OCEANS PROTECTION PLAN
BY THE NUMBERS

Since 2016, Canada's Oceans Protection Plan has made marine shipping safer, increased protection for our marine species and coastal ecosystems, and improved Canada's ability to prevent and respond to marine incidents. This has been accomplished in collaboration with Indigenous Peoples, coastal communities, the marine industry, and academia.

Below are some facts about the work that’s been done so far.

## ACTIONS TO MAKE MARINE SHIPPING SAFER IN CANADA:

- **410** Arctic vessel inspections completed
- **33** Marine charts completed to improve navigation in 23 high priority commercial ports
- **10** New radars on the East and West Coasts for greater monitoring of marine traffic across Canada
- **32.4%** of the Arctic's ocean floor surveyed in key shipping corridors to help enhance navigation safety

August 2021

Government of Canada
Gouvernement du Canada
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### ACTIONS TO GIVE MARINE SPECIES AND ECOSYSTEMS MORE PROTECTIONS:

- **Over 43,000** HOURS
  - spent by Fishery Officers supporting marine mammal monitoring and emergency response, including large whale disentanglements from ocean pollution.

- **Nearly 22,000** HOURS
  - of Fishery Officers’ time dedicated to Marine Protected Areas.

- **Over 1,500** HOURS
  - of aerial surveillance, through the National Aerial Surveillance Program, to monitor endangered whale movements.

- **Over 300** ABANDONED VESSELS
  - Removed or assessed.

- **Over 1,200 KM**
  - of at-sea marine bird information collected to understand habitat use and threats.

- **75** FISHERY OFFICERS TRAINED
  - to handle beached marine animals, ensure safe fishery practices, and enforce regulations for species at risk.

- **7** SPECIFIC MARINE BIRD SPECIES
  - Studied with GPS tracking to understand habitat use and threats.

- **Over 60** NATIONAL PROJECTS
  - To restore coastal ecosystems to support marine life.

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**ACTIONS TAKEN TO IMPROVE MARINE EMERGENCY RESPONSE:**

- **16,000 KM**—longer than the diameter of the earth—of coastal imagery collected from a helicopter to better understand shoreline environments in an emergency.

- **OVER 4,500 PERSONNEL TRAINED** in the internationally recognized Incident Command System and/or Emergency Operation Centre Training.

- **OVER 3,200 PEER-REVIEWED** Arctic and Marine Oil Spill Program papers expanding Canada’s research on oil and hazardous materials.

- **OVER 1,300 HOURS** of aerial surveillance, through the National Aerial Surveillance Program, in the Arctic to detect pollution.

- **OVER 130** Marine Communications and Traffic Services infrastructure updates to provide better coverage and communications to mariners in remote areas.

- **5 WEATHER BUOYS DEPLOYED** on the East and West Coasts to provide data on winds, waves, and temperatures to foster safer navigation for mariners.

- **18** new Marine Communications and Traffic Services Officers hired for **12** sites across Canada to serve as one of the first responders to vessels in distress.

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**INCREASED INDIGENOUS AND COASTAL COMMUNITY COLLABORATION:**

- **18** infrastructure projects opened or being built on the East and West Coasts
- **OVER 1,200** engagement sessions with Indigenous communities to develop and improve marine safety measures and the Oceans Protection Plan
- **7** search and rescue stations
- **50** members of the first Indigenous-led Coast Guard Auxiliary work to improve local search and rescue capacity in Indigenous communities in British Columbia
- **2,000** datasets
- **600** licenses issued
- **13** Indigenous communities
- **14** Indigenous groups partnered with Canada through the first-ever Reconciliation Framework Agreement to develop and manage marine initiatives on the Pacific North Coast
- **1,200** engagement sessions
- **8** pieces of legislation created or updated to strengthen marine safety and environmental protections including: Pilotage Act, Canada Shipping Act, Marine Liability Act, the Wrecked, Abandoned or Hazardous Vessels Act, Arctic Shipping Safety and Pollution Prevention Regulations, and the Oil Tanker Moratorium Act
- **13** Indigenous Communities

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