

Priorities for ISS Utilization at the Canadian Space Agency

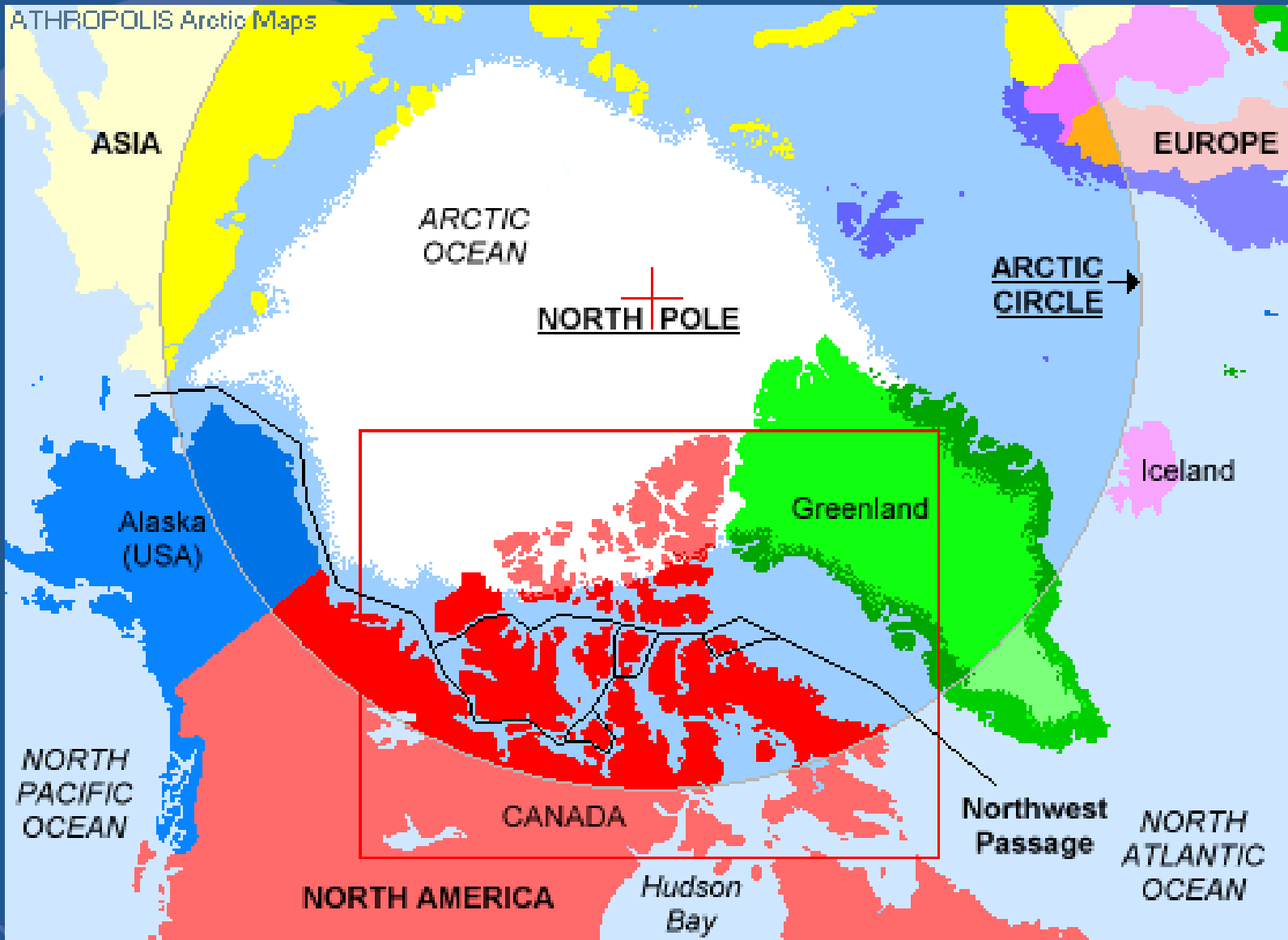


Nicole Buckley

April 2012



ATHROPOLIS Arctic Maps



EXPLORATION SPATIALE
SPACE EXPLORATION



Cabot 1497



EXPLORATION SPATIALE
SPACE EXPLORATION



Franklin 1845



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Photos: Saša Petricic.

http://www.cbc.ca/news/photogalleries/flash/sasa_arctic.html?gallery=sasa_arctic

EXPLORATION SPACE EXPL





Exploration on Earth

- Commercial-Off-the Shelf Technology and state of the art
- Crew selection and health critical
- Familiar resources in extreme environment
- Interactions with aboriginals
- Goals achieved over several centuries
- High risk but potential high economic benefit
- Unforeseen benefits
- Centuries







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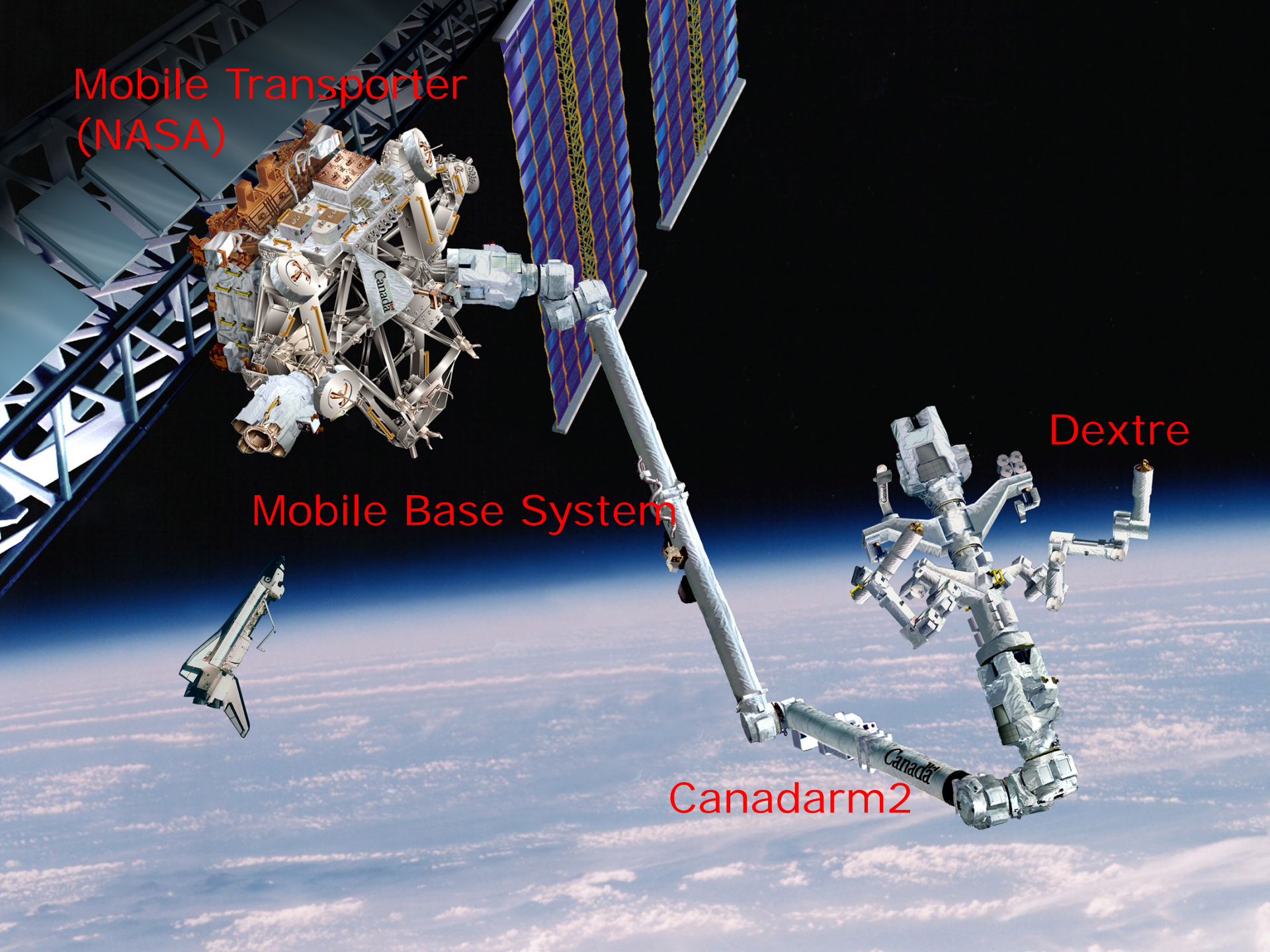
Image courtesy of NASA

Mobile Transporter
(NASA)

Mobile Base System

Dextre

Canadarm2





Canadian Space
Agency

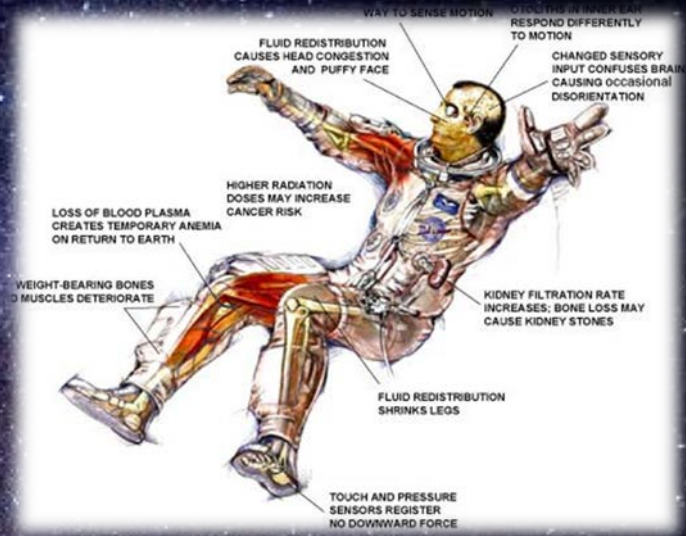
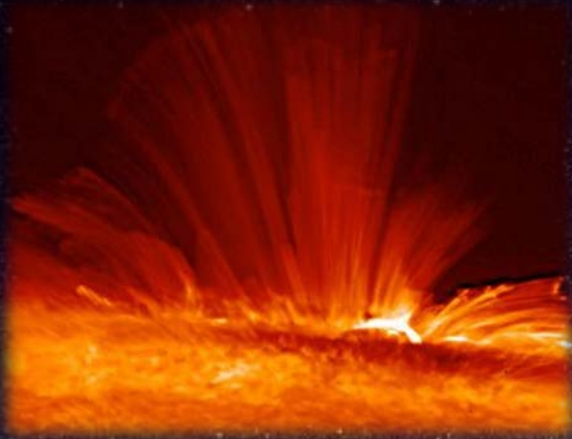
Agence spatiale
canadienne



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Canada





Some space and aging parallels and interests

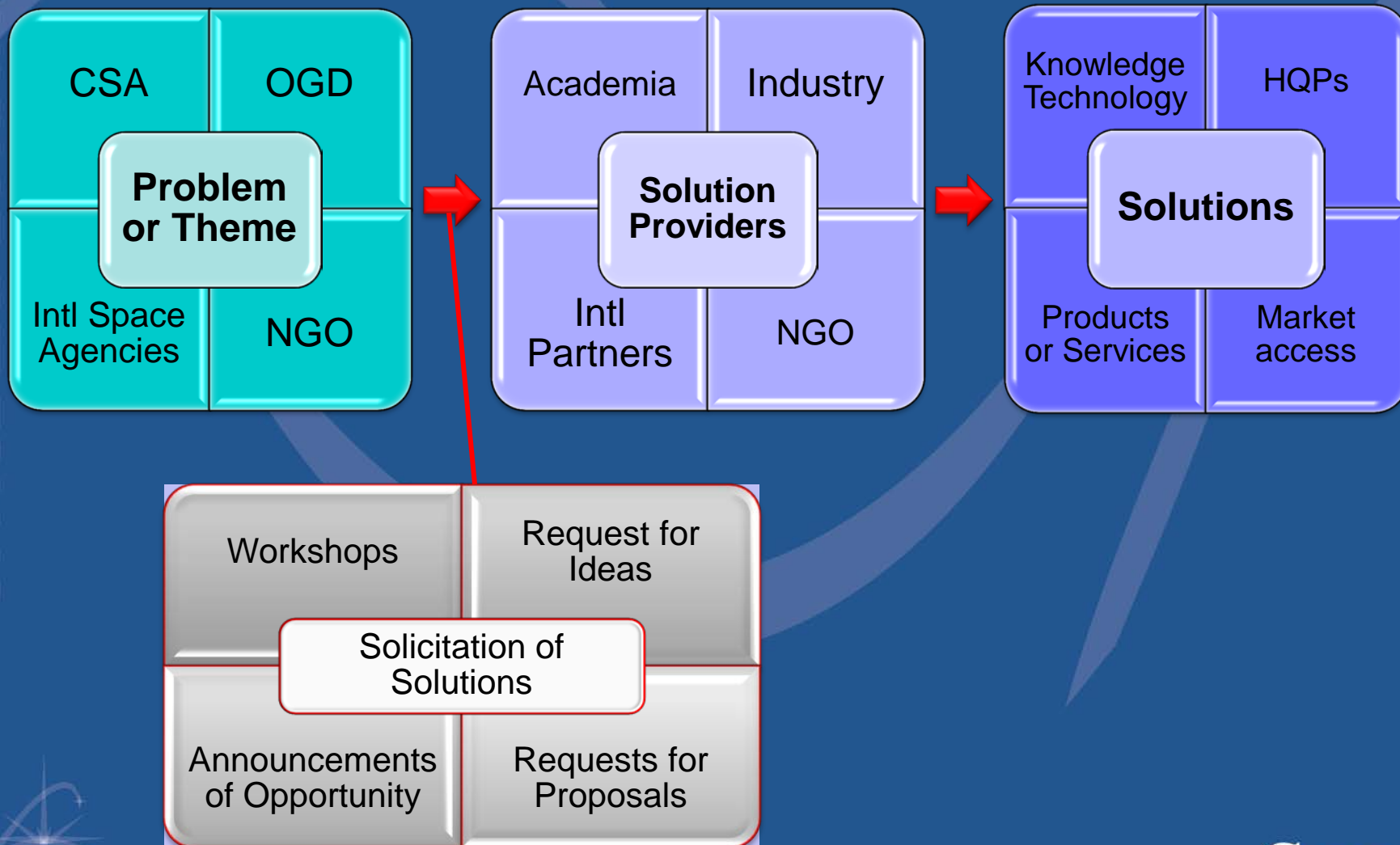


Astronaut Bob Thirsk in
space twenty years ago
and today.





CSA's Shared Problem Open Innovation Model



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