

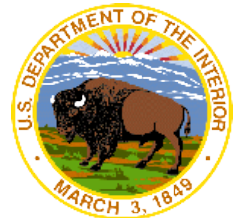


National OCS Oil & Gas Leasing Program

2019–2024 National Outer Continental Shelf Oil & Gas Leasing Draft Proposed Program

Presenter

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Bureau of Ocean Energy Management

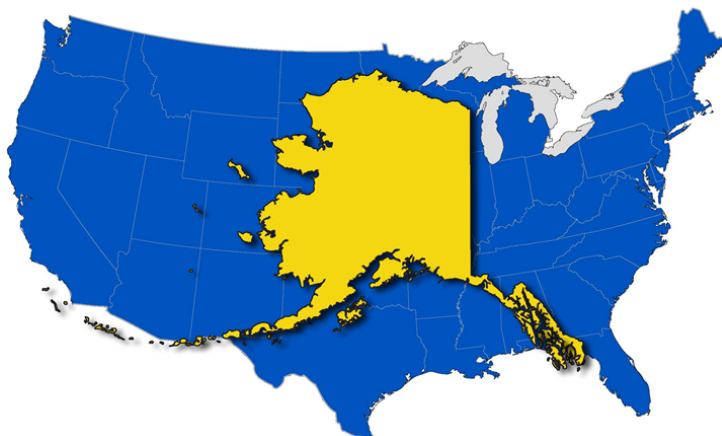


BOEM's Mission



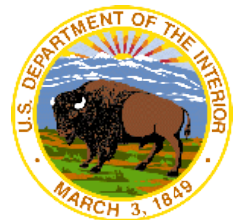
BOEM's mission is to manage development of the U.S. Outer Continental Shelf energy and mineral resources in an environmentally and economically responsible way.

- Planning and Leasing under the National OCS Program
- Resource Assessment and Inventory
- Geological and Geophysical (G&G) Regulatory Reviews & Permitting
- Review of Exploration, Development, & Production Activities
- Environmental Assessments and Reviews
- Environmental & Socioeconomic Research
- G&G Acquisition and Analysis
- Worst Case Discharge Determinations
- Energy Economics and Fiscal Terms
- OCS Mapping



OCS Lands Act Requirements

- OCSLA requires that BOEM prepare, periodically revise, and maintain a leasing program with a schedule of sales showing size, timing, and location to best meet Nation's energy needs for the following five-year period.
- Based on consideration of eight factors:
 - A) Geographical, Geological and Ecological Characteristics,
 - B) Equitable Sharing of Developmental Benefits and Environmental Risks,
 - C) Location with Respect to Regional and National Energy Markets & Needs,
 - D) Location with Respect to Other Uses of the Sea and Seabed,
 - E) Laws, Goals, and Policies of Affected States Identified by Governors,
 - F) Interest of Potential Oil and Gas Producers,
 - G) Relative Environmental Sensitivity and Marine Productivity, and
 - H) Environmental and Predictive Information. (43 U.S.C. 1344(a)(2))



Executive Order 13795, the *America First Offshore Energy Strategy* (April 28, 2017), and Secretary's Order 3350 (May 1, 2017) initiated a new National OCS Oil & Gas Leasing Program development process to replace the 2017-2022 Program.

- E.O. 13795 requires the Secretary of Interior to give full consideration to revising the schedule of proposed oil and gas lease sales, so that it includes annual lease sales, to the maximum extent permitted by law.
- Secretary's Order 3350 calls for enhancing opportunities for energy exploration, leasing, and development of the OCS, establishing regulatory certainty for OCS activities, and enhancing conservation stewardship.



Recovering OCS Oil and Natural Gas Resources Is a Complex Process

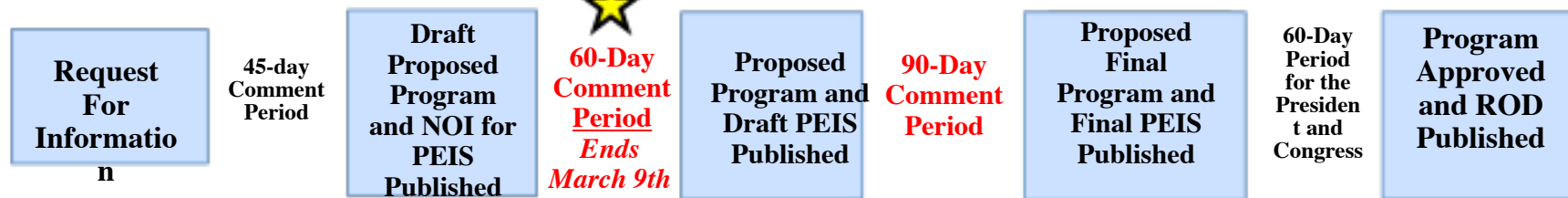
- **Collaborative** effort among government, industry, tribal, and public stakeholders
- **Multiple steps**, decision points, and opportunities for public input during each phase
- Decisions made at the National OCS Program stage **can have effects even 50 or more years in the future**
- National Program development is a **winnowing process**, where decisions on areas to offer for lease can narrow as process moves forward



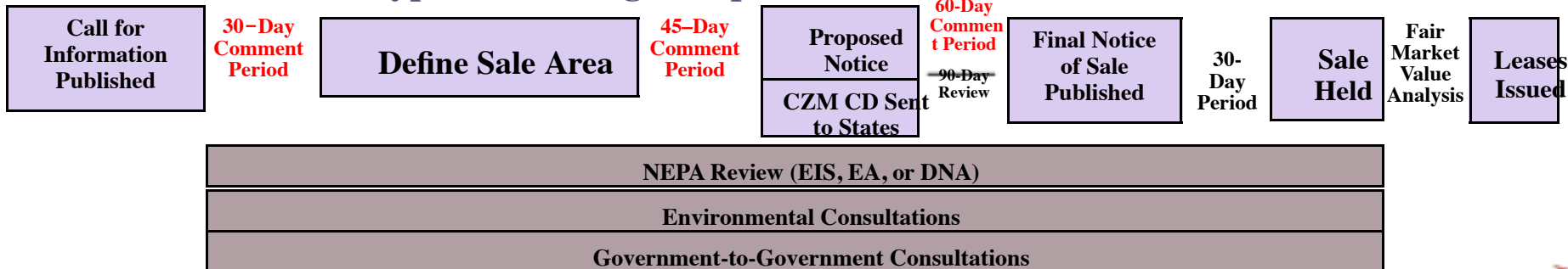
National OCS Oil & Gas Leasing Process

BOEM Responsibility

Pre-lease



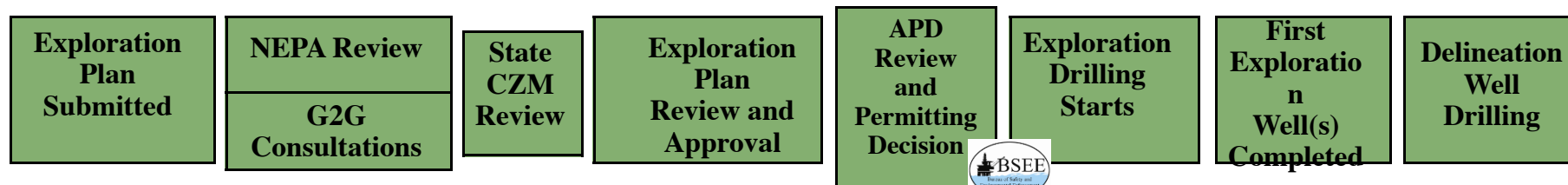
Typical Planning for Specific Oil and Gas Lease Sale



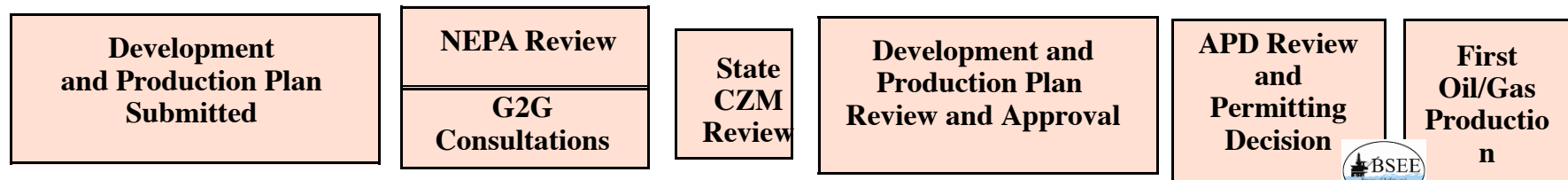
Joint BOEM/BSEE Responsibility

Post-Lease

Oil and Gas Exploration Plan and Drilling Approval



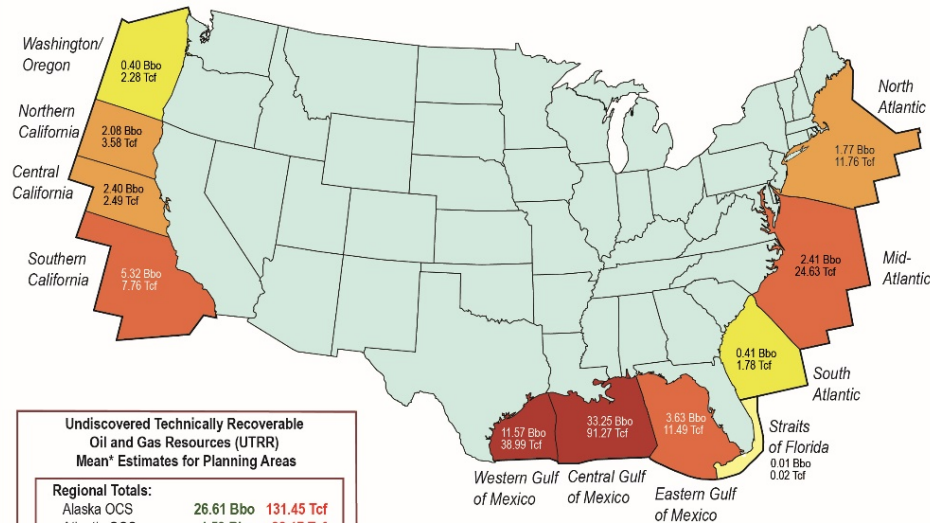
Oil and Gas Development and Production Plan Approval



Key: APD = Application for Permit to Drill; BOEM = Bureau of Ocean Energy Management; BSEE = Bureau of Safety and Environmental Enforcement; CD = Consistency Determination; CZM = Coastal Zone Management; DNA = Determination of NEPA Adequacy; EA = environmental assessment; EIS = environmental impact statement; G2G = government-to-government; NEPA = National Environmental Policy Act; NOI = Notice of Intent; OCS = Outer Continental Shelf; PEIS = programmatic environmental impact statement; ROD = Record of Decision

Oil and Gas Resource Potential

Assessment of Undiscovered Technically Recoverable Oil and Gas Resources of the Nation's Outer Continental Shelf, 2016



Undiscovered Technically Recoverable Oil and Gas Resources (UTRR) Mean* Estimates for Planning Areas

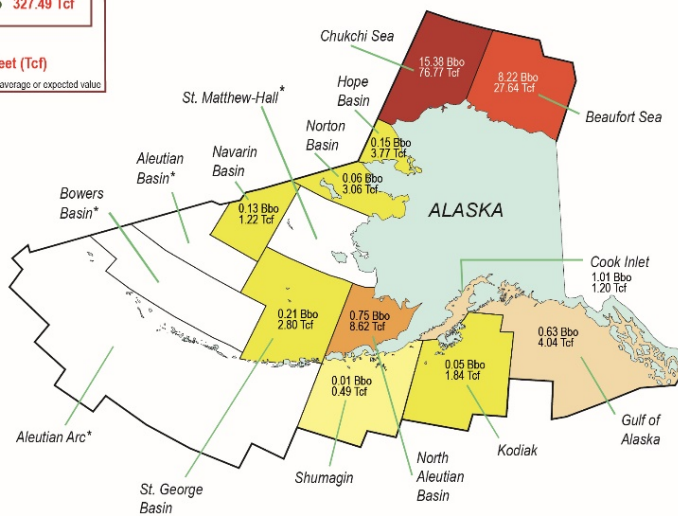
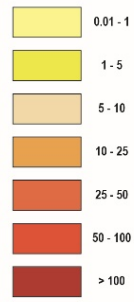
Regional Totals:	Oil (Bbo)	Natural Gas (Tcf)
Alaska OCS	26.61	131.45
Atlantic OCS	4.59	38.17
Gulf of Mexico OCS	48.46	141.76
Pacific OCS	10.20	16.10
Total U.S. OCS	89.87	327.49

Oil in Billions of Barrels (Bbo)

Natural Gas in Trillions of Cubic Feet (Tcf)

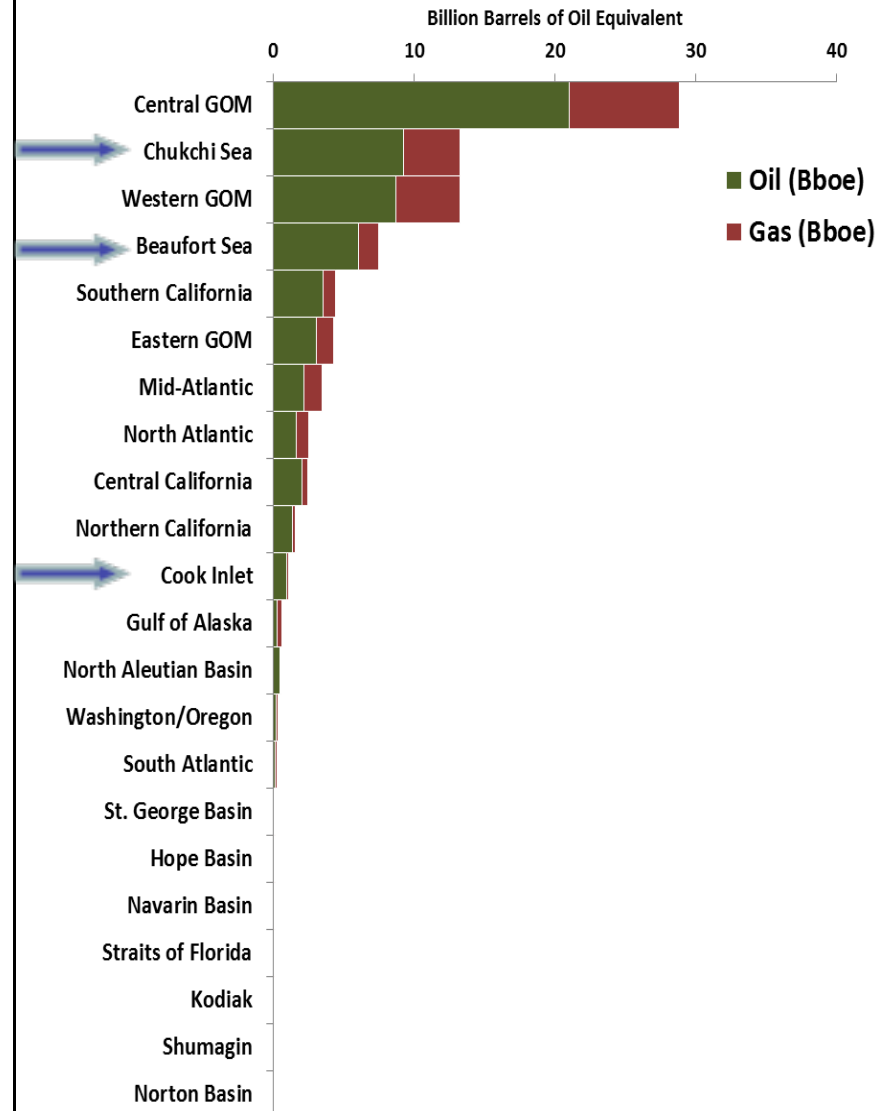
* Arithmetic average or expected value

Oil and Gas BTU Equivalent in Quadrillions (10¹⁵)

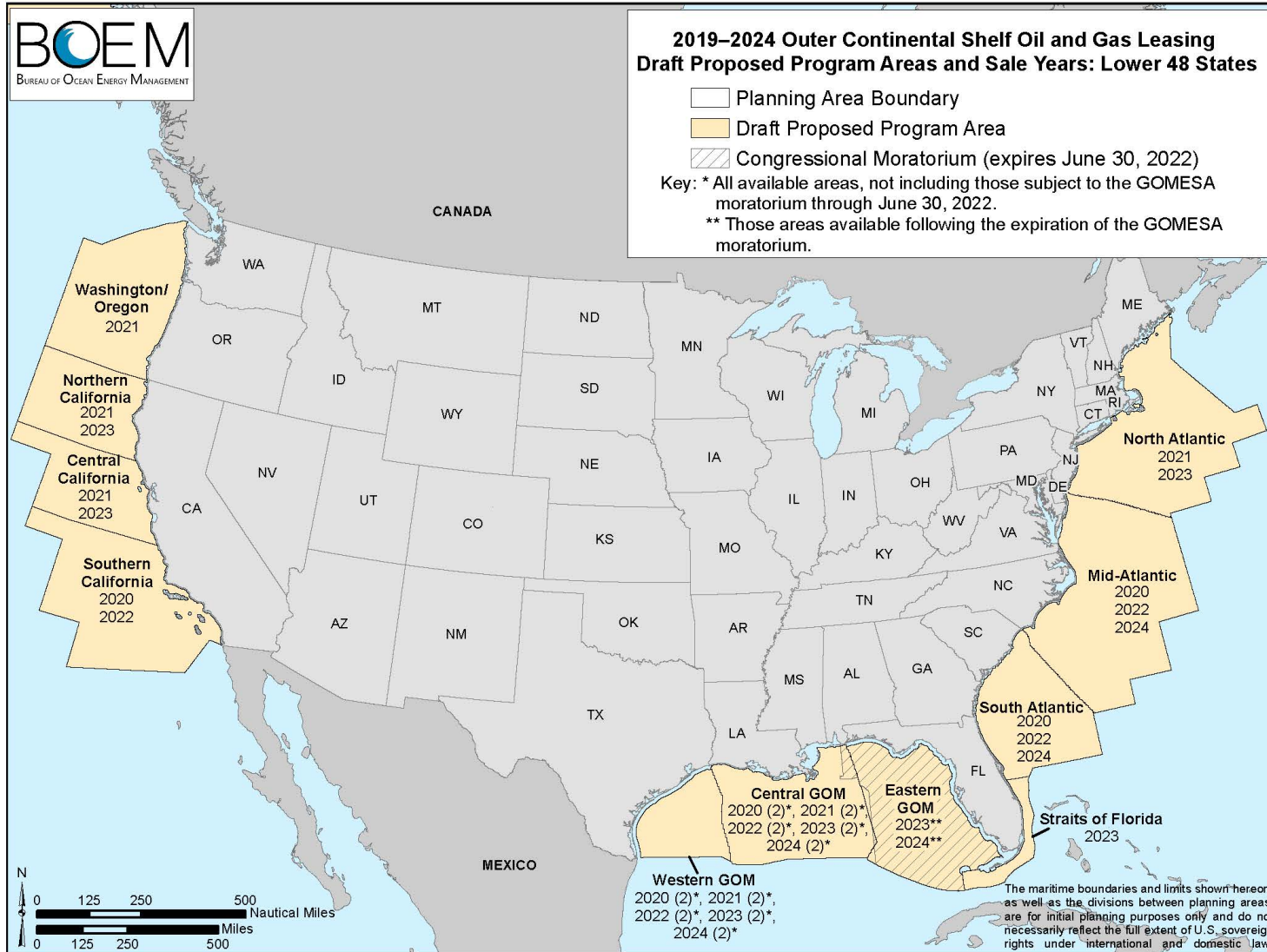


* Not evaluated in this study - petroleum potential is negligible.

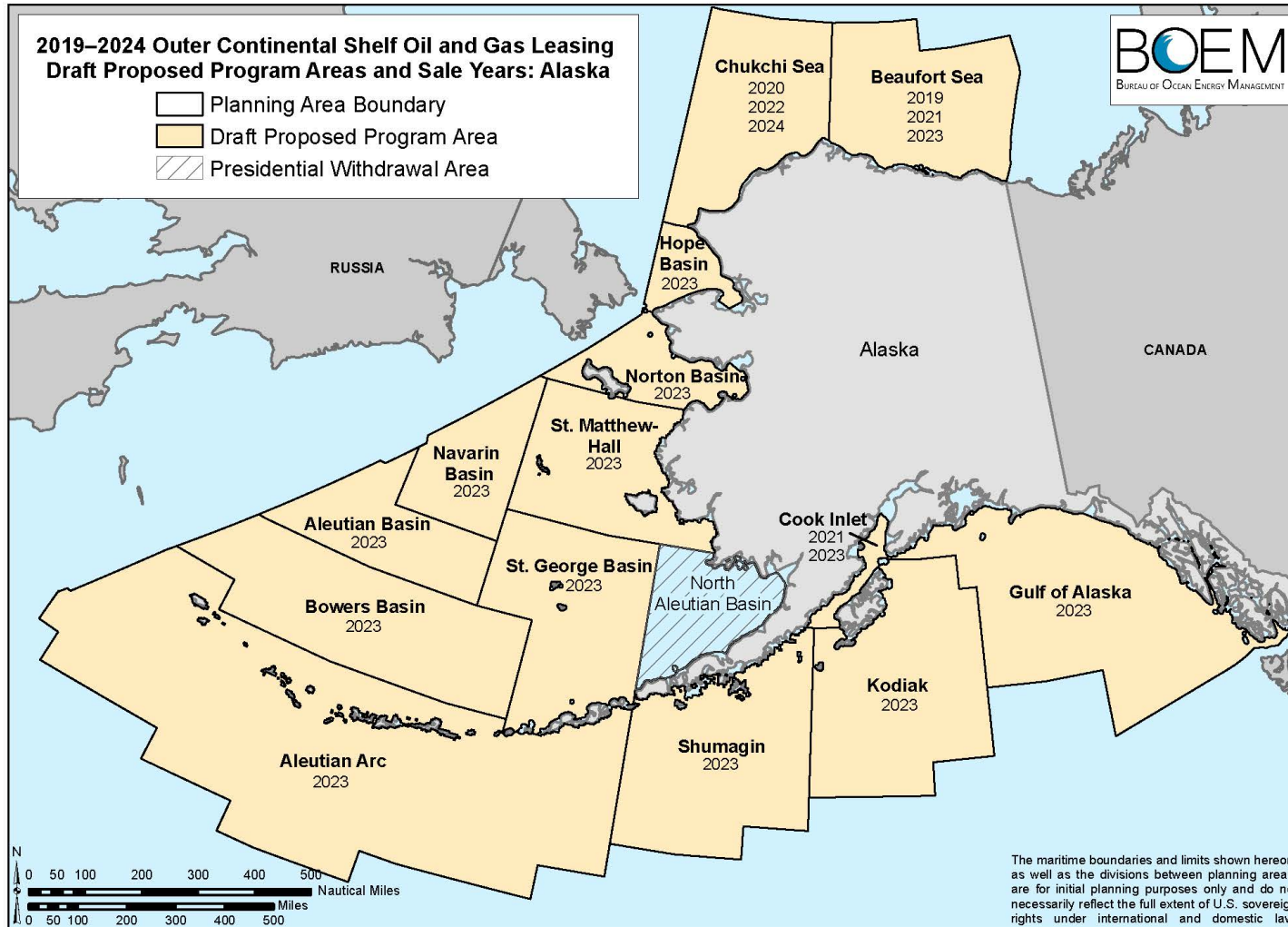
Unleased Undiscovered Economically Recoverable Resources (UERR) by OCS Planning Area (\$100 per barrel price case)



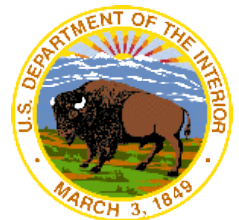
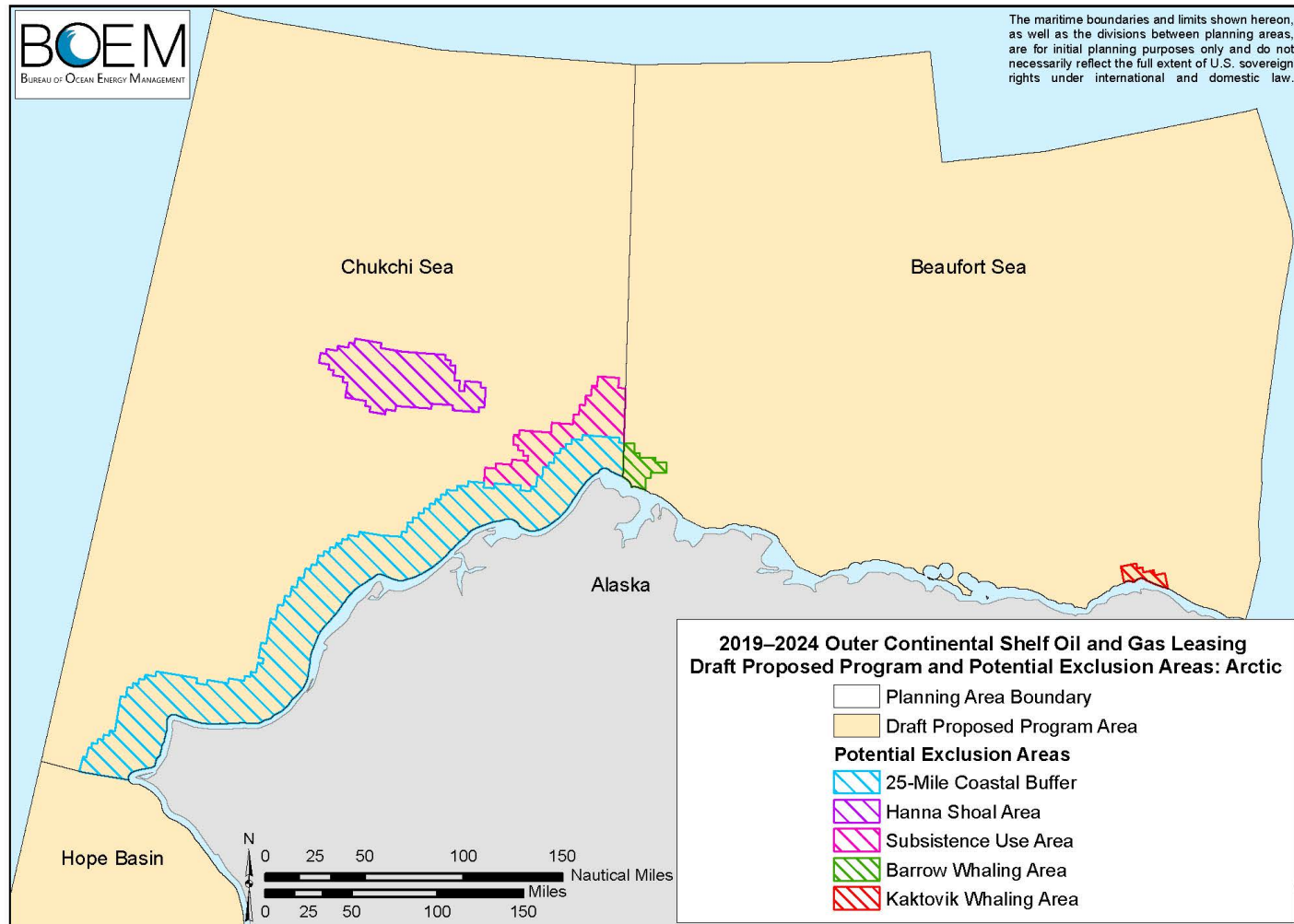
Lower 48 Draft Proposed Program Areas & Lease Sale Schedule



Alaska Draft Proposed Program Areas & Lease Sale Schedule



Arctic Potential Exclusions



National

- **Washington, DC** February 22, 2018

Alaska

- **Anchorage, AK** February 21, 2018

Pacific

- **Salem, OR** February 6, 2018
- **Sacramento, CA** February 8, 2018
- **Olympia, WA** March 5, 2018

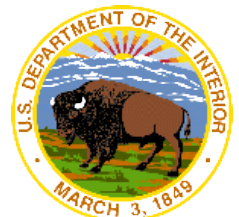
Gulf of Mexico

- **Jackson, MS** January 16, 2018
- **Austin, TX** February 6, 2018
- **Tallahassee, FL** February 8, 2018
- **Baton Rouge, LA** March 6, 2018
- **Montgomery, AL** March 8, 2018

Atlantic

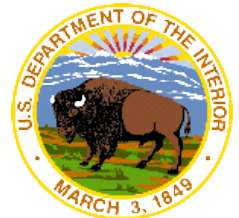
- **Annapolis, MD** January 16, 2018
- **Dover, DE** January 18, 2018
- **Hartford, CT** February 13, 2018
- **Columbia, SC** February 13, 2018
- **Trenton, NJ** February 14, 2018
- **Albany, NY** February 15, 2018
- **Richmond, VA** February 21, 2018
- **Raleigh, NC** February 26, 2018
- **Boston, MA** February 27, 2018
- **Atlanta, GA** February 28, 2018
- **Providence, RI** February 28, 2018
- **Concord, NH** March 5, 2018
- **Augusta, ME** March 7, 2018

23 total meetings are planned in mostly state capitals of each coastal state.



In Summary: *What Happens Next?*

- 60-day comment period on the DPP and scoping for the Programmatic EIS
 - Ends March 9th
- Publication of the Proposed Program and Draft Programmatic EIS
 - Targeting Late 2018
- Publication of the Proposed Final Program and Final Programmatic EIS
 - Targeting Mid-to-Late 2019
- 2019–2024 National Program approval and Record of Decision
 - Targeting Late 2019





Thank You