

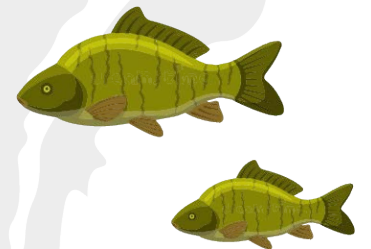
Marine shipping is safer

- Updated the [Pilotage Act](#) to ensure marine pilots taking control to navigate large vessels through ports, straits, lakes, rivers, and other Canadian waters have local knowledge before taking control.
- Removed or assessed over 50 abandoned and wrecked vessels in Quebec and established the [Wrecked, Abandoned or Hazardous Vessels Act](#), making it illegal to abandon a vessel in Canadian waters.
- Assessed the potential cumulative effects of marine vessel activities in the St. Lawrence and Saguenay Rivers in Quebec.
- Built stronger forecasts for weather and water surface currents to make shipping safer between Les Escoumins and Montreal.
- Updated and published navigational charts for seven Quebec harbours.
- Developed a targeted recruitment strategy for Marine Communications Traffic Services centres to attract candidates from coastal communities, including Quebec's North Shore.
- Developed dynamic tide models and current e-navigation products for the St. Lawrence River Quebec-Montreal Corridor to improve safety for mariners.



Greater protection for coastal ecosystems

- Changed the [Canada Shipping Act, 2001](#) to better protect marine ecosystems, including marine mammals, from the impacts of marine shipping and navigation activities. This change also strengthened the Canadian Coast Guard's ability to respond earlier, faster, and more effectively to potential emergencies and pollution incidents from ships.
- Funded 15 coastal aquatic habitat rehabilitation projects to restore local ecosystems to better support marine life.
- Signed 8 agreements to collect baseline environmental data and support for a broad scope of collaborative ecosystem-focused projects in the St. Lawrence Estuary.
- Studied migratory birds in the St. Lawrence River and estuary from Montreal to Anticosti Island to better understand to their habitat use and threats.
- Built models to show the full water cycle from the Great Lakes to the Atlantic Ocean, including the St. Lawrence Seaway, to help emergency responders better predict how oil would move in those waterways.



Improved prevention and response to marine incidents

- Ensured that the Canadian Coast Guard's Regional Operations Centres which monitor and assess marine incidents, including pollution events, are operational 24 hours a day, 7 days a week.
- Supported research scientists, meteorologists, and experts at the Canadian Meteorological Centre in Dorval, Quebec, to develop leading-edge technology to share with emergency responders. This work included coastal ocean, wave, and ice forecasts for Canada's three coastlines. The technology improves a responders' ability to estimate vessel drifts and react to local changes in environmental conditions.
- Delivered the Essentials of Marine Oil Spills Training annually in Québec City to improve preparedness and response to marine environmental emergencies.
- Studied how oil spreads in the St. Lawrence Seaway to understand how to respond in case of a spill.
- Trained and equipped fishery officers on every coast to support experts responding to marine mammals in distress.
- Increased capacity to support emergency preparedness and response by hiring 12 environmental emergency officers and notification agents at the National Environmental Emergencies Centre in Montreal.
- Installed emergency tow kits on the CCGS Amundsen, CCGS Des Groseilliers, CCGS Pierre Radisson, and CCGS Martha L. Black icebreakers, all based in Quebec City.



Increased collaboration with Indigenous and coastal communities

- Partnered with 8 Indigenous communities and organizations in the St. Lawrence region to hire local marine liaison officers for work on the Oceans Protection Plan.
- Collaborated with the Mamu Innu Kaikuseth Agency to organize an Oceans Protection Plan initiatives workshop to share information with local communities.
- Co-developed a web-based platform with the Innu Essipit First Nation Council and the First Nation of the Mohawks of Kahnawà:ke, along with 11 other Indigenous communities across Canada, which provides near real-time marine traffic and environmental data to help enhance local marine safety, environmental monitoring and protection, and manage waterway activities.
- Supported 5 Indigenous communities and organizations to share their knowledge and participate in Oceans Protection Plan initiatives.
- Met with Indigenous partners to share information on how to identify and remove vessels of concern from local waters that threaten navigation and the environment.
- Provided funding to the Nunavik Region to install bollards, equipment, replace pipelines for safer sealift/resupply operations, and upgrade equipment for petroleum product transfer in 13 northern communities in the Inuit region of Quebec.

