

# INTRODUCTION

# Role of the Port - Mandate

- Vancouver Fraser Port Authority's (VFPA) mandate is to facilitate Canada's trade objectives, ensuring goods are moved safely, while protecting the environment and considering local communities.
- Responsible for the stewardship of federal port lands in and around Vancouver, British Columbia.
- Established by the Government of Canada pursuant to the *Canada Marine Act*, and accountable to the federal minister of transport.

## Role of the Port – Specific Duties

- **Safety and security** of all land and waters
- **Permitting** of all projects proposed on federal port lands
- **Environmental reviews** for projects on port lands
- **Planning** for future use of port lands
- **Real estate management** of all tenant leases
- **Transportation operations** to ensure goods movement
- **Infrastructure development** to support growth
- **Customer services** with trade partners around the world
- **Collaboration** with stakeholders (local, provincial, federal and international)

# Safe Boating

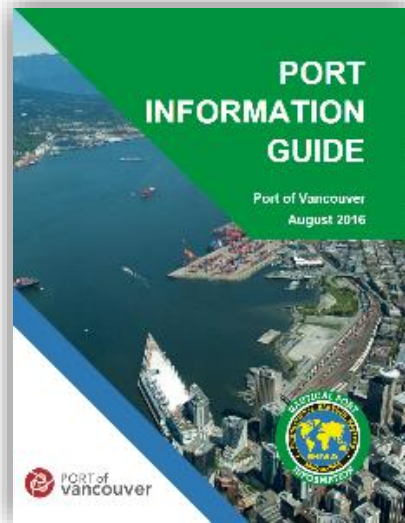
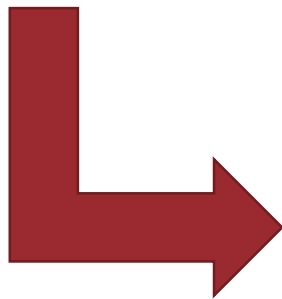
- It's a busy harbour!
- Recreational boaters, including fishing vessels, should exercise caution in high activity areas, including:
  - Coal Harbour
  - First Narrows (Lions Gate Bridge)
  - Second Narrows (Iron Workers Memorial Bridge)
  - Fraser River
  - Aircraft Operations Zones

# Port Information Guide

## Canada Marine Act, Section 56 - Traffic Control Zone

56 (1) Subject to any regulations made under section 62, a port authority may, for the purpose of promoting safe and efficient navigation or environmental protection in the waters of the port, with respect to ships or classes of ships,

- (a) monitor ships about to enter or within the waters of the port;
- (b) establish the practices and procedures to be followed by ships;
- (c) require ships to have the capacity to use specified radio frequencies; and
- (d) establish traffic control zones for the purposes of paragraphs (a) to (c).



**245 pages of practices and procedures** that govern a dynamic marine operations environment within VFPA's jurisdiction.

# Port Information Guide

The screenshot shows the Port of Vancouver website. At the top, there are navigation links: "Our sites: Port of Vancouver Canada Place", "About Us", "News and Media Releases", "Careers", "Port Dashboard", "Contact Us", and "Development and Permits". Below this is a main navigation bar with "Marine Operations", "Cargo and Terminals", "Truck and Rail", "Cruise", "Community", and "Environment". A red dashed circle highlights the "Marine Operations" menu item, which has a dropdown menu open. The dropdown menu items are: "Port Information Guide", "Marine recreational activities", "Navigation and Safety", "Marine Operations Permits", "Dangerous Goods", "Vessels and Schedules", and "Fraser River Maintenance". The "Port Information Guide" item is highlighted with a red dashed box. Below the navigation bar, there is a breadcrumb trail: "You are here: Home > Marine Operations >". The main heading is "Port Information Guide". The text below the heading states: "The Port Information Guide contains a set of localized practices and procedures designed to promote the waters of the port and support efforts to protect the marine environment. The practices and procedure apply to all vessels in the port, including pleasure craft and recreational vessels, as well as other users of the port, including tenants." Below this text are two links: "Port Information Guide [PDF]" and "Notice of Amendment [PDF]". At the bottom left, there is a section titled "Practices and procedures" and the Port of Vancouver logo.

Our sites: [Port of Vancouver](#) [Canada Place](#)

About Us · News and Media Releases · Careers · Port Dashboard · Contact Us · Development and Permits

[Marine Operations](#) [Cargo and Terminals](#) [Truck and Rail](#) [Cruise](#) [Community](#) [Environment](#)

PORT of vancouver

Marine Operations

- Port Information Guide
- Marine recreational activities
- Navigation and Safety
- Marine Operations Permits
- Dangerous Goods
- Vessels and Schedules
- Fraser River Maintenance

You are here: [Home](#) > [Marine Operations](#) >

## Port Information Guide

The Port Information Guide contains a set of localized practices and procedures designed to promote the waters of the port and support efforts to protect the marine environment. The practices and procedure apply to all vessels in the port, including pleasure craft and recreational vessels, as well as other users of the port, including tenants.

[Port Information Guide \[PDF\]](#)  
[Notice of Amendment \[PDF\]](#)

### Practices and procedures

PORT of vancouver

- Localized procedures to promote safe navigation
- Apply to **all** vessels in the port

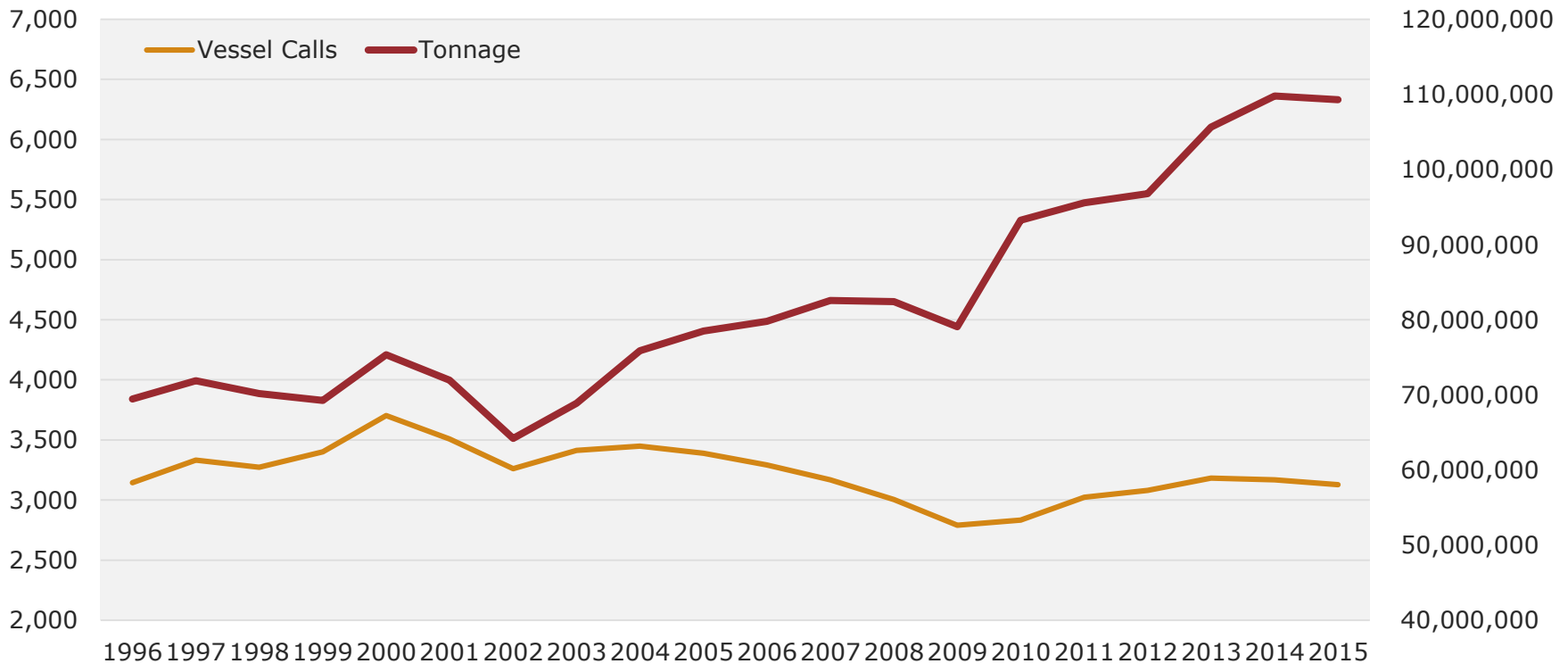
Port Information Guide

- Marine recreational activities
- Navigation and Safety
- Marine Operations Permits
- Dangerous Goods

# First Narrows MRA-1: **WHY**

Global growth in vessel size and industry requests to accommodate larger vessels (cruise/container/bulk) – What is the largest vessel that can be accommodated?

## Vessel Calls vs. International Cargo Tonnage



# MRA-1- Process

## Phase I – Procedure Review & Development

- Initial stakeholder outreach & core working group
- Outcome: Draft MRA-1 Procedures document
- Date: **August 24, 2016**

## Phase II – Stakeholder notification

- Stakeholder notification meeting
- Date: **May 18, 2017**

## Phase III – General notification (30 days)

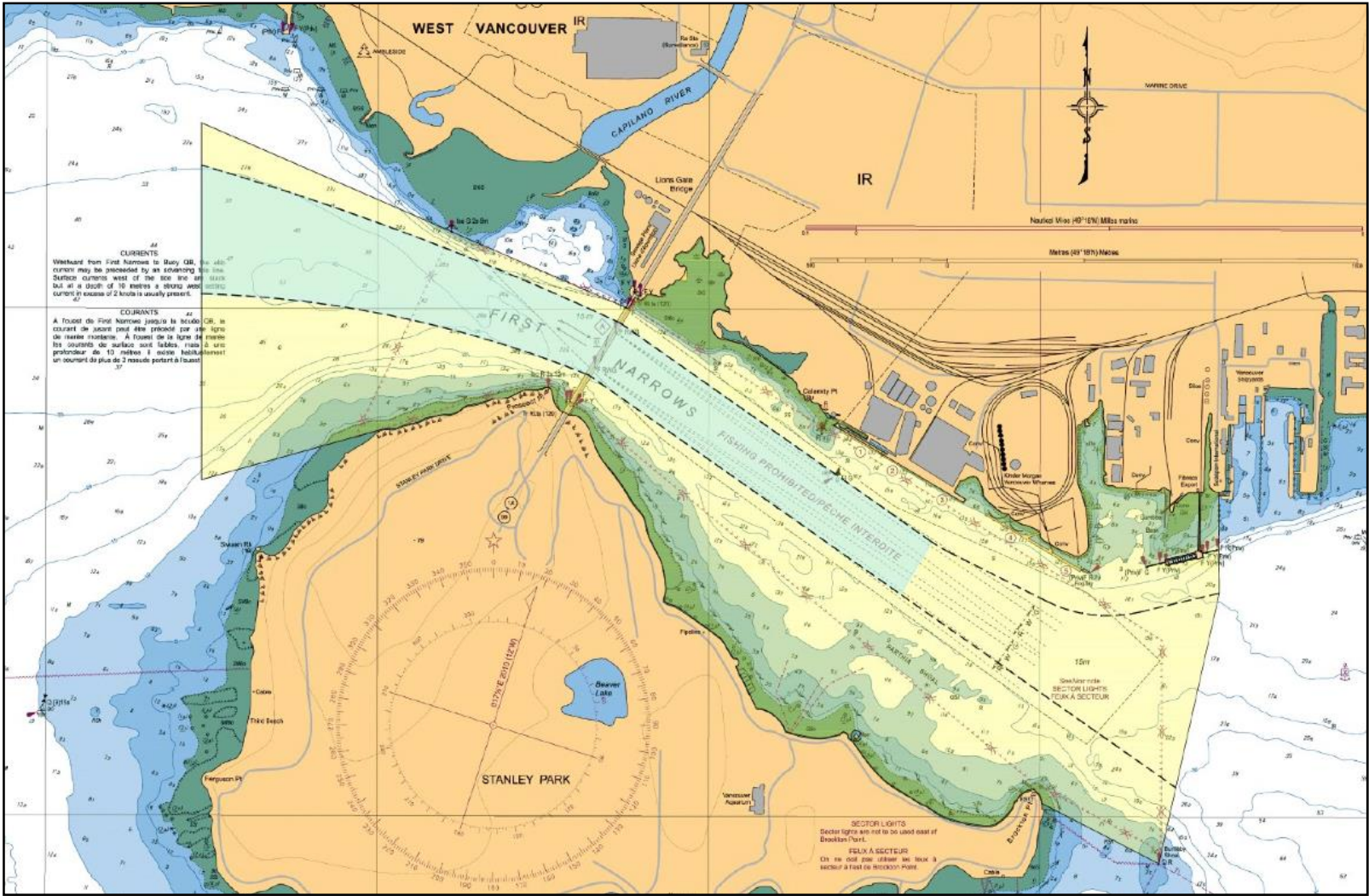
- Publication on VFPA website
- Date: **September 8, 2017**

## Phase IV – Implementation

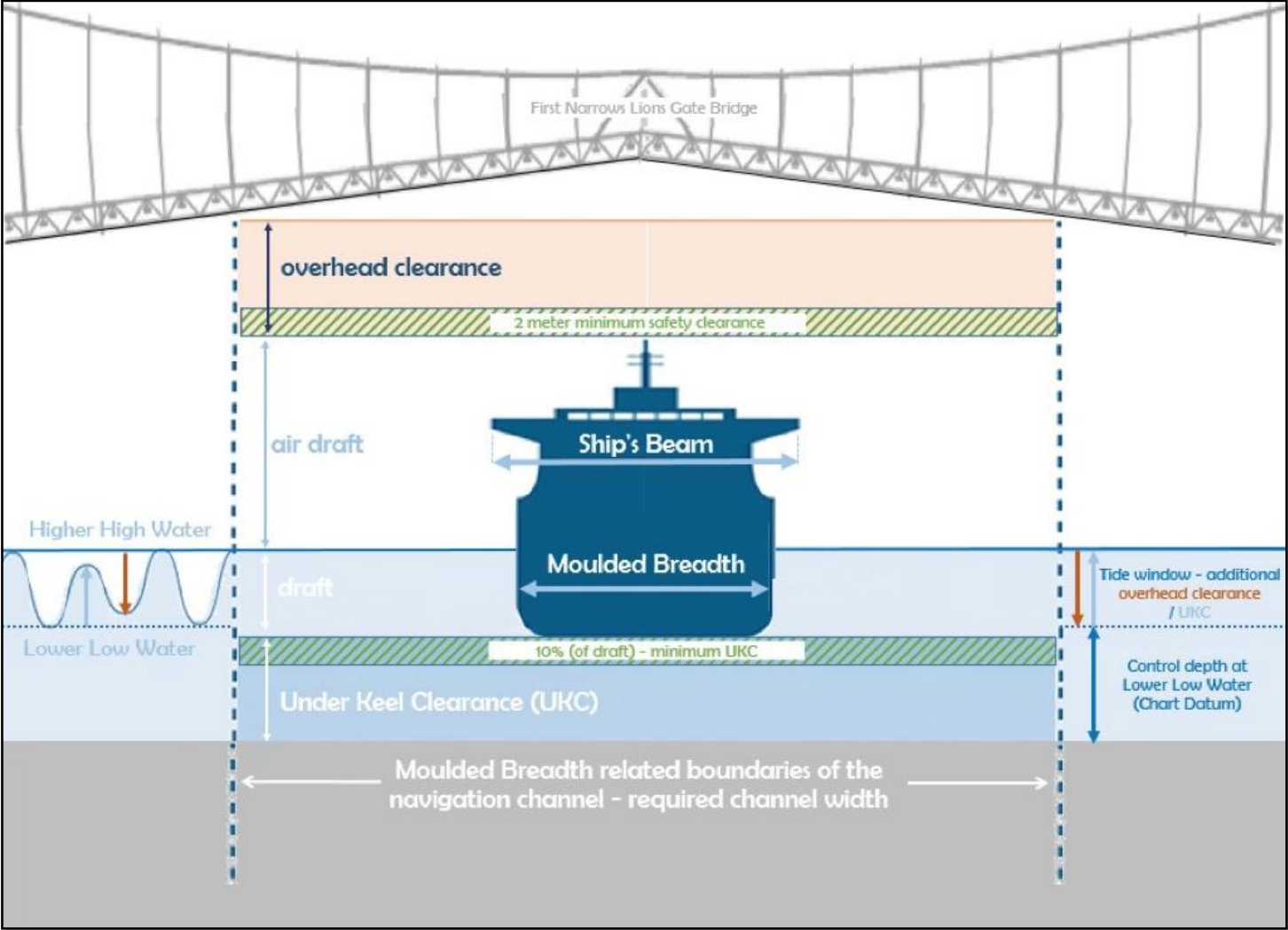
- Publication in VFPA Port Information Guide
- New MRA-1 procedures take effect
- Date: **October 20, 2017**



# First Narrows MRA-1: Navigation Channel



# Frist Narrows MRA-1: Lions Gate Bridge



# First Narrows MRA-1: What's New?

- Revised deep sea navigation channel according PIANC standards
- Navigation Envelope Clearances (i.e. vertical, horizontal & under-keel)
- Identify boundaries of MRA-1 reflect commercial and public needs
- Revised CCG Vessel Traffic Services vessel requirements
- Order of transit (priority of vessels)
- Revised tug & barge requirements
- Pilotage procedures
- Vessel assist tug requirements



# MRA-1 Procedures – Simulation study

## Previous First Narrows boundary



## Amended First Narrows boundary



# Moving Forward

- In preparation for summer 2017, VFPA is partnering with other agencies to collect combined data on dangerous and unsafe vessel operations
- Partnering with:
  - Canada Coast Guard (CCG)
  - Royal Canadian Mounted Police (RCMP)
  - Vancouver Police Department (VPD)
  - Transport Canada (TC)

# Questions?

VFPA Operations Centre (24/7)

604-665-9086

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