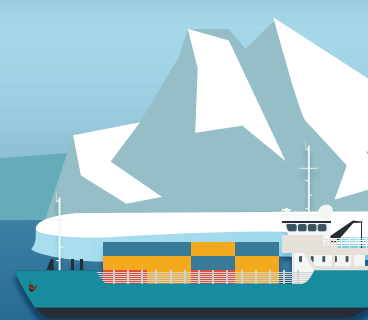# OCEANS PROTECTION PLAN
BY THE NUMBERS

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 in the first five years of the plan.

ACTIONS TO MAKE MARINE SHIPPING SAFER IN CANADA:

410
ARCTIC VESSEL INSPECTIONS COMPLETED

49
MARINE CHARTS COMPLETED
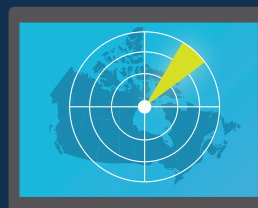to improve navigation in 23 high priority commercial ports

18
INFRASTRUCTURE PROJECTS
in Northern Canada to improve marine safety and resupply operations

112,000 KM²
of the Artic Ocean surveyed to modern standards by the Canadian Hydrographic Service

8
NEW RADARS
on the East and West Coasts for greater monitoring of marine traffic across Canada

42.5%
of the Arctic's ocean floor surveyed in key shipping corridors to help enhance navigation safety

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*

Government of Canada   Gouvernement du Canada

Canada

OCEANS PROTECTION PLAN
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ACTIONS TO GIVE MARINE SPECIES AND ECOSYSTEMS MORE PROTECTIONS:

OVER
44,000
HOURS

of Fishery Officers' time spent supporting marine mammal monitoring and emergency response, including large whale disentanglements from ocean pollution

NEARLY
15,000
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

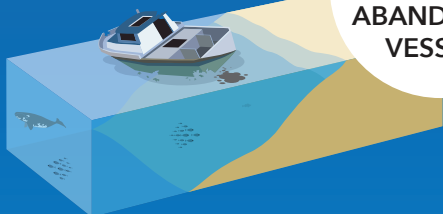Worked with **78** **INDIGENOUS GROUPS** to study the impacts of marine shipping on the environment and on Indigenous communities

Removed or assessed **ALMOST 500 ABANDONED VESSELS** that threaten the environment and/or navigation from the water

8 **SPECIFIC MARINE BIRD SPECIES** studied with GPS tracking to understand habitat use and threats

OVER 1,200 KM 2.5 times the size of the Grand Canyon

of information collected while at sea to understand marine bird habitat use and threats

OVER 60 NATIONAL PROJECTS covering more than 650 km² of aquatic habitat along our coasts, to restore coastal ecosystems to support marine life

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ACTIONS TAKEN TO IMPROVE MARINE EMERGENCY RESPONSE:

25,000 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 1,500 HOURS of aerial surveillance, through the National Aerial Surveillance Program, in the Arctic to detect pollution

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

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

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

7 SEARCH AND RESCUE STATIONS opened or being built on the East and West Coasts

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

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INCREASED INDIGENOUS AND COASTAL COMMUNITY COLLABORATION:

OVER 1,800 ENGAGEMENT SESSIONS with Indigenous communities to develop and improve marine safety measures and the Oceans Protection Plan

50 MEMBERS of the first Indigenous-led Coast Guard Auxiliary work to improve local search and rescue capacity in Indigenous communities in British Columbia

OVER 2,000 DATASETS **600 LICENSES ISSUED** AND **13 INDIGENOUS COMMUNITIES** partnering in the Enhanced Maritime Situational Awareness system to use near real-time data to help them see what's going on in their marine environment and make decisions about safety

SUPPORTED OVER 750 PEOPLE from underrepresented groups—like women, Indigenous Peoples, and Northerners—to find jobs in the marine industry

14 INDIGENOUS GROUPS partnered with Canada through the first-ever Reconciliation Framework Agreement to develop and manage marine initiatives on the Pacific North Coast

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