

# MAKING A SAFE PORT SAFER

2021-2022

Looking Closer at the  
Port of Prince Rupert's  
Reputation for  
Industry-Leading  
Marine Safety

2021-2022

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# MAKING A SAFE PORT SAFER

## A commitment to safe shipping is a top priority for the Prince Rupert Port Authority.

Planning and executing on the practices and procedures required to ensure that vessels and their cargoes keep moving safely in and out of the Prince Rupert Harbour is foundational to our ongoing sustainable growth. Success is realized through a coordinated effort between multiple government and industry partners, applying a collective oversight and safe passage of every vessel through round-the-clock safeguards.

PPRA is continuously evolving and improving its practices and procedures, and works with global and local experts and organizations to develop a deep understanding of marine risk and develop industry-leading practices in vessel handling and harbour safety.

The result is a global reputation for navigational safety. As the number of deep sea vessels calling on the Port of Prince Rupert potentially doubles from its current levels of nearly 600 annual visits over the next decade, maintaining that reputation is a priority.





## | A NATURALLY SAFE PORT

The Prince Rupert Harbour and its marine approaches are ice-free year round, and are blessed with several attributes that contribute to vessel safety.

**Short, direct access from open water:** Cargo vessels enter and exit Chatham Sound via the pilot station at Triple Island, an approximate 2-hour route which is much shorter and more direct than most west coast ports.

**Deep, sheltered harbour and approaches:** The Port of Prince Rupert is renowned for being one of the deepest harbours (34-44 metres) in the world, capable of handling all sizes and types of vessels, and protected from the full brunt of weather.

**Congestion free waterways:** The number of large cargo, fishing and recreational vessels is relatively low compared to major ports around the global, providing room to manoeuvre and greatly reducing the risk of collisions.

While the North Pacific can see significant storm events, in particular during the winter season, large cargo vessels are more than capable of managing within those conditions.

# PRINCE RUPERT HARBOUR & APPROACHES

PRINCE RUPERT PORT AUTHORITY

 Schedule A: NAVIGABLE WATER  
PRPA Jurisdiction

 Schedule B: PORT LAND  
PRPA Jurisdiction

 Main Roads

 Future Roads

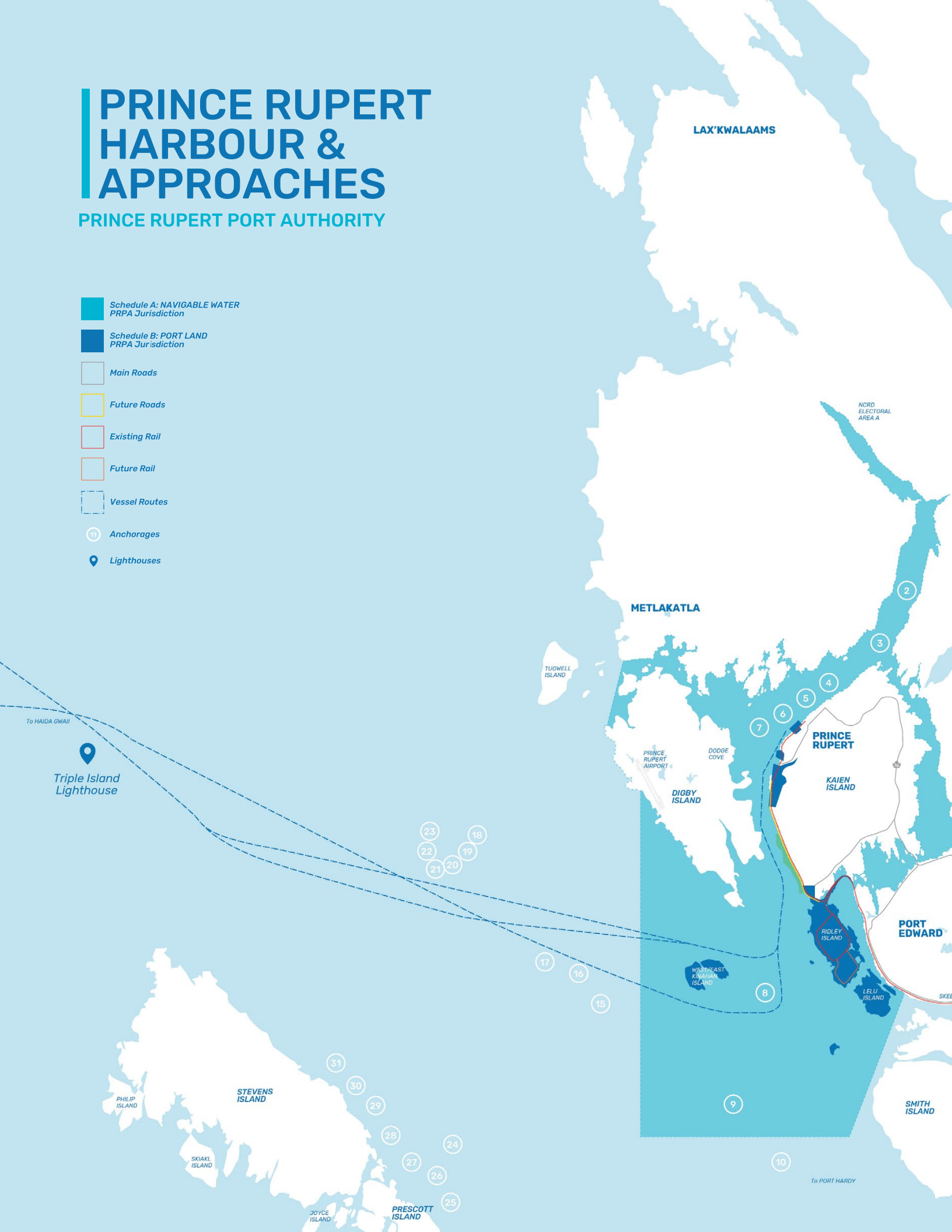
 Existing Rail

 Future Rail

 Vessel Routes

 Anchorages

 Lighthouses





# MAKING A SAFE PORT SAFER

PRPA places an emphasis on long-term planning, integrating activities and proactively defining and reducing risk. By applying international best-in-class procedures at the Port and engaging with PRPA's navigational service partners and local user groups to review its practices and procedures, the safety and efficiency of Port operations meets the highest standards and will only continue to improve.

PRPA's practices and procedures can be found within its Port Information Guide, a vital resource for vessels operating within the harbour. PRPA also makes targeted investments in navigational technology such as shore-based radar, Automatic Identification System installations, enhanced navigational aids and live wind, wave, current and tide sensors to ensure real-time awareness of vessels and their environment.

A coordinated effort between the Canadian Coast Guard's Marine Communications and Traffic Services, the Pacific Pilotage Authority, BC Coast Pilots, tug services like SAAM Towing, the Western Canada Marine Response Corporation, and the Prince Rupert Port Authority ensures round-the-clock collective oversight, proactive management, and safe passage of every vessel.

In the rare event that an incident would occur, providing an efficient and effective response is the goal of the Prince Rupert Port Authority's Emergency Operations Centre (EOC). Operating under the internationally recognized Incident Command System (ICS), the PRPA's EOC is staffed by employees specifically trained in emergency operations. In partnership with our marine and terminal partners, EOC staff participate in regular exercises designed to test emergency plans and procedures.

For more information on PRPA's practices and procedures, please visit [www.rupertport.com](http://www.rupertport.com), and view our Port Information Guide. For more information on marine shipping in Canada, PRPA recommends the resources found at Clear Seas Centre for Responsible Marine Shipping, an independent not-for-profit research centre that supports safe and sustainable marine shipping in Canada ([www.clearseas.org](http://www.clearseas.org)).

Canada's marine safety regime is governed by the Government of Canada. However, because marine shipping is an international activity there are also international safety regulations in place to ensure the safety of Canadian vessels and waterways. For more information on marine safety regulations, visit the Transport Canada website at [www.tc.gc.ca](http://www.tc.gc.ca).





**FOR MORE INFORMATION:**  
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