

North Carolina Outer Continental Shelf Planning for Offshore Wind

BUREAU OF OCEAN ENERGY MANAGEMENT

PUBLIC INFORMATION MEETING

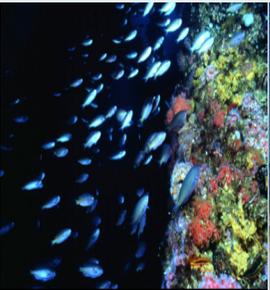
FEBRUARY 12, 2015

Bureau of Ocean Energy Management

Bureau within the Department of Interior

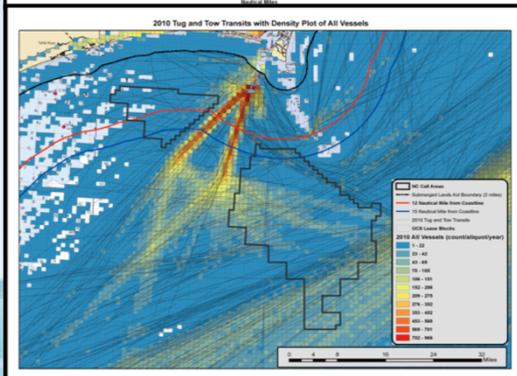
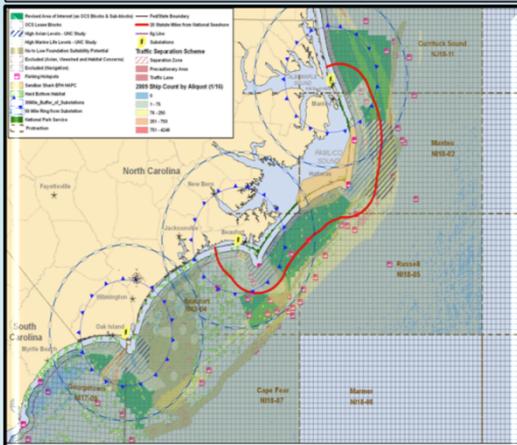
Oversees development of the nation's oil and gas, renewable energy, and other mineral and energy resources on the Outer Continental Shelf

Jurisdiction is 3 statute miles out to the Exclusive Economic Zone (~200 miles) in the Atlantic



Stages of Offshore Wind Authorization Process

Planning and Analysis



Leasing



Site Assessment



Construction and Operations



Stage 1: Planning and Analysis for North Carolina

Establish Intergovernmental Task Force; Engaged Stakeholders

- August 2010*
- January 2011: Wilmington NC
- May 2011: Raleigh, NC
- October 2011: Wilmington, NC
- August 2012: Nags Head, NC

Area Identification

- Maritime Working Group**
 - December 2013; June 2013; July 2013;
 - Survey Questionnaire October 2013
- Visual Simulation Open Houses**
 - January 2013; August 2013
 - Announced Area ID August 2014

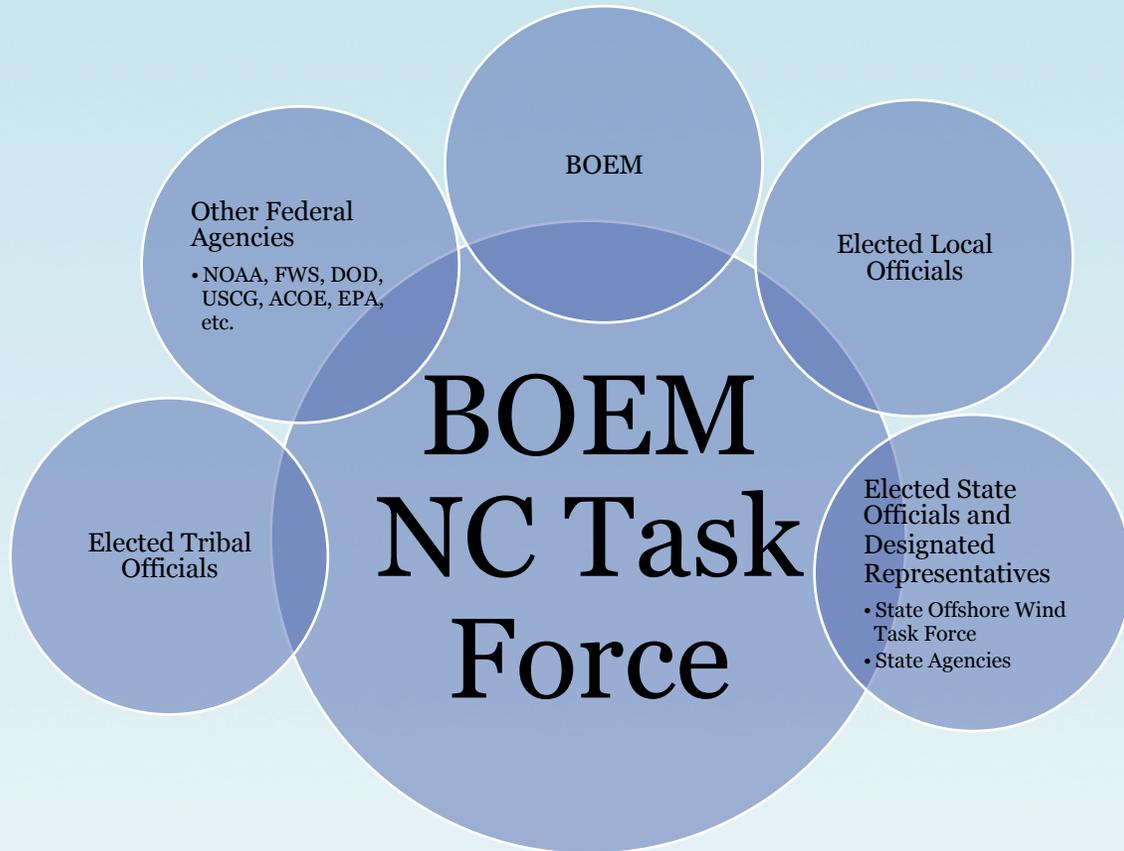
Publish Call for Information and Nominations and Notice of Intent to Prepare an Environmental Assessment

- Published December 13, 2012
- Public Meetings January 2013
- Comment Period Closed March 7, 2013

Conduct Environmental Compliance Reviews

- Published NOA Environmental Assessment Jan. 22, 2015
- 30 day Comment Period

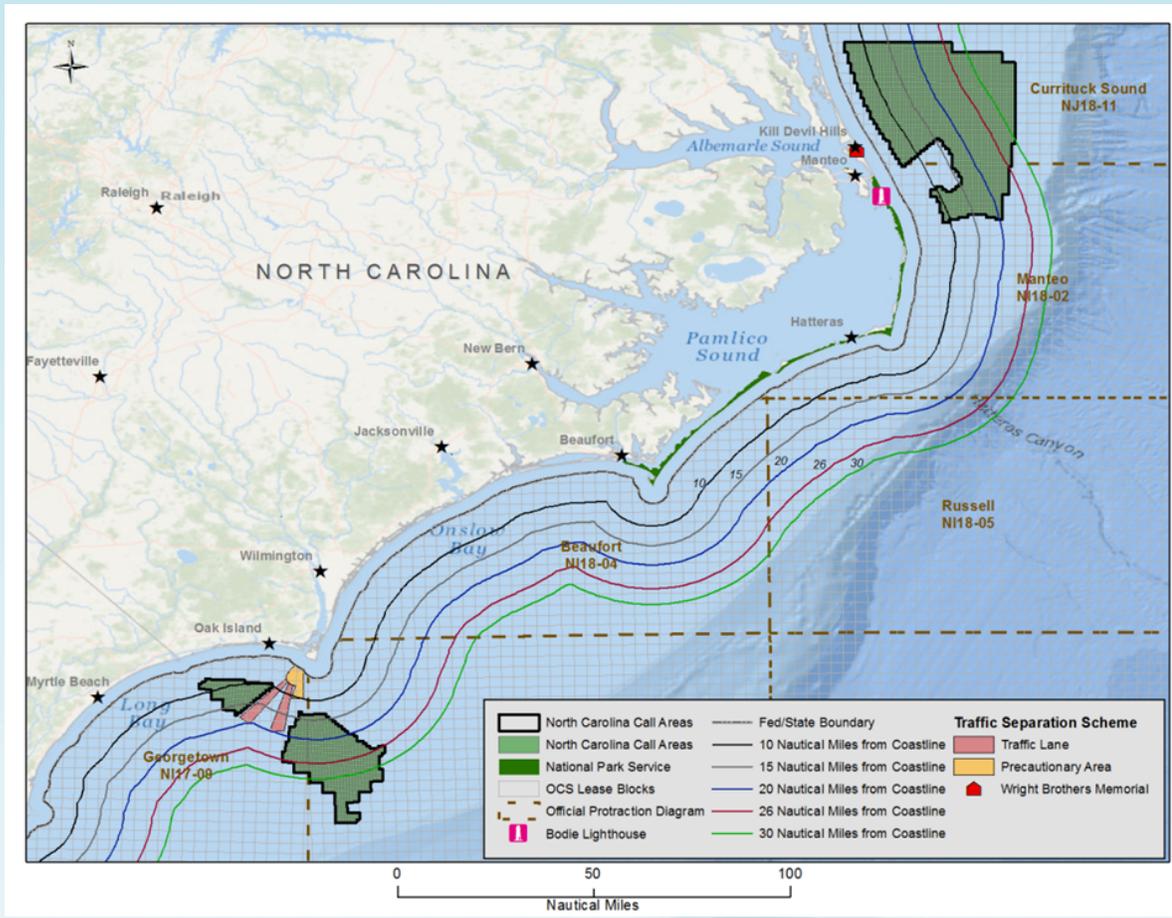
BOEM North Carolina Task Force



BOEM NC Task Force Meetings

- * January 2011 – Wilmington, NC
- * May 2011 – Raleigh, NC
- * October 2011 – Wilmington, NC
- * August 2012 – Nags Head, NC
- * All meetings are open to the public and include Q/A

Development of the North Carolina Call Areas



Federal, State and
NGO Initiated
Studies

Lessons Learned
From the
Delineation of
Other Call Areas

BOEM North
Carolina Renewable
Energy Task Force
Dialogue

Analysis of
Available Data

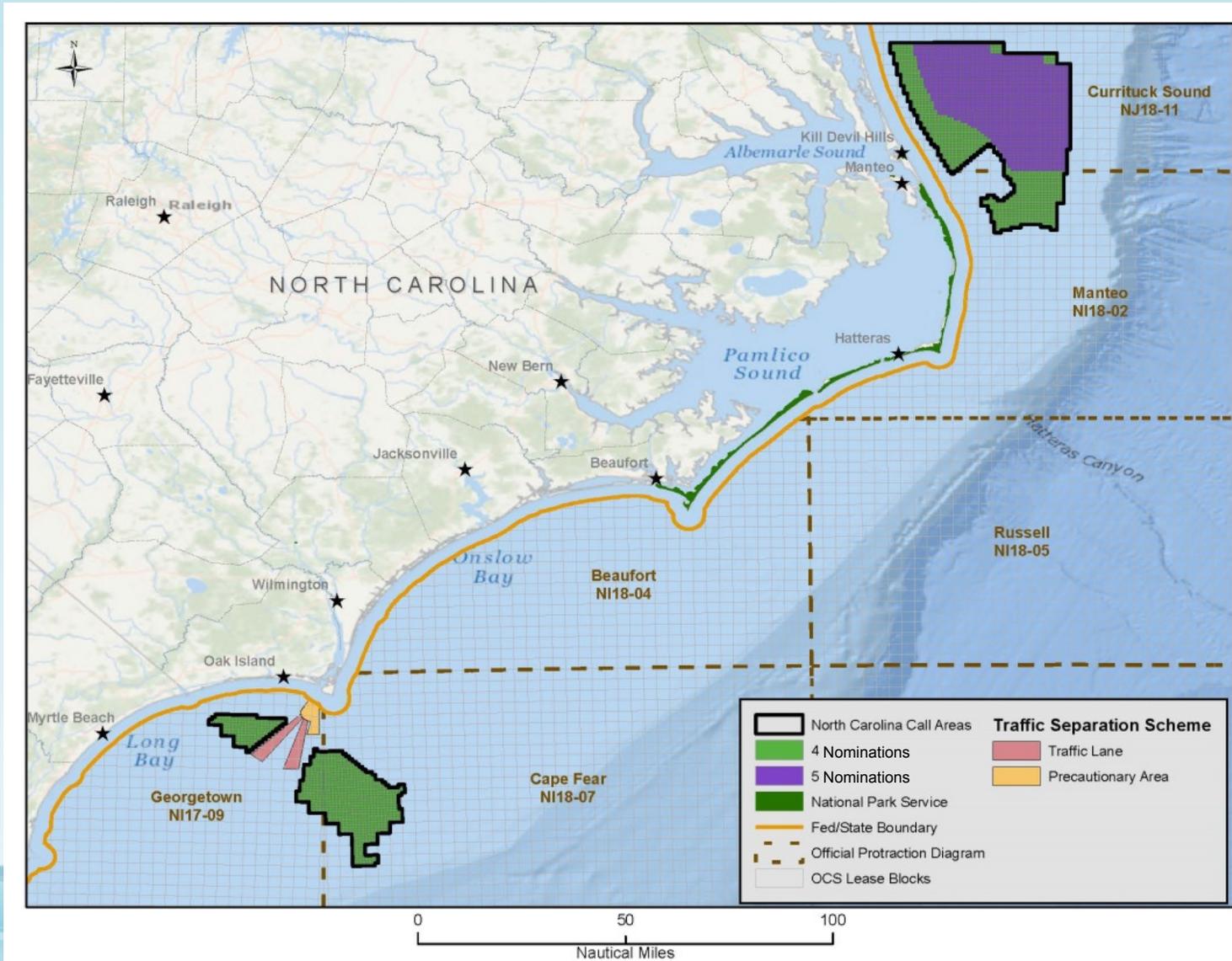
Stakeholder Input

Motivated Partners

December 2013 BOEM published:

- ❖ North Carolina Call for Information and Nominations of Interest (Call)
- ❖ Notice of Intent to Prepare an Environmental Assessment (NOI)

Nominations Received



Key Issues in Response to Call

Visual Impacts

National Park Service Resources

Coastal Communities

Vessel Traffic and Navigational Safety

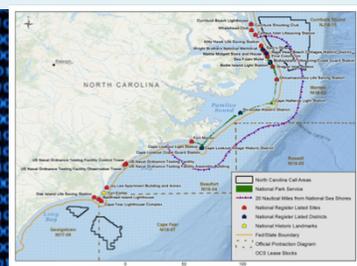
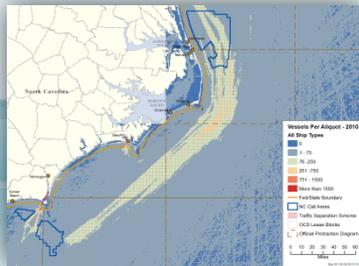
Deep water Vessels

Tugs and Towing Vessels

Environmental

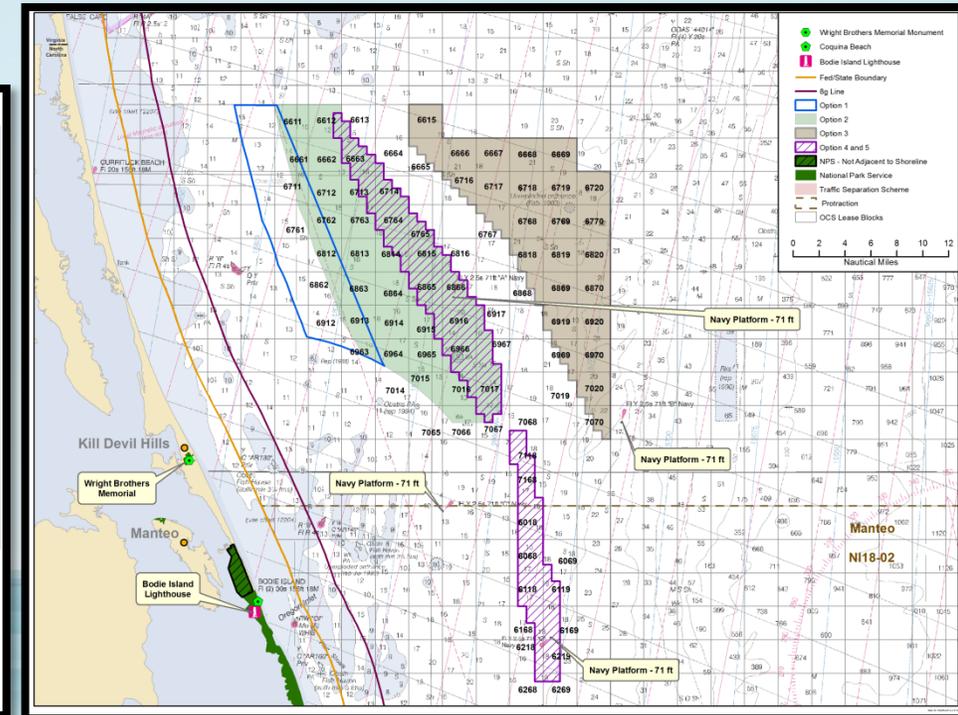
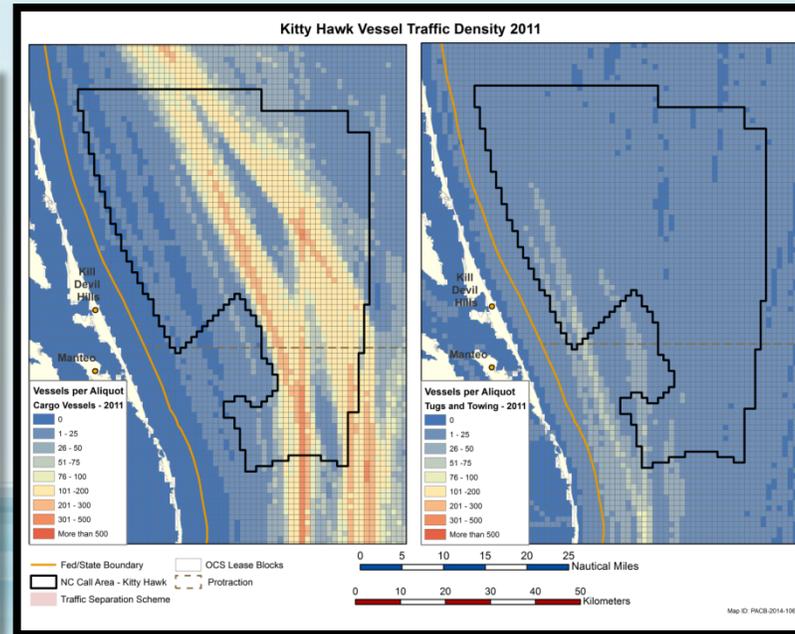
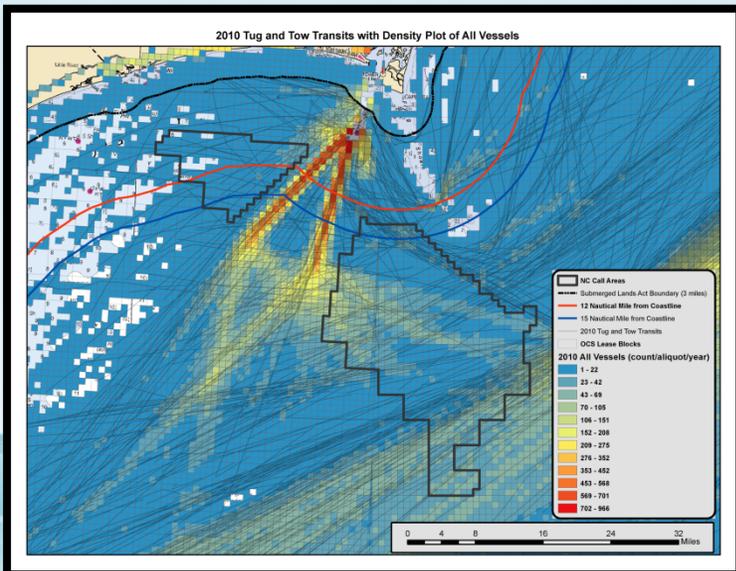
Marine Mammals

Data Availability

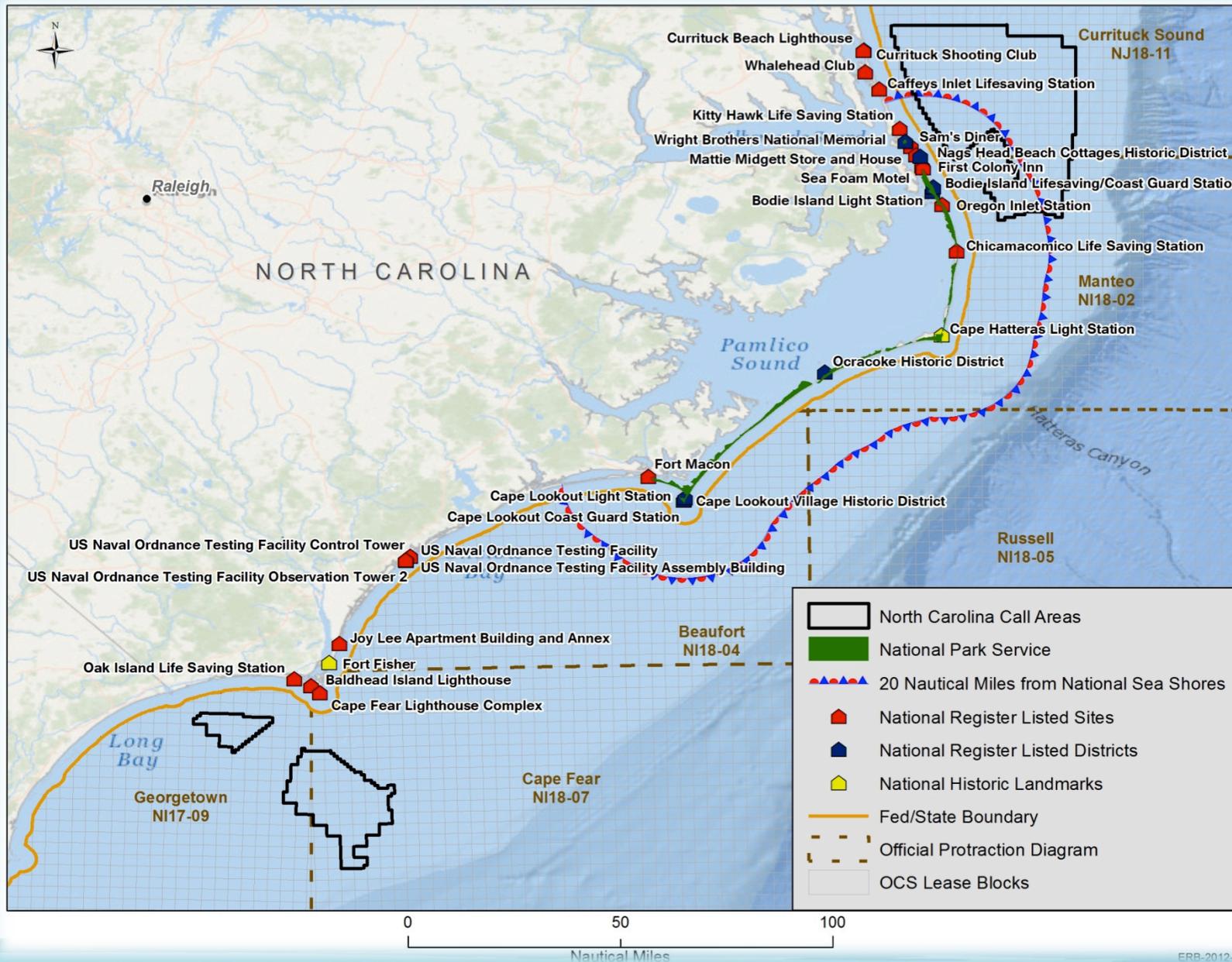


Maritime Concerns

- ❖ Maritime Stakeholder Meetings:
 - ❖ December 2012 in Norfolk, Virginia
 - ❖ June 2013 in Norfolk and Arlington, Virginia
- ❖ September 2013 questionnaire/survey effort lead by the USCG
 - ❖ 100 members



North Carolina Visualization Study to Assist in Assessing Visual Impacts

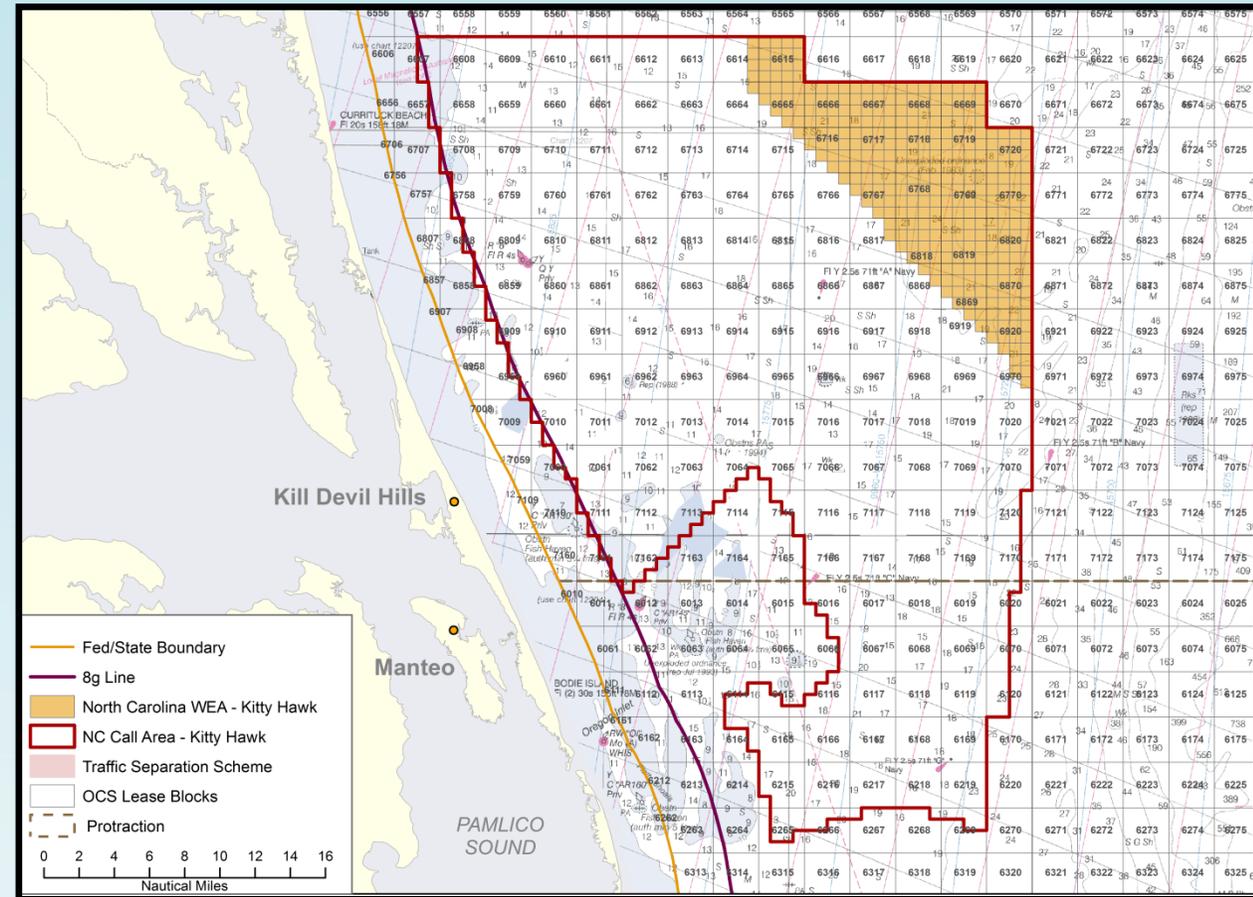
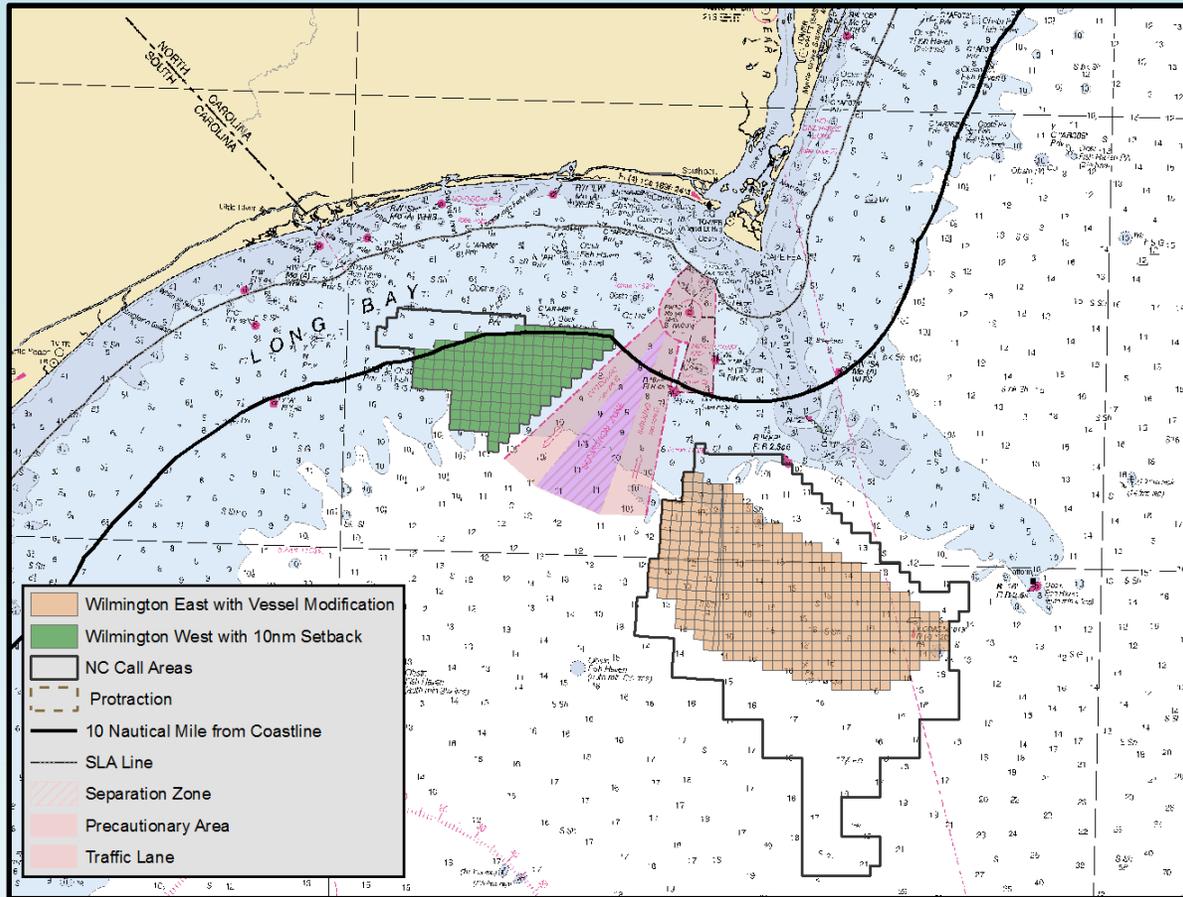


- ❖ Conducted in Partnership with the National Park Service
- ❖ 18 Different Locations
- ❖ 4 Lighting Conditions
- ❖ 3 Distances (10 nmi, 15nmi and 20nmi)
- ❖ Two Turbine Models (3.6 M and 8MW)

Visual Simulation Open Houses

- ❖ January 2013 - Kitty Hawk, NC
- ❖ January 2013 - Wilmington, NC
- ❖ August 2013 - Carolina Shores, NC
- ❖ August 2013 - North Carolina

North Carolina Wind Energy Areas



NC Stage 2: Leasing

Publish Proposed Sale Notice (PSN)

•60 day comment period

Hold Auction Seminar

•Open to the Public

Execute Lease (s)

Publish Final Sale Notice (FSN)

•No comment period.

Hold Lease Sale

•No sooner than 45 days from the publication of the FSN.

Stage 1: Planning and Analysis for North Carolina

Establish Intergovernmental Task Force

- January 2011: Wilmington NC
- May 2011: Raleigh, NC
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Area Identification

- Announced August 2014

Stage 2: Leasing

- Proposed Sale Notice
- Comment Period
- Final Sale Notice
- Mock Auction
- Auction

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Thank You!