



Development in Alaska's Offshore

AOGA Educational Seminar
January 6, 2009

Cam Toohey, Shell Exploration & Production

Draft Proposed Program
2007 - 2012
Outer Continental Shelf
Alaska Planning Areas

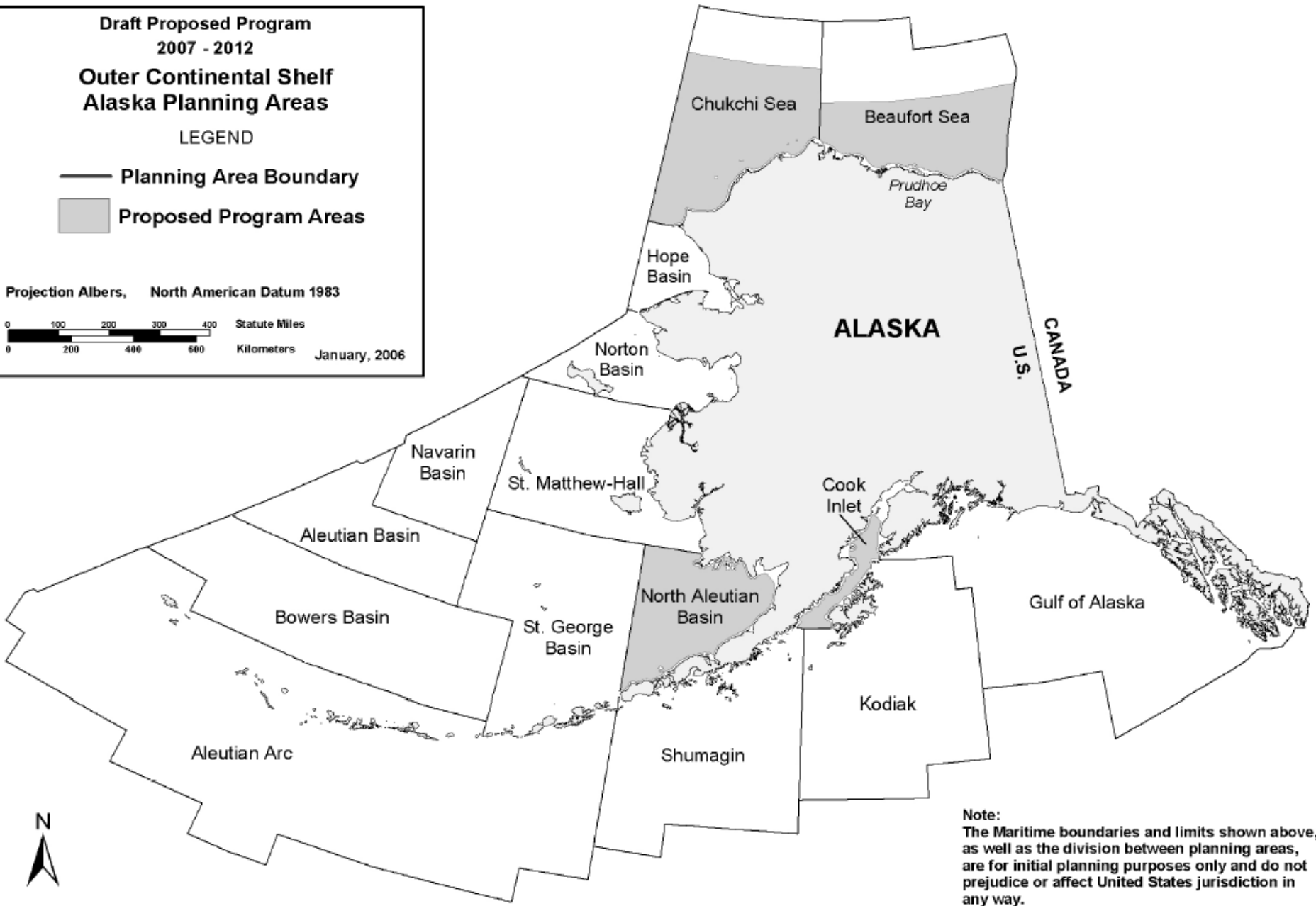
LEGEND

- Planning Area Boundary
- Proposed Program Areas

Projection Albers, North American Datum 1983



January, 2006



Note:
The Maritime boundaries and limits shown above, as well as the division between planning areas, are for initial planning purposes only and do not prejudice or affect United States jurisdiction in any way.

Technically Recoverable Resources in Alaska's Outer Continental Shelf (OCS)

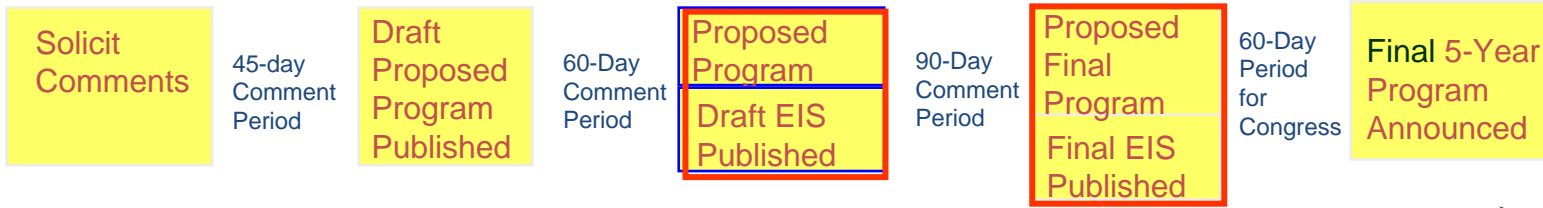
<u>Technically Exploration Area</u>	Mean Technically <u>Recoverable Oil</u>	Mean <u>Recoverable Natural Gas</u>
Beaufort Sea OCS	8.2 BBO	27.6 TCF
Chukchi Sea OCS	15.4 BBO	76.8 TCF
North Aleutian Basin OCS	.750 BBO	8.6 TCF

Source: MMS

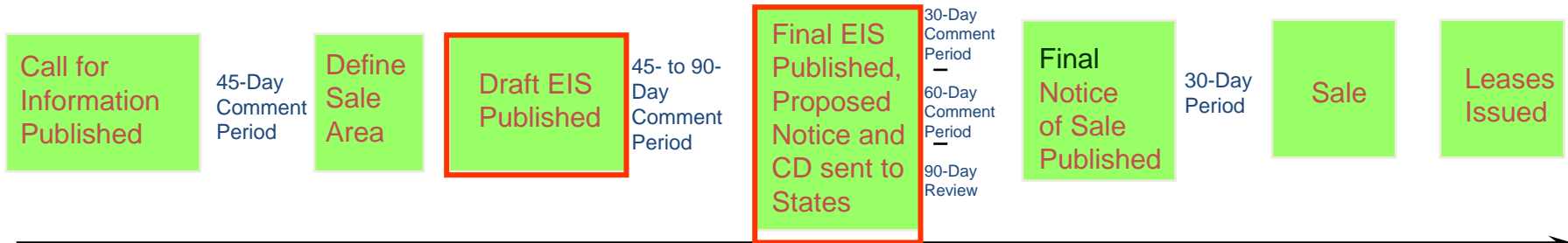
The OCS Leasing, Exploration, and Development Process

Prelease

Develop 5-Year Program

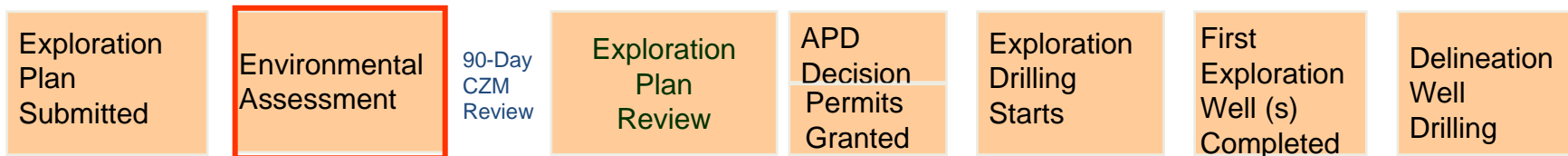


Planning for Specific Sale

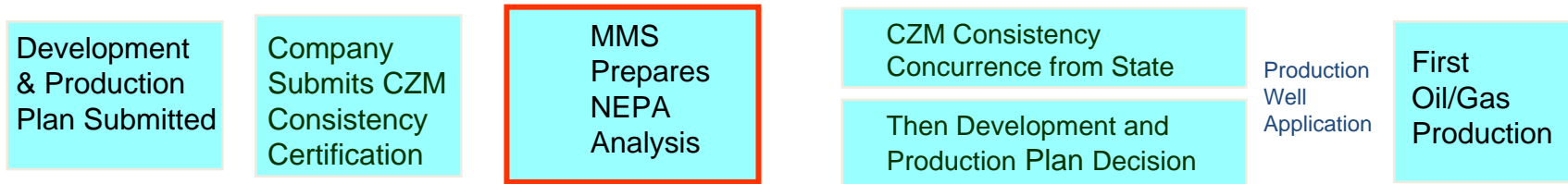


Post Lease

Exploration Plan Approval



Development and Production Plan Approval

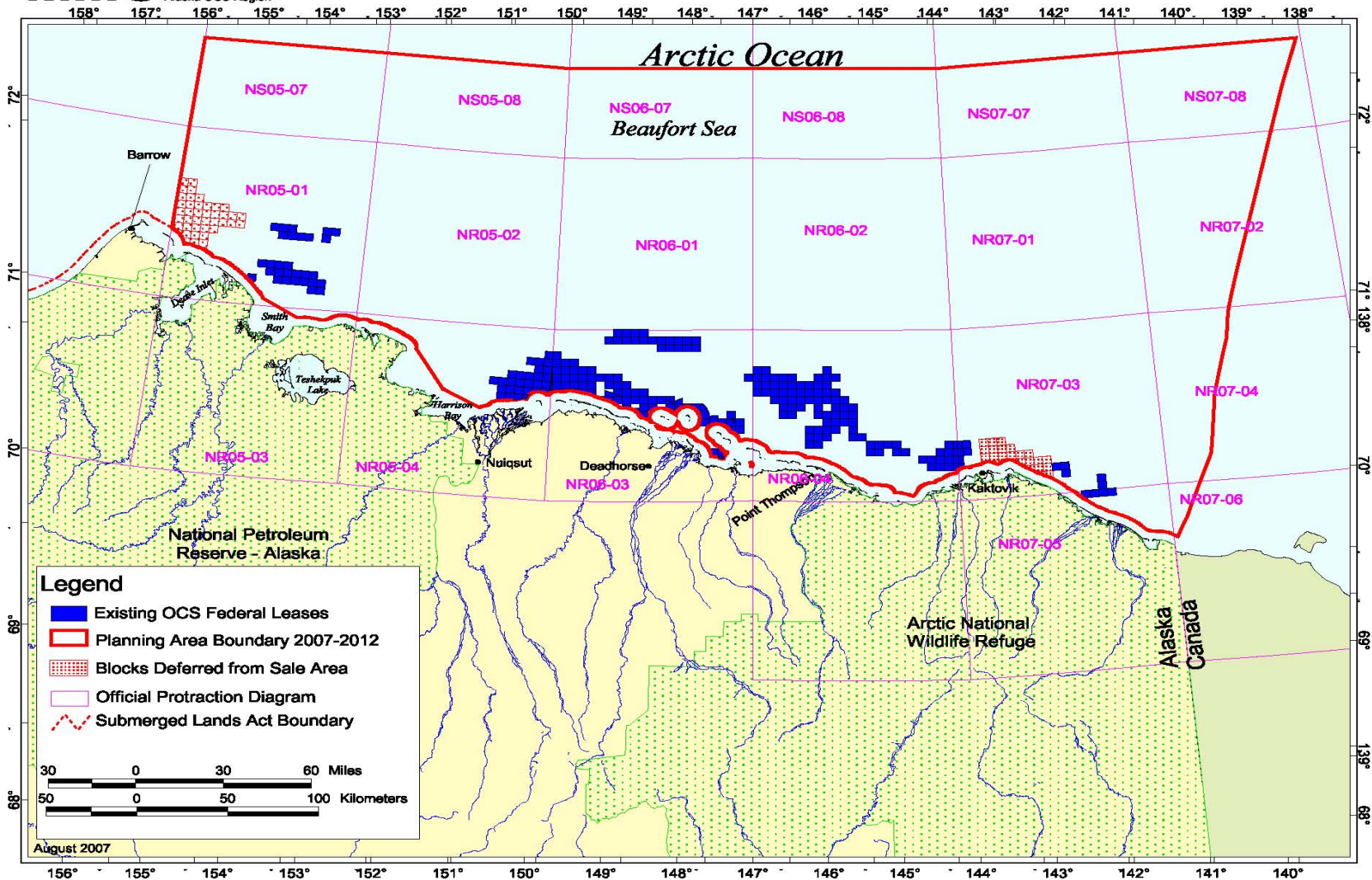


Benefits of Alaska's Offshore

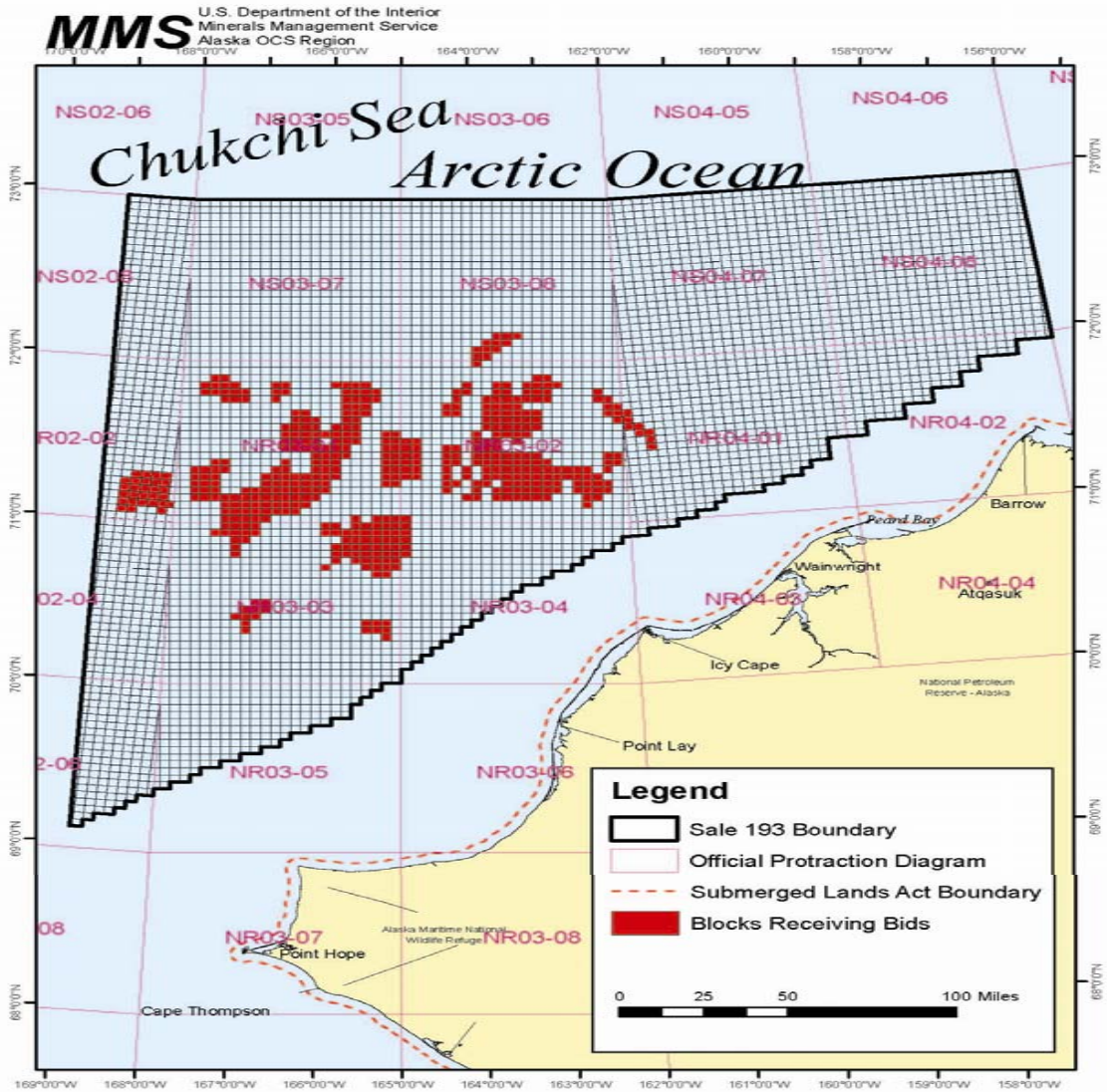
- State Benefits
 - Jobs
 - Contracting
 - Oil for TAPS & gas
- Coastal Impact Assistance Program
- Revenue Sharing Legislation
- Historic OCS Activities

Beaufort Sea

MMS U.S. Department of the Interior
Minerals Management Service
Alaska OCS Region



Chukchi Sea



- Beaufort & Chukchi Sea Sale Results
- New Players
- Recent Activities

Challenges of Alaska's Offshore

- Short Season
- Lacking Infrastructure
- Logistics
- Ice Class Vessels & Drill Ships
- Investment in Information
- Permits/Litigation