

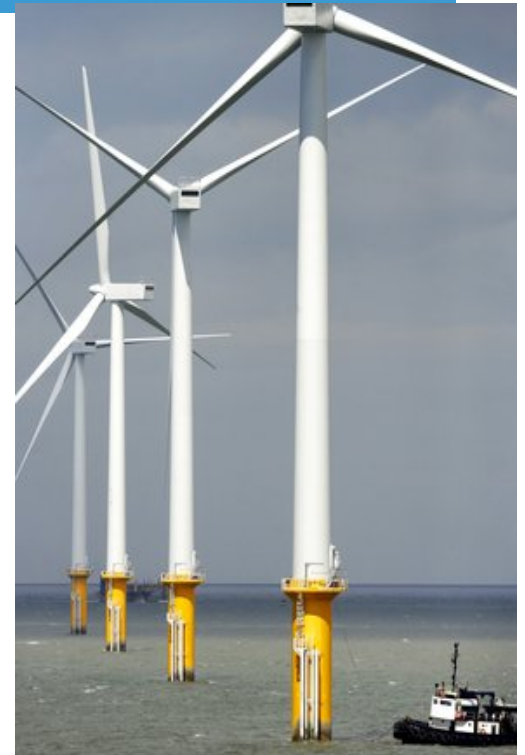


# SE Regional Offshore Wind Stakeholder Engagement

**Dr. Stephen A. Smith**  
**Southern Alliance for Clean Energy**  
**September 6, 2012**

# About Us

- ***SACE promotes responsible energy choices that create global warming solutions and ensure clean, safe and healthy communities throughout the Southeast.***
- ***SACE has been a leading voice for energy policy to protect the quality of life and treasured places in the Southeast for over 25 years. Founded in 1985, SACE remains the only regional organization primarily focused on developing clean energy solutions throughout the Southeast.***



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# Agenda

- Welcome, Dr. Stephen A. Smith, Executive Director, SACE
- SE Regional OsW Stakeholder Concept and Intent, Dwight Bailey, Enersource LLC
- Walter D. Cruickshank, Deputy Director, Bureau of Ocean Energy Management
- Survey Results and Discussion
- Stakeholders Introduction
- Wrap Up/Next Steps

# Southeast States

## State Activities: Task Force

Virginia ✓

North Carolina ✓

South Carolina ✓

Georgia

Florida



# SE OsW Regional Stakeholder Concept and Intent

## **Purpose**

To conduct open and transparent communication in prioritizing regulatory elements where two or more states can collaborate in the BOEM process for expediting regional recognition of the vast wind resource along the southeast coast

## **Approach**

- Convene initial key federal, state and local stakeholders.
- Identify and prioritize regulatory issues dealing with permitting, siting or public resistance
- Develop and implement strategies for regional collaboration

# SE OsW Regional Stakeholder Concept and Intent cont'd

## Regional Drivers

- Southeast States Want It
- Industry Suggests It
- SE Coastal Commonalities

## Process

- 6 Teleconference Meetings
- Coordinate with BOEM
- Present Recommendations to BOEM and Governors





# Overview of BOEM's Renewable Energy Program and South Atlantic Initiatives

September 6, 2012

**Walter D. Cruickshank**

Deputy Director  
Bureau of Ocean Energy Management



# Bureau of Ocean Energy Management

- Manages development of the nation's offshore resources in an environmentally and economically responsible way





# Types of Renewable Energy Activities

- **Wind**—commercial project proposals from Maine to North Carolina, resource data collection off Georgia, and research off Hawaii
- **Wave**—preliminary interest in research and eventual commercial leasing off Oregon
- **Ocean Current**—resource data collection and technology testing off southeast Florida
- **Transmission**—multiple-phased project between Virginia and New Jersey/New York; individual projects off Rhode Island and Hawaii



# Summary of Regulatory Framework

- Coordination (throughout rule)
  - Federal/State/Local/Tribal Task Forces
- Lease and Grant Issuance (Subparts B and C)
  - Commercial and Limited Leases
  - Competitive and Noncompetitive Leasing
  - Rights-of-Way and Rights-of-Use and Easements
  - Research Activities
- Payments (Subpart E)
  - Bonding, Payments, Revenue Sharing
- Plans (Subpart F)
  - Site Assessment and Construction & Operations
  - General Activities
- Conduct of Approved Plan Activities (Subpart H)
  - Environmental and Safety Monitoring & Inspections
- Decommissioning (Subpart I)

# Ocean Planning

BOEM is contributing in two important ways:

- With our multipurpose marine cadastre, which is an integrated marine information system that provides legal, physical, ecological, and cultural information in a common GIS framework
- With the work of our state intergovernmental task forces and associated consultation mechanisms to address and resolve competing resource and use issues

# Intergovernmental Task Forces

- Affected State, local, & tribal governments and Federal agencies participate
  - Does not replace consultation under existing Federal laws and regulations
- Forum to:
  - **Educate** each other about permitting and statutory responsibilities, and stakeholders' issues
  - **Exchange data** about biological and physical resources, uses, and priorities
  - **Continue dialogue** about renewable energy activities throughout the leasing process
- BOEM considers task force input in our renewable energy leasing decisions

# Intergovernmental Task Forces

- Atlantic Task Force States: Maine, Massachusetts, Rhode Island, New York, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina
- Pacific Task Force States: Oregon, Hawaii



# Key Stakeholder Issues

- Commercial fishing
- Viewshed
- Port Access
- Navigation and safety
- Archaeological and cultural sites
- Historic sites and places
- Protected species (marine mammals, birds, turtles)
- Migratory birds
- Sensitive offshore habitats (e.g., cold water corals and essential fish habitats)
- DOD and NASA offshore training and exercise areas



# Environmental Studies

- BOEM's Environmental Studies Program develops, conducts and oversees scientific research to inform policy decisions regarding management of Outer Continental Shelf (OCS) energy and mineral resources.

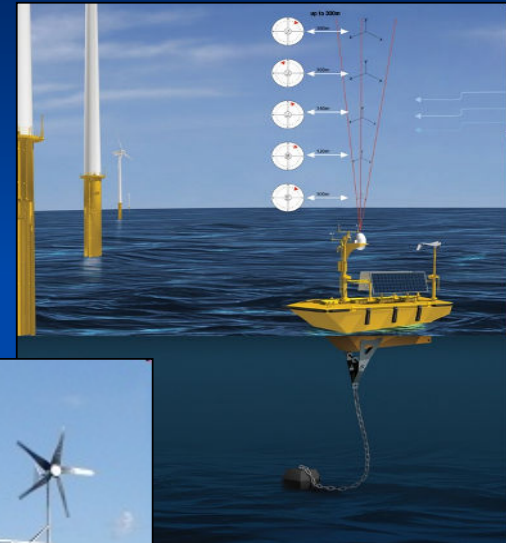
# Smart from the Start

- Secretary of the Interior Ken Salazar launched the 'Smart from the Start' wind energy initiative for the Atlantic OCS in Nov. 2010 to facilitate siting and leasing of new projects, spurring rapid and responsible development.
- Wind Energy Areas (WEA) are offshore locations that appear most suitable for wind energy development and are a focus for data collection.

# ‘Smart from the Start’ Progress to Date

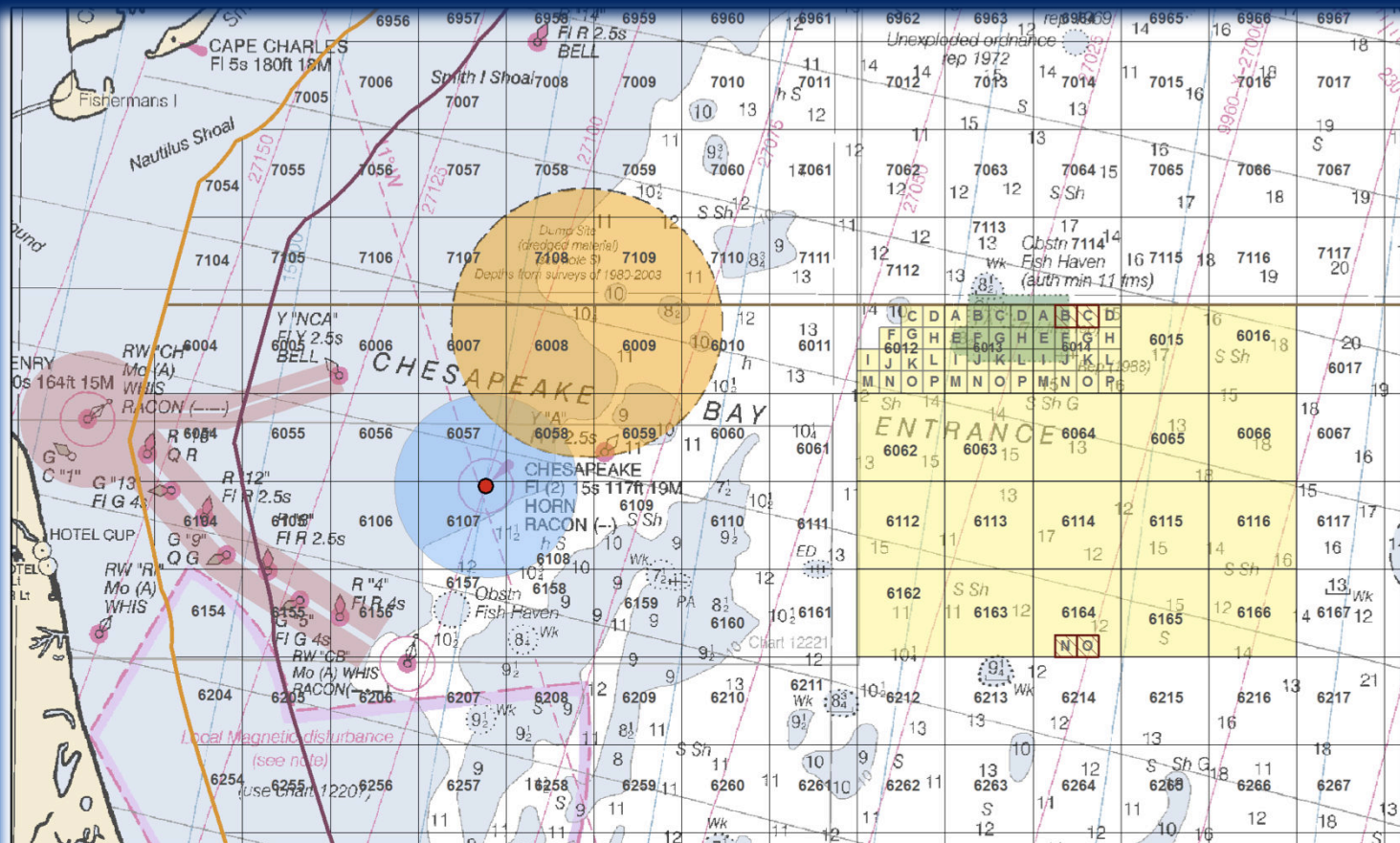
- Identified 6 WEAs (VA, MD, DE, NJ, RI, and MA)
- Completed Environmental Assessment and issued Finding of No Significant Impact for VA, MD, DE, and NJ WEAs
- Published EA for RI WEA for public comment
- Preparing EA for MA WEA
- Finishing up design of an auction format
- Processing unsolicited lease requests off ME and NY
- Preparing Proposed Sale Notices for VA and RI WEAs
- Negotiating noncompetitive issuance of a lease in the DE WEA

# South Atlantic Initiatives





# Virginia



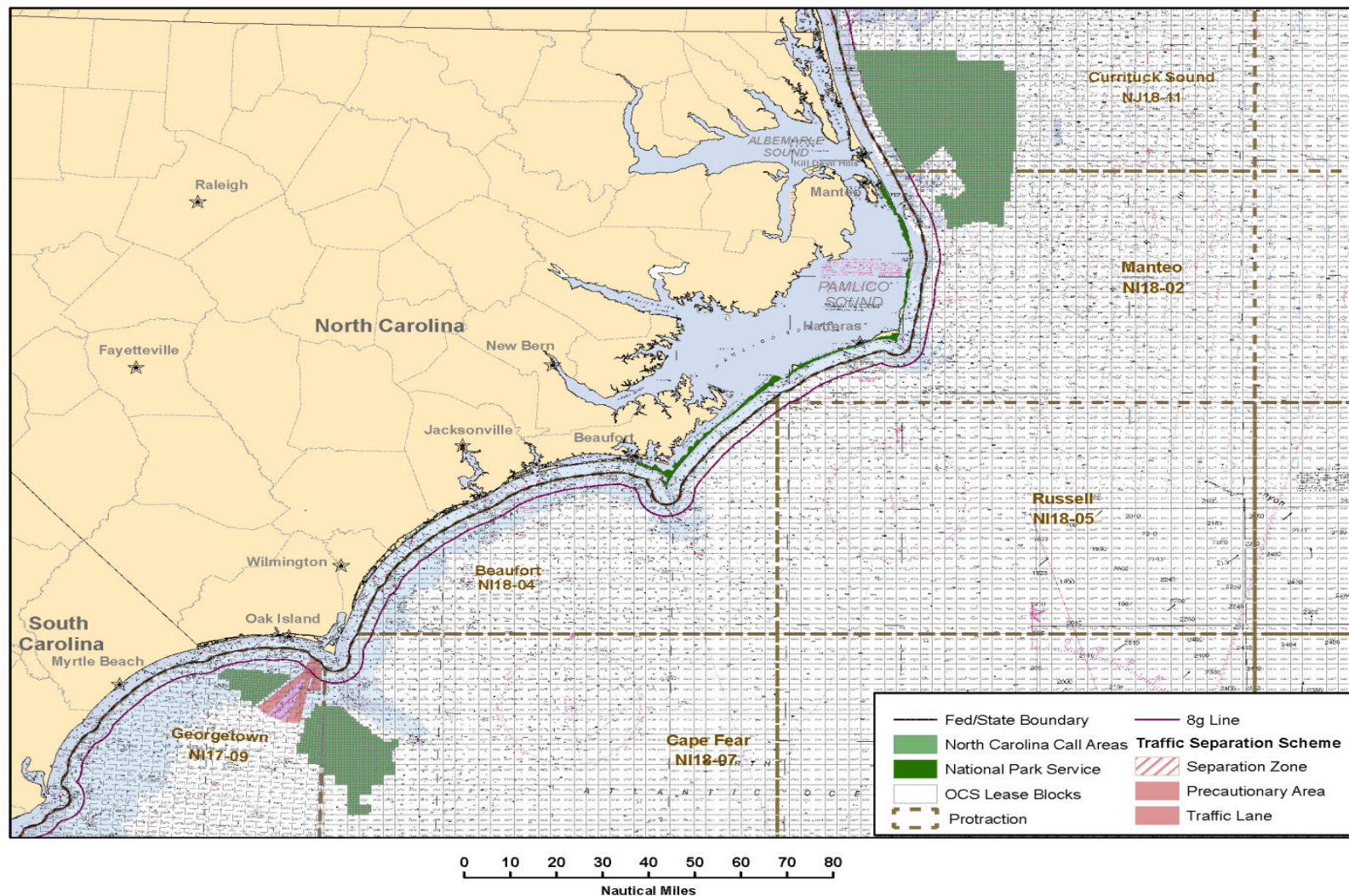
- Fed/State Boundary
- 8g Line
- Chesapeake Light House
- Chesapeake Lt/Bcn 5km Zone
- Fish Haven
- Dredge Disposal Area
- Traffic Separation Scheme
- Proposed Research Sub-blocks
- BOEM - Virginia Proposed Lease Area
- OCS Lease Blocks
- Official Protraction Diagram

0 2 4 6 8 10 12 Nautical Miles

0 5 10 15 20 Kilometers

Map ID: PACB-2012-1079

# North Carolina

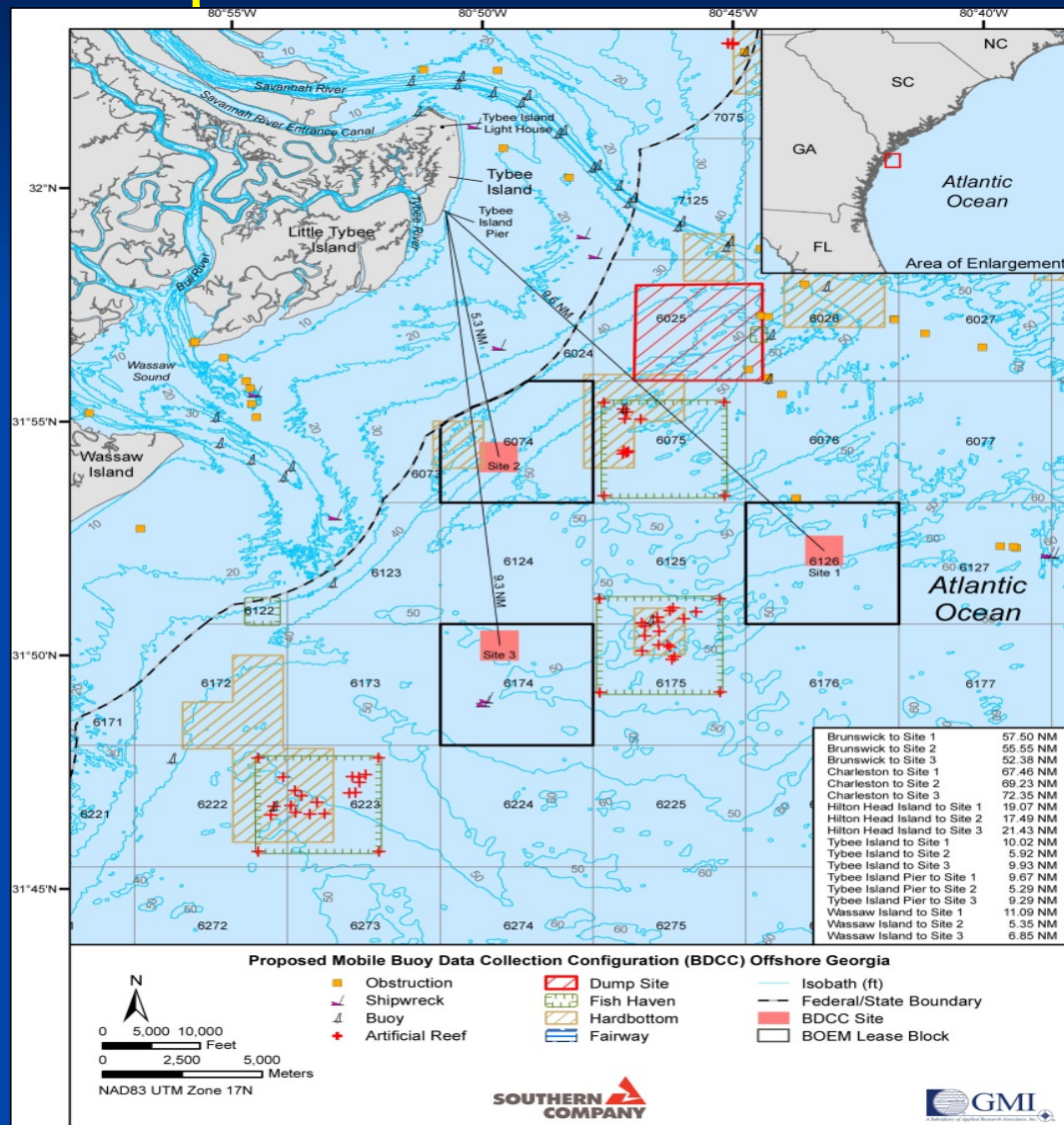




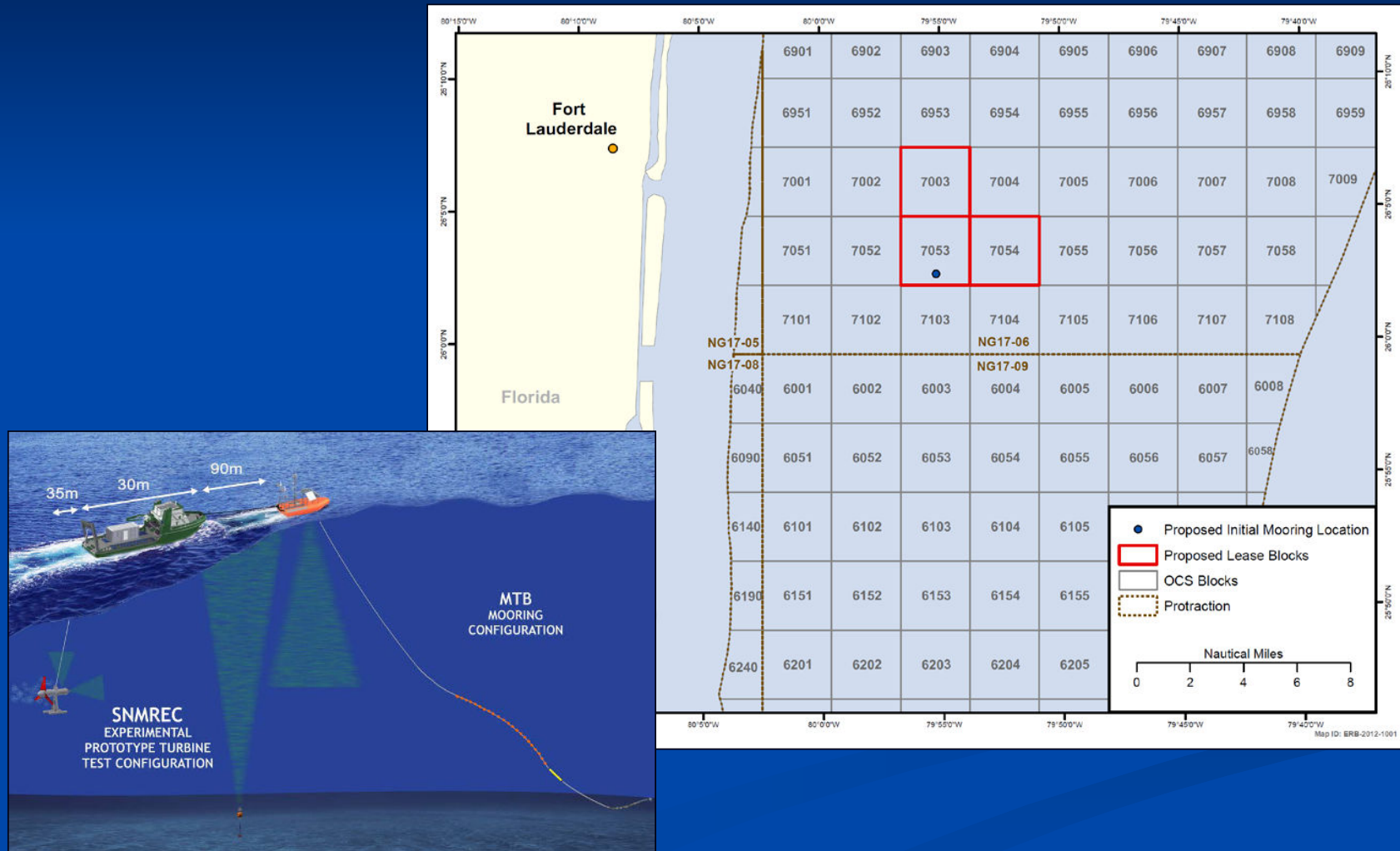
# South Carolina

- Received request from Gov. Haley to establish a BOEM Task Force in Fall 2011
- Held first Task Force meeting in Charleston in March 2012
- Held second meeting by webinar in May 2012
- Next meeting could be held this Fall to begin considering possible wind planning areas

# Georgia Data Collection – Proposed Lease Areas



# Florida Technology Testing – Proposed Lease Area



# Conclusion

**BOEM's goal:** An efficient and reliable OCS renewable energy program that provides for safe and environmentally-sound leasing and development of the full spectrum of offshore renewable energy resources

# Survey Results and Discussion

- Lack of RPS in Most States
- Need Standardized Environmental Screening
- Need State Regulatory Framework for Reviewing Shore Connection of Project
- LCUP Planning, Inability of 3<sup>rd</sup> Party Developer to Deliver Energy to Grid
- Need for Hub Height Resource Assessments
- Need for Pre-NEPA Review

# Key Stakeholders

Bob	Leker	NC SEO Manager, Renewable Energy
Brian	Smith	NOS/CSC Coastal Geospatial Services Division
Brian	O'Hara	SE Coastal Wind
Casey	Reeves	Program Manager RE BOEM
Catherine	Vanden Houten	SC State Energy Office Director
Chris	Carnevale	SACE SC Renewable Energy Manager
Debra	Hernandez	Southeast Coastal Ocean Observing Regional Association
Elizabeth	Kress	Principle Engineer, Santee Cooper
Erin	Trager	Program Manager, Renewable Energy BOEM
Frederick	Engle	Energy Policy Analyst/Department of Defense
George	Martin	Project Manager, GA Power
Gillespy	Clark	State President, South Carolina, Duke Energy
Hamilton	Davis	SC Coastal Conservation League/Energy and Climate Director
Jill	Andrews	Grant Coordinator/GA Department of Natural Resources , Coastal Resources Division
John	Leeds	FL State Energy Office Renewable Energy Manager



# Key Stakeholders Cont'd

John	Bucci	
Jonathan	Bartlett	US Department of Energy National Lead/ Wind Powering America
Kristofor	Anderson	Energy Assurance Project Manager, Georgia Environmental Finance Authority
Larry	Shirley	Director, Development of the Green Economy , NC
Leann	Bullin	Public Affairs Specialist BOEM
Maria	Hubert	SACE Renewable Energy Director
Mary	Hunt	Director,, Special Projects - SEI at GA Tech
Nick	Rigas	Director, Drivetrain Facility/Clemson University (SC)
Richard	Darden	Regulatory Division, Army Corps of Engineers
Rita	Kilpatrick	SACE Georgia Director
Simon	Mahan	SACE Renewable Energy Manager
Steve	Spivey	Manager of Renewable Energy, Santee Cooper
Taylor	Moellers	James Madison University
Tim	Ivey	NC Dept of Commerce
Tony	Dorazio	VP Wind Development, Duke Energy
Williams	Blair	Manager, Wetland Permitting Section Department ,Health and Environmental Control, SC
Will	Waskes	Program Manager. Renewable Energy Manager

# Wrap-up/Next Steps

- Suggestions for Additional Key Stakeholders
- Next Meeting
  - Develop Mission and Process Structure
  - Identify Initial Regulatory Elements for Deliberation
  - Identify Initial Solutions

Maria Hubert, Renewable Energy Director  
mhubert@cleanenergy.org  
727-667-5759 or 865-637-6055 x 15