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Vancouver Fraser  
Port Authority

# Active Vessel Traffic Management Program: An Overview

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South Shore Community Liaison Committee meeting  
October 5, 2023

**Connect** 

Canada 

# Supply chain optimization at the Port of Vancouver

**Connect+** represents the port authority's collective work to optimize supply chains at the Port of Vancouver through innovation and collaboration

This work includes the development of forecasting, data sharing, and reporting tools to support informed decision-making and enhance operational efficiency

Connect+ programs and initiatives are designed to help eliminate bottlenecks and ensure Canada's supply chains remain competitive



# Active Vessel Traffic Management Program

Building a more competitive, resilient, and sustainable supply chain



## Centralized scheduling system



Implementing a port-wide centralized scheduling system to better manage ship traffic and fully utilize existing capacity within our maritime supply chain



## Anchorage management



Seeking innovative ways to manage anchorage capacity and demand to reduce impacts on coastal communities and the environment



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# Active Vessel Traffic Management Program: three years in

**2021**

## Ideation

- Advisory panel forms and industry engagement takes place
- Program scope is defined
- Program launches

**2022**

## Design

- Public and Indigenous engagement takes place
- Program design begins

**2023**

## Implementation

- Anchorage code of conduct
- Anchorage management pilot
- Centralized scheduling system



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# Spotlight on program initiatives



# Anchorage code of conduct

- First of its kind in Canada
- Builds on feedback provided by Indigenous groups and the public
- Helps mitigate impacts of ships at anchor on coastal communities and the environment
- 1,300+ ships adhered to the code of conduct so far this year



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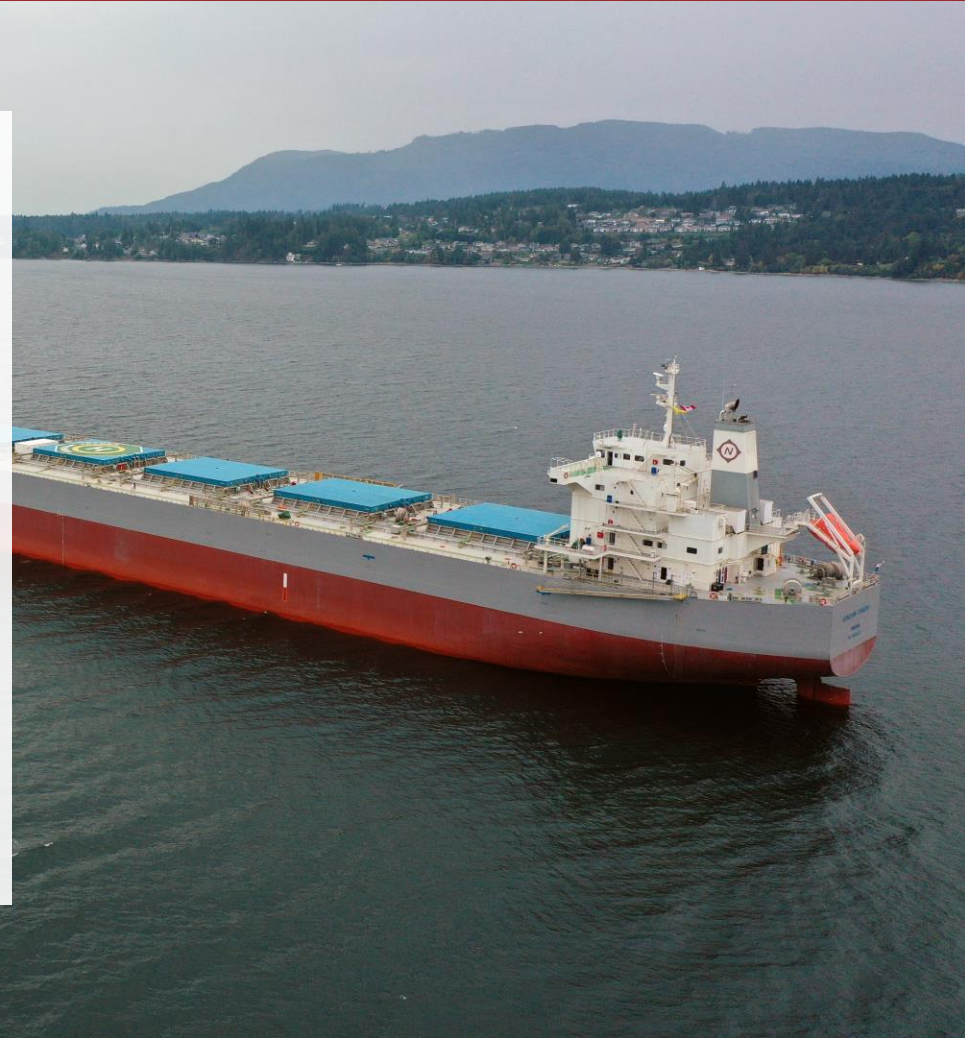
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# Arrival and departure window for ships anchoring around the Southern Gulf Islands (SGI)

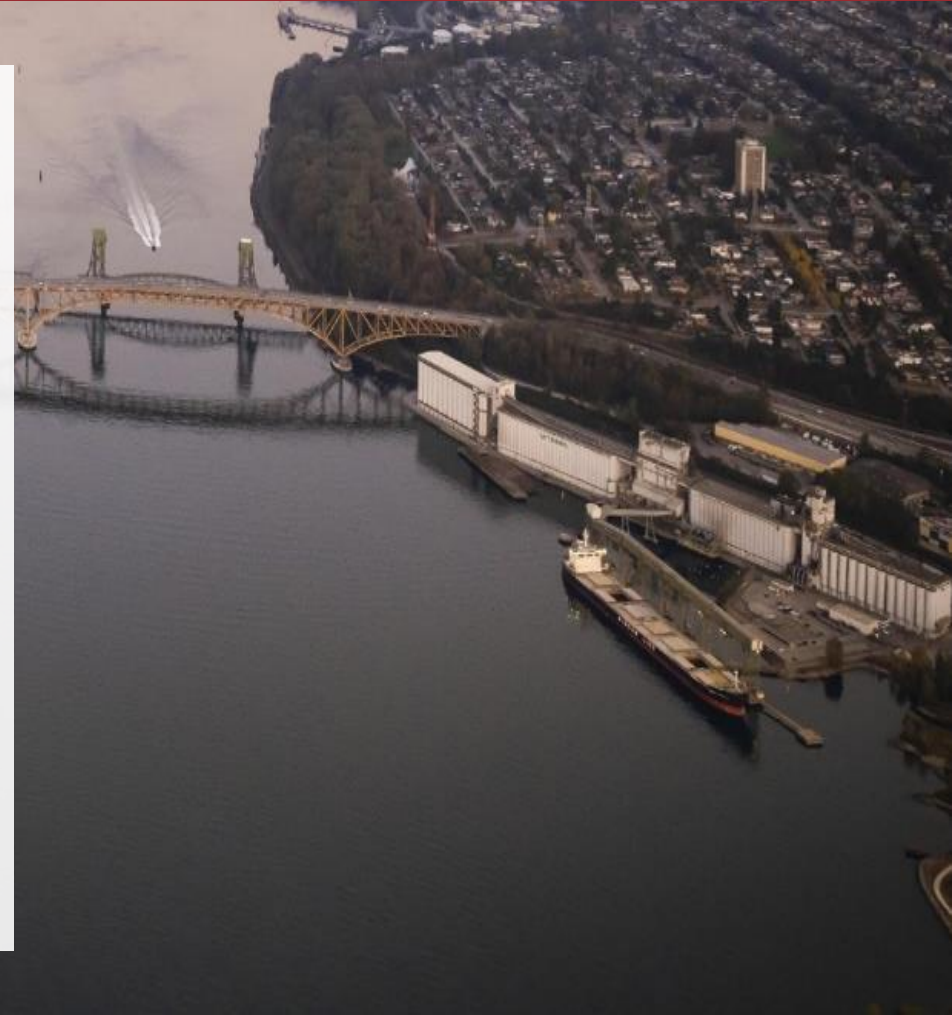
- 6-month trial (July-December)
- Aims to reduce nighttime noise disruptions from anchoring operations in the region
- Applies to ships heading to or from the 33 anchorages we assign around the SGI (interim protocol)
- 15 nighttime arrivals/departures avoided to date



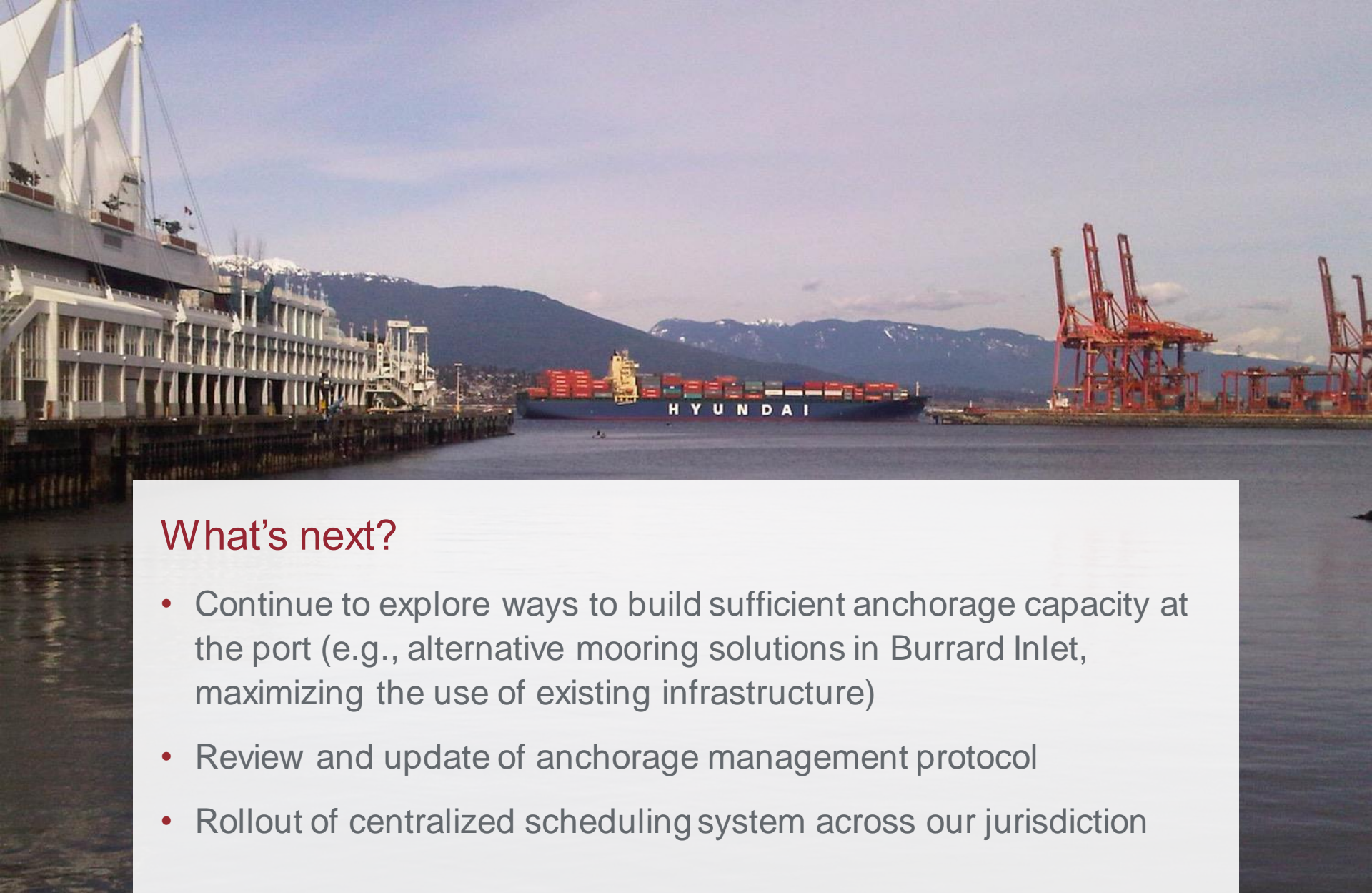


# Centralized scheduling system

- Rollout starting mid-October in Second Narrows
- The system enables:
  - Better coordination among port users
  - Effective utilization of existing supply chain capacity
  - Enhanced marine safety, port fluidity, and overall efficiency
- 1,000+ ship transits/year will be coordinated using the system in Second Narrows alone







## What's next?

- Continue to explore ways to build sufficient anchorage capacity at the port (e.g., alternative mooring solutions in Burrard Inlet, maximizing the use of existing infrastructure)
- Review and update of anchorage management protocol
- Rollout of centralized scheduling system across our jurisdiction



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