Bureau of Ocean Energy Management Overview of Development Process in Context

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Overview

- Re-cap of stages of development
- Areas in context of known fishing activity
- Technologies/infrastructure under consideration
- Overview of draft BMPs



Stages of Development

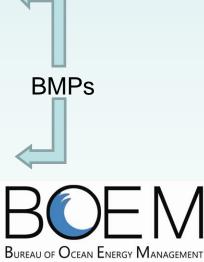
Identifying Wind Energy Areas

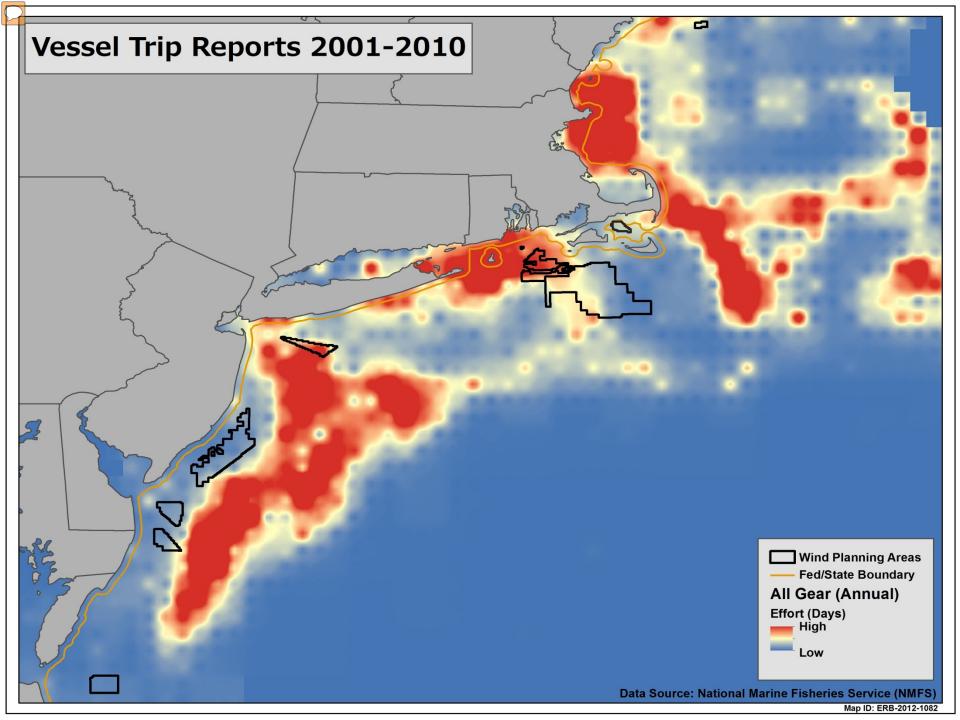
Task Force Consultation \rightarrow Public Notice & Comment

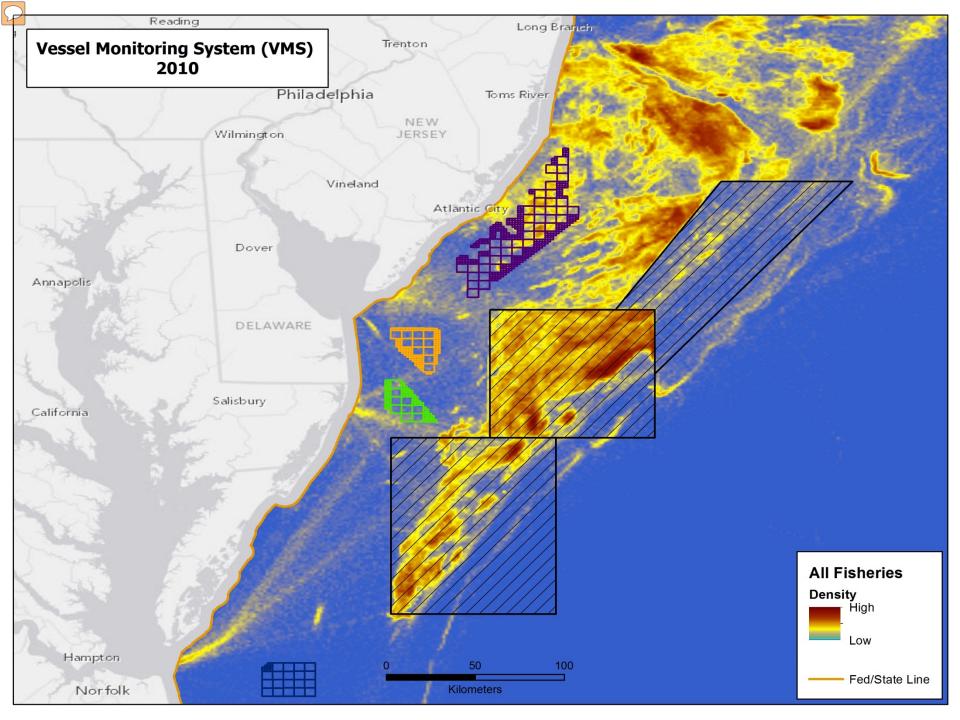
Leasing: Notice \rightarrow Environmental Assessment \rightarrow Issuance

> Site Assessment Plan (Surveys)

> > Construction & Operations Plan EIS

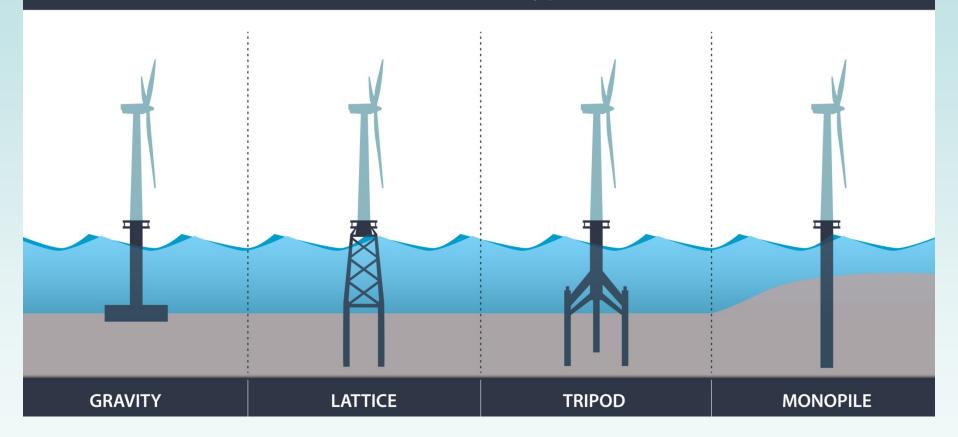






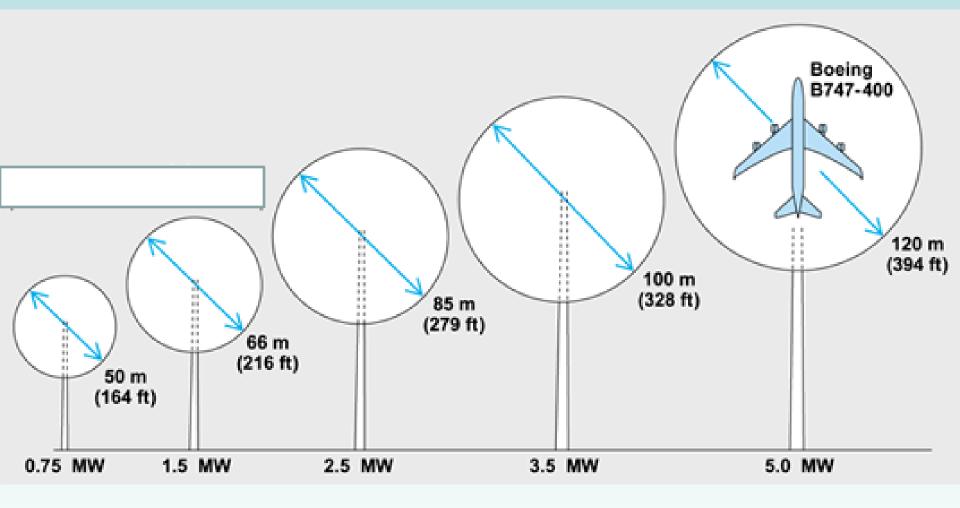
Foundation Types

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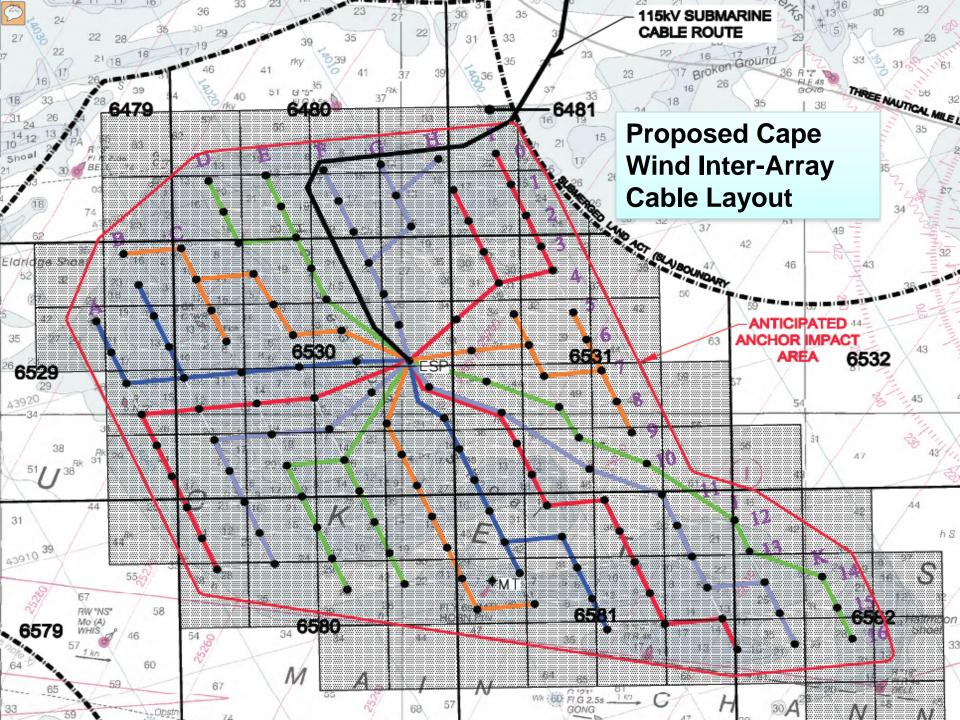


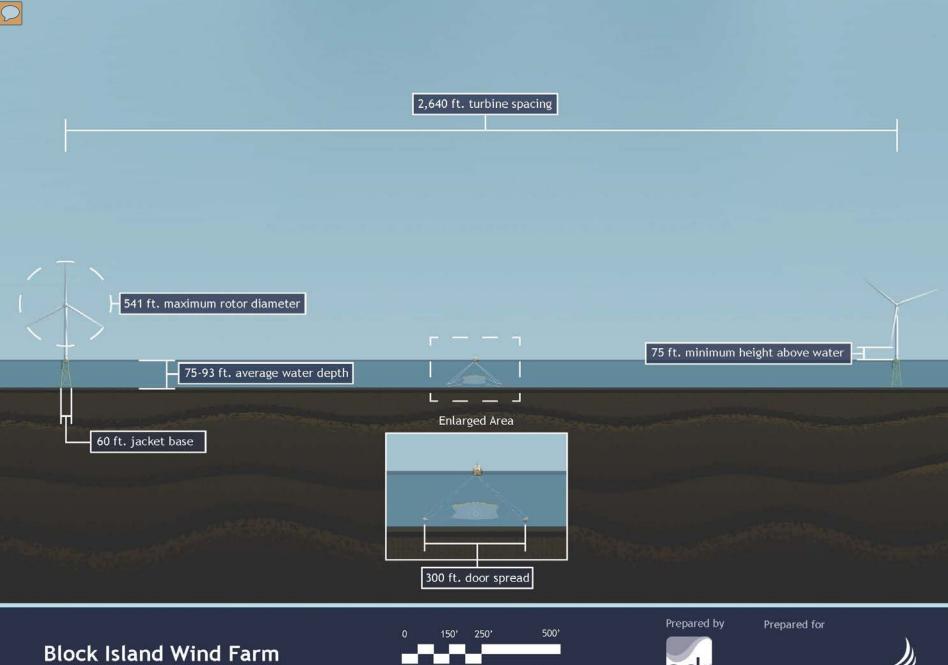












October 9, 2012

SCALE







Block Island Wind Farm October 9, 2012

Prepared by





BMP Workshops

- Eight workshops were held between Oct. 2012 and Feb. 2013.
- Opportunity to provide comments on the construction and operational phases.
- Near term product- updated list of fishing-related best management practices (BMPs).
- Long term product application of new fishingrelated BMPs to the review of site assessment plans (SAPs), construction and operation plans (COPs), and general activity plans (GAPs).



Draft Fishing BMPs

- Fisheries Community Outreach and Communication Program
- Project, Siting, Design, Navigation, and Access
- Alternating/Rotating Construction
 Schedule
- Safety



Draft Fishing BMPs continued

- Wind Facility Fishing Access
- Environmental Monitoring Plan
- Financial Support for Gear Modification
- Port or Shore-side Improvements
- Measures to Offset Adverse Impacts



Questions? Comments?



Studies: Biological

- EMF impact studies are continuing:
 - EMF model-based assessment and literature review is completed.
 - EMF in situ study ongoing in the Pacific.
 - Dept. of Energy funded EMF laboratory-based study is continuing.
- Fish acoustic impacts:
 - Workshop held in March 2012.
 - Effects of Pile Driving Sounds on Auditory and Non-Auditory Tissues of Fish has now been posted.



Studies: Socioeconomic

- "Development of Mitigation Measures to Address Potential Use Conflicts Between the Wind and Commercial Fishing Industries."
- Inter-Agency Agreement with NMFS to evaluate the socio-economic impact to fishing from offshore wind energy development was signed in September.
- Identification of Outer Continental Shelf Renewable Energy Space-Use Conflicts and Analysis of Potential Mitigation Measures.

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 Present and historical fishing usage data continuing to be processed.