



OCEANS '12 MTS/
IEEE
Harnessing the Power of the Ocean
Hampton Roads, Virginia
Oct. 14-19

A first for Hampton Roads
2500 attendees
Virginia Beach Convention Center

What is an Oceans Conference?

- International forum for ocean engineering and marine technology
- Sponsored by-
 - Marine Technology Society
 - Oceanic Engineering Society of IEEE



Agenda 13 – 18 October

- **Saturday** **Educators Workshop** **@ Virginia Aquarium**
- **Monday** **Tutorials & Workshops** **@ Virginia Beach Convention Center**
Icebreaker Reception **@ Virginia Aquarium**
- **Tues – Thu** **Main Conference** **@ Virginia Beach Convention Center**
Plenary & Special Sessions
Technical Program
Exhibitions
Student Activities
Gala Reception (Wed) **@ Nauticus**

VIP Invitation List

- Dr. Don Winter (prior SECNAV) - confirmed
- Dr. Kathy Sullivan (NOAA front office) – confirmed
- Sen Jim Webb (interested)
- Secretary of Navy (interested)
- Secretary of Defense Panetta (Ocean Commission connection) (interested)
- Governor McDonnell (interested)
- Commander, Fleet Forces (interested)
- Congressman Scott Rigell (interested)

Honorary Chairs

- Mayor William Sessoms
- Mayor Paul Fraim
- President John Broderick (ODU)



Core Technical Tracks

Over 450 technical papers
will be presented!

- Underwater Acoustics
- SONAR Processing
- Ocean Observing
- Remote Sensing
- Data Visualization
- Marine Environment
- Optics & Imaging
- Marine Law
- Offshore Fixed Structures
- Vehicles & Floating Structures

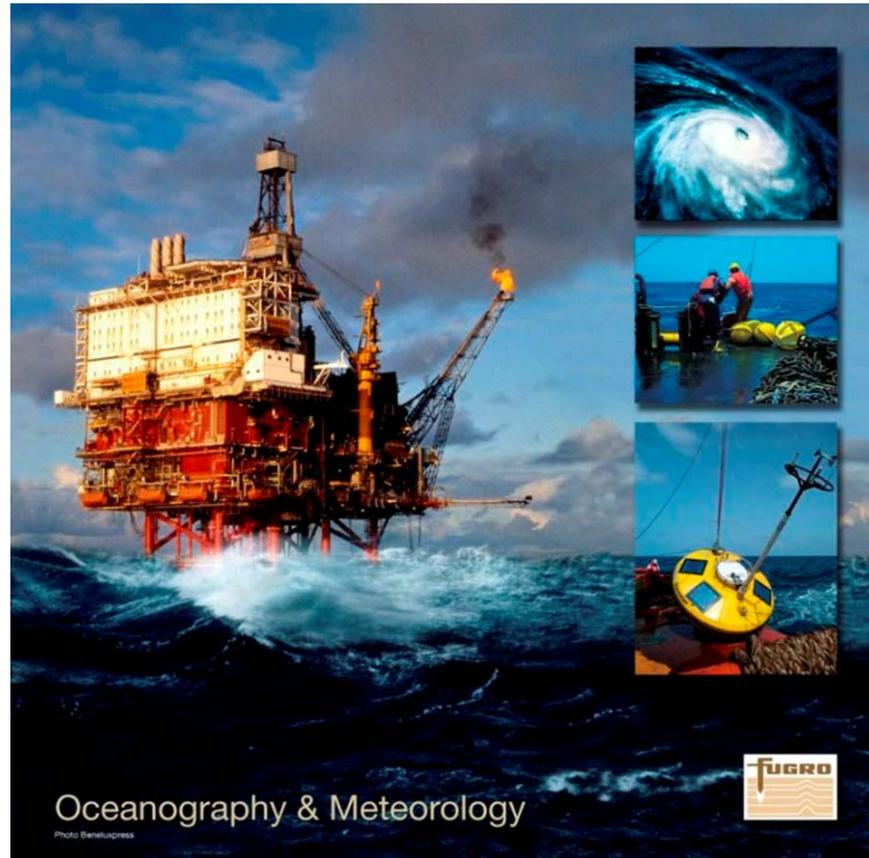


Topics of Local Interest

National
Ocean
Enterprise

Marine
Renewable
Energy

Coastal
Inundation

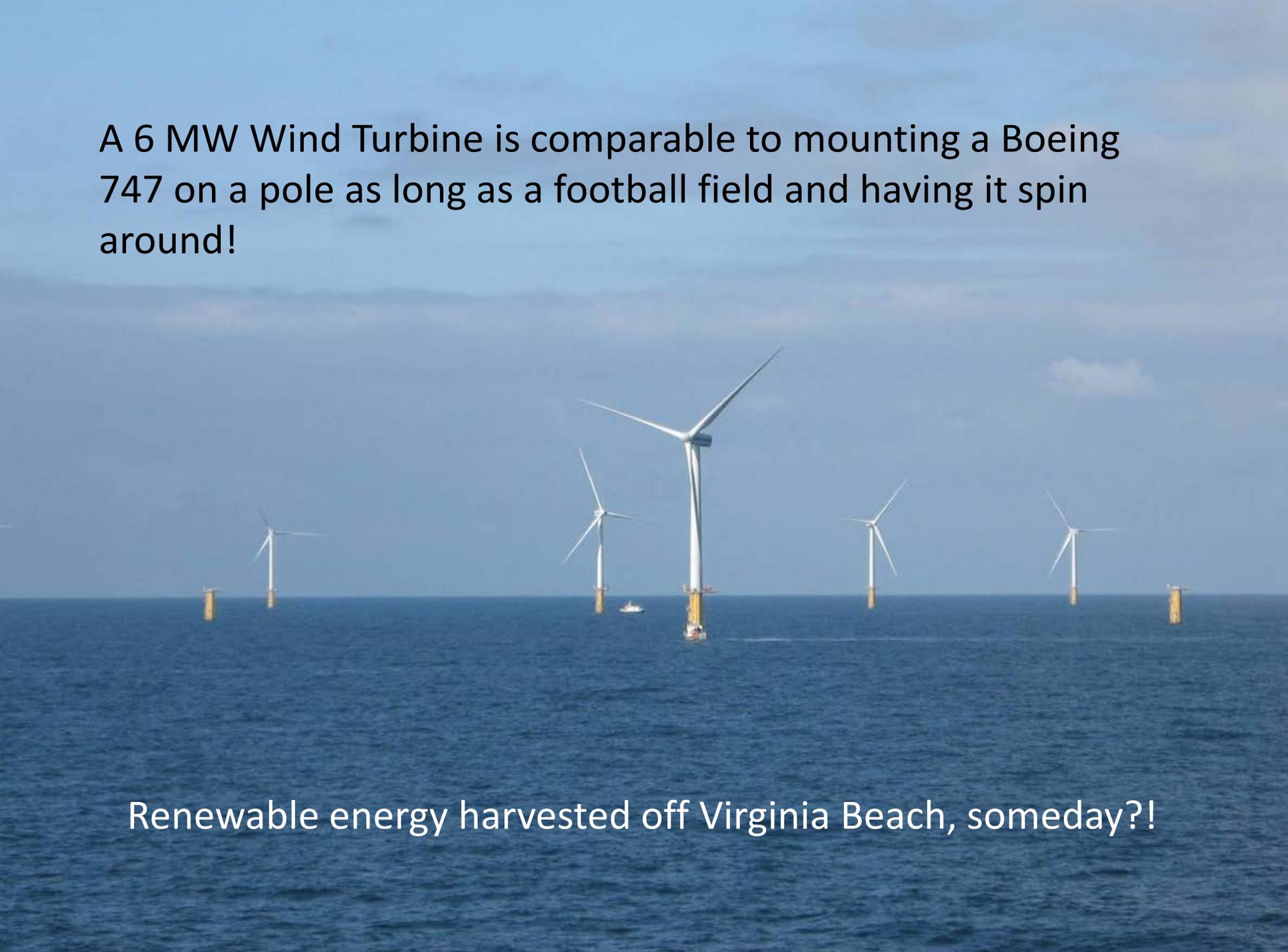


Integrated
Ocean
Observing

Marine
Spatial
Planning

Marine
Vehicle
Autonomy

A 6 MW Wind Turbine is comparable to mounting a Boeing 747 on a pole as long as a football field and having it spin around!



Renewable energy harvested off Virginia Beach, someday?!

Flood Inundation Special Session



Showcase Norfolk's pro-active approach for addressing Flood Inundation.

Define and target most vulnerable areas

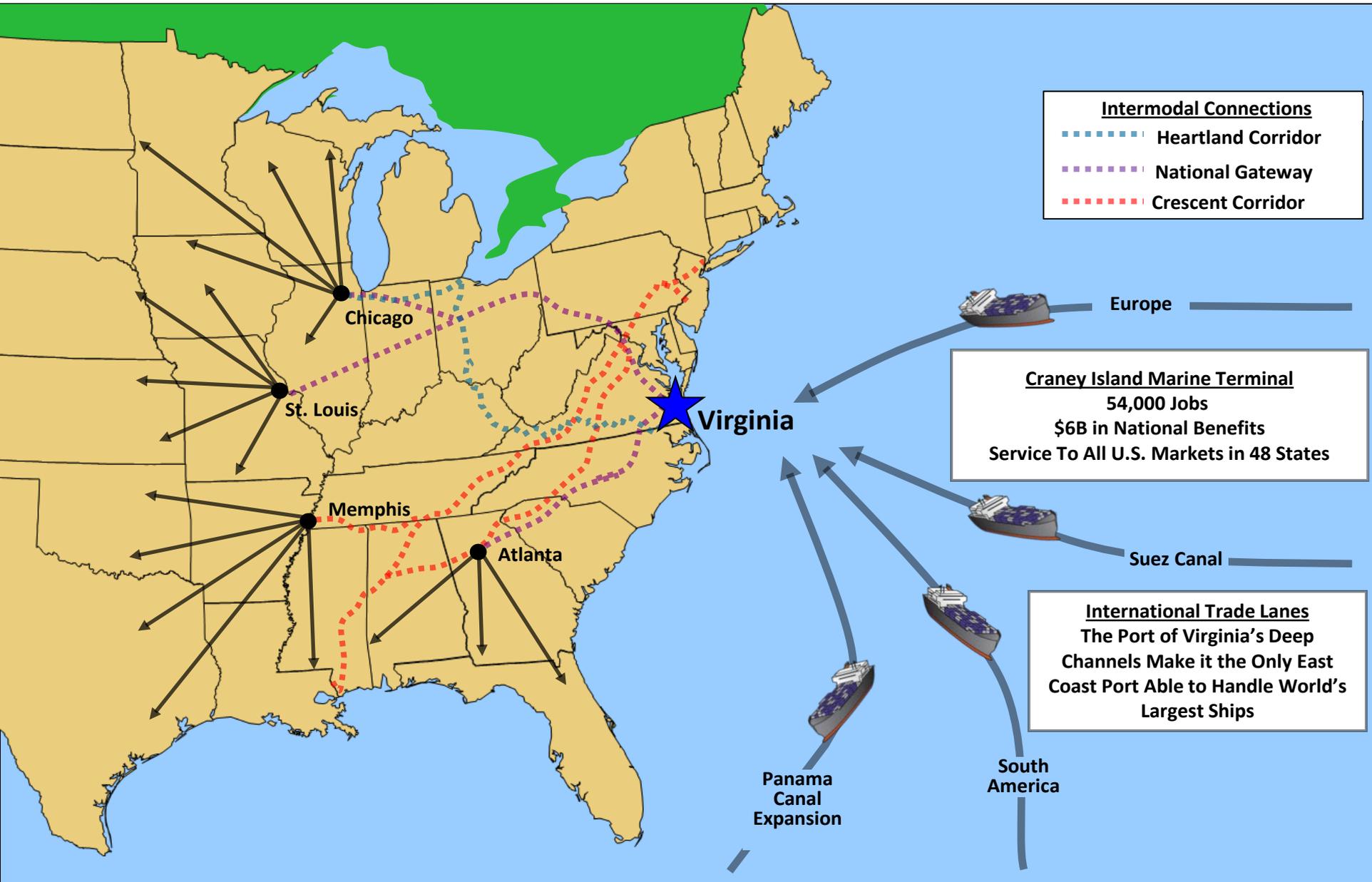
Prioritize actions

Develop Master Plan

Advocate long-term, integrated regional actions

To NOT be prepared, is to surrender!

The Port of Virginia





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Join us - October 14-19
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