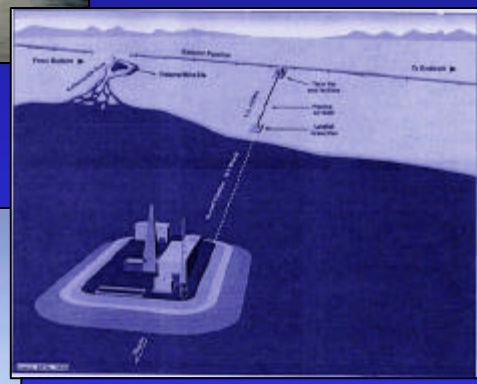
The View from Alaska

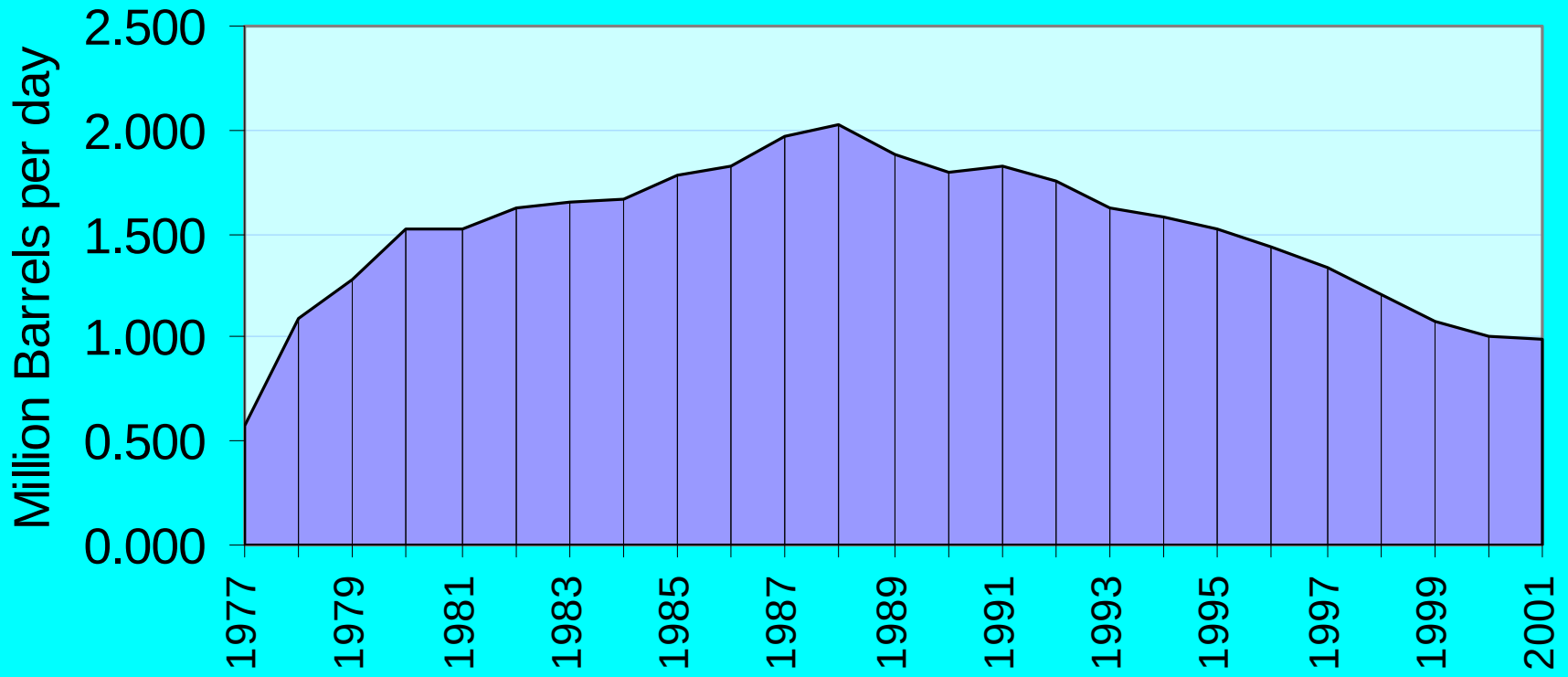
OCS Policy Committee
May 2002

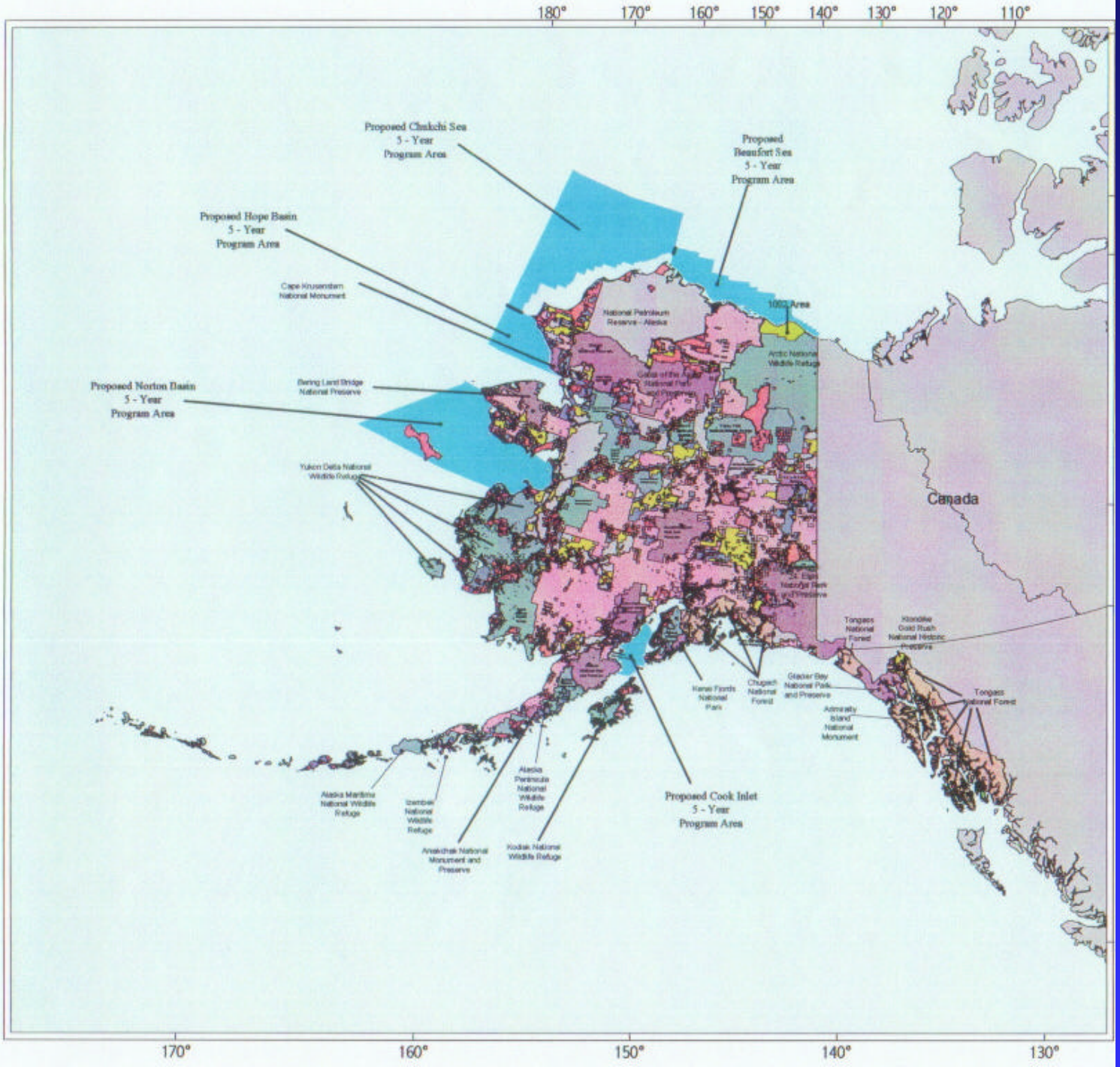
Today's Topics

- The 5 Year Proposals
  - Beaufort Sea
  - Cook Inlet
  - Norton Sound
  - Chukchi/Hope
- Ongoing Projects
  - Northstar
  - Liberty
  - McCovey
  - Cosmopolitan
- Marine Minerals



TAPS Daily Throughput





MMS 5 Year – The Alaska Proposal

Alaska OCS Potential

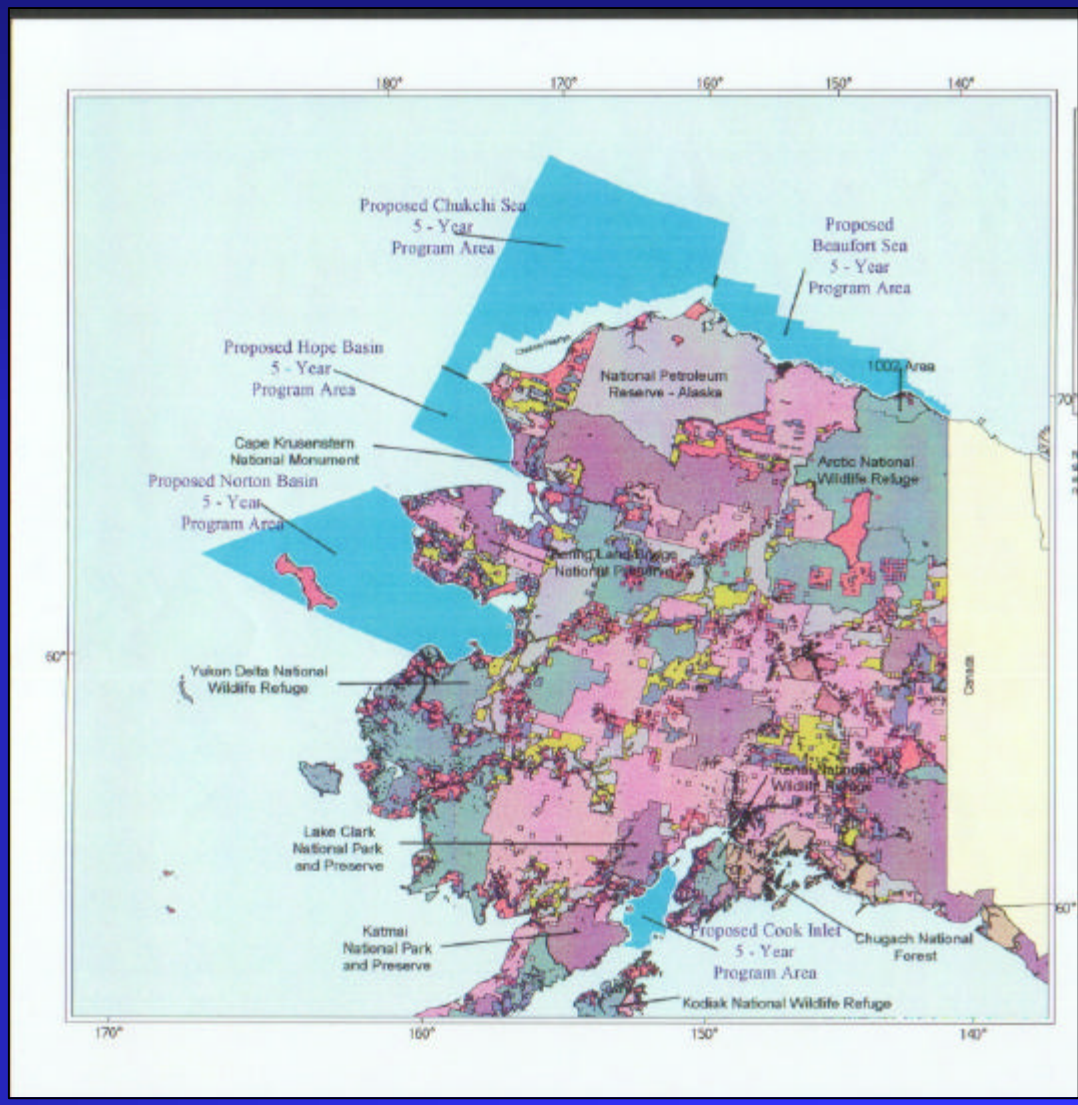
(Risked, Undiscovered, Conventionally Recoverable)
Low to High Estimates

	Oil billions barrels	Gas TCF
• ***Alaska OCS Total***	***17 - 35***	***55 - 227***
• Chukchi	9 - 25	14 - 154
• Beaufort	4 - 12	13 - 63
• Hope	0 - 0.3	0 - 11
• Norton	0 - 0.2	0 - 9
• Cook Inlet	0.3 - 1.4	0.7 - 2.5

» (MMS 2000 National Assessment)

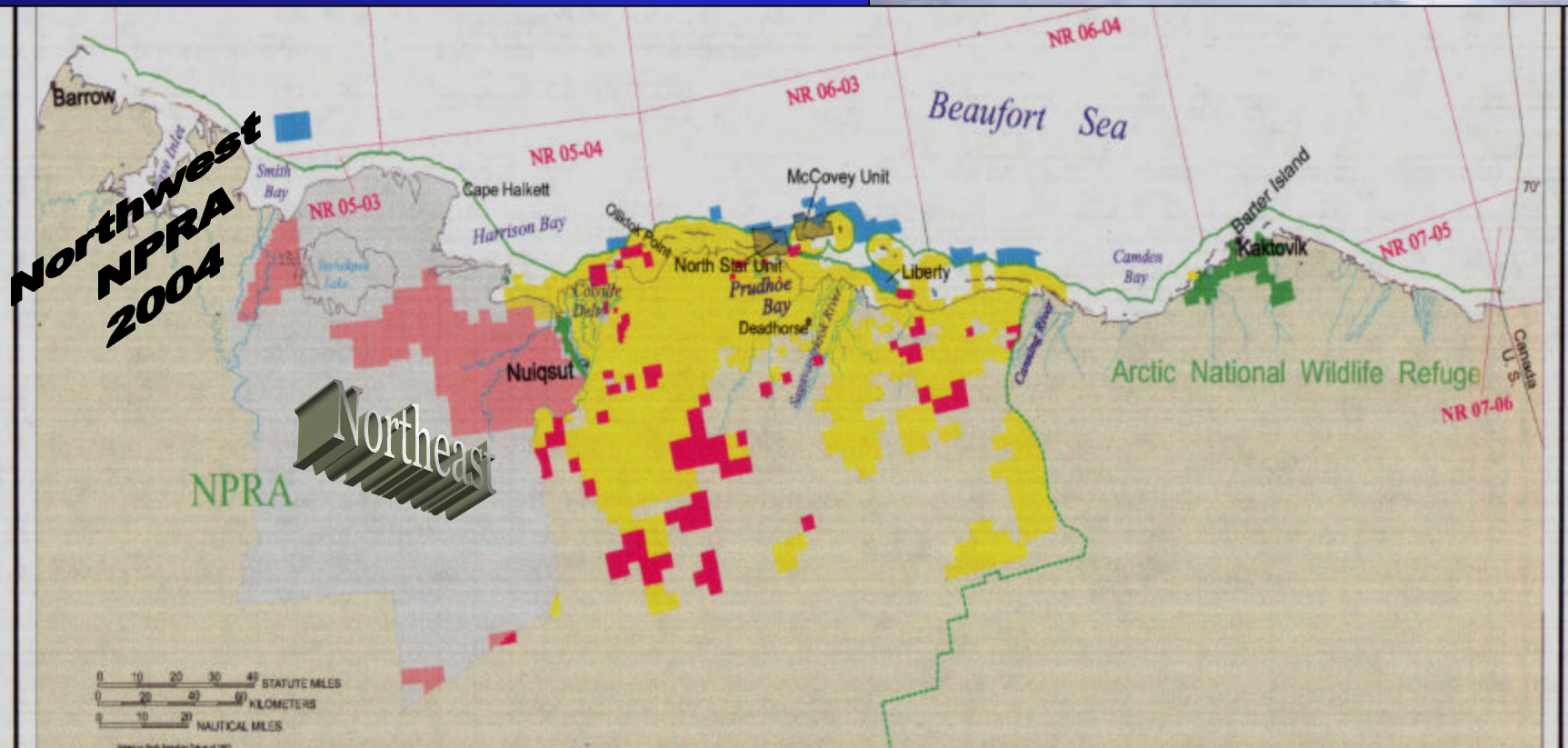
Upcoming Sale Activity
(Pending 5 Year Plan Decisions)

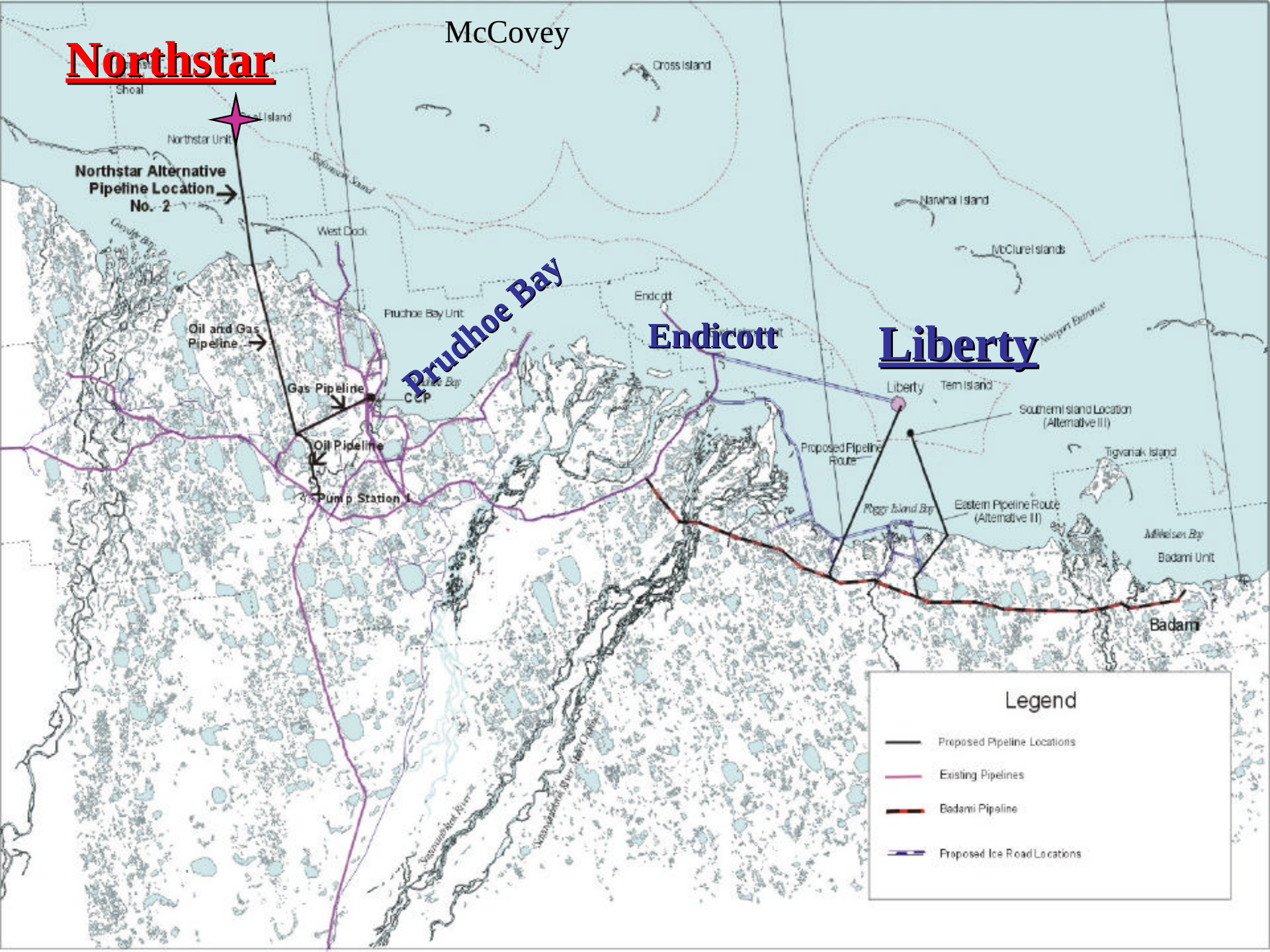
- Keeping Options Open
- Local Use (?)
- Beaufort Sea
  - one EIS for 3 sales (June)
- Cook Inlet
  - one EIS for 2 sales (Fall)
  - another option for gas
- Norton Basin
  - interest approach
  - gas for locals?
- Chukchi/Hope
  - 2 sales
  - interest approach



NPRA

- exploration
- future development?
- future sales
  - NE -- June 3, 2002
  - NW -- 2004

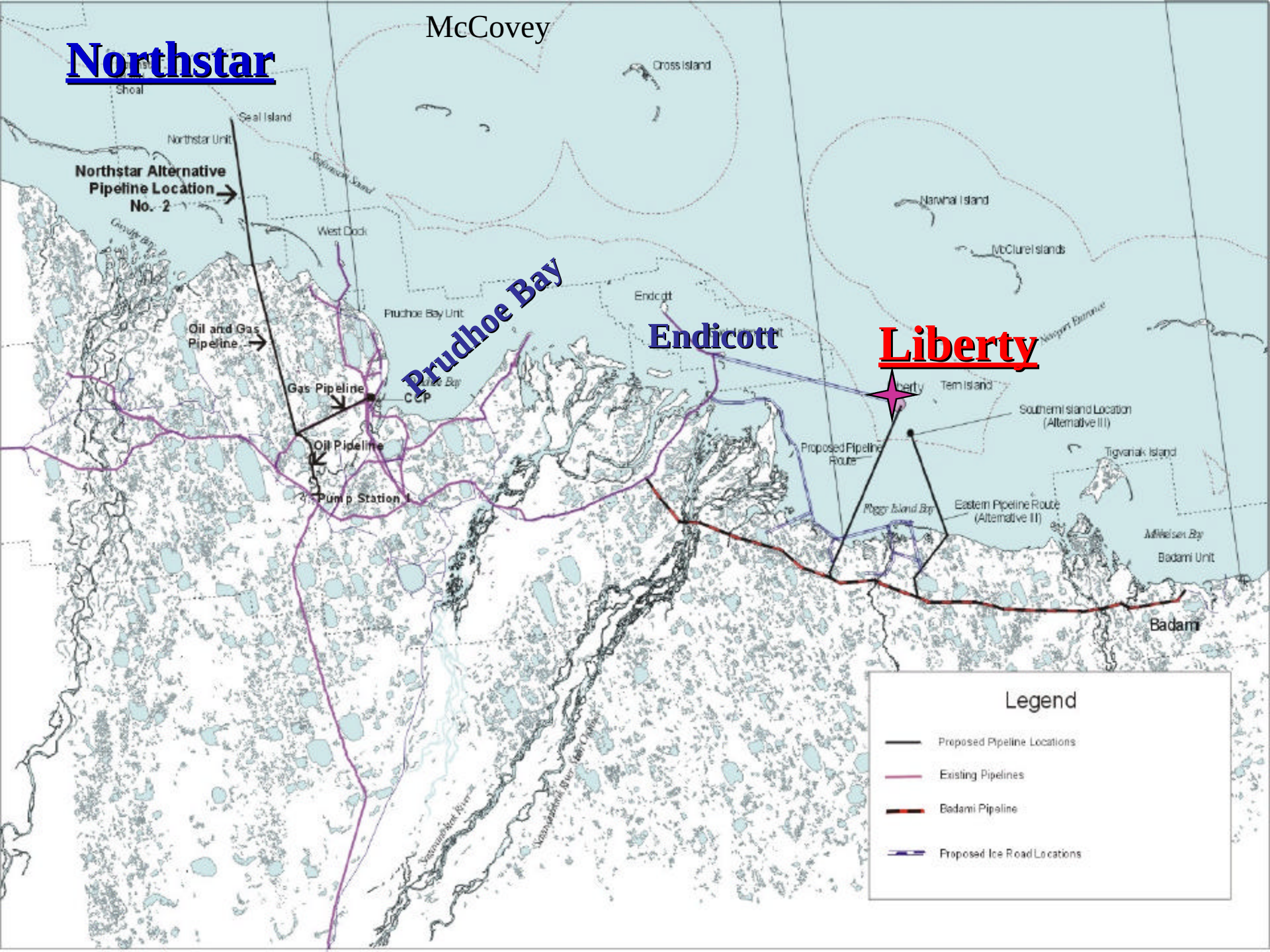



McCovey
Northstar
Cross Island
Northstar Unit
Northstar Alternative Pipeline Location No. 2
West Dock
Prudhoe Bay
Prudhoe Bay Unit
Endicott
Endicott
Liberty
Liberty
Tern Island
Narwhal Island
McClure Islands
Oil and Gas Pipeline
Gas Pipeline
CCP
Oil Pipeline
Pump Station 1
Southern Island Location (Alternative III)
Proposed Pipeline Route
Tigvariak Island
Eastern Pipeline Route (Alternative II)
Badami Unit
Badami
Legend
Proposed Pipeline Locations
Existing Pipelines
Badami Pipeline
Proposed Ice Road Locations

Northstar Production (BP Alaska/Murphy)

- Joint State/Federal
- First Alaska OCS Oil
  - October 31, 2001

- First OCS well production
  - January 16, 2002


McCovey
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Shoal
Seal Island
Northstar Unit
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McClure Islands
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Prudhoe Bay
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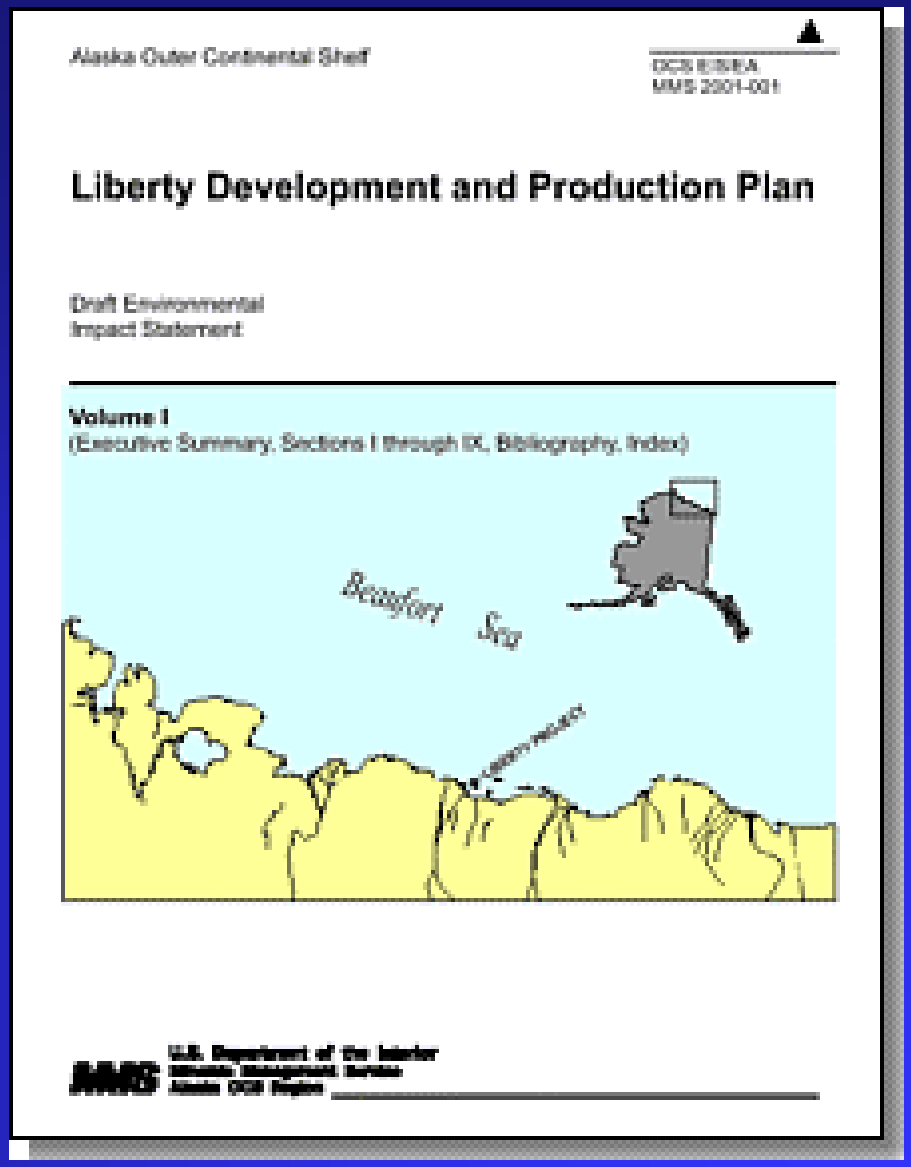
Liberty Development

BP Alaska

- BP “shelving”
  - Reviewing options
- FEIS Published
  - May 24, 2002



Alaska Outer Continental Shelf

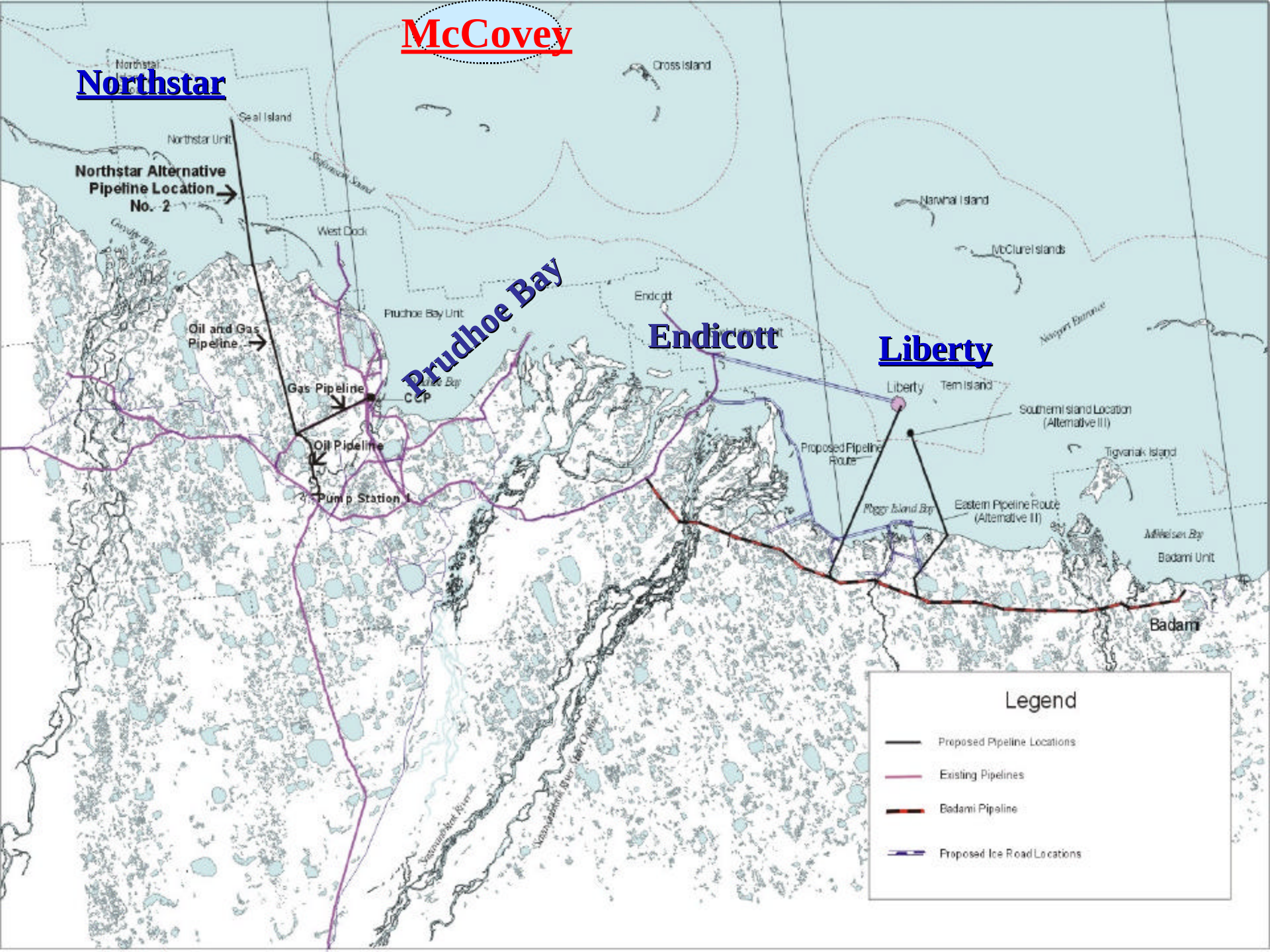
OCS EIS/EA
MMS 2001-031

Liberty Development and Production Plan

Draft Environmental
Impact Statement

Volume I
(Executive Summary, Sections I through IX, Bibliography, Index)

U.S. Department of the Interior
Minerals Management Service
Alaska OCS Region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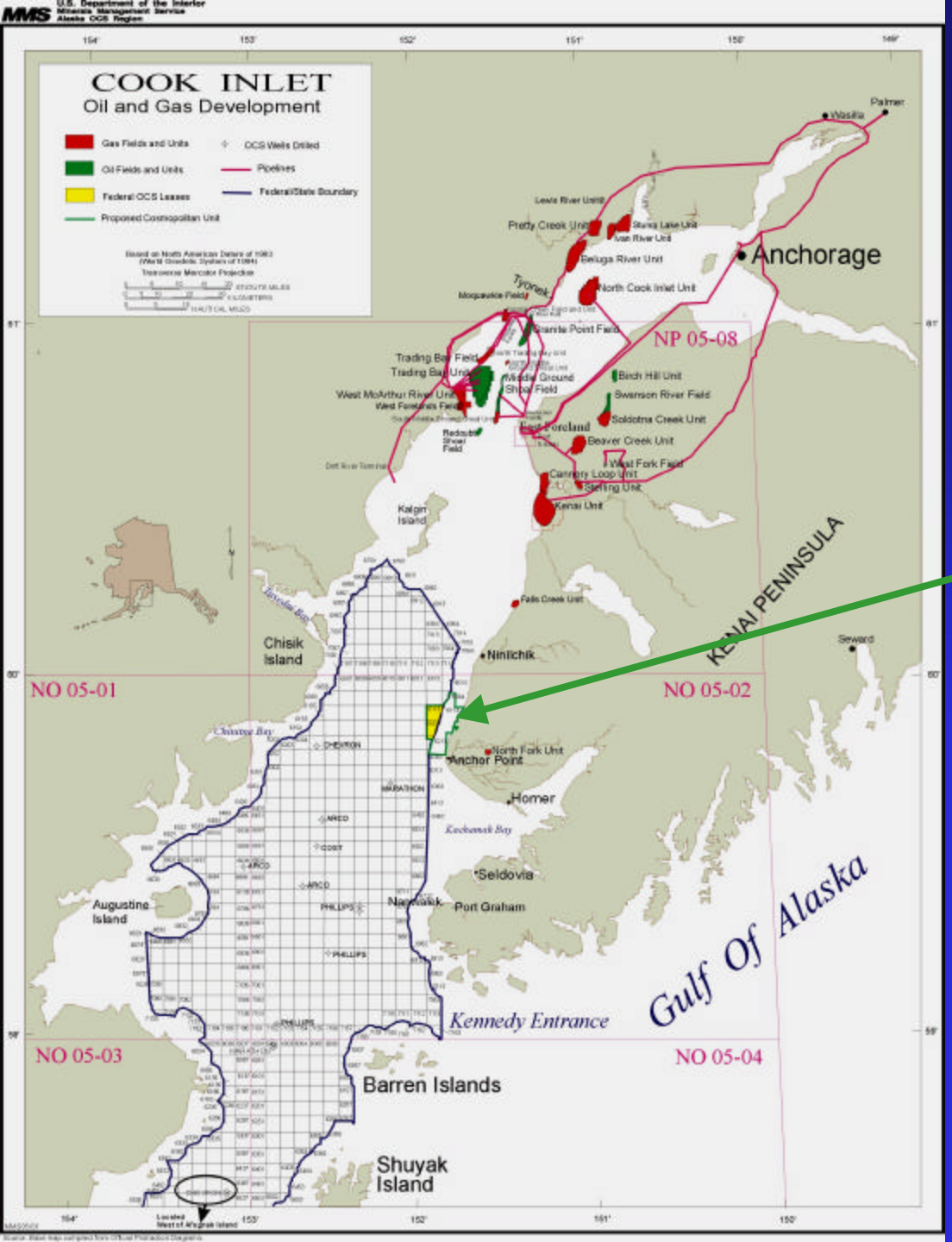
McCovey Scenes
March 2001

McCovey Exploration

EnCana (operator)/Phillips/Chevron

State/Federal Unit

winter drilling using SDC
near Cross Island



Cosmopolitan
(Phillips)

State/federal
Exploration Unit

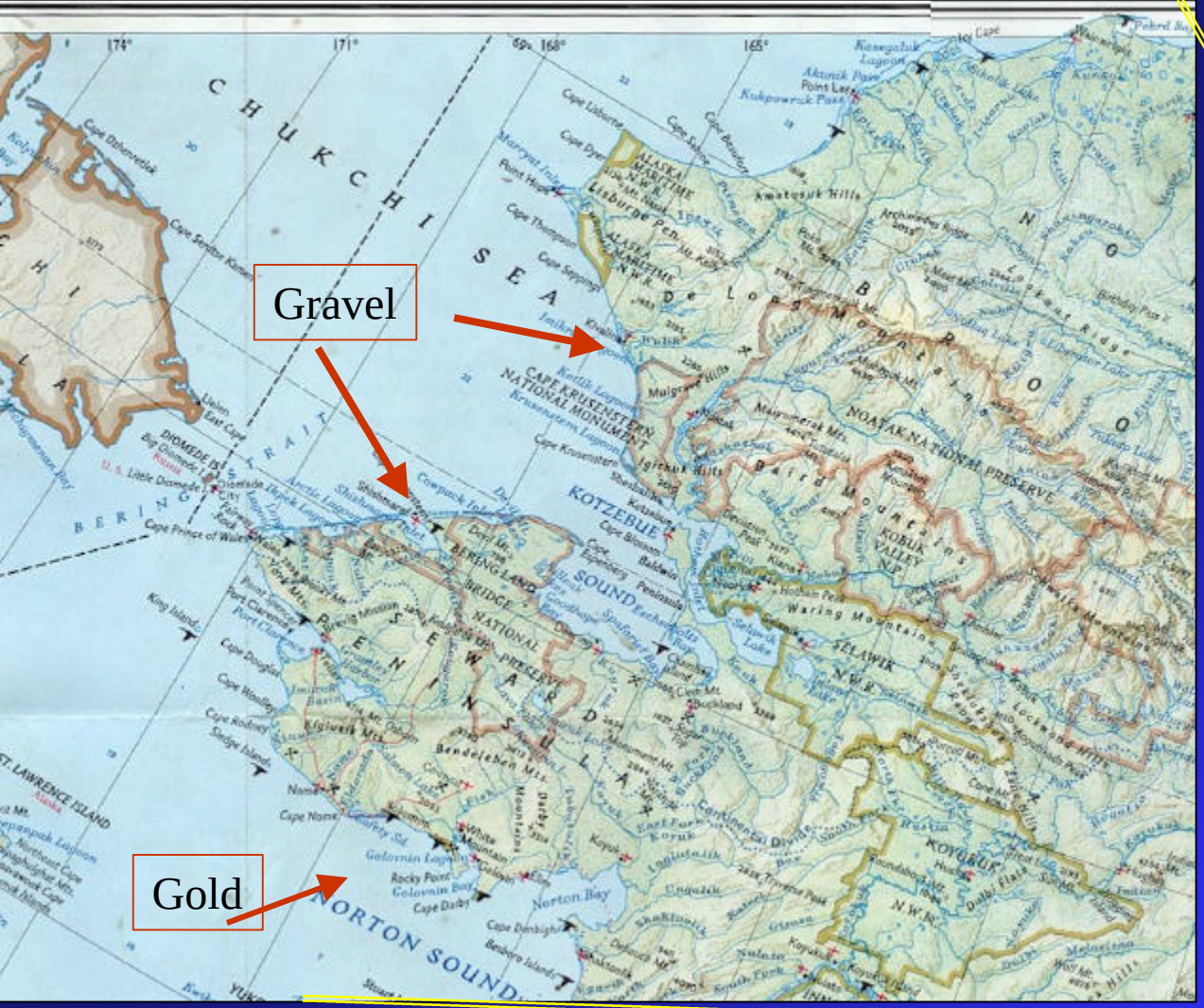
Hansen Exploration well
drilled from shore

Minerals

MMTC

UAF

Nome and gold

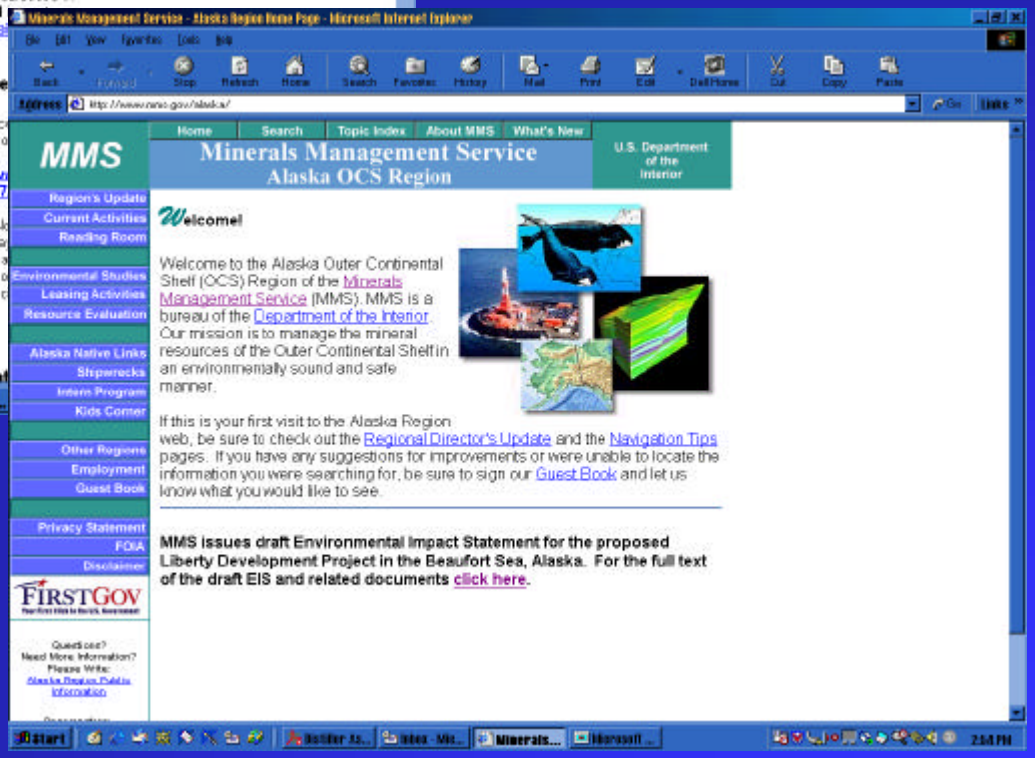


Villages

Coastal erosion

OCS gravel an option?

For more information



http://www.mms.gov/

http://www.mms.gov/alaska/

North Slope Natural Gas Pipeline

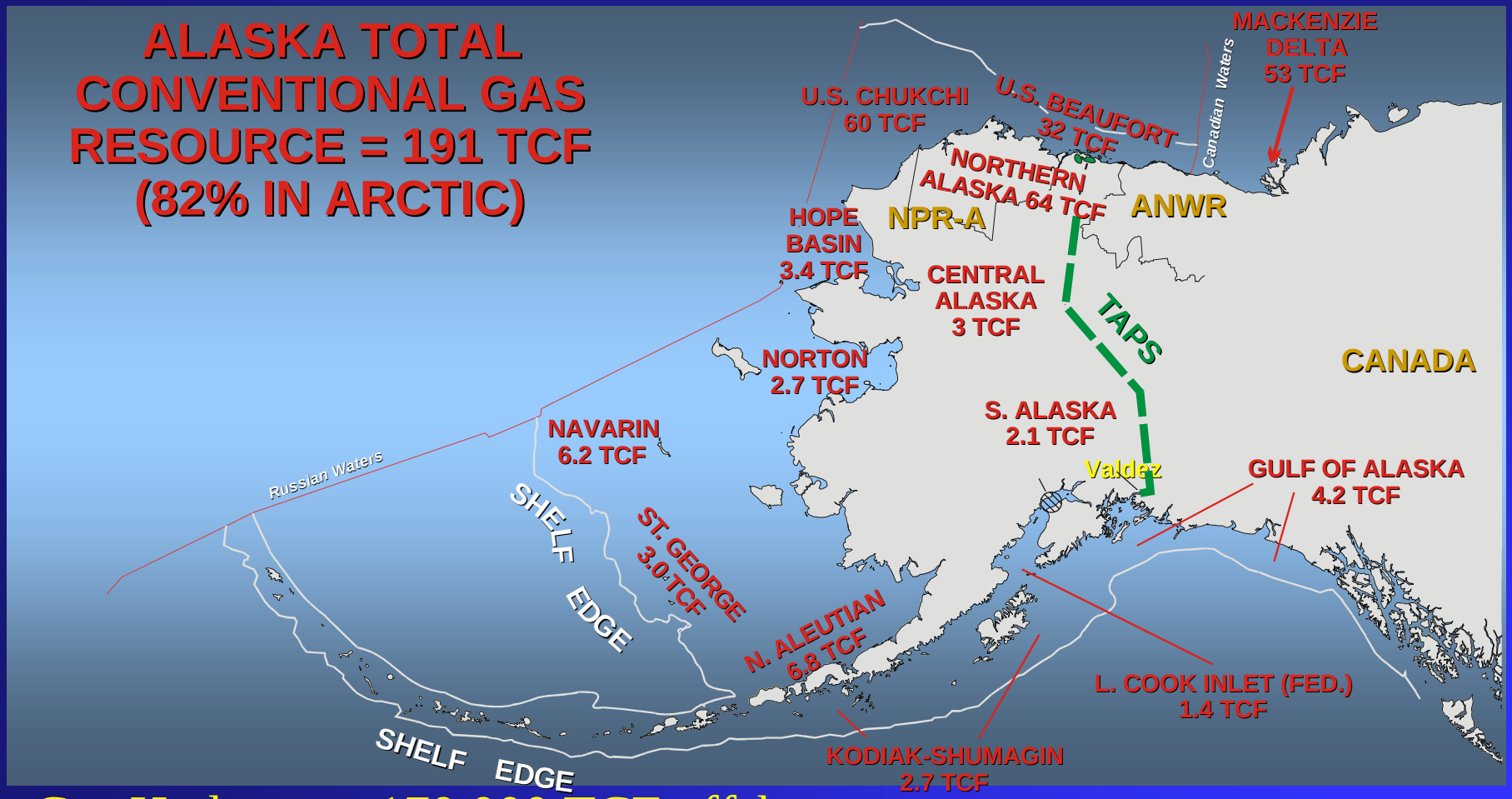
DOI will be involved

Routes are illustrative only; not exact routes.

UNDISCOVERED GAS RESOURCES

(mean estimates, TCF)

After MMS [2000], USGS [1995], and Dixon et al. [1994]



Gas Hydrates: 170,000 TCF offshore
590 TCF onshore

Panorama of McCovey Site
March 2001

Ice Movement Measurements

McCovey Exploration

Phillips/Alberta Energy/Chevron

State/Federal Unit

winter drilling

near Cross Island

Mars Ice Island

McCovey Site