Atlantic OCS
Conventional Energy Update

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Gulf of Mexico Region

2015 Annual Marine Mammal Commission Meeting
May 6, 2015
Overview

• 2017-2022 5-Year Draft Proposed Program
• Atlantic OCS Background
• Atlantic Plays
• Atlantic G&G
Some of the eight factors can be quantified to facilitate comparison among planning areas

1. Resource Estimates and Net Social Value (= Economic Value minus Social Costs)
2. Equitable Sharing of Benefits and Environmental Risks
3. Regional and National Energy Needs
4. Other Uses of the OCS
5. Industry Interest and Resource Distribution
6. Environmental Sensitivity and Marine Productivity

Others have to be dealt with qualitatively

7. Geographical, Geological and Ecological Characteristics
8. Laws, Goals, and Policies of Affected States
Atlantic Region DPP Options

- One sale in 2021
- Combined Mid-Atlantic and South Atlantic Planning Areas, offshore the Commonwealth of Virginia and the States of North Carolina, South Carolina, and Georgia
- 50-statute-mile, no-leasing buffer to minimize conflicts with fishing, marine mammals and sea turtles critical habitat, and other environmental concerns
Status of Coastal State Comments on the Request for Information
What Happens Next?

- 60-day comment period on the DPP and scoping ended March 30, 2015
- Tabulation, summarization, and analysis of comments
- Prepare an analysis of the DPP and other options and present to the Secretary to develop the Proposed Program Decision
- Development of alternatives to the DPP for evaluation in the PEIS
- 2016- publication of the Proposed Program and Draft PEIS

DPP - [http://www.boem.gov/Five-Year-Program/](http://www.boem.gov/Five-Year-Program/)
PEIS - [www.BOEMoceaninfo.com](http://www.BOEMoceaninfo.com)
• Nine Atlantic OCS lease sales were held from 1976 to 1983
• No active leases on the Atlantic OCS
• No Atlantic sales are scheduled in the 2012-2017 Program; a sale for an area off Virginia was scheduled for 2011, but it was cancelled following the 2010 Deepwater Horizon event

• An EIS for G&G activity was completed for the Mid- and South Atlantic
• Record of Decision Issued in July 2014

See this web site for G&G permitting process: [http://www.boem.gov/Atlantic-G-and-G-Permitting/]
Currently Recognized BOEM Plays

- Cretaceous & Jurassic Blake Plateau Basin
- Late Jurassic – Early Cretaceous Carbonate Margin
- Cretaceous & Jurassic Marginal Fault Belt
- Cenozoic – Cretaceous & Jurassic Carolina Trough Salt Basin
- Cretaceous & Jurassic Interior Shelf Structure
- Cretaceous & Jurassic Hydrothermal Dolomite
- Triassic – Jurassic Rift Basin
- Cenozoic – Cretaceous & Jurassic Paleo-slope Siliciclastic – extension
U.S. Atlantic OCS
BOEM Plays with DDP Area & 50-mile Buffer

DPP Area with 50-mile Buffer
Typical Mitigations

- Various mitigations for protected species
  - Time-area closures
  - Exclusion zones
- Protected Species Observers (PSO)
- Required use of Passive Acoustic Monitoring (PAM)
- Exclusion areas for protection of known benthic communities
- Protection of Archaeological Resources
  - Avoidance/reporting guidance
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**CZM**
- CC = Conditional Concurrence
- C = Concurrence
- NA = Not Applicable
- ST = Stay
- WR = Withdrew Review
- PC = Presumed Concurrence
2.5 mile by 2.5 mile 2D Seismic Grid
View of Charleston, SC
10 mile by 10 mile 2D Seismic Grid
View of Charleston, SC
30 mile by 40 mile 2D Seismic Grid
View of Charleston, SC
G&G Permit Grid Size Examples

50 mile by 70 mile 2D Seismic Grid
View of Charleston, SC and Savanna, GA
Thank You

http://www.boem.gov/Atlantic-Region/

http://www.boem.gov/Geological-and-Geophysical-Data-Atlantic/