

Canadian Polar Commission

Canada's National Institution for Polar Knowledge and Awareness

Our Growing Network

Federal Government Northern

- Aboriginal and Northern Affairs
- Environment
- Natural Resources
- Fisheries and Oceans
- Canadian Space Agency

International



Northern Research Institutes and Governments

- Nunavut Research Institute
- Yukon Research Centre
- Aurora Research Institute (NWT)



ArcticNet

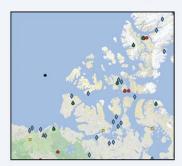
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Canadian Network of Northern Research Operators

Canadian Polar Commission



Public Outreach

- Canadian Museum of Nature
- Royal Canadian Geographical Society

Canadian Aboriginal Organizations

Nations with Polar Interests

















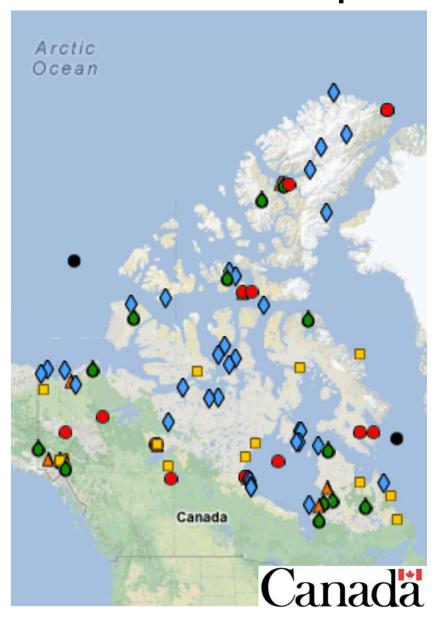
Canadian Network of Northern Research Operators (CNNRO) Réseau canadien d'opérateurs de recherche nordique

Provide a forum for Canadian Research Operators
~35 members (as wide a representation as possible)
Facilities support diverse research activities
Facilities vary greatly in size and budget

Aim: To ensure that Canada maintains an appropriate Northern research infrastructure.

Activities: sharing information and concerns, improving efficiency and lowering costs by working collaboratively.

The CNNRO web-site is: http://www.cnnro.ca



The Canadian High Arctic Research Station, will be on the cutting edge of Arctic issues [...]serving Canada and the world



The Station will be a "hub" of Canada's network of Arctic research facilities that includes laboratories, field camps, monitoring sites, ships, and satellites. It will pursue impact through robust partnerships.

The Station's S&T Program will pursue a series of priority outcomes under the themes: Resource Development, Exercising Sovereignty, Environmental Stewardship and Climate Change, and Strong and Healthy Communities.



Canada's Inuvik Satellite Station Facility (ISSF)

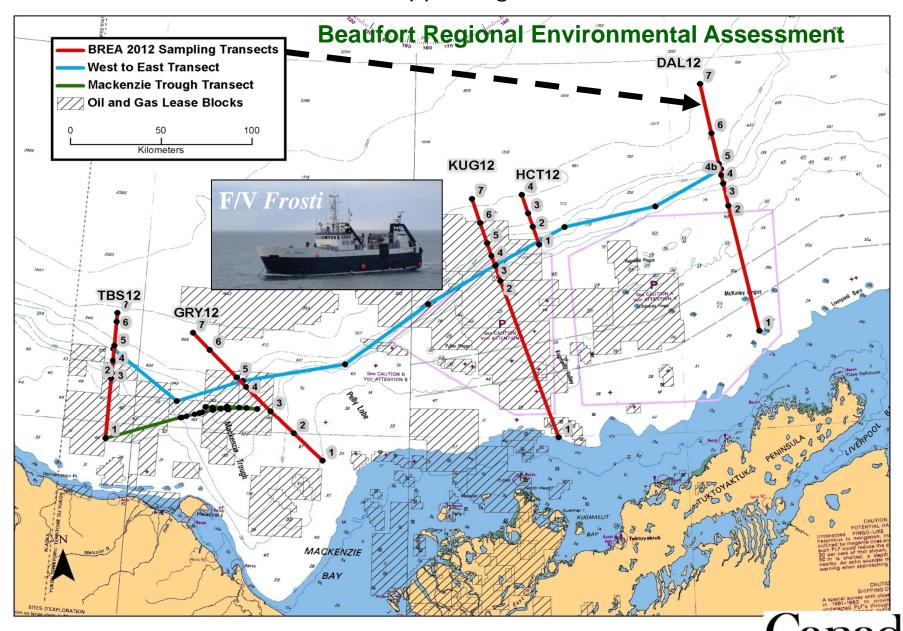


- The ISSF is uniquely positioned to receive Earth Observation satellite data over Canada's North.
- Earth Observation and Remote Sensing support northern monitoring (e.g. snow cover, permafrost) for applications such as infrastructure planning and ecosystem reporting.
- The ISSF currently hosts two international antennas.
- A Canadian antenna will be installed in 2014.
- Expansion of the facility is underway to meet the increasing demand.
- Canada is revitalizing its cross-Canada satellite infrastructure by also installing new antennas at its other facilities in Saskatchewan and Québec in 2013 and 2014.

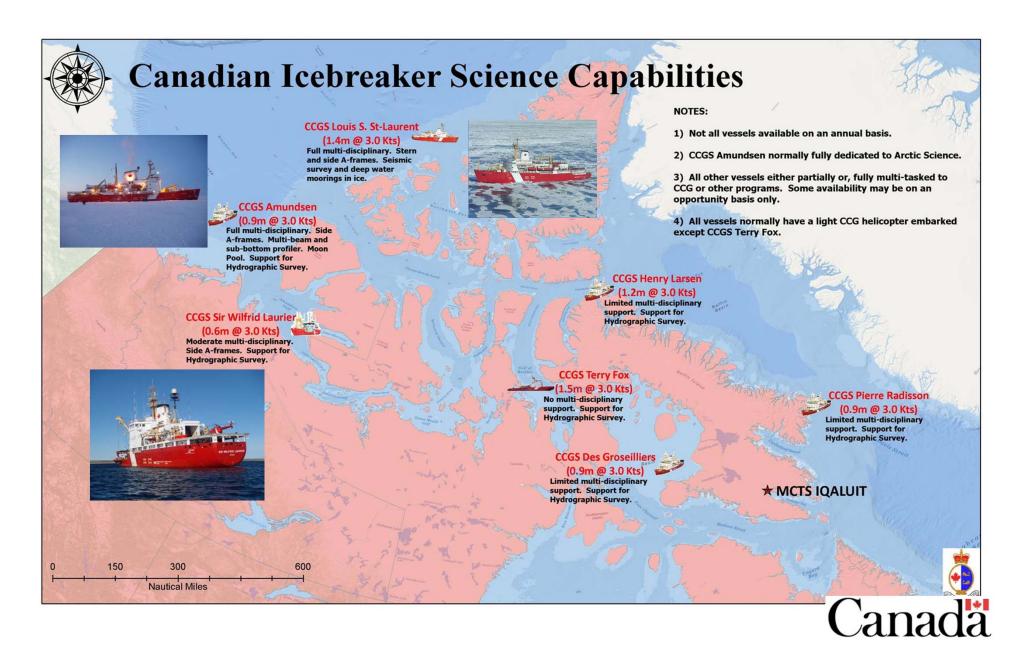




Canadian Coast Guard: Supporting Science in Canada's Arctic



Canadian Icebreaker Science Capabilities



Polar Icebreaker: CCGS John G. Diefenbaker

