



USCHC Update to 1st Meeting Arctic Hydrographic Commission

October 4-6, 2010 Ottawa, Canada

ARHC1-04B

Matters of relevant interest:

- ENC Harmonization
- USCHC Northern Coverage
- Existing Paper INT Coverage

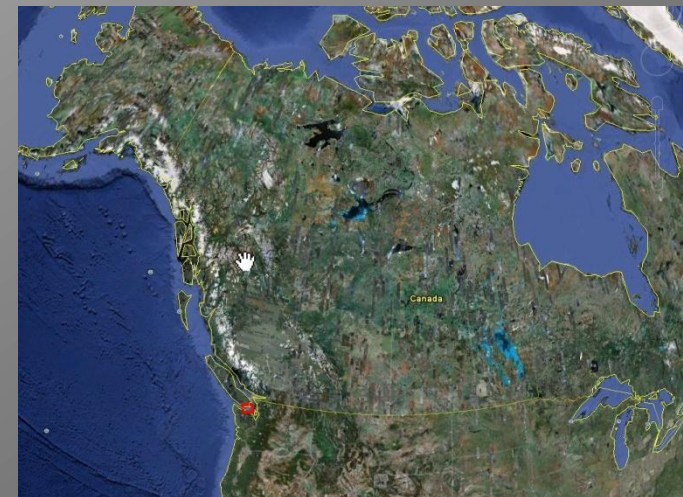
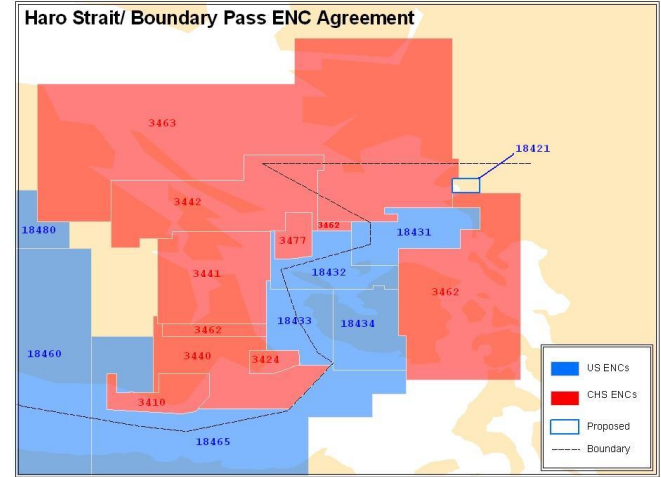
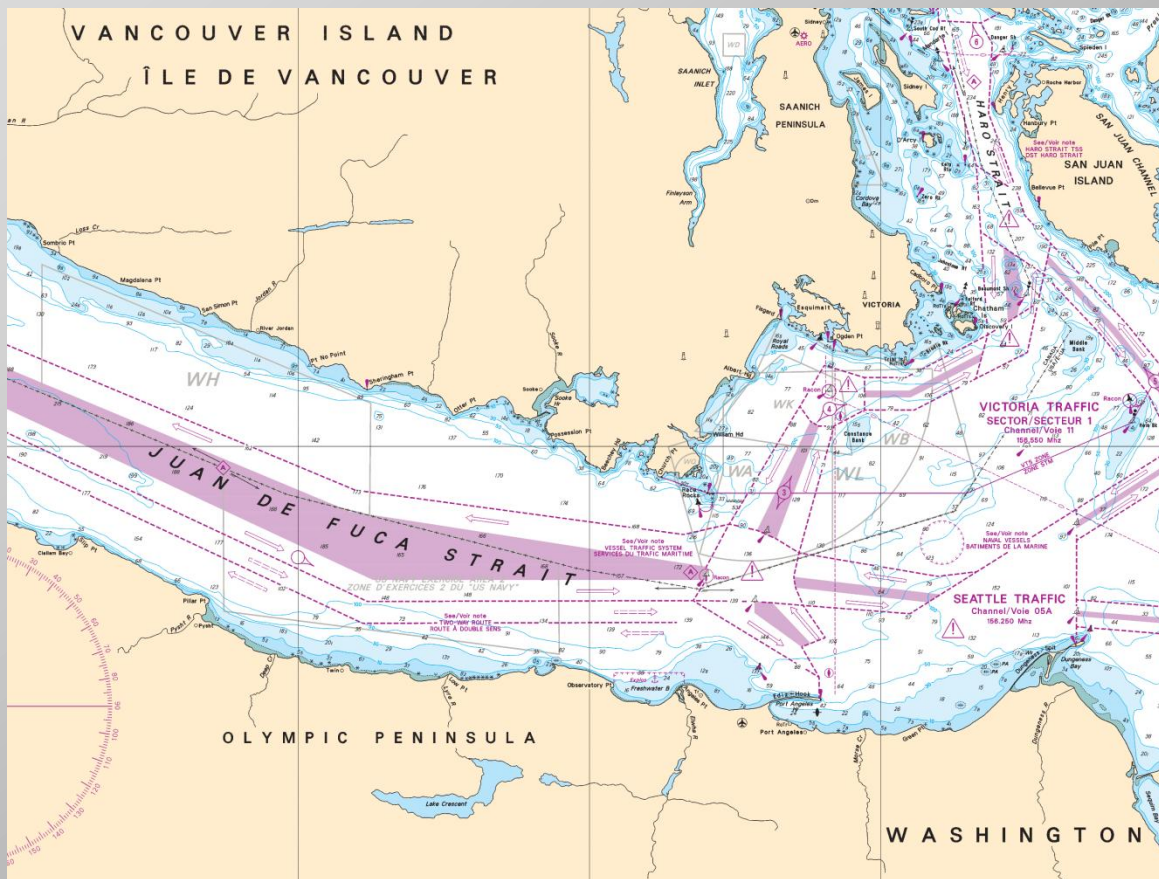
USCHC ENC Harmonization

- Pacific Region chosen as pilot.

Progress

- mariner convenience 1st principle (VTS runs along border)
- technical work is completed (cells cut, data maintained but not distributed)
- business rules of distribution and updating 95% completed
- ECDIS trial initiated to prove duplicate ENC coverage possible
- Technical experts met in Ottawa on July 22, 2010 in anticipation of a maritime boundary agreement in the Beaufort Sea

USCHC ENC Harmonization



USCHC ENC Harmonization

Challenges

- Canada's Official Languages Act
- Intellectual property rights
- Disputed boundary area

Future work

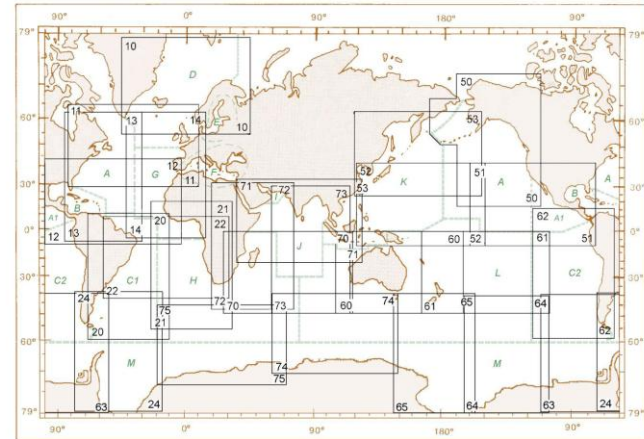
- US-Canada border: Juan De Fuca Strait, Great Lakes, Dixon Entrance Alaska, Beaufort Sea, East Coast Maritimes

USCHC Northern Coverage

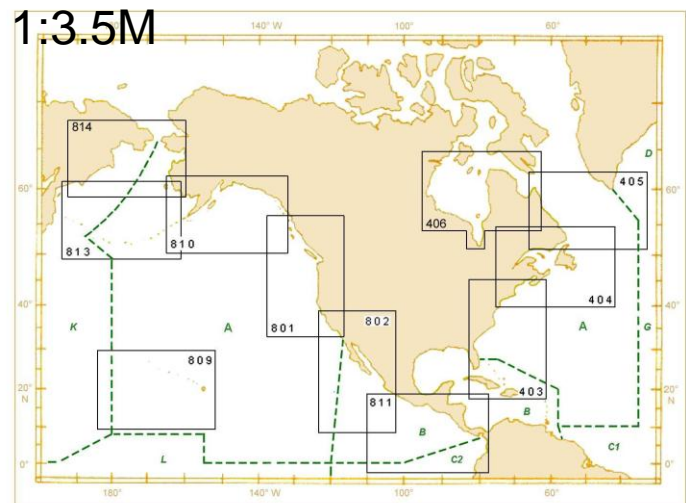
- Discussed at USCHC meeting May 17-18, 2010
- Options considered
 - NavAreas, INT coverage, USCHC Statutes
- Assessment
 - NavAreas not perfect fit, defining arbitrary limits may result in prolonged discussion
- Decision
 - Resolve issues bilaterally as they arise

USCHC INT Chart Coverage

- USCHC has INT coverage only in small scale ranges of 10M and 3.5M
- Only Halifax Harbour in Nova Scotia Canada is large scale
- Arctic INT chart discussions by ARHC are encouraged by USCHC



1:10M



1:3.5M



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Thank you
Questions?