New Year’s Holiday period:
 - approximately 12:00 December 24th to 01:00 December 26th
 - approximately 12:00 December 31st to 01:00 January 2nd
- 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 including 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 terminals 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 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, destination and container size.

Winter Performance Reporting

- To ensure that stakeholders are updated on key 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
- 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.