

Comprehensive Seafloor Substrate Mapping & Model Validation in the Atlantic

Post Award Meeting

Presentation to BOEM

August 17th, 2016

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NOAA's Ocean Service

National Centers for Coastal Ocean Science

Silver Spring, MD



IA Overall Objectives

- Help fulfill the BOEM mission to ascertain the environmental impacts on the marine and coastal environments of the OCS and the coastal areas which may be affected by energy development;
- Provide information to be used in environmental impact statements and environmental assessments under the NEPA.
- Provide information to manage the development of renewable energy in the Atlantic Outer Continental Shelf.
- Provide NOAA the opportunity to obtain baseline seafloor data and ground-truth the predictive seafloor substrate and sediment models developed by NOAA for the Mid-Atlantic Region.



Specific Project Objectives

- Collect data of the seafloor by the use of acoustic sonar survey to characterize the substrate composition of the seafloor in the NY Call Area and vicinity.
- Incorporate results of the seafloor data collection into predictive models characterizing the composition of the seafloor.
- Describe the seafloor habitat and other important biological and geological observations.
- Geographic focus on New York Call Area or other areas identified or likely to be identified as renewable energy planning sites.

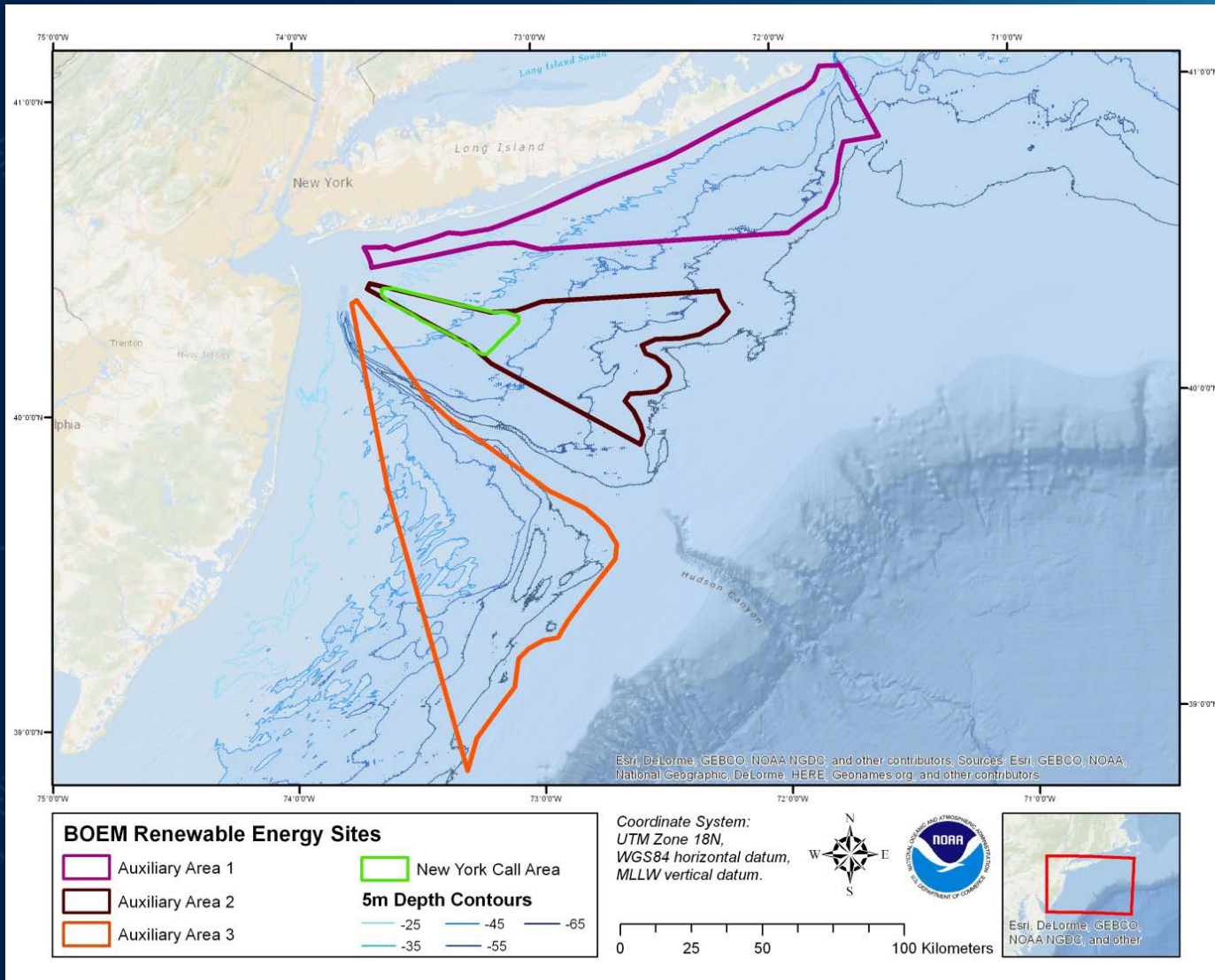


Project Schedule

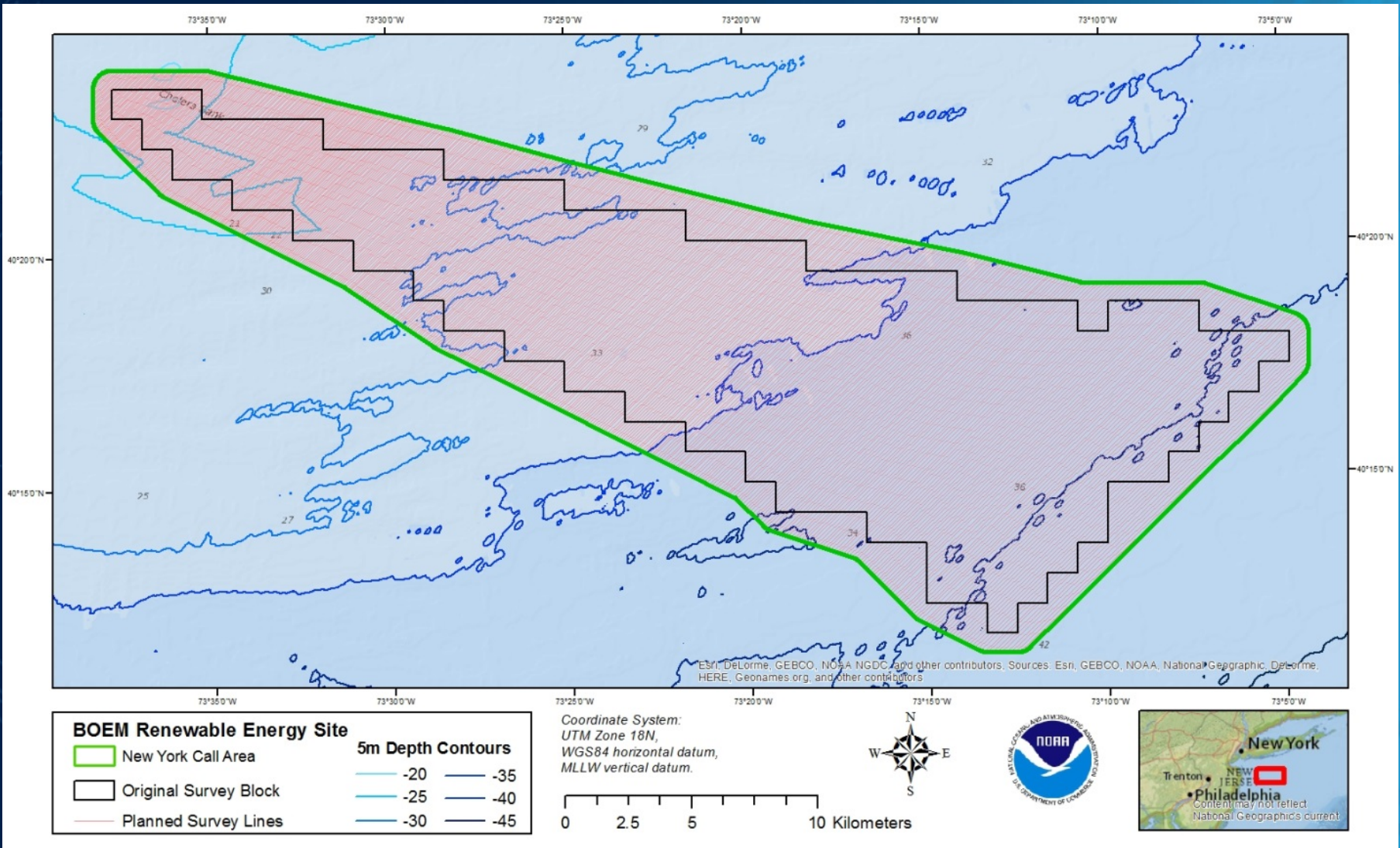
- IA Awarded 6/21/16; 38 month Period of Performance
- Post Award Meeting – within two months of Project Award Meeting
- Post Award Meeting Summary – within two weeks of Post Award Meeting (due by August 29, 2016)
- Monthly Status Reports – due at end of calendar month
- Interim Report – within 18 months of project award (December 21, 2017)
- Draft Digital Data – within 32 months of project award (February 21, 2019)
- Draft Final Report – within 32 months of project award (February 21, 2019)
- Final Digital Data – within 35 months of project award (May 21, 2019)
- Final Report – within 35 months of project award (May 21, 2019)
- Technical Findings Presentation – within 38 months of project award (August 21, 2019), if requested.



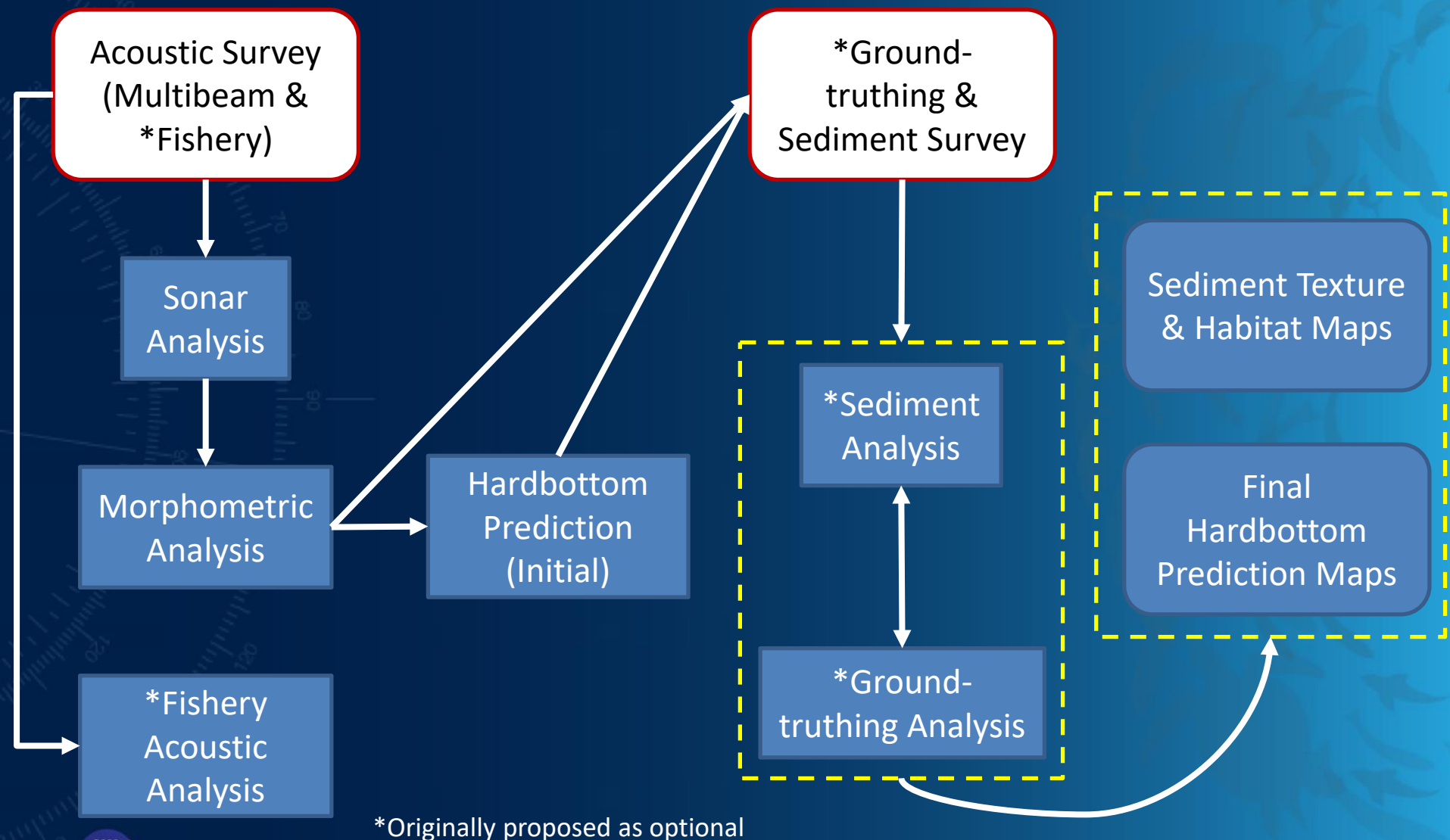
Auxiliary Area(s)



NY Call Area (467 km²)



Project Design



*Originally proposed as optional

