



Central Atlantic Renewable Energy Planning Area Development

Presentation for Fishery Industry Representatives

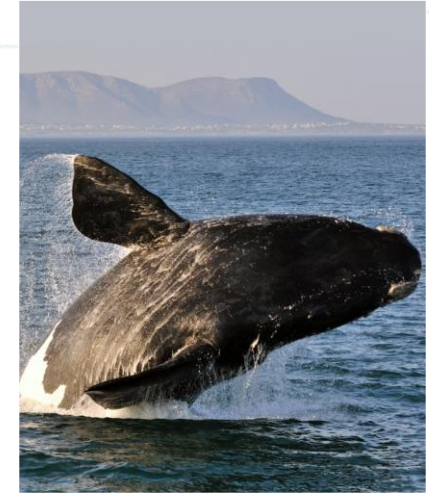
Bridgette Duplantis, Project Coordinator

January 5-6, 2022



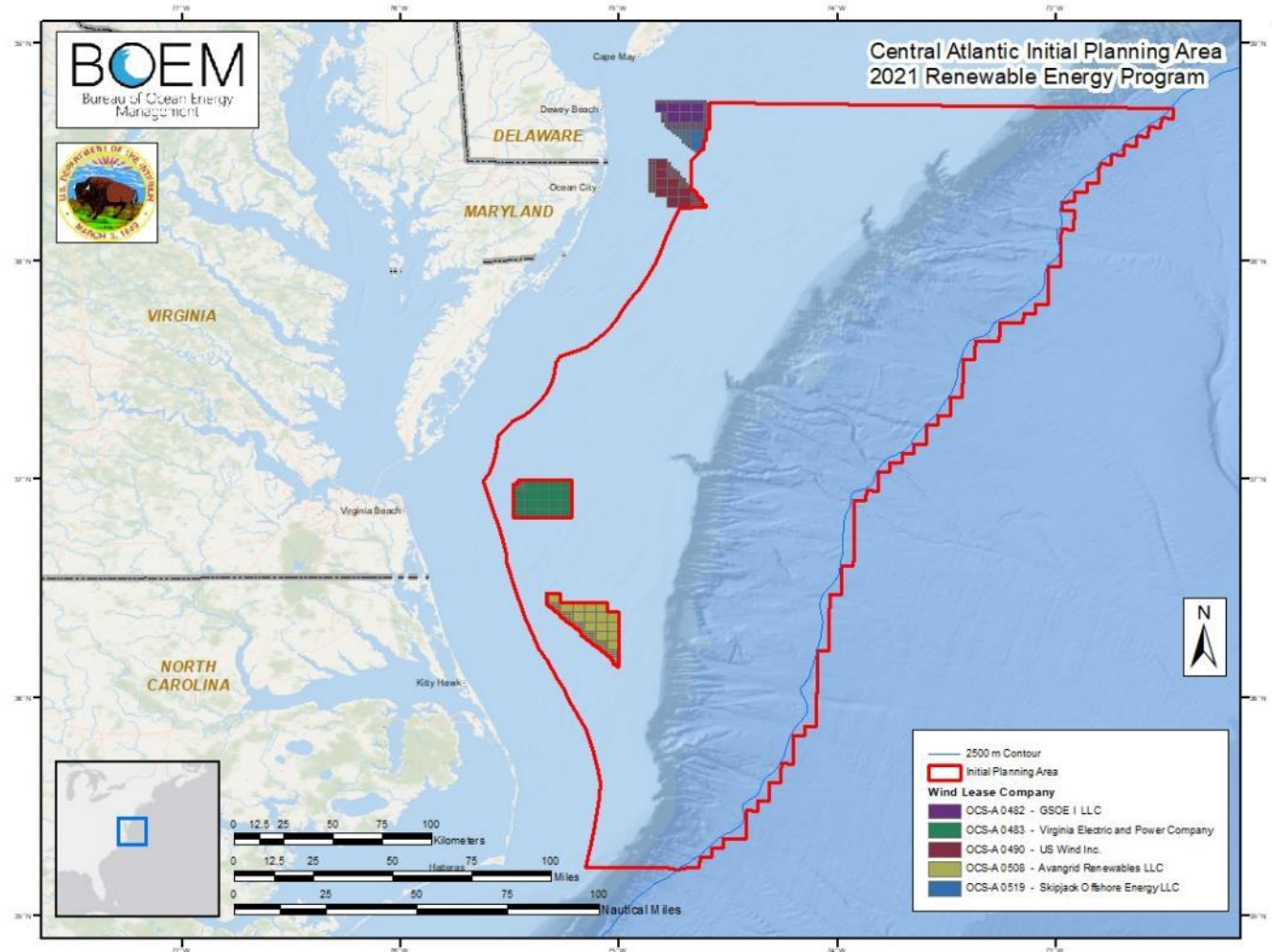
Objectives

- **Review of BOEM leasing process**
- **Recent engagement activities in the Central Atlantic**
- **Planning Area Development**
- **Next Steps**

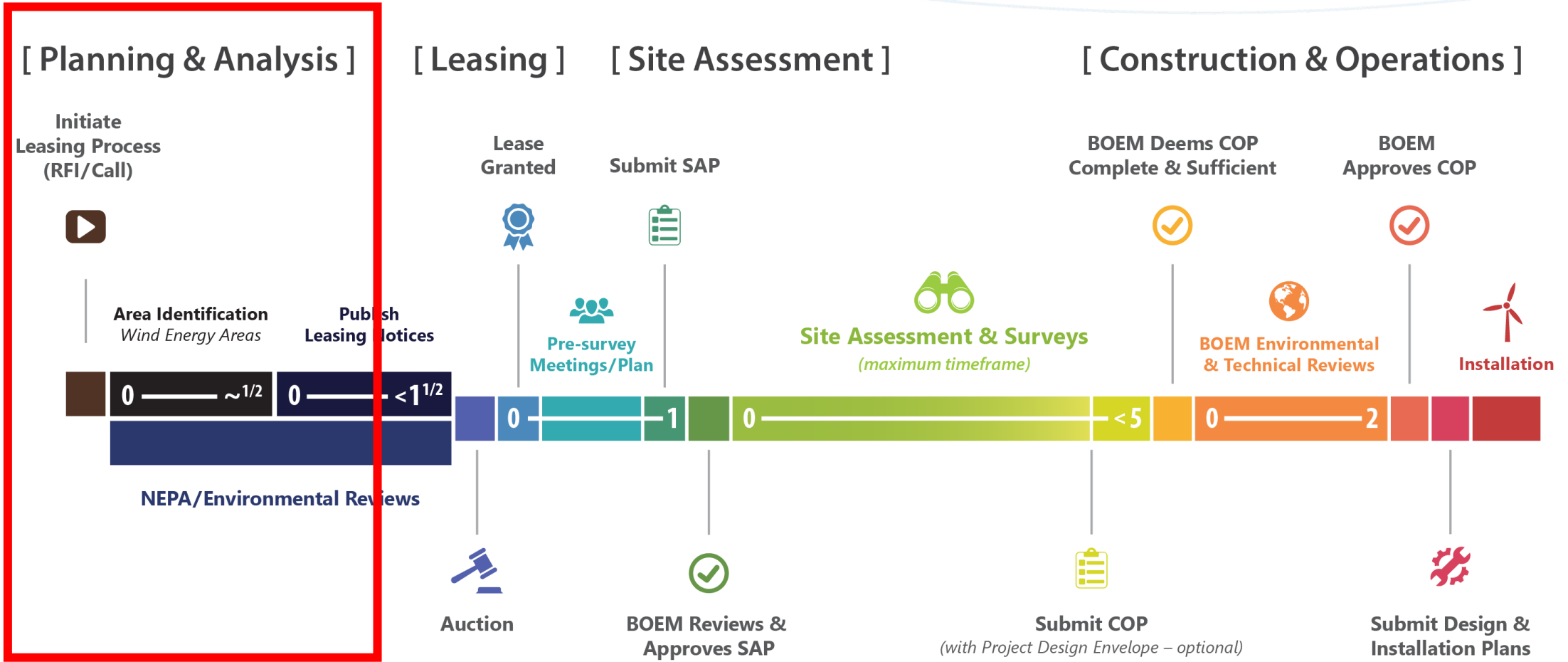


Central Atlantic

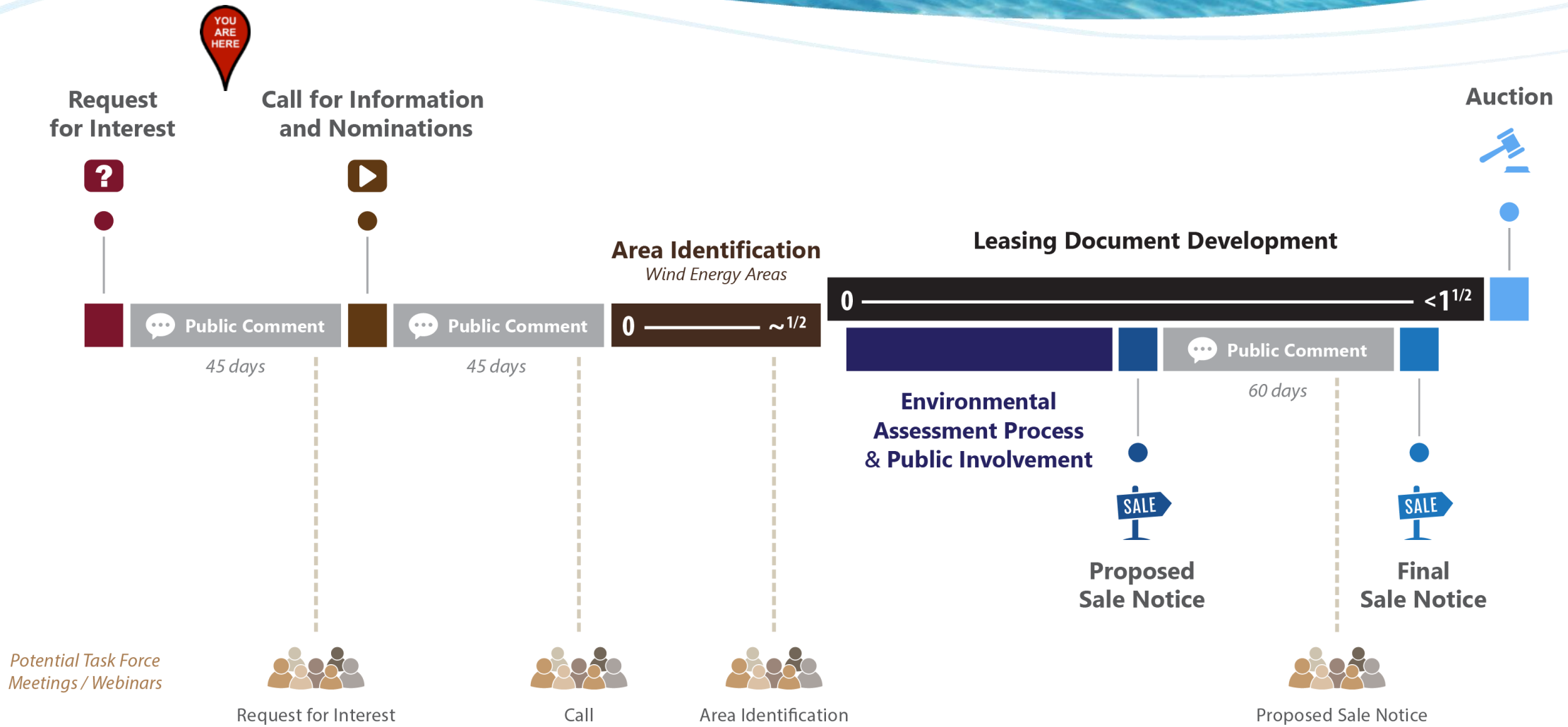
- Central Atlantic
 - Encompasses area offshore Delaware south to Cape Hatteras, North Carolina



Renewable Energy Leasing Process: From RFI/Call to Operation

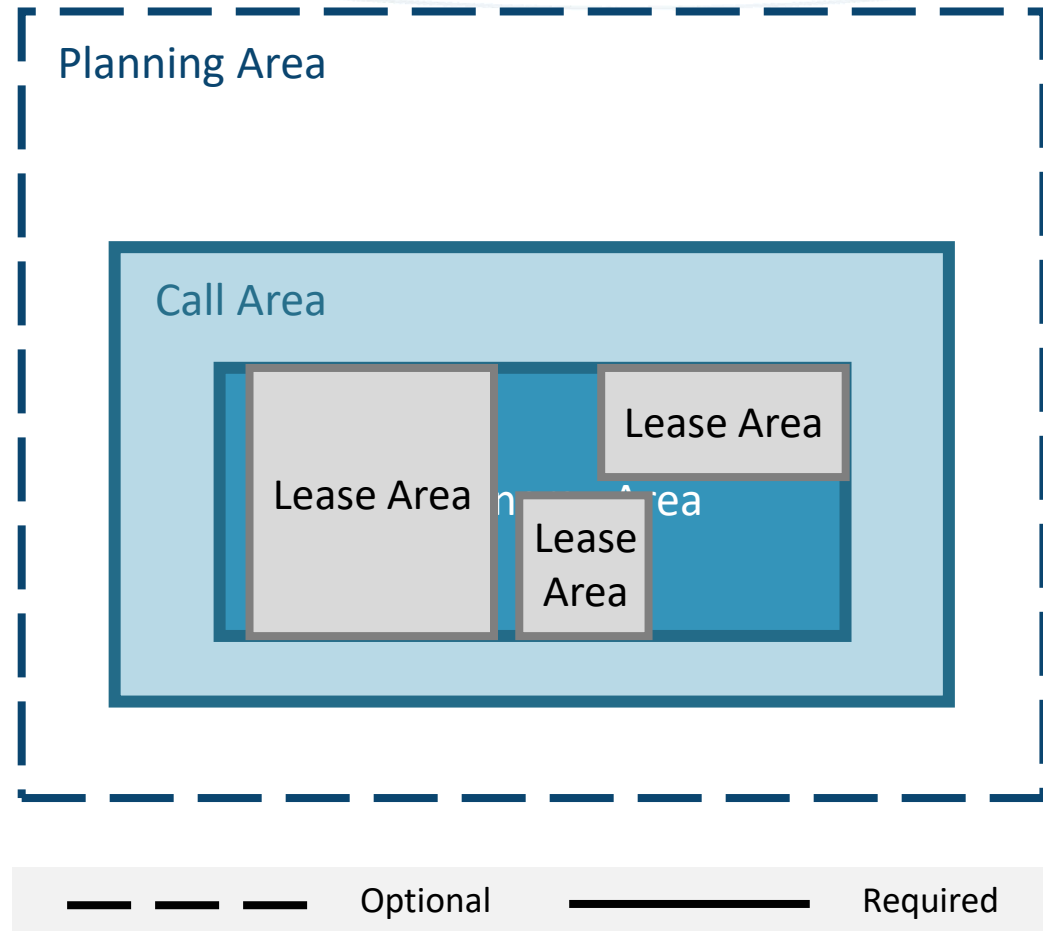


Renewable Energy Leasing Process: From RFI/Call to Lease Sale



Area Identification Process: WInnowing

- Currently developing the Planning Area
- Wind Energy Areas (WEAs) have the potential for further division into Lease Areas
- Multiple sales can come from Wind Energy Areas



Recent Planning Activities

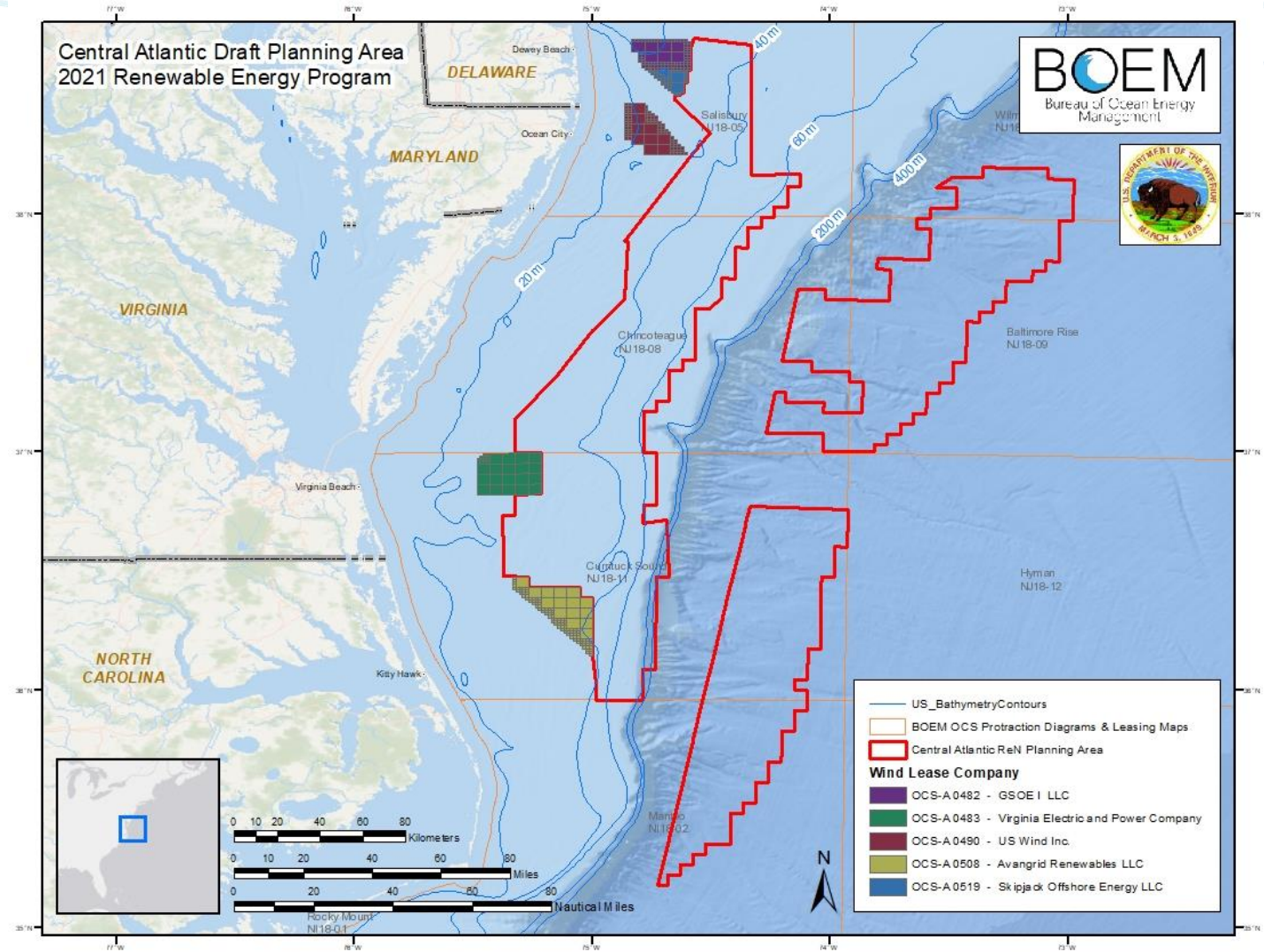
- **Held virtual meetings with each affected State (VA, MD, NC and DE)**
 - Discussed state wind energy goals, progress, concerns and data availability
- **Collected data from States, MARCO, Marine Cadastre, MMIS**
- **Created an AGOL interactive map to examine space-use conflicts**
- **Coordinating with Federal Partners (USCG, NOAA, NASA, USFWS and DoD)**
- **Soliciting feedback at informational meetings**
 - Maritime Industry (December 8, 2021)
 - Tribal Governments (December 9, 2021)
 - Environmental Non-Governmental Organizations (December 15, 2021)
 - Fishery Management Councils and Organizations/Recreational Fishing (January 5-6, 2022)

Future Planning Activities

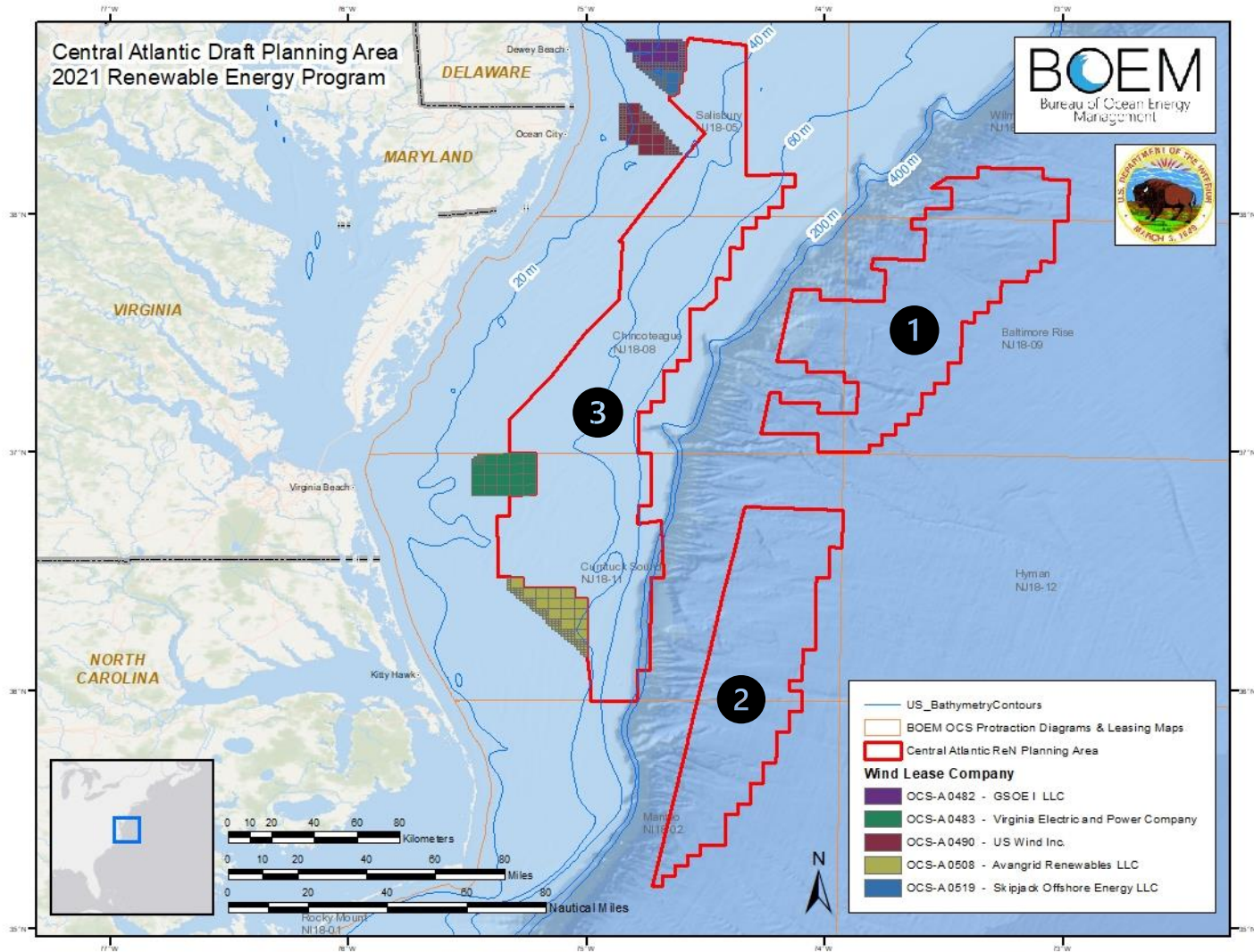
- **Central Atlantic Intergovernmental Renewable Energy Task Force Meeting**
 - Compiling feedback from Federal partners, States, Tribal governments and informational meetings to create a draft Call for Information and Nominations
 - Opportunity to discuss draft Call Area before publication
 - Meeting: **February 16, 2022**

Planning Area Development

- Active wind energy leases
- Bathymetry
 - 60 meters
 - 2500 meters

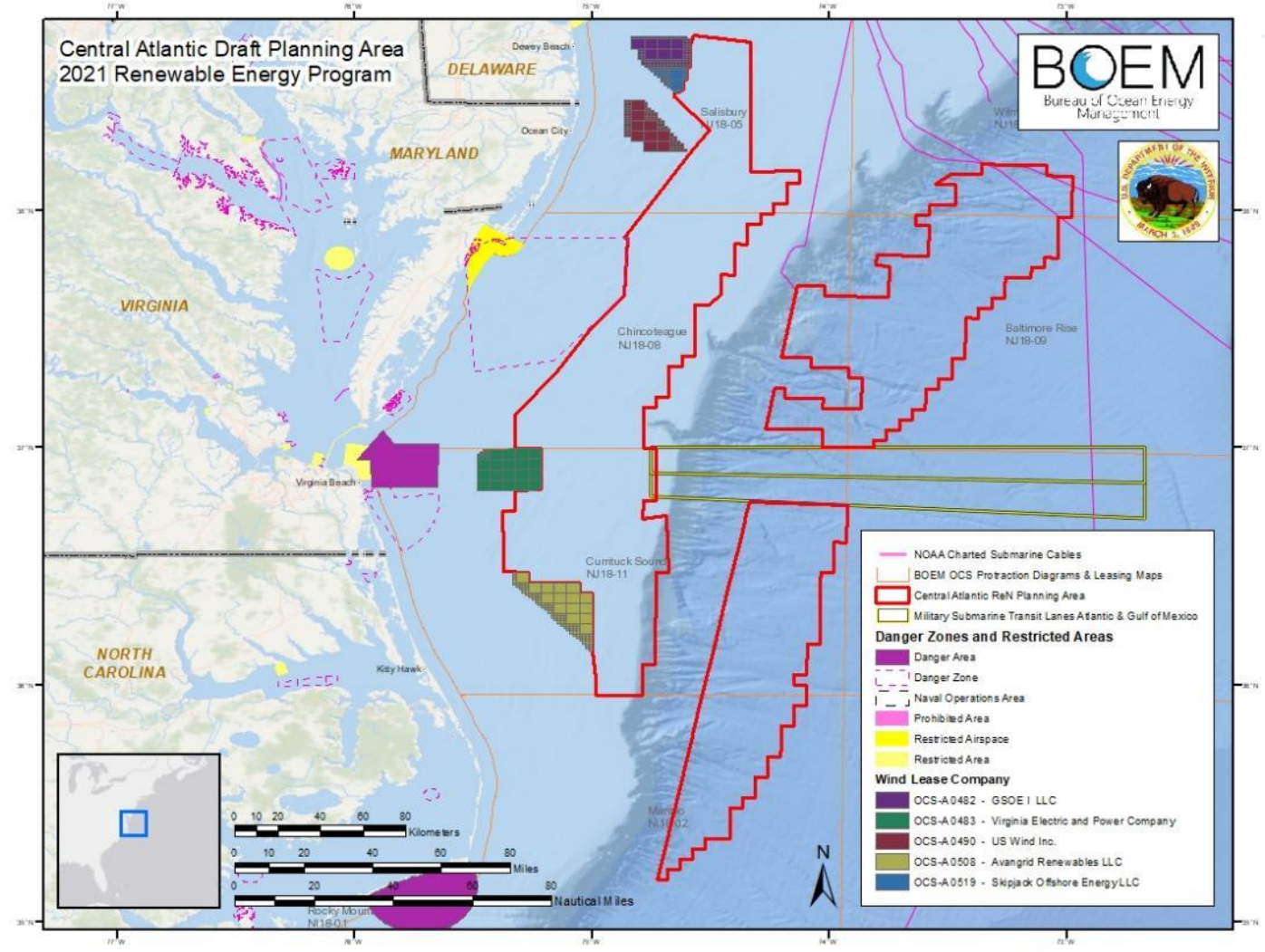


Naming



Planning Area Development

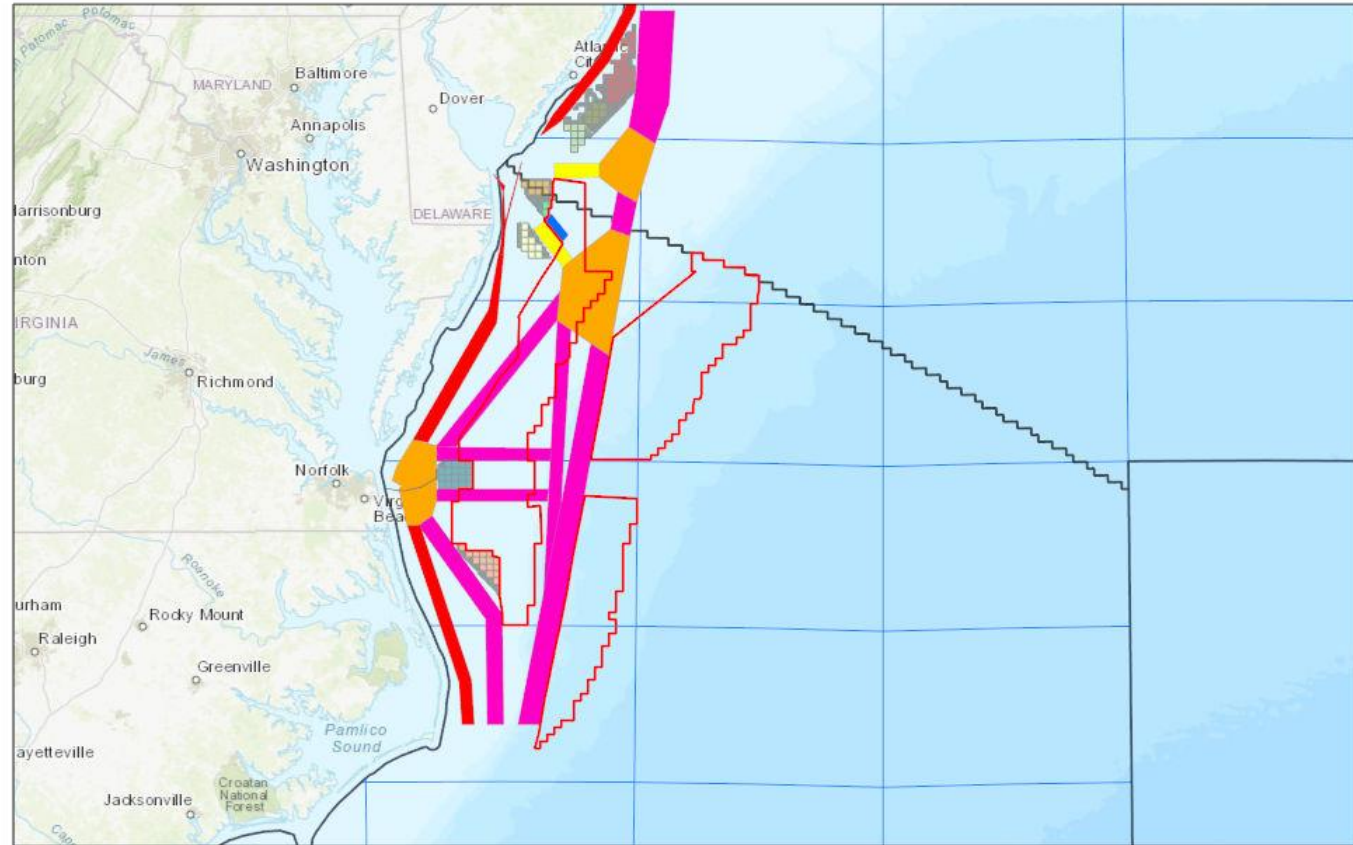
- NASA Danger Zone
- Military Submarine Transit Lanes



Planning Area Development

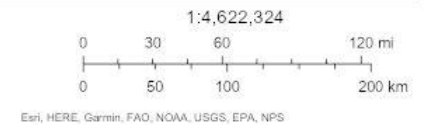
- USCG Proposed Shipping Safety Fairways

Central Atlantic Draft Planning Areas



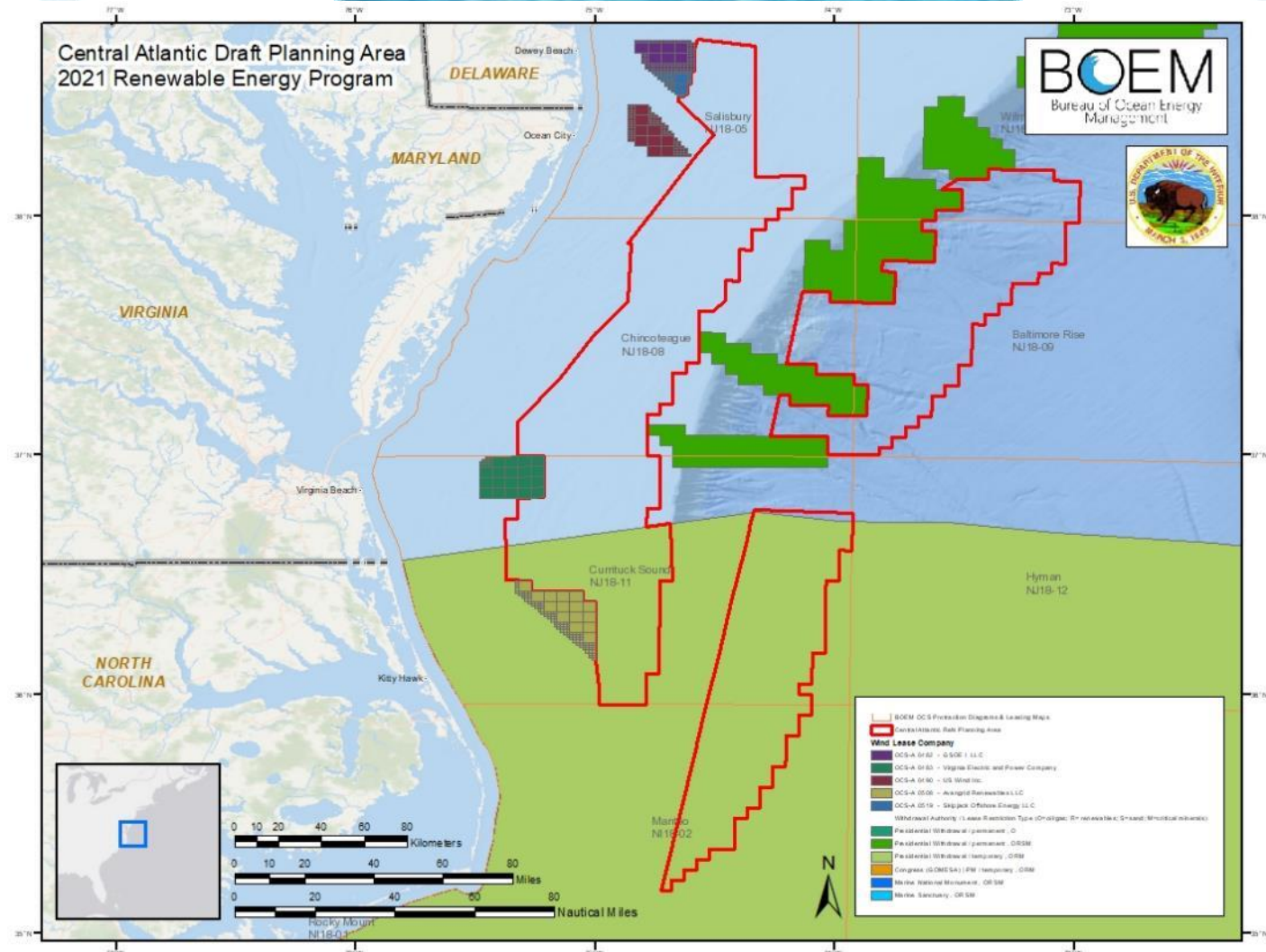
9/27/2021

- Call Area Option 2 BOEM Wind Leases
- Call Area Option 3
- OCS-A 0482 - GSOE | LLC
- OCS-A 0483 - Virginia Electric and Power Company
- OCS-A 0490 - US Wind Inc.



Planning Area Development

- Areas withdrawn from leasing
 - North Carolina
 - Atlantic Canyons



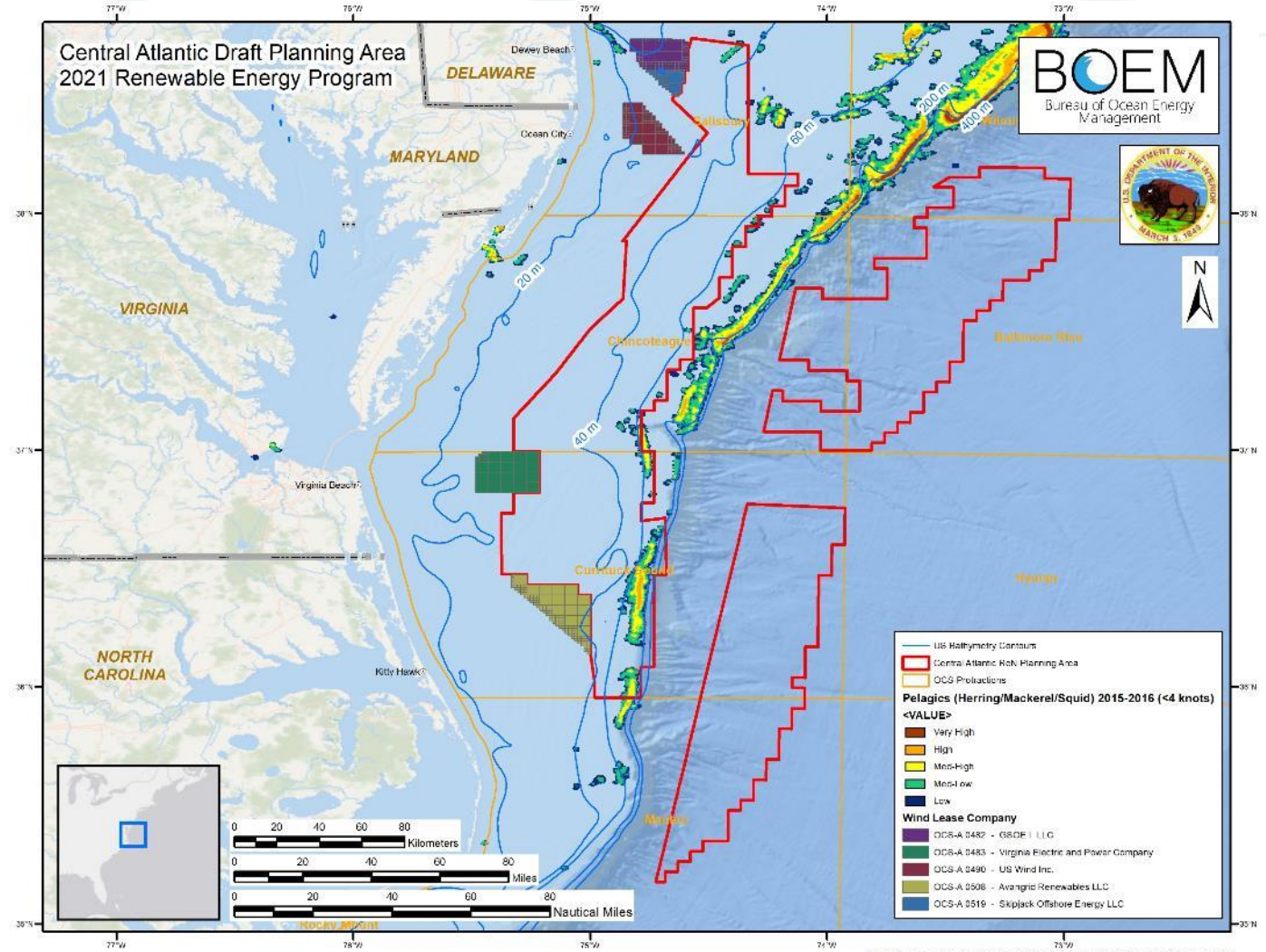
Trawl, Mixed Trawl and Pelagic Longlines



Planning Area Development

■ Pelagics

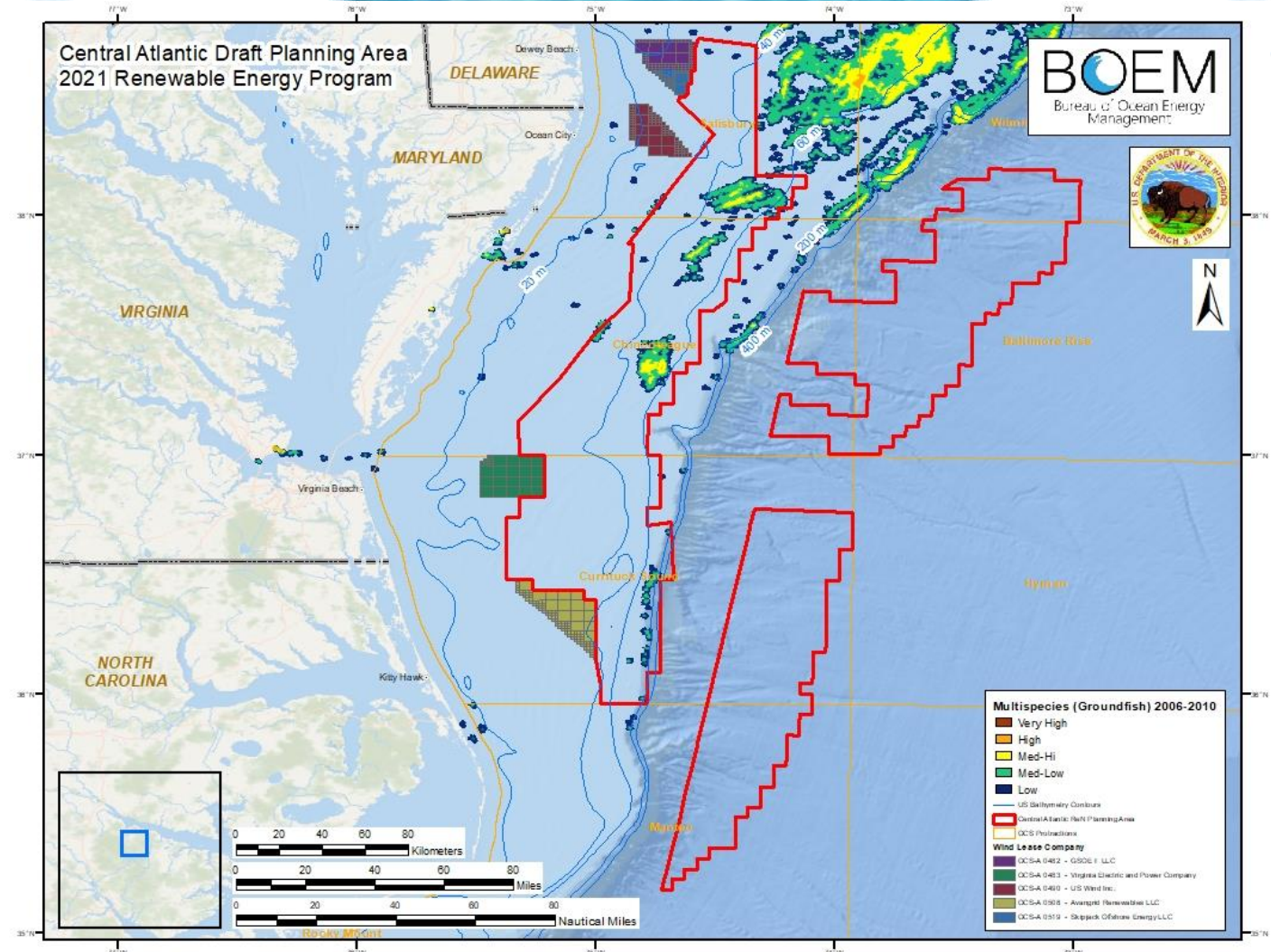
- Herring/Mackerel/Squid
- 2015-2016
- <4 knots
- VMS



Planning Area Development

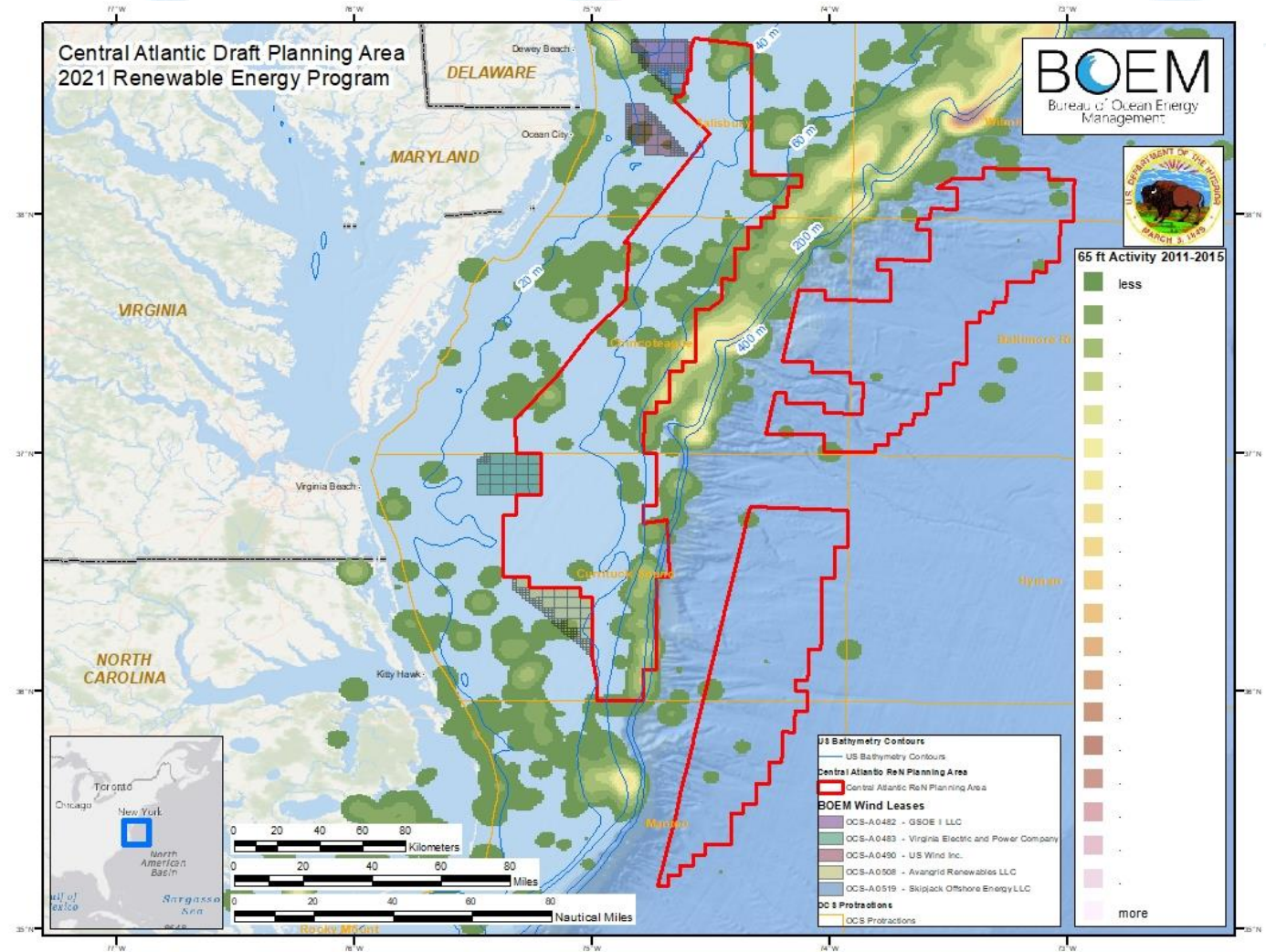
○ Multispecies (Groundfish)

- 2006-2010
- VMS



Planning Area Development

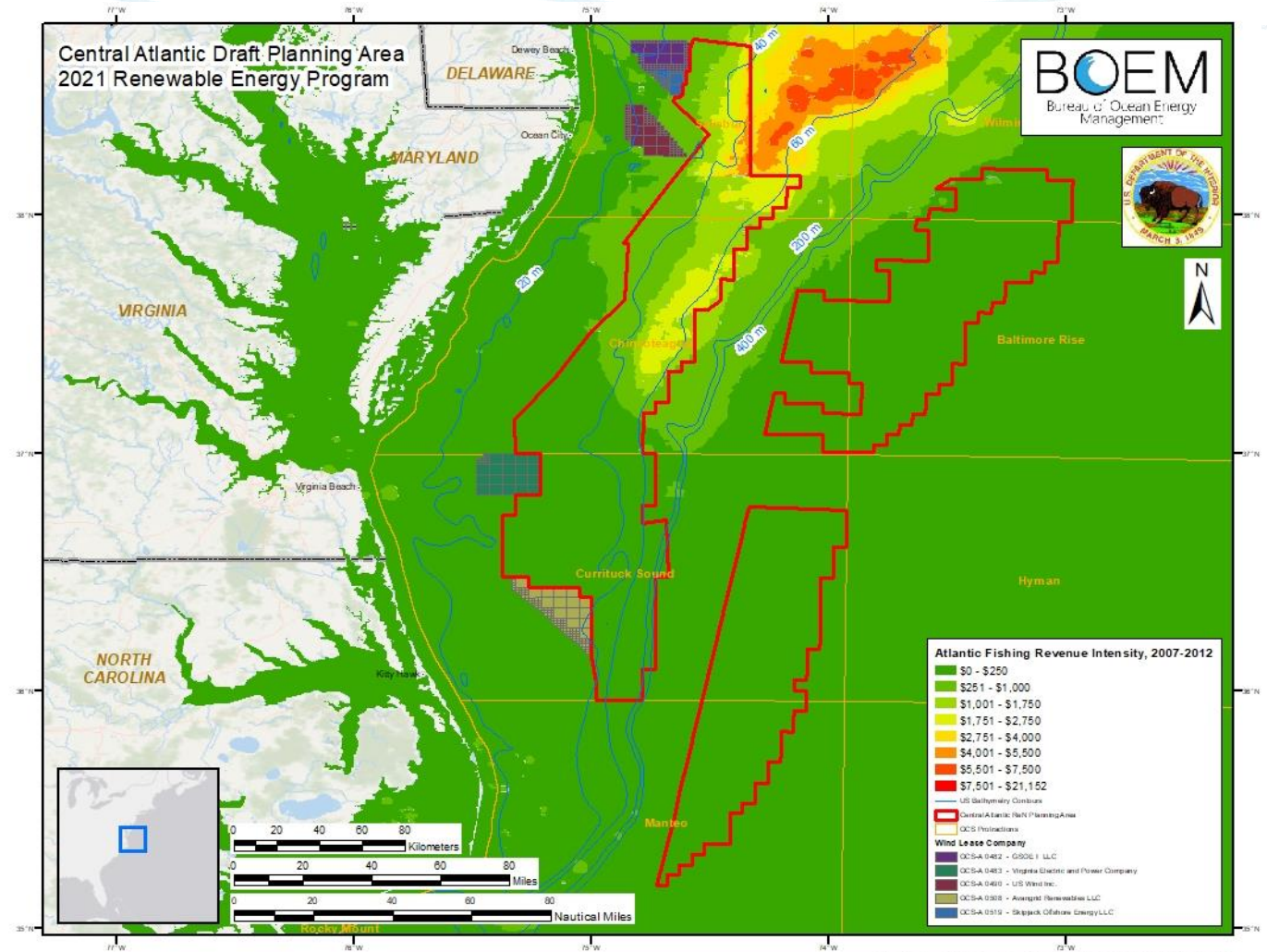
- Bottom trawl
 - 65+ ft
 - 2011-2015
 - VTR



Office of Leasing and Plans - Mapping and Automation Section | MAS-2022-01096 | 14 December 2021

Planning Area Development

- Atlantic Fishing Revenue Intensity, 2007-2012



Planning Area Development: NOAA Comments on Central Atlantic Planning Area

Commercial Fishing: Area 1

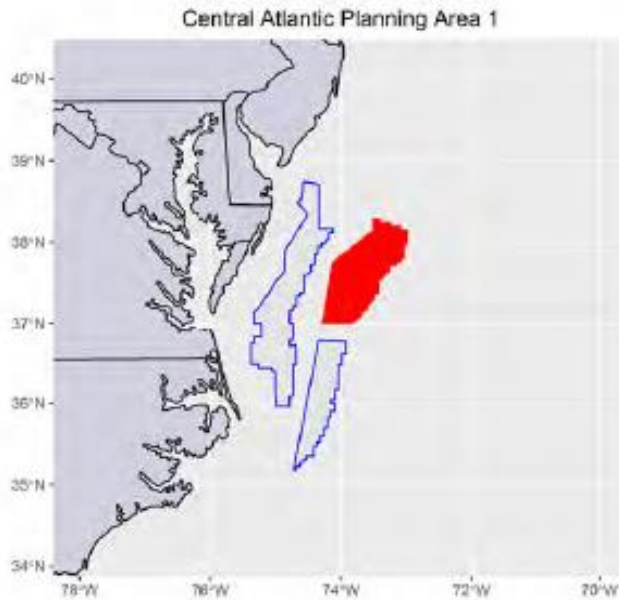


Figure 1.2 Revenue from Most Impacted FMPs, Central Atlantic Planning Area 1

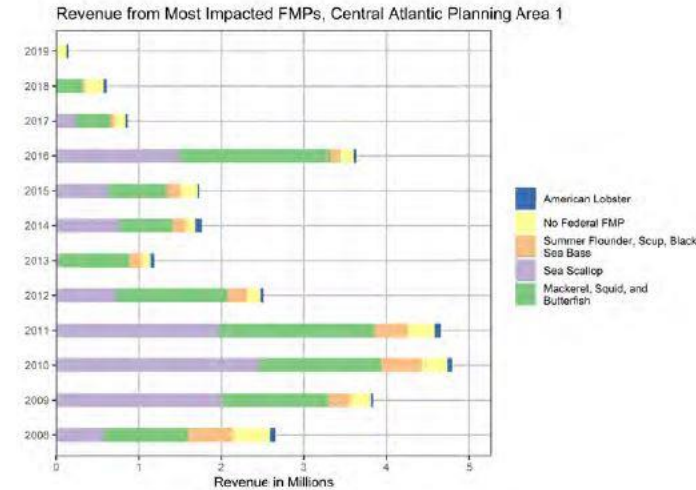


Table 1.2 Twelve Year Total Revenue for Most Impacted FMPs, Central Atlantic Planning Area 1

FMP	Twelve Year Revenue
Mackerel, Squid, and Butterfish	\$11,770,000
Sea Scallop	\$10,922,000
Summer Flounder, Scup, Black Sea Bass	\$2,660,000
No Federal FMP	\$2,546,000
American Lobster	\$512,000
Total	\$28,411,000

Revenue from Other Impacted FMPs, Central Atlantic Planning Area 1

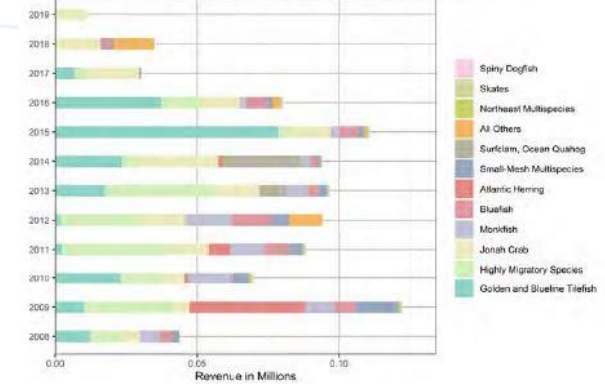


Table 2.2 Twelve Year Total Revenue for Other Impacted FMPs, Central Atlantic Planning Area 1

FMP	Twelve Year Revenue
Golden and Blueline Tilefish	\$213,000
Highly Migratory Species	\$191,000
Jonah Crab	\$167,000
Monkfish	\$78,000
Bluefish	\$60,000
Atlantic Herring	\$51,000
Small-Mesh Multispecies	\$42,000
Surfclam, Ocean Quahog	\$37,000
All Others	\$30,000
Northeast Multispecies	\$3,000
Skates	\$3,000
Spiny Dogfish	\$1,000
Total	\$877,000

Planning Area Development: NOAA Comments on Central Atlantic Planning Area

Commercial Fishing: Area 2



Figure 1.2 Revenue from Most Impacted FMPs, Central Atlantic Planning Area 2

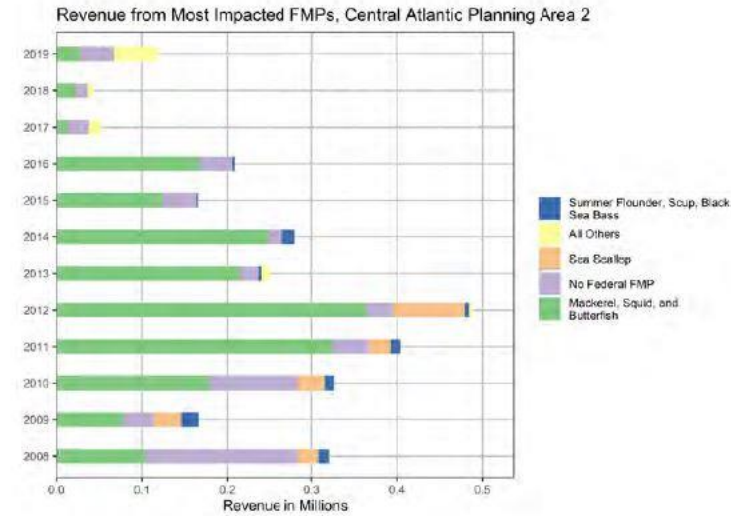


Table 1.2 Twelve Year Total Revenue for Most Impacted FMPs, Central Atlantic Planning Area 2

FMP	Twelve Year Revenue
Mackerel, Squid, and Butterfish	\$1,868,000
No Federal FMP	\$588,000
Sea Scallop	\$198,000
All Others	\$87,000
Summer Flounder, Scup, Black Sea Bass	\$83,000
Total	\$2,824,000

Revenue from Other Impacted FMPs, Central Atlantic Planning Area 2

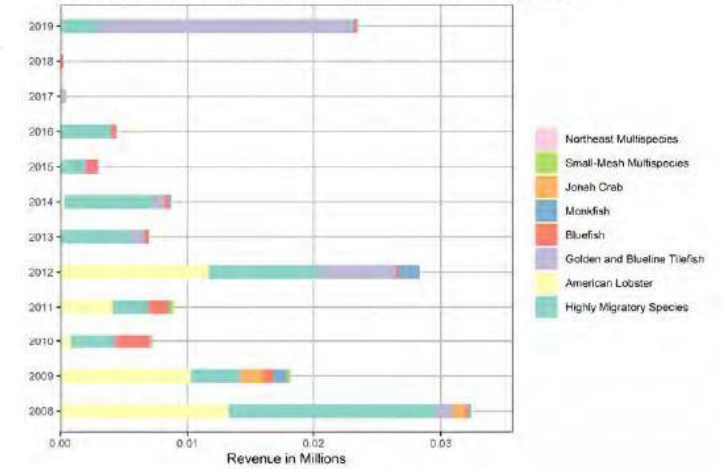


Table 2.2 Twelve Year Total Revenue for Other Impacted FMPs, Central Atlantic Planning Area 2

FMP	Twelve Year Revenue
Highly Migratory Species	\$56,000
American Lobster	\$40,000
Golden and Blueline Tilefish	\$31,000
Bluefish	\$8,000
Monkfish	\$3,000
Jonah Crab	\$3,000
Small-Mesh Multispecies	\$1,000
Northeast Multispecies	<\$500
Total	\$142,000

Planning Area Development: NOAA Comments on Central Atlantic Planning Area

Commercial Fishing: Area 3

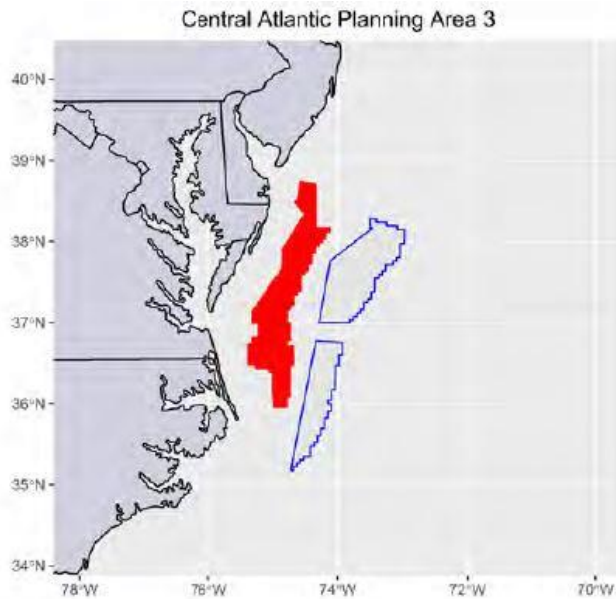


Figure 1.2 Revenue from Most Impacted FMPs, Central Atlantic Planning Area 3

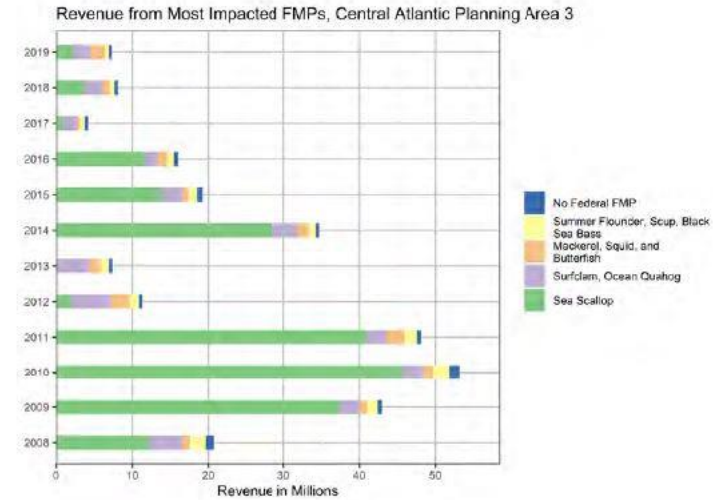


Table 1.2 Twelve Year Total Revenue for Most Impacted FMPs, Central Atlantic Planning Area 3

FMP	Twelve Year Revenue
Sea Scallop	\$198,281,000
Surfclam, Ocean Quahog	\$36,887,000
Mackerel, Squid, and Butterfish	\$16,467,000
Summer Flounder, Scup, Black Sea Bass	\$14,341,000
No Federal FMP	\$7,370,000
Total	\$273,346,000

Revenue from Other Impacted FMPs, Central Atlantic Planning Area 3

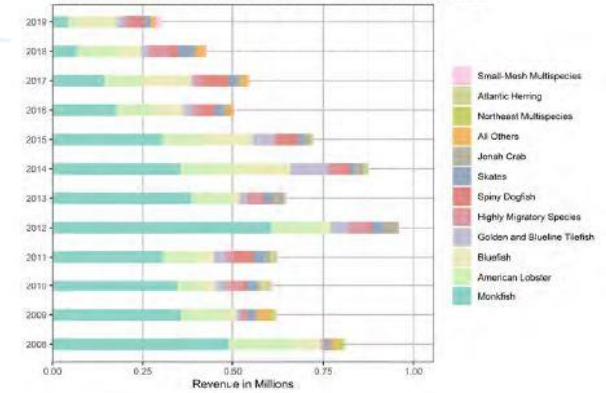


Table 2.2 Twelve Year Total Revenue for Other Impacted FMPs, Central Atlantic Planning Area 3

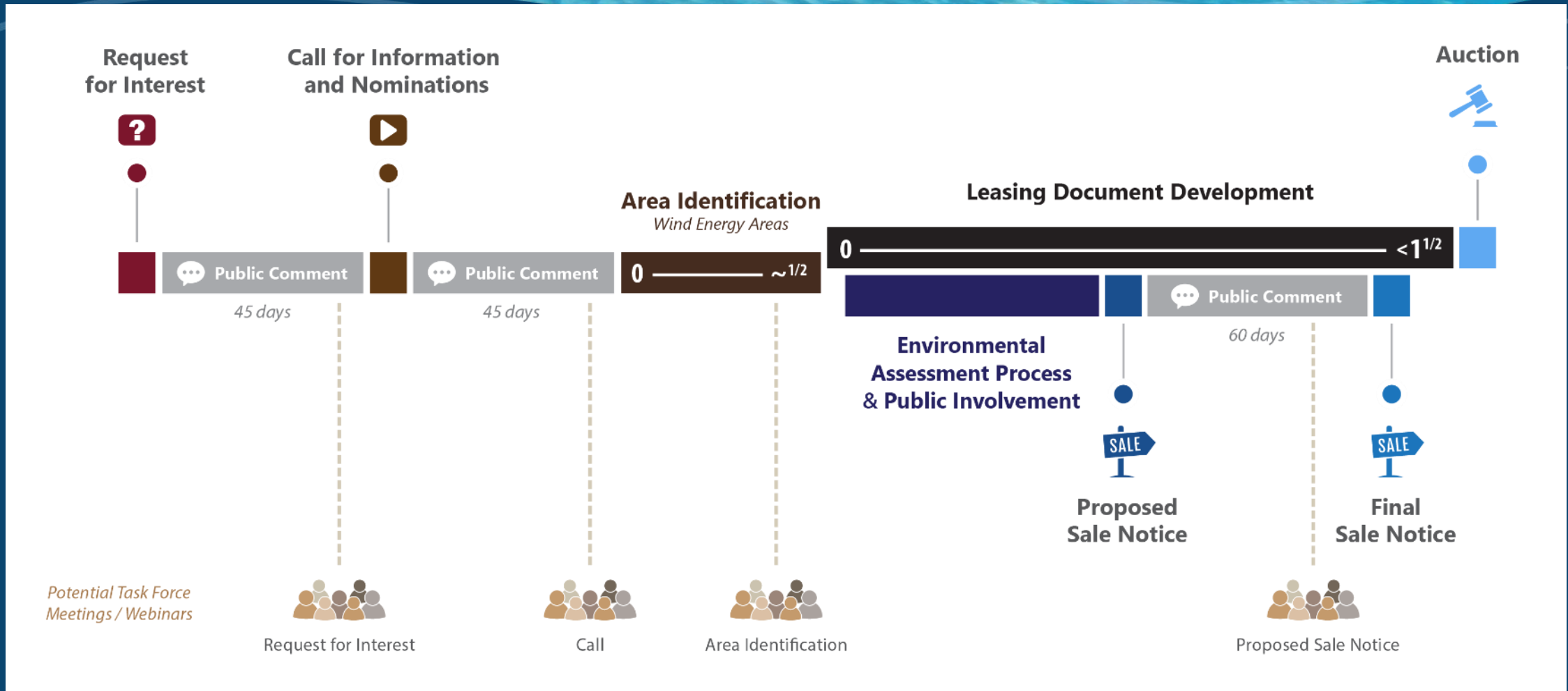
FMP	Twelve Year Revenue
Monkfish	\$3,569,000
American Lobster	\$1,353,000
Bluefish	\$904,000
Golden and Blueline Tilefish	\$385,000
Highly Migratory Species	\$353,000
Spiny Dogfish	\$338,000
Skates	\$269,000
Jonah Crab	\$203,000
All Others	\$125,000
Northeast Multispecies	\$51,000
Atlantic Herring	\$49,000
Small-Mesh Multispecies	\$41,000
Total	\$7,641,000

Central Atlantic Milestones

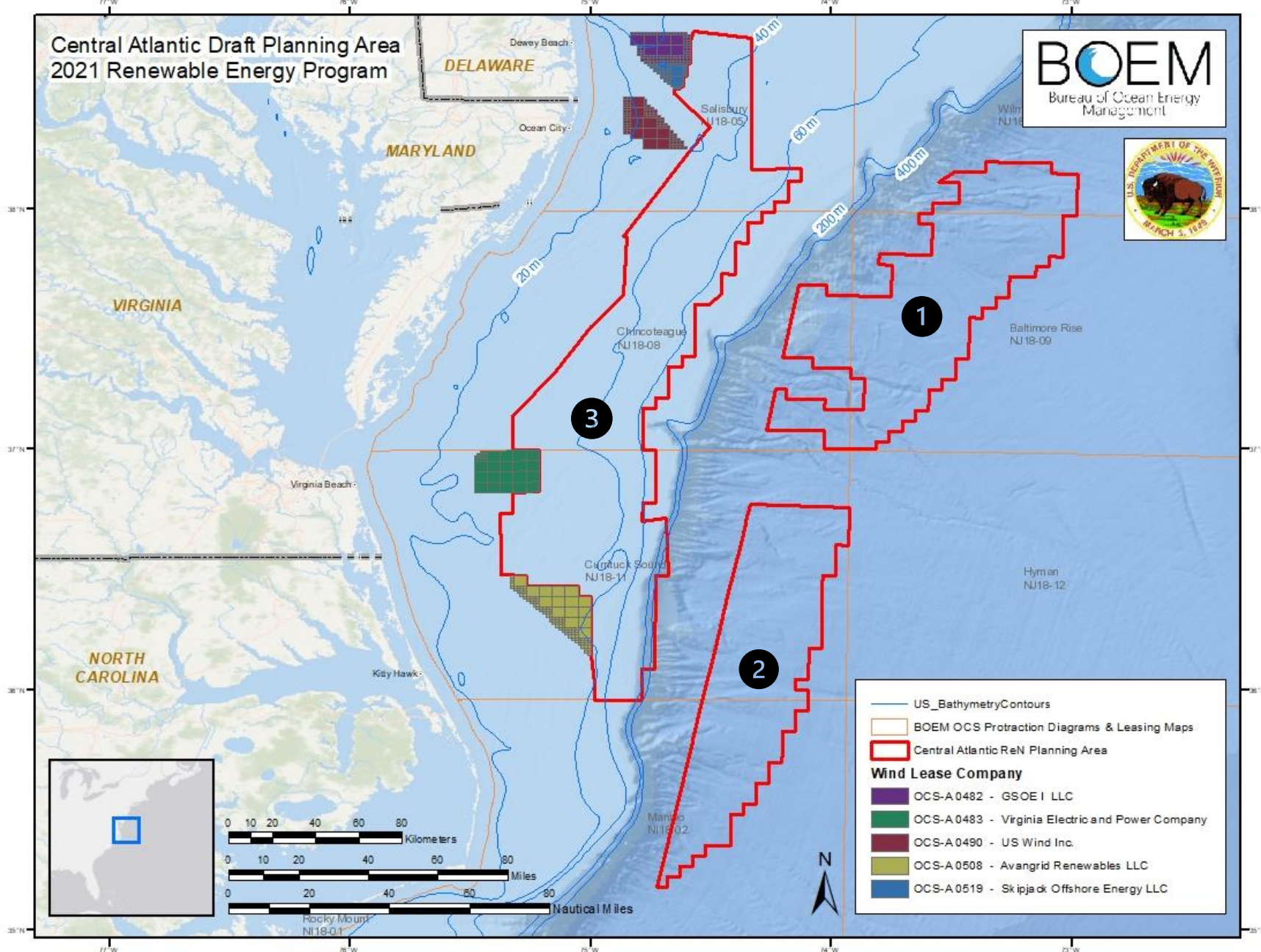
Milestone	Action	Target Date
Draft Call Area to Task Force	Initiate Federal/State Partner Reviews	September 2021
	Distribute to Task Force	January 2022
Tribal Engagement	Informational Meeting	December 9, 2021
Fisheries Engagement	Sector based meetings (4)	January 5-6, 2022
Task Force Meeting	Hold virtual meeting	February 16, 2022
Publish Call for Information and Nominations	Publish Call	Q2 2022
	45-Day Comment Period	Q2 2022
Area Identification	Identify Wind Energy Area(s)	Q3 2022
Lease Sale	Proposed Sale Notice	Q4 2022
	Final Sale Notice	Early/Mid 2023
	Hold auction	Mid-2023



Central Atlantic Milestones



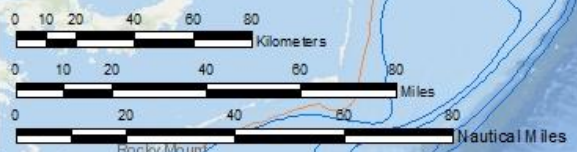
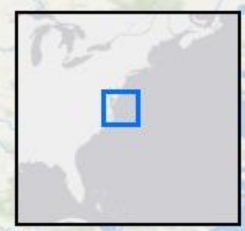
Central Atlantic Draft Planning Area 2021 Renewable Energy Program



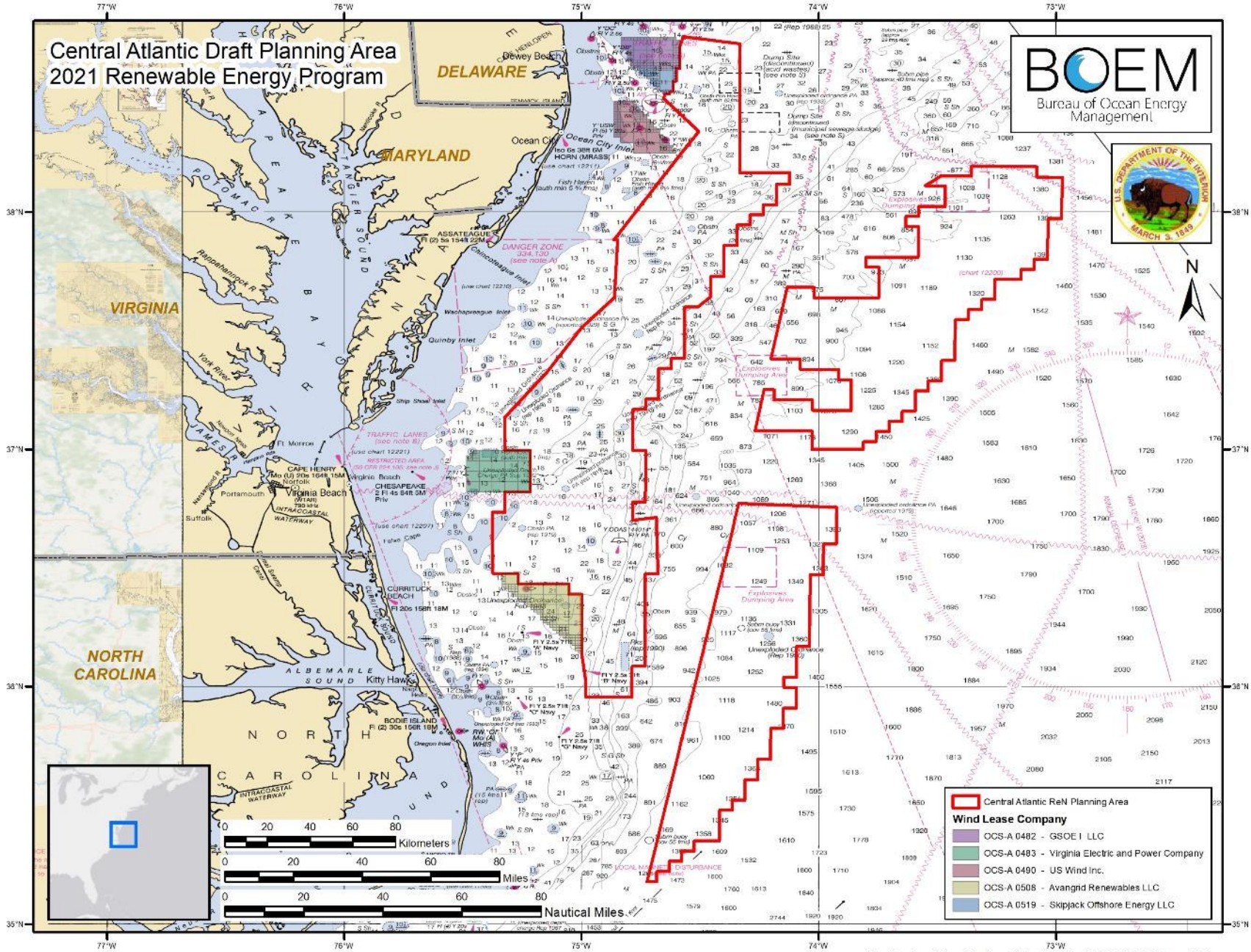
— US_BathymetryContours
 BOEM OCS Protraction Diagrams & Leasing Maps
 Central Atlantic ReN Planning Area

Wind Lease Company

- OCS-A 0482 - GSOE I LLC
- OCS-A 0483 - Virginia Electric and Power Company
- OCS-A 0490 - US Wind Inc.
- OCS-A 0508 - Avangrid Renewables LLC
- OCS-A 0519 - Skipjack Offshore Energy LLC



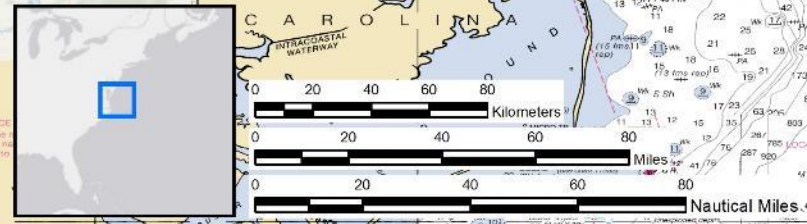
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Central Atlantic ReN Planning Area

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Feedback? Comments?

If you have additional feedback or comments not discussed in today's meeting,
please send them to:

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Bridgette.Duplantis@boem.gov

An underwater photograph of sand dunes on the ocean floor, with light filtering through the water, creating a serene blue and white scene.

BOEM

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Management

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