

Canada's Perspective: considering geographical expansion of NORAD

all ideas presented in the following are of the author, and
are not representative of the Canadian Armed Forces

NORAD

Established 1957:
“Continental Defence”

DETER, DETECT,
DENY, DEFEAT



NORAD and the Arctic

- respond to growing Chinese ambitions and re-emergence of Russian activity in the polar region



Modernization

A faded, semi-transparent image of a Canadian CF-18 Hornet fighter jet in flight. The aircraft is shown from a high-angle, rear-quarter perspective, flying over a coastal area with visible water and land. The word "Canada" is visible on the side of the fuselage, and the number "145" is on the nose. The overall image has a light, misty appearance, serving as a background for the text.

- updating surveillance systems
- multi-domain warning system
- enhancements to command, control, and communication (C3)
- new infrastructure
- modern technologies

Strategic Vision

- all-domain operational capabilities
- “to compete globally, we must be strong at home”
- strengthening military ties with regional partners



4 Strategic Principles

1. Global Integration (GI)

2. All-Domain Awareness (DA)

3. Information Dominance (ID)

4. Decision Superiority (DS)





**MAP
OF
NORTH
AMERICA?**

Greenland



Mexico



Advantages:

- extend early-warning redlines
- aggregate resources & intelligence sharing
- enhance regional security in vital areas



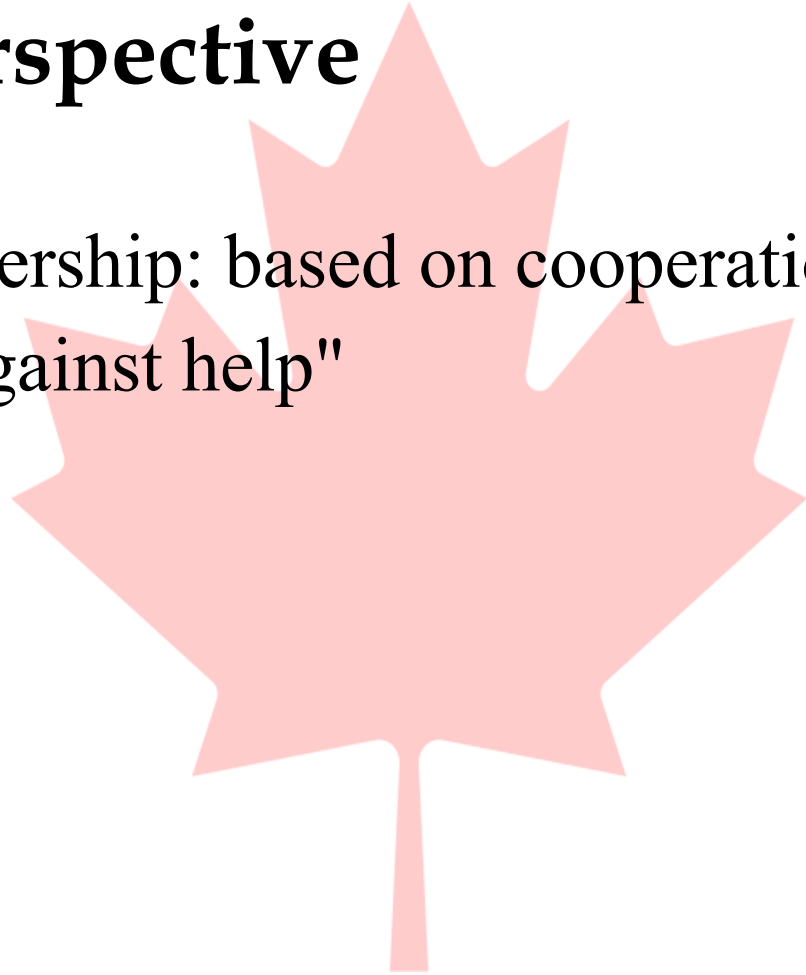
Disadvantages:

- re-prioritization of core goals
- high transactional costs
- unsecure information sharing pipelines and cyber domain



Canadian Perspective

- equal partnership: based on cooperation
- “defence against help”



Functional Expansion



Resiliency @ Home

- strengthen infrastructure
- develop & acquire advanced technology
- build comprehensive capabilities



Enhance Existing Multinational Efforts

- invite partners into planning & execution of exercises
- standardization



Information Sharing

- coordinate intelligence gathering and dissemination
- building a global network





Conclusion