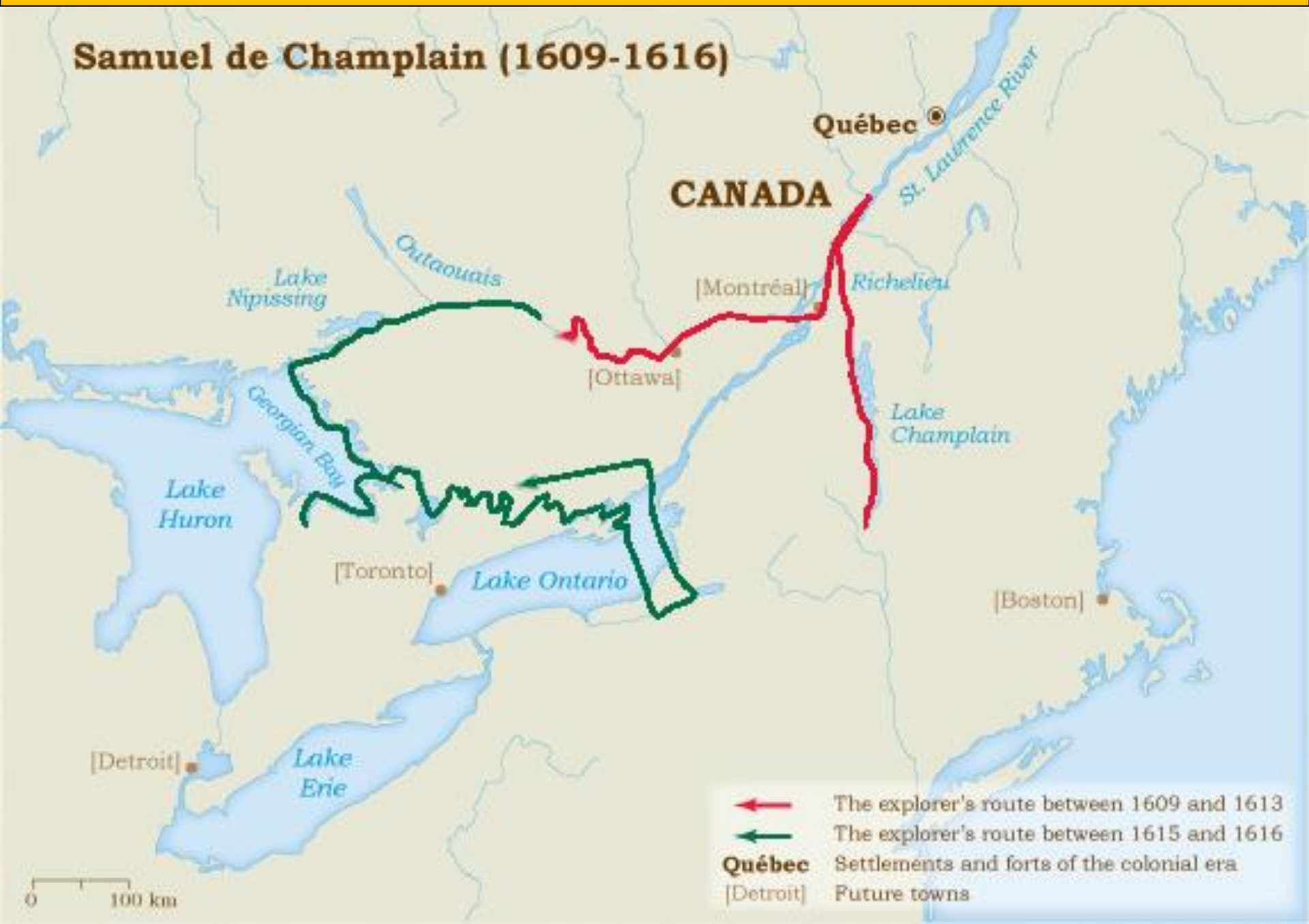


Canada's future **A**rctic expansion & **N**orth west passage

CANADA (*past-present-future*)

- **French & British colony**
- **Independent**
 - *Western expansion*
 - *Confederation*
- **Middle Power**
 - *Arctic expansion*
- **Global power***

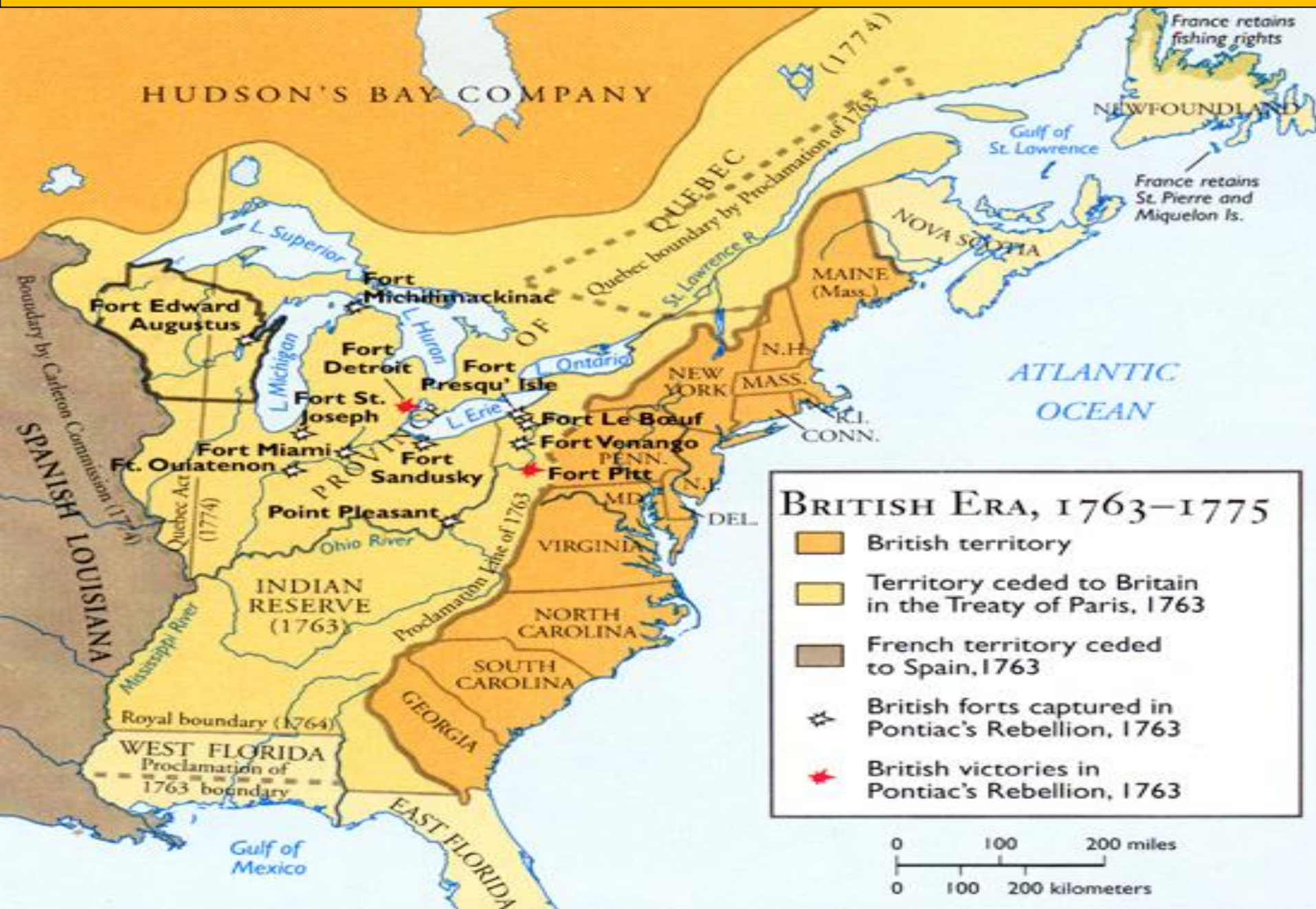
French settlements - 17th century



French colony - 18th century



British colony - 18th century



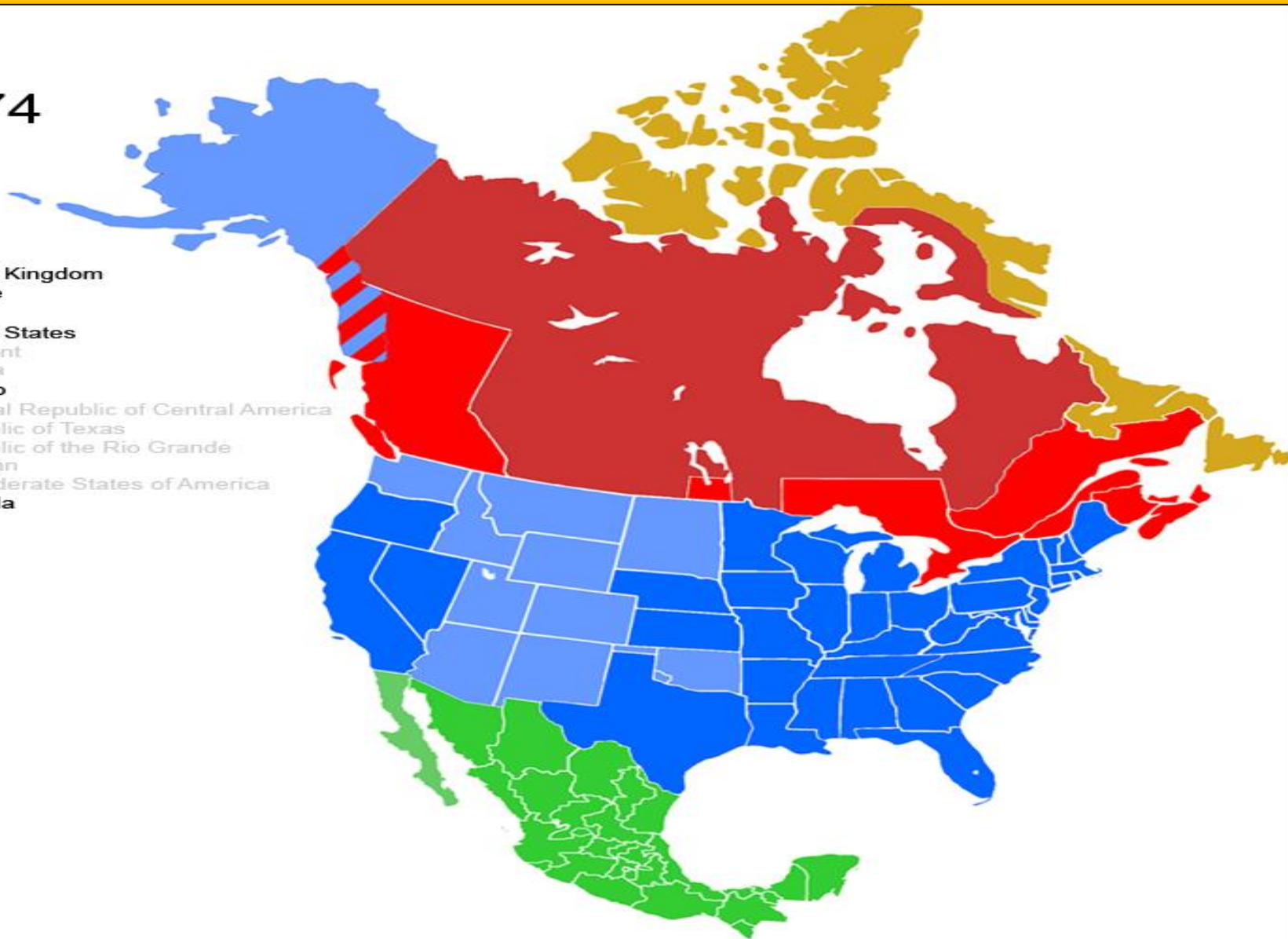
British & French - 18th century



Independent & Confederation - 19th century

1874

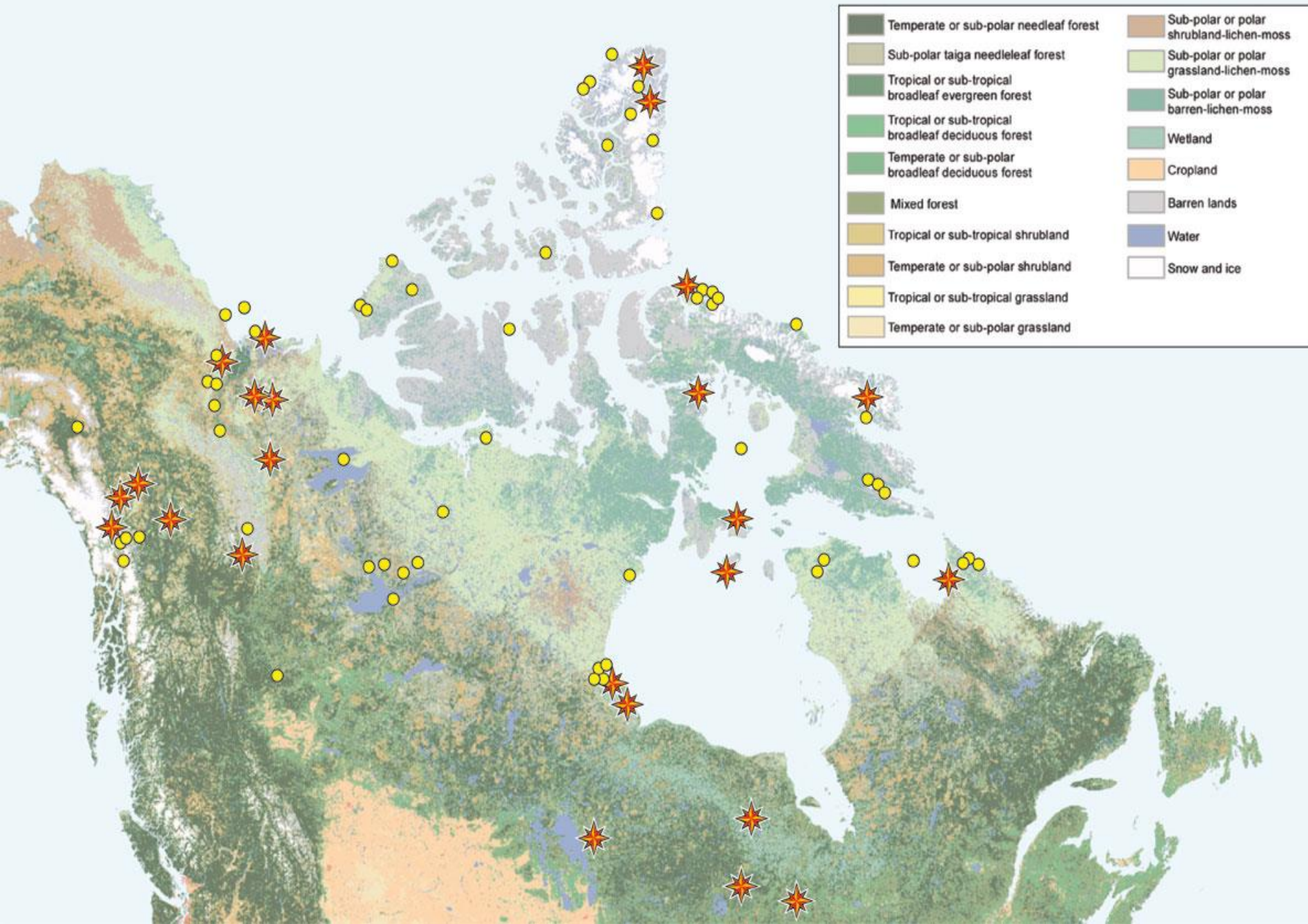
- United Kingdom
- France
- Spain
- United States
- Vermont
- Russia
- Mexico
- Federal Republic of Central America
- Republic of Texas
- Republic of the Rio Grande
- Yucatán
- Confederate States of America
- Canada



Middle power - 20th century



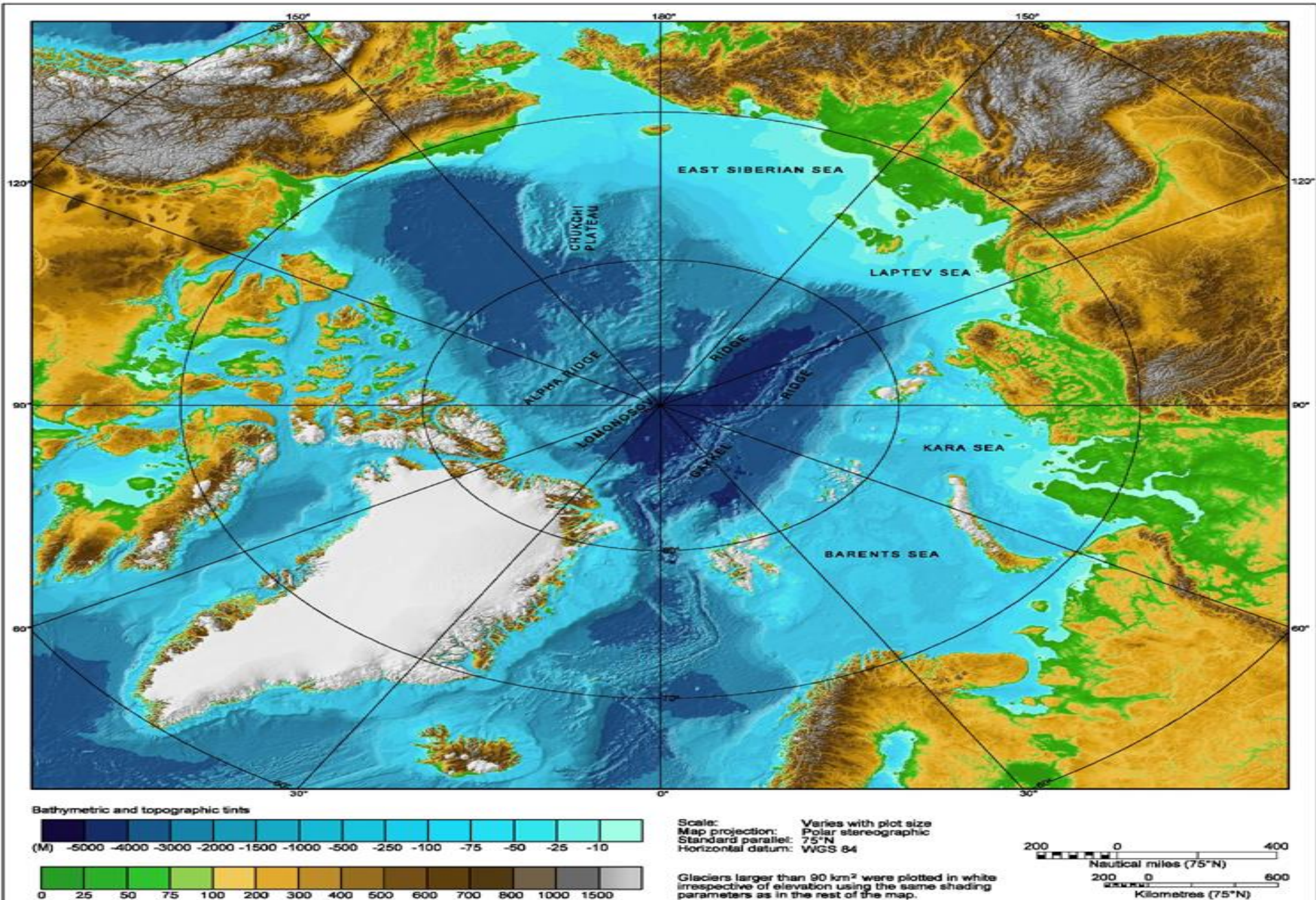
Global power - The North - 21st century



Canada's polar strategy & expansion & destiny

- **Climate change**
- **Ice melting**
- **Availability of massive production factors** (*without firing a shot*)
 - *Huge fertile lands*
 - *Abundant minerals & commodities*
- **Prerequisite: Population & Labour**
 - *Target min Population: 70 million*
- **Vibrant Cities up North**
- **South-North & vertically integrated infrastructure (roads, rail and lines)**
 - *Churchill - ᑕᓄᓃᐅᐅᑦ(Kuugjuaq), Manitoba*

The Arctic – Sea Routes & Last resources ...



Strategic Sea route –North west passage



Pacific-North West Passage sea route to NA&EU



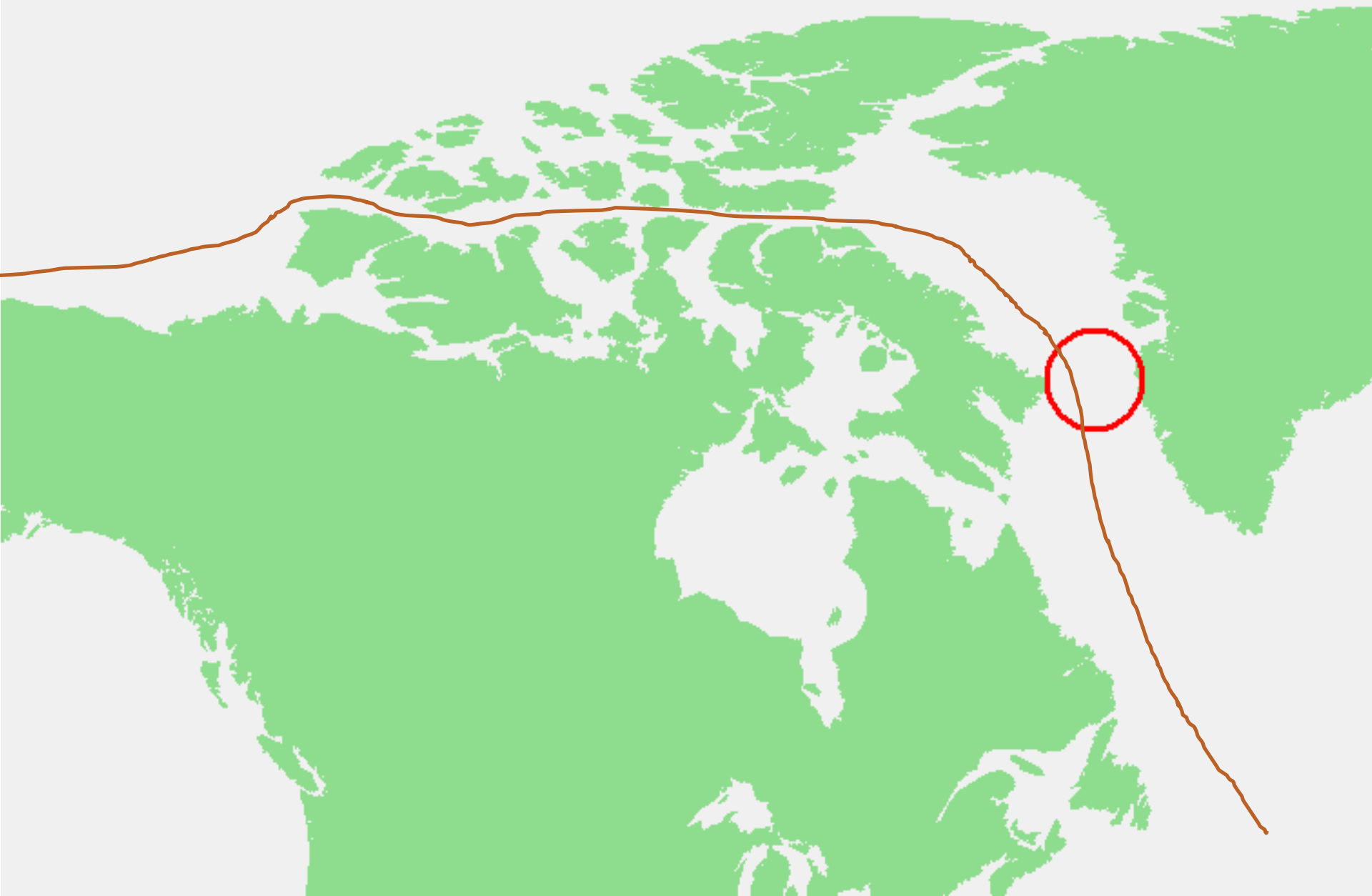
Strategic Sea route –North west passage



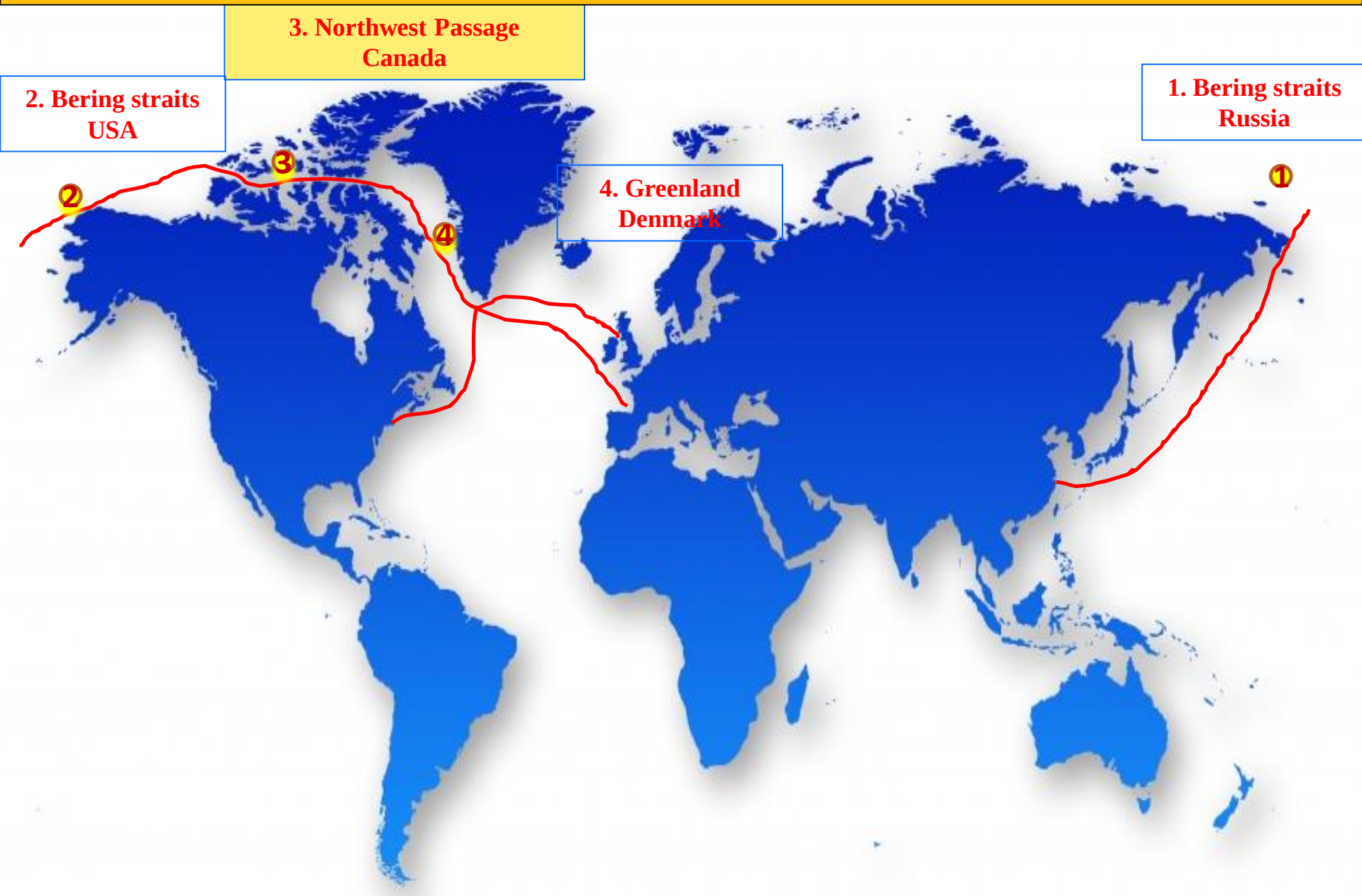
North west or PBV passage – (Parry-Baffin-Davis)



North west or PBV passage – (Parry-Baffin-Davis)



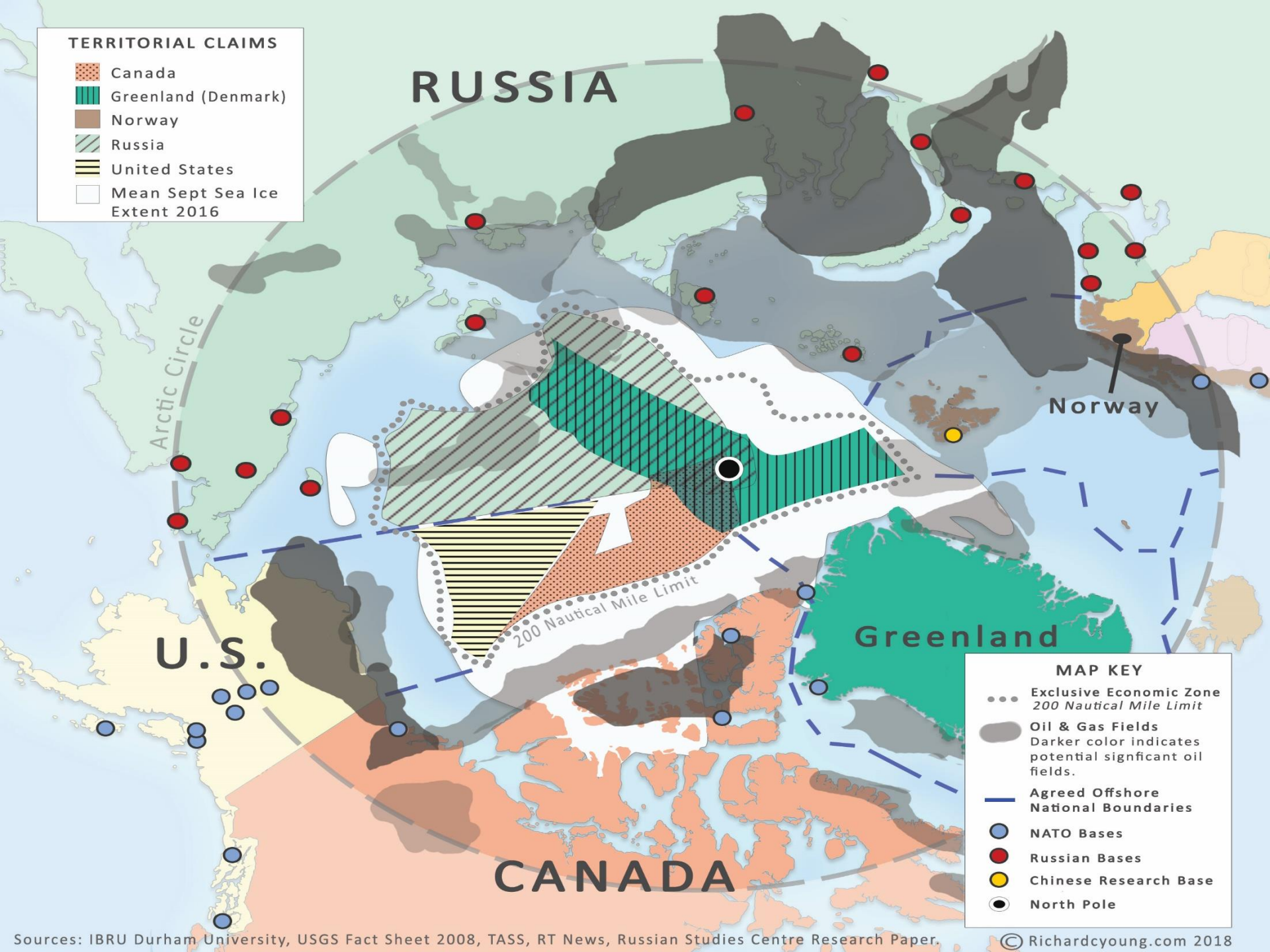
Northwest Passage - Global Strategic Sea route



- **Who controls the Arctic?**
- **Who claims the Arctic?**
 - *Hans island*
 - *Beaufort sea*

Who Controls the Arctic Circle

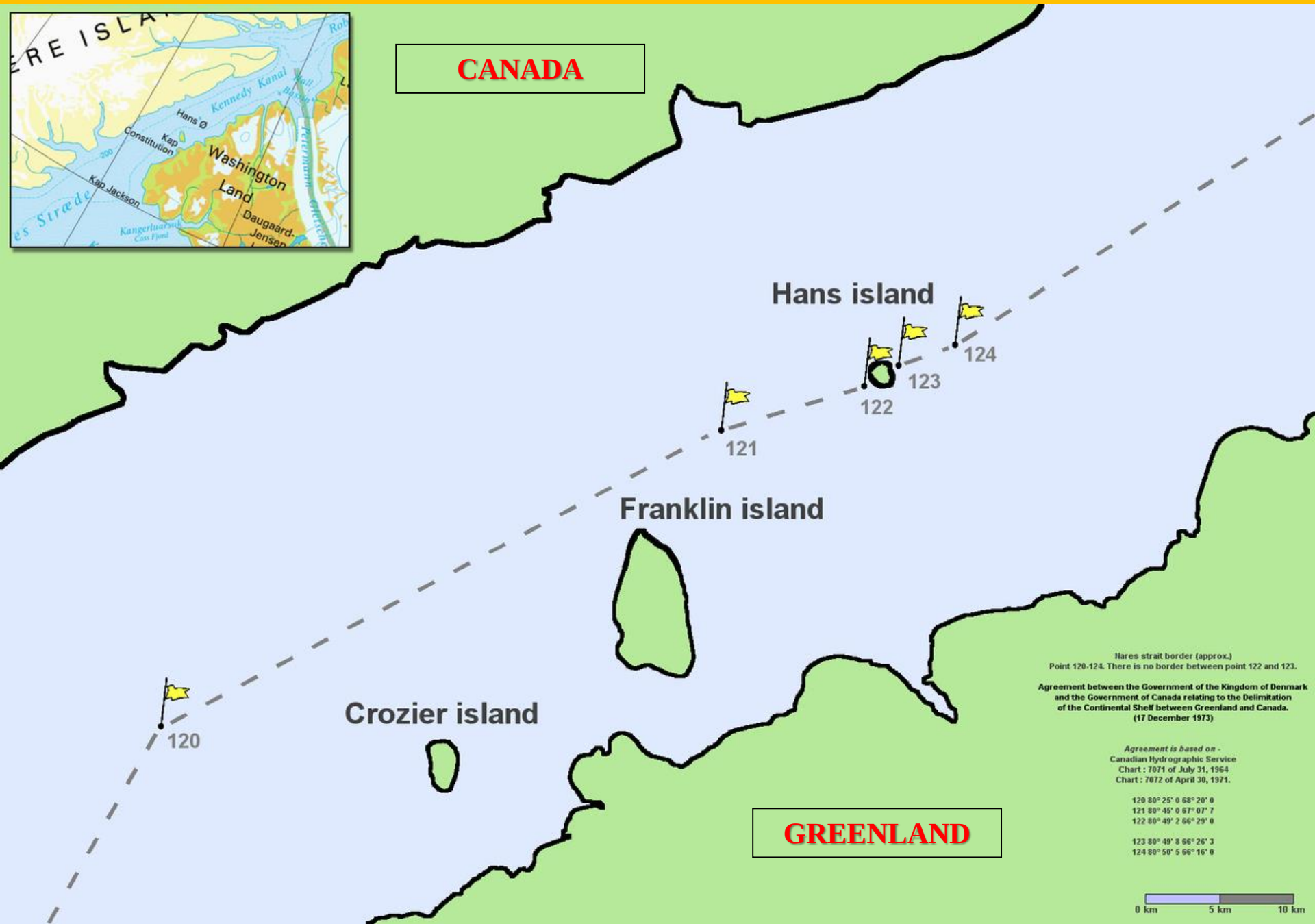




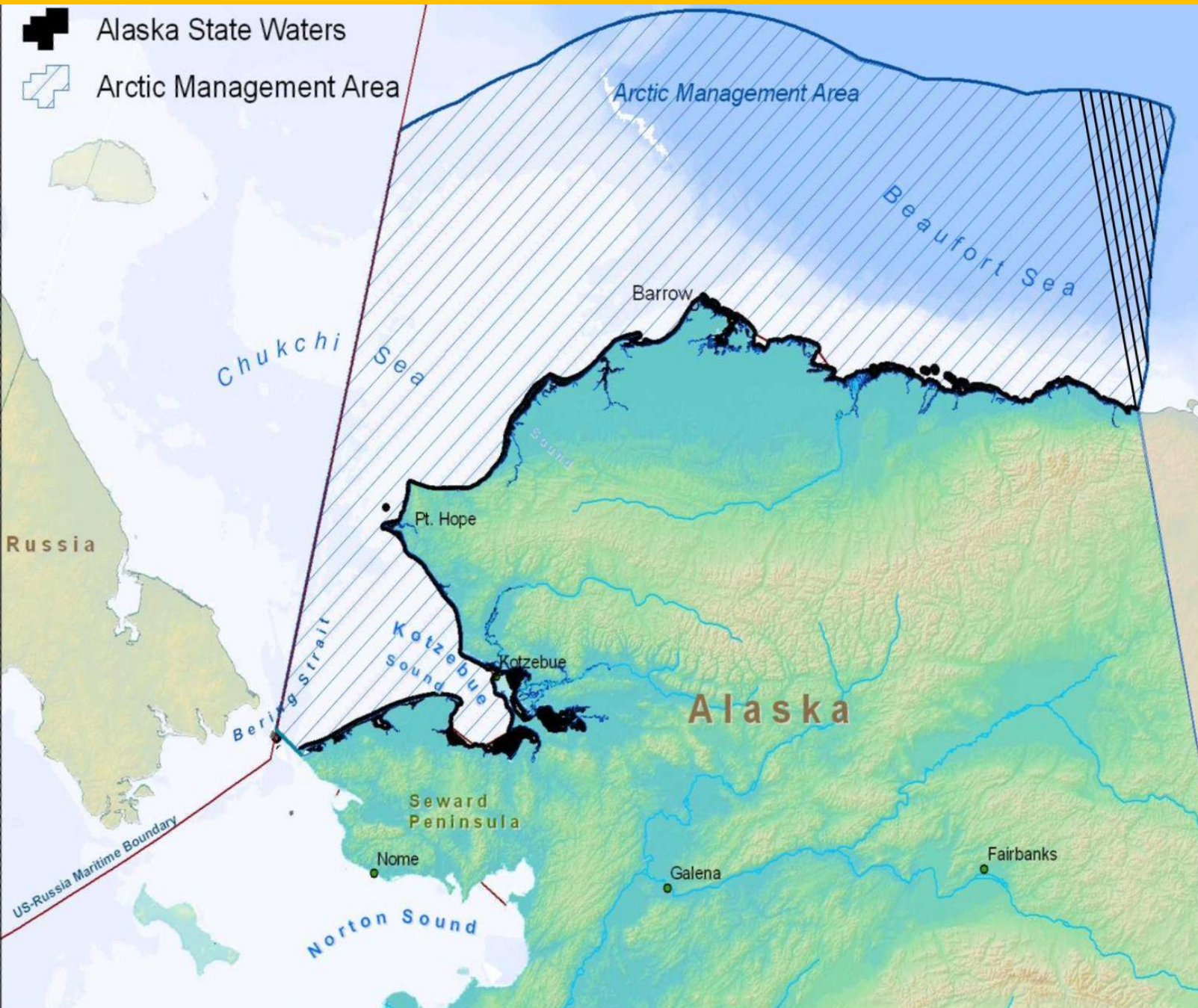
Hans island (disputed island between Canada & Greenland-Denmark)



Hans island



Beaufort Sea (disputed sea region between Canada & USA)



Cross-hatched regions is claimed by both Canada and the United States.

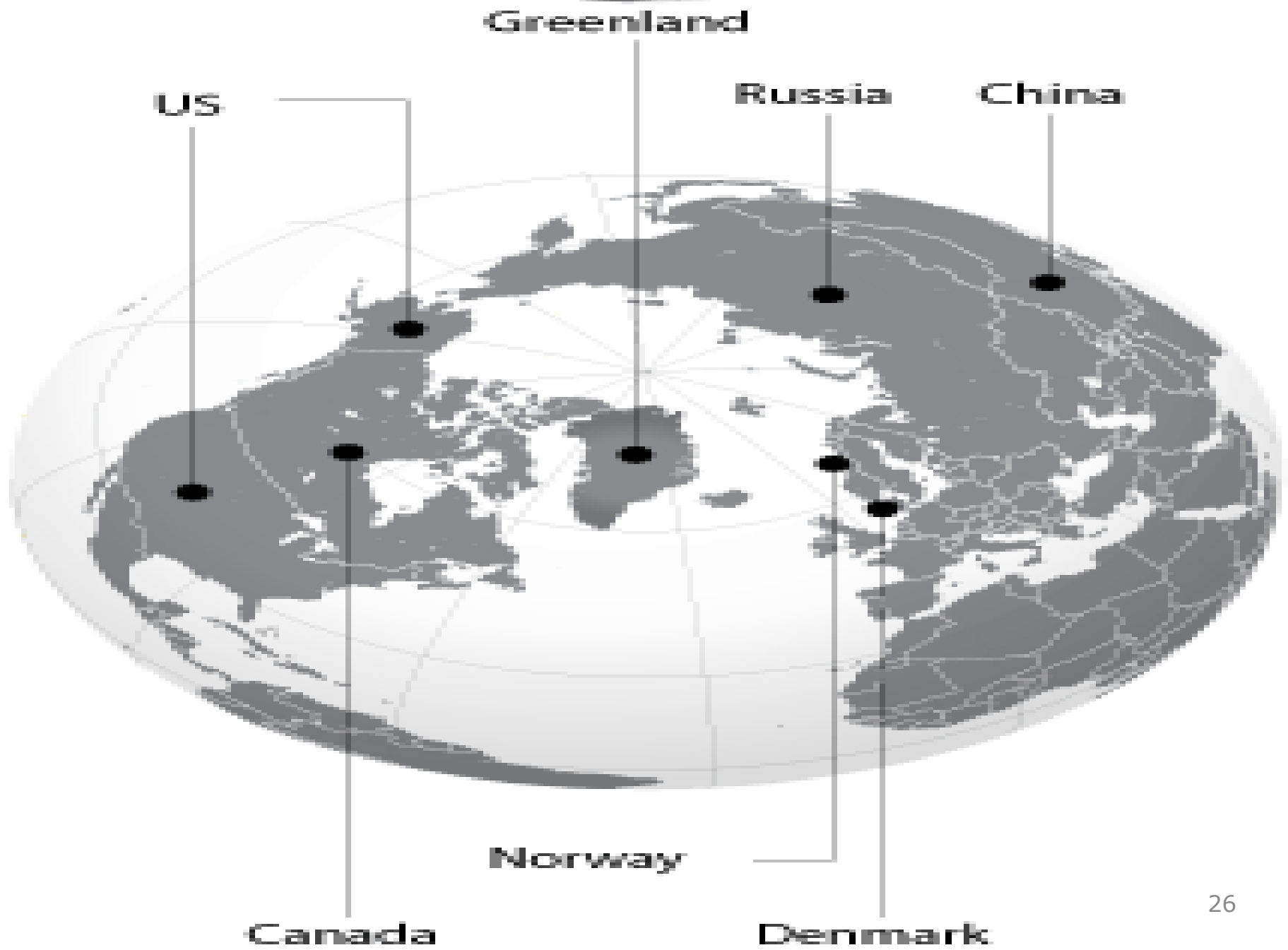
Future Disputes-Developments and Strategic moves by Arctic powers...*plus*

- **Greenland**
 - *the bride with the dowry*
- **Who claims and has designs for Greenland**
 - *USA*
 - *Russia*
 - *Canada*
 - *China*
 - *Others....*

GREENLAND - The Loose End



GREENLND - The Rich Bride



GREENLND – Among three Bridegrooms (USA-Russia-Canada)



USA & Greenland

USA tried openly four times at least to buy... Greenland

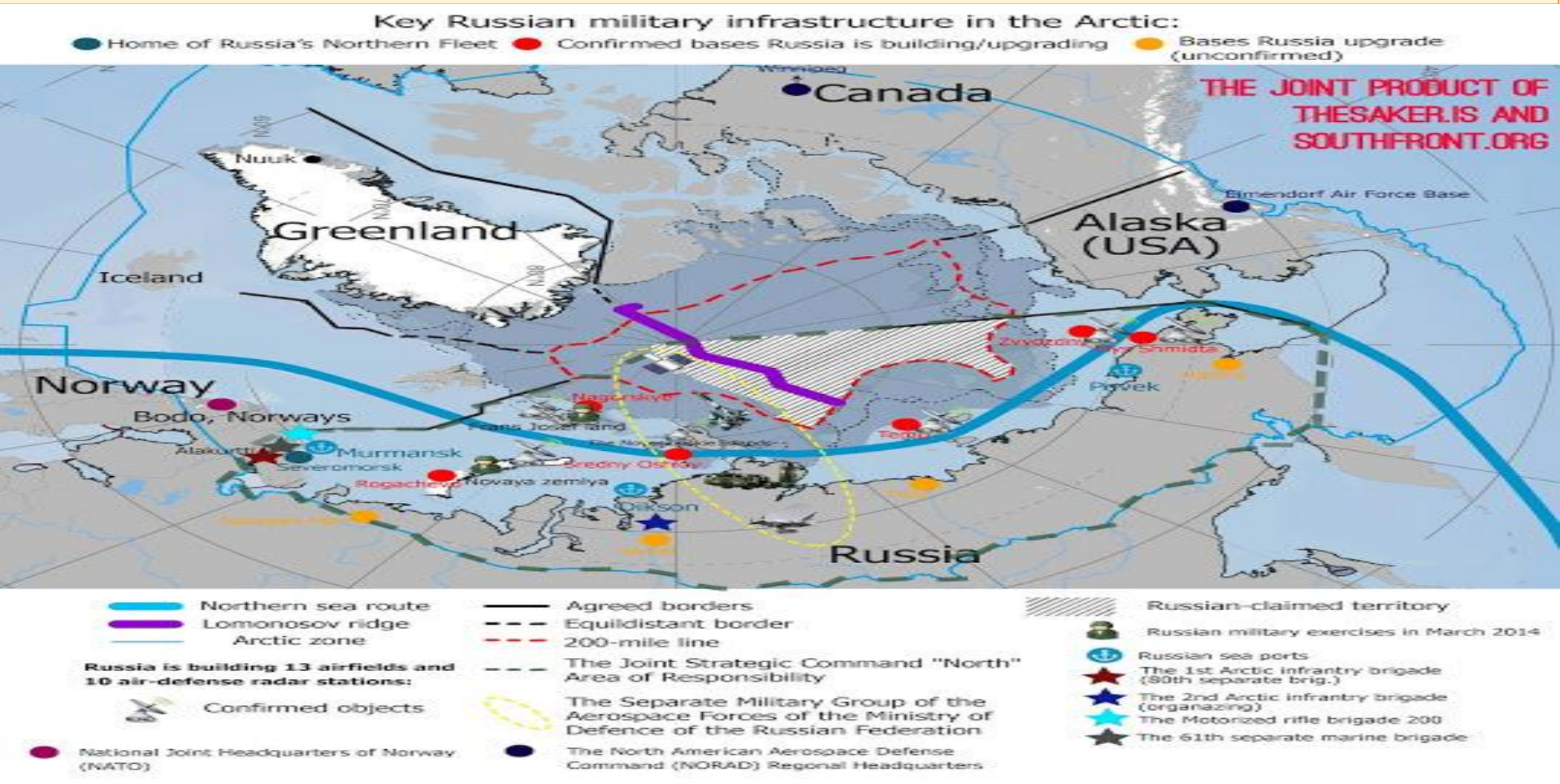
- 1867
- 1910
- 1946
- 2019



Existing strategic US base in Greenland

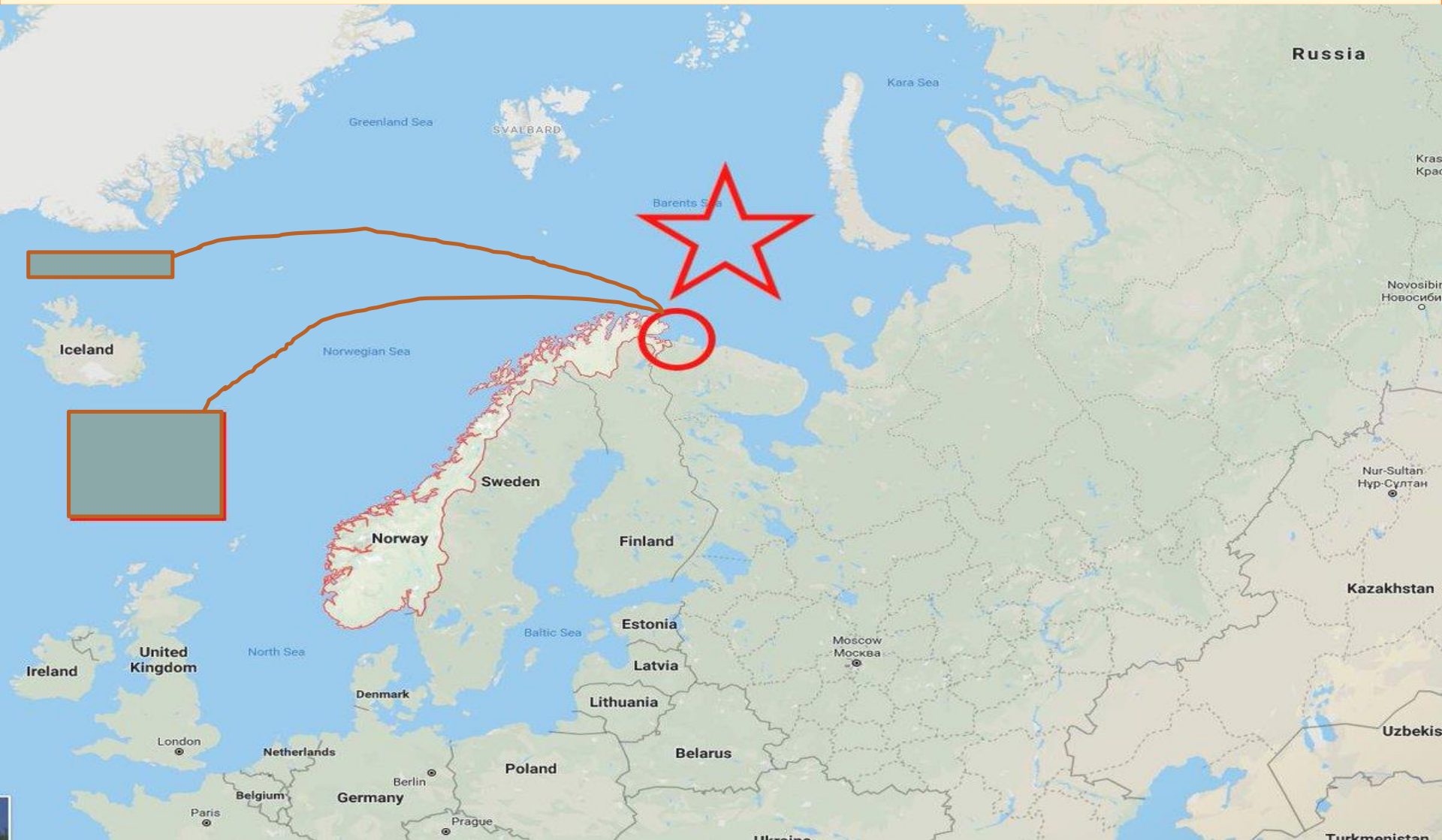


- Russia is one of eight member countries of the Arctic Council
(Canada, Russia, Denmark-Greenland, Finland, Iceland, Norway, Sweden and USA)
- Russia has the largest window to the Arctic pole
- Russians strongly claim the Arctic regions between their coast and the North Pole
- They also work to control/secure the surrounding arctic areas and...
- Greenland plays a strategic and tactical role ...



Russia & Greenland

- Russia's Northern Fleet is in the Murmansk regions (*circled on the map*)
- The only way the Russian navy can get out of Murmansk is to go through the North Atlantic, which means going through the **GIUK* area** - a geo-strategic frontier for Russia for years...



* The waters between Greenland and Iceland and UK.

Canada & Greenland

- Canada shares with Greenland the...
 - *North west passage*
 - *Baffin bay and Davis straits*
 - *Access to the Arctic pole*
 - *Largest Inuit population*
- Canada has a vested interest in.....**who controls Greenland**
- Is possible the Inuit (the Real) people to unite?



...and a fourth bridegroom.....China

China's Arctic Interests

Greenland, one of the world's least accessible places, is looking to upgrade three airports in an effort to open itself up to affordable flights bearing tourists, repatriates and immigrants. The United States, warning that China uses its economic influence to establish a military presence, sees this as an opportunity for China to militarize much too close for comfort.

U.S. interests in Greenland:

- Keeping China out of its backyard
- Helping Greenland gain independence from Denmark

Greenland
AREA
840,000
sq miles
80 percent of Greenland is under ice cap

GREENLAND

Self-governing nation of Denmark

DENMARK

Chinese interests in Greenland:

- Expand 3 airports
- Access mineral sector
- Build research base and satellite station
- Develop a "Polar Silk Road"

CHINA COMMUNICATIONS CONSTRUCTION COMPANY

CCCC, one of the world's biggest companies, is bidding to construct Greenland's new airports.

In 2017, CCCC signed contracts for overseas infrastructure construction projects worth a total of \$32 billion.

CHINA

There are only **13** towns in Greenland with a population over 1,000, and there are no roads connecting them.

GREENLAND'S TOTAL
POPULATION
56,200

• Upernavik
• Uummannaq
• Ilulissat
• Aasiaat
• Sisimiut
• Qasigiannguit
• Maniitsoq
• Nuuk
• Paamiut
• Narsaq
• Qaqortoq
• Nanortalik

12.5%

of the Kuannersuit/Kvanefjeld rare earth elements (REE) mining project in Narsaq is owned by Chinese trading, mining and REE production giant Shenghe Resources.

China owns stakes in:

U.K.'s London Heathrow Airport (9.5 percent)
France's Toulouse-Blagnac Airport (49.9 percent)
Germany's Frankfurt-Hahn Airport (82.5 percent)

China also holds controlling stakes in Albania's Tirana Airport and Slovenia's Ljubljana Airport, and is participating in the \$1 billion renovation of the U.K.'s Manchester Airport.

Land Route:
"One Belt"

CHINA

Sea Route:
"One Road"

Arctic Route:
"Polar Silk Road"

5 to 15 percent of China's trade value could traverse the Arctic by 2020

China & Greenland

- ✓ China is interested in the Arctic focusing on access to **resources** and **transit to markets**.
- ✓ China is not close geographically to Greenland but aims to be a part of the New North.



China's efforts to be involved...

- Chinese firms have invested in several Greenland projects, such as
 - *a mine for rare earth elements*
 - *a mine for uranium*
 - *an iron mine*
- In 2016, the CCCC (China Communications Construction Company) offered to buy a former U.S. military base
 - *buying price \$560 million*
 - *the Danish government blocked the deal*
- Chinese investments make China a major investor and influencer in Greenland....