

Regional Assessment in the Ring of Fire Area
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Federal Authority Advice Record

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In providing your responses to the items below, please include any relevant information on associated Indigenous, public or other consultation or engagement activities and identify any partners or collaborations.

1. MANDATE AND AREA(S) OF EXPERTISE

Clearly outline the mandate of your department or agency and detail your area(s) of responsibility or expertise that may be related to the regional assessment

The Canadian Coast Guard (CCG) owns and operates the federal government's civilian fleet and provides key maritime services to Canadians. As a Special Operating Agency, it helps the Government of Canada ensure safe and accessible waterways and plays a key role in supporting the sustainable use and development of Canada's oceans and waterways. The CCG's mandate is established in two federal laws: the Oceans Act and the Canada Shipping Act. Together they give the CCG responsibility to deliver essential maritime services, including:

- Aids to navigation (e.g., buoys, beacons, lights)
- Channel maintenance
- Marine search and rescue (SAR)
- Marine pollution response and hazardous vessel response
- Icebreaking and ice-management services
- Marine communications and traffic management services
- Support to other government departments and agencies by providing ships, aircraft and other marine services for joint priorities or missions

2. REGULATORY AUTHORITIES

List and summarize the nature of the regulatory authorities of your department or agency in relation to physical works or activities in the Ring of Fire area.

In the Ring of Fire area, CCG does not have direct permitting authority over land-based mining or construction, but it does have regulatory authorities related to waterways and marine operations that could be affected by physical works. The services provided are mandated under legislation such as the Oceans Act, the Canada Shipping Act (2001), the Marine Liability Act, the Arctic Waters Pollution Prevention Act, the Wrecked, Abandoned or Hazardous Vessels Act, and the Emergency Management Act, and the CCG's activities also align with other acts including the United Nations Declaration on the Rights of

Indigenous Peoples Act, the Impact Assessment Act, and the Canadian Energy Regulator Act.

3. EXPERT INFORMATION OR KNOWLEDGE

List and summarize the specialists or expert information or knowledge that your department or agency has that may be relevant to the regional assessment. Include all research, reports and data sets in this response inventory.

CCG holds specialized operational expertise, technical knowledge, and nationally managed datasets that are relevant to a Ring of Fire regional assessment, particularly where proposed development activities intersect with navigable waters. While CCG does not generate mining or terrestrial infrastructure research, it provides authoritative federal expertise on marine safety, navigation, and emergency response that can inform assessment of risks and effects associated with physical works near or on water.

CCG's key specialists include marine navigation and waterways management experts responsible for assessing navigational hazards, planning and maintaining Aids to Navigation (buoys, beacons, lights), and advising on safe routing and hazard mitigation where vessel activity may increase due to project-related transport. CCG also has Marine Communications and Traffic Services (MCTS) which provide real-time communications, broadcast safety information, and manage vessel reporting and traffic services in Canadian waters. These functions generate operational knowledge and records that can be used to understand vessel activity patterns, incident trends, and navigation risks. CCG's Search and Rescue (SAR) coordinators provide expertise related to emergency preparedness and response requirements, including the types of incidents likely to occur in remote regions with limited infrastructure and high environmental variability.

CCG also maintains specialized expertise and capability through its Environmental Response program, including trained responders and equipment used for marine pollution response. This includes knowledge relevant to spill scenarios (e.g., diesel releases, hazardous materials, or debris from construction or transport activities) and response planning for remote areas where access is constrained. CCG's regulatory and operational experience with pollution incidents provides expert input on risk prevention, response logistics, and potential environmental consequences in water environments.

CCG assets that support this expertise include its fleet (ships and smaller vessels that can support operations, surveys, logistics, and emergency response), MCTS infrastructure, and environmental response equipment caches. [Full list of CCG Arctic Region's Assets attached in the email].

Key information resources relevant to the assessment include CCG's Aids to Navigation information, Notices to Mariners, and waterways management information (hazards, obstructions, and navigational conditions). CCG also provides access to official navigation-related datasets through national platforms such as the e-Navigation Portal, which aggregates

authoritative federal marine information including navigational warnings, ice information, and other operational data products.

CCG also works closely with Indigenous communities, governments, and organizations across the Arctic Region to support safe marine transportation, emergency response, and environmental protection. This collaboration includes regular engagement to incorporate local and Indigenous knowledge into operational planning, coordination with community leadership during incidents, and partnerships that strengthen on-water safety capacity. CCG also works with Indigenous partners through initiatives such as the Canadian Coast Guard Auxiliary and community-based response networks, helping improve local readiness for search and rescue and marine pollution response in remote areas where communities are often the first to observe hazards or respond.

4. POLICIES, PROGRAMS OR INITIATIVES

List and summarize the past, current and planned policies, programs or initiatives of your department or agency that may be relevant to the regional assessment. Include an outline of related funding initiatives in this response and provide information on geographic locations, next steps and timing for the program/initiative.

CCG is a civilian response organization that provides emergency response services in marine environments. Services include SAR, Marine Hazards and Environmental Response, Icebreaking and escort services, Aids to Navigation, MCTS services, and more, which collectively address marine safety, navigation, spill preparedness, and emergency response capacity in remote and ice-affected waters.

5. Outline any additional responsibilities, information or knowledge and any partners or collaborations that have not been specified, above.

NIL.