



PORT METRO
vancouver

Navigation Safety and Marine Operations

Prepared for:
North shore waterfront
liaison committee

Role of Port Metro Vancouver

- As a port authority, we are mandated by the *Canada Marine Act* to facilitate trade and move goods in a **safe** and sustainable manner.
- The Harbour Master is responsible for maintaining the fluidity of the supply chain while ensuring the overall safety, environmental protection and security of port operations. This includes oversight of all marine navigation, security and emergency response aspects within Port Metro Vancouver's jurisdiction.
- Working closely together with other agencies.

Speaking points

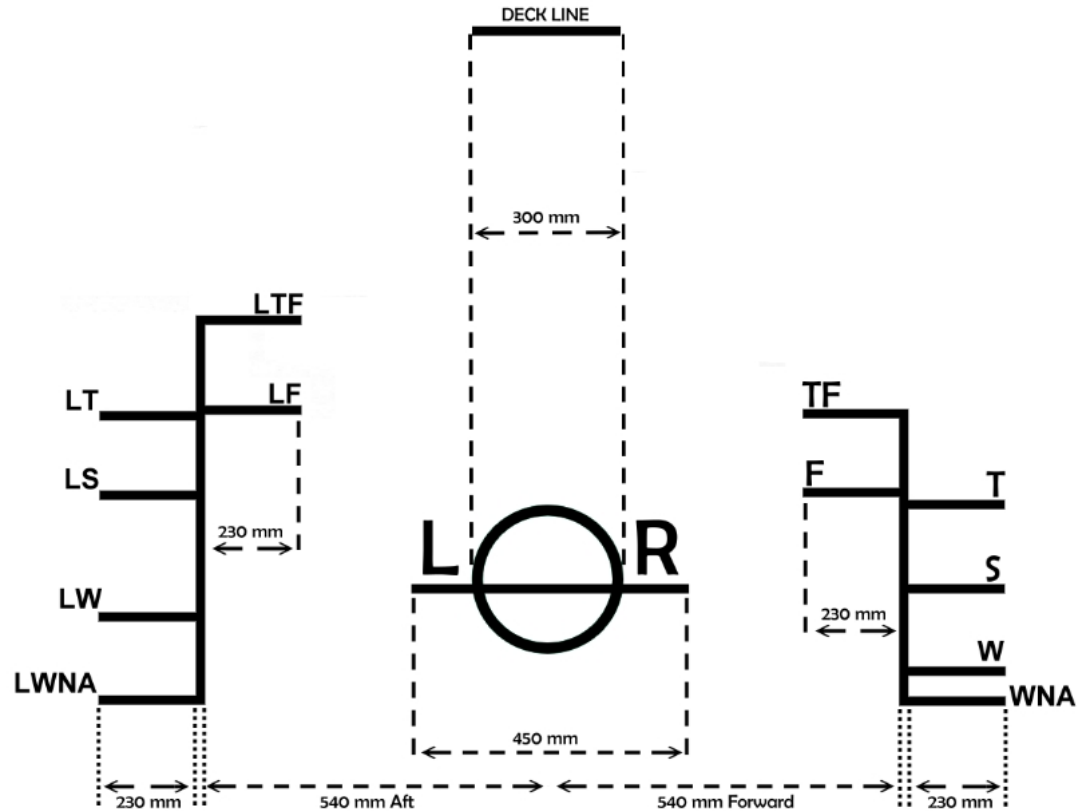
- Provide information about navigation safety and marine operations in Port Metro Vancouver:
 - How do we know a vessel is safe?
 - How is vessel traffic monitored and managed?
 - Explaining the role of other agencies (CCG, PPA, TC)
- Update on recent initiatives in the management of vessel discharges.

Classification Societies

In 1760, the Register Society was formed, which would become Lloyd's Register.

- Need for assessing quality of vessels
- Evaluate risks
- Keep as register of vessels

Samuel Plimsoll (1824-1898)



RMS Titanic (1912)



MS Herald of Free Enterprise (1987)



Initiated International Safety Management (ISM)



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Requirements for Ship Safety

- Flag State – Country of origin
- Classification Societies
- Ship Owner/Operator
- Charterers of vessels (Oil Majors)
- International Safety Management (ISM) code.
- Port State Control (TC) - destination

Agencies involved in securing safety

- **Transport Canada:**
 - Port State Control: all reports are shared internationally includes defects and repairs.
- **Canadian Coast Guard:**
 - Marine Communications and Traffic Services (MCTS)
 - Provides Vessel Traffic Services (VTS)
 - Regional Marine Information Centre (RMIC): 24/7 information clearing house for the Pacific Region.
- **Pacific Pilotage Authority (PPA):**
 - Mandatory for vessels over 350 gross tons
- **Port Metro Vancouver:**
 - 24/7 Operations Centre
 - Port Information Guide
 - Harbour Master can refuse entry for vessels not meeting standards

PMV 24/7 Operations Centre

24/7 PMV Operations Centre: 604-665-9086



Key Services:

- Marine Safety
- Supply Chain Efficiency & Reliability
- Emergency Management
- Port Security



**Canada's largest port
24/7 Operations and Security**

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New practices and procedures.

Black and Grey Water Discharge

The discharge of black water (waste from toilets) and grey water (waste from sinks, showers and drains) into the environment, by any vessel certified to carry more than 15 passengers or over 400 tons, is not permitted within the Port's jurisdiction. Pleasure craft must also ensure they comply with the regulatory restrictions and best management practices related to the discharge of black water and grey water within its jurisdiction.

All vessels should be retaining black/grey water on board, using pump out facilities as appropriate, or arranging for a collection barge/vessel to properly dispose of the waste while in the Port's jurisdiction.

In extreme circumstances, permission may be granted for the discharge of grey water into the environment from a deep sea vessel provided it is deemed by the Port not harmful to do so. A test for harmful substances/bacteria must be completed prior to any discharge. Contact the operations centre for more information.

Anyone who sees a vessel discharging sewage illegally is urged to record the incident (photo/video and details) and report it to Port Metro Vancouver's community complaint line at 604 665 9004. We will forward the information to the appropriate regulator.



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Thank you

Q&A