South Fork Wind Project Update

06.09.2021

South Fork Wind | Powered by Ørsted & Eversource

Ørsted

Offshore Wind Pioneer

- 20+ years of experience building offshore wind farms
- Built the first offshore wind farm in the world
- Owns and operates America's first offshore wind farm - Block Island Wind Farm

Proven Expertise

- 28 successful offshore wind farms, with over 1,500 turbines installed worldwide and the largest project portfolio in the country

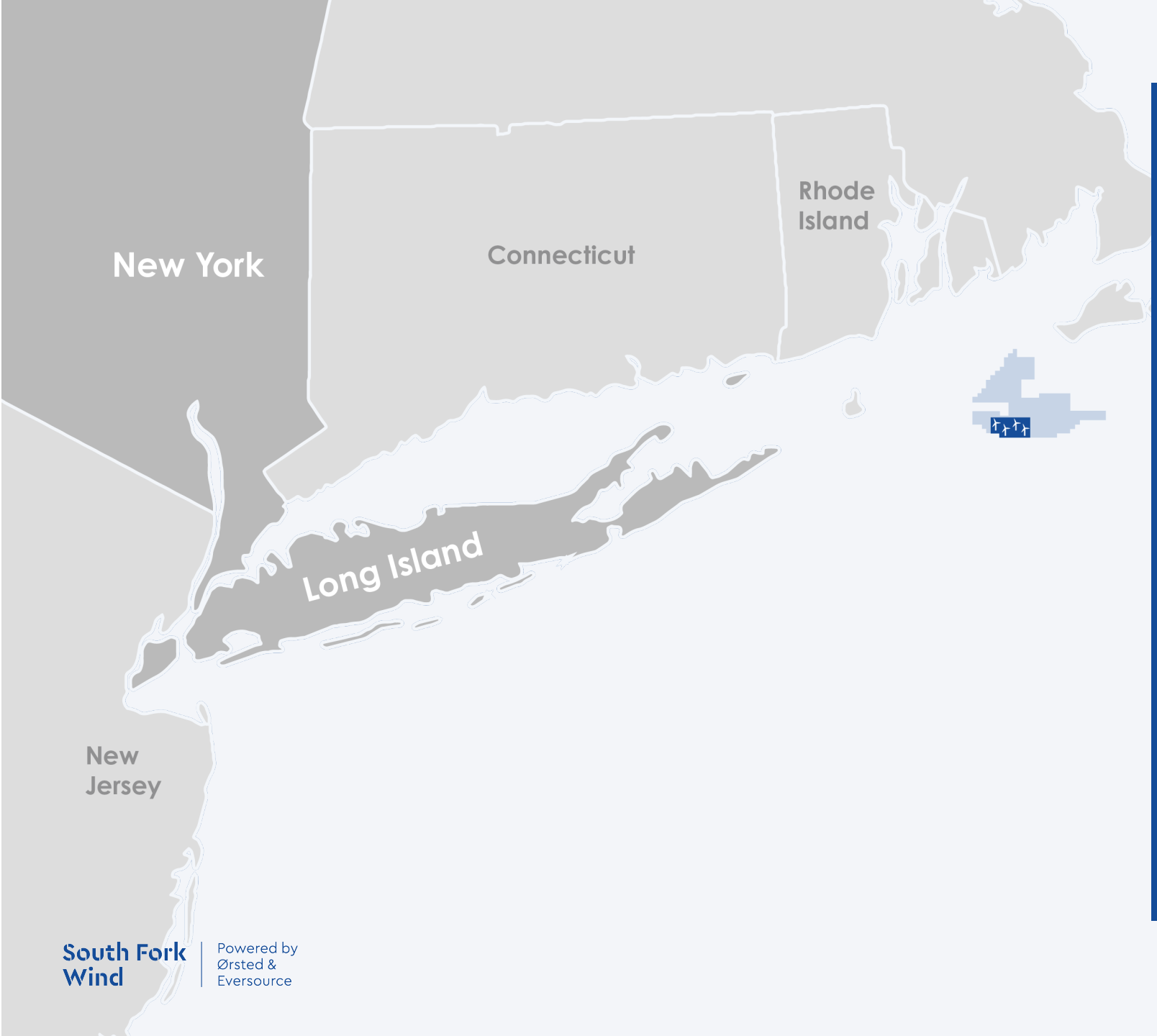
EVERSOURCE

National Energy Leader with Northeast Roots

- 100+ year history of operation in Northeast New England's largest energy company
- Deep-rooted knowledge of the region's electrical system with unparalleled expertise in energy transmission

Catalyst for Clean Energy Solutions

- Leading driver of northeast, clean energy economy supporting economic development across the region



What is South Fork Wind?

- 50/50 JV with Eversource
- Approximately 132 MW
- 35 miles east of Montauk Point
- 12 wind turbine generators (WTG)
- One offshore substation
- Will power 70,000 Long Island homes
- The South Fork Export Cable will deliver power to the substation located off Cove Hollow Rd in the Town of East Hampton
- Commercial operations expected 2023

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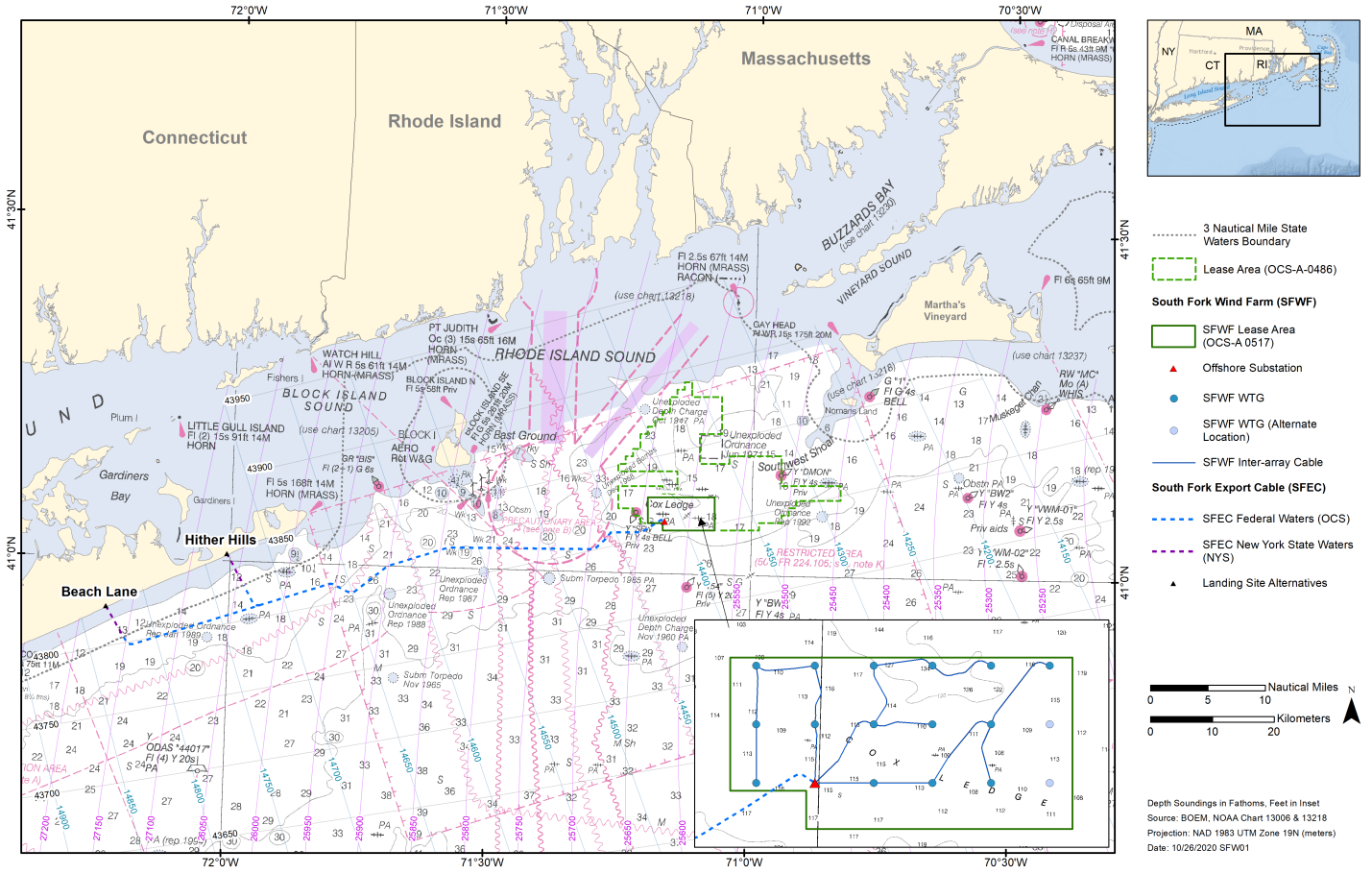
Project Location



3 Nautical Mile State Waters Boundary

Lease Area (OCS-A-0486)

South Fork Wind Farm (SFWF)

SFWF Lease Area (OCS-A 0517)

Offshore Substation

SFWF WTG

SFWF WTG (Alternate Location)

SFWF Inter-array Cable

South Fork Export Cable (SFEC)

SFEC Federal Waters (OCS)

SFEC New York State Waters (NYS)

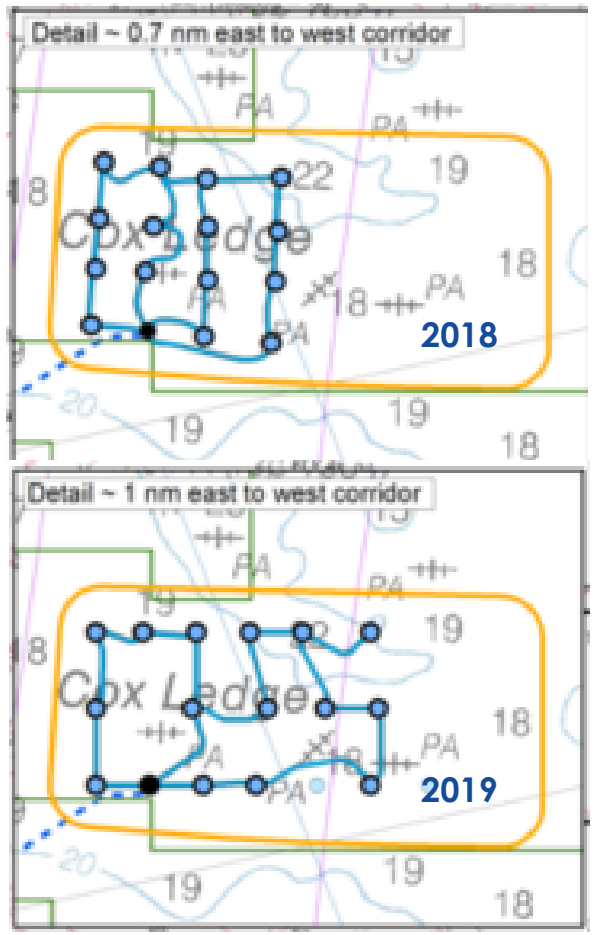
Landing Site Alternatives

South Fork Wind	Acres	% of Total
Lease OCS-A-0517	13,700	100.00%
Footprint of Permanent Structures	**32.5**	**0.24%**

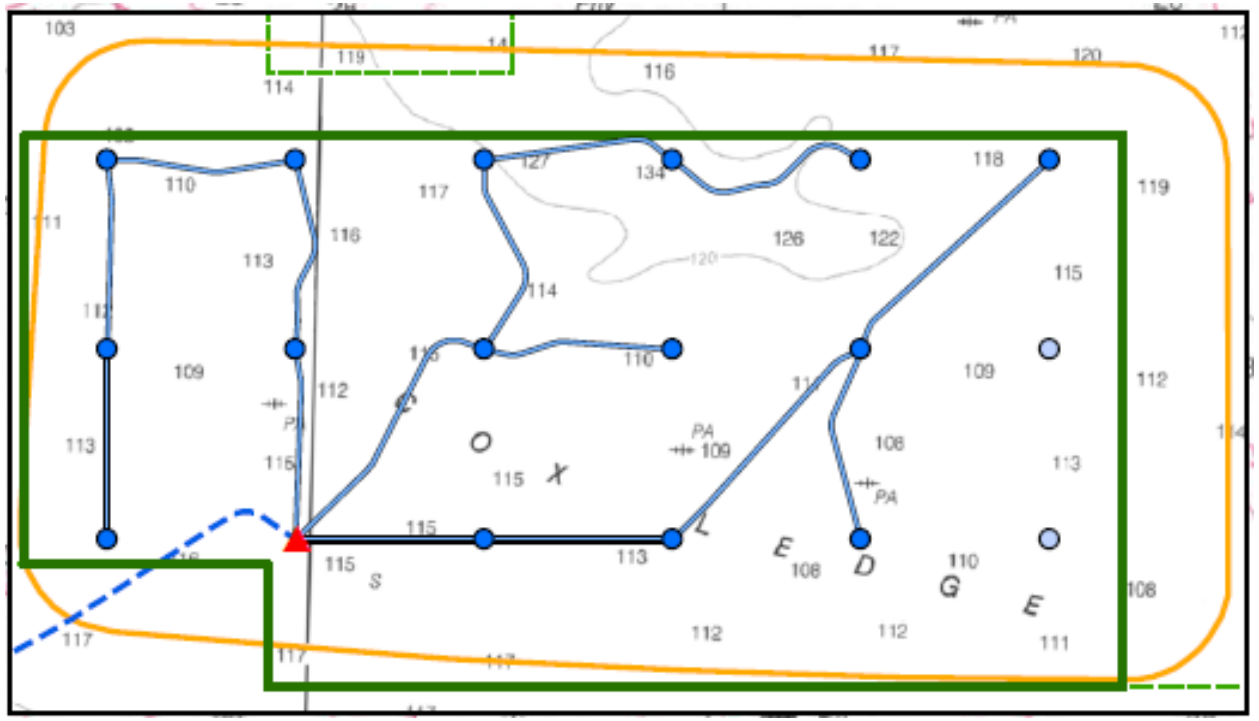
COP Updates and Environmental Review

- **Construction and Operation Plan (COP)**
  - Originally Submitted: June 2018
  - Update Submitted: May 2019
  - Update Submitted: February 2020
- **Draft Environmental Impact Statement (DEIS) Issued in January 2021**
- **Final Environmental Impact Statement (FEIS) Expected in August 2021**
- **SFW has been engaged with the fishing community since 2017**
- **This has resulted in several project modifications**

Progression of South Fork Wind Turbine Layouts

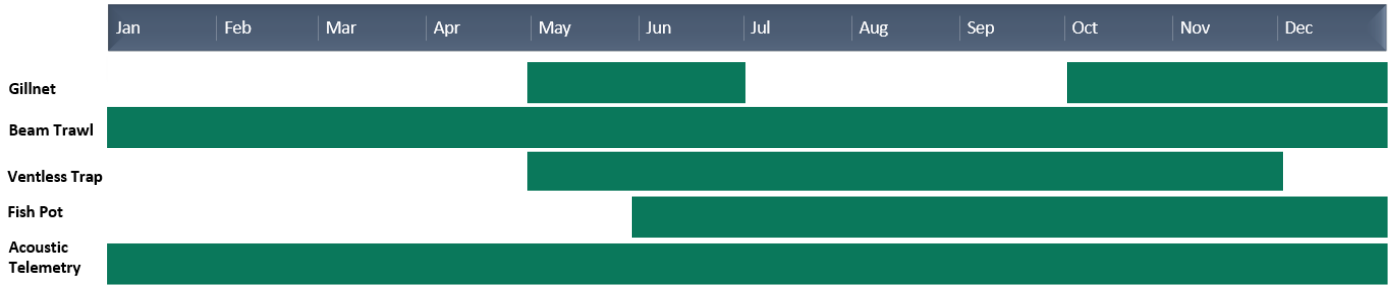


2020 Layout: 1 by 1 nautical mile grid



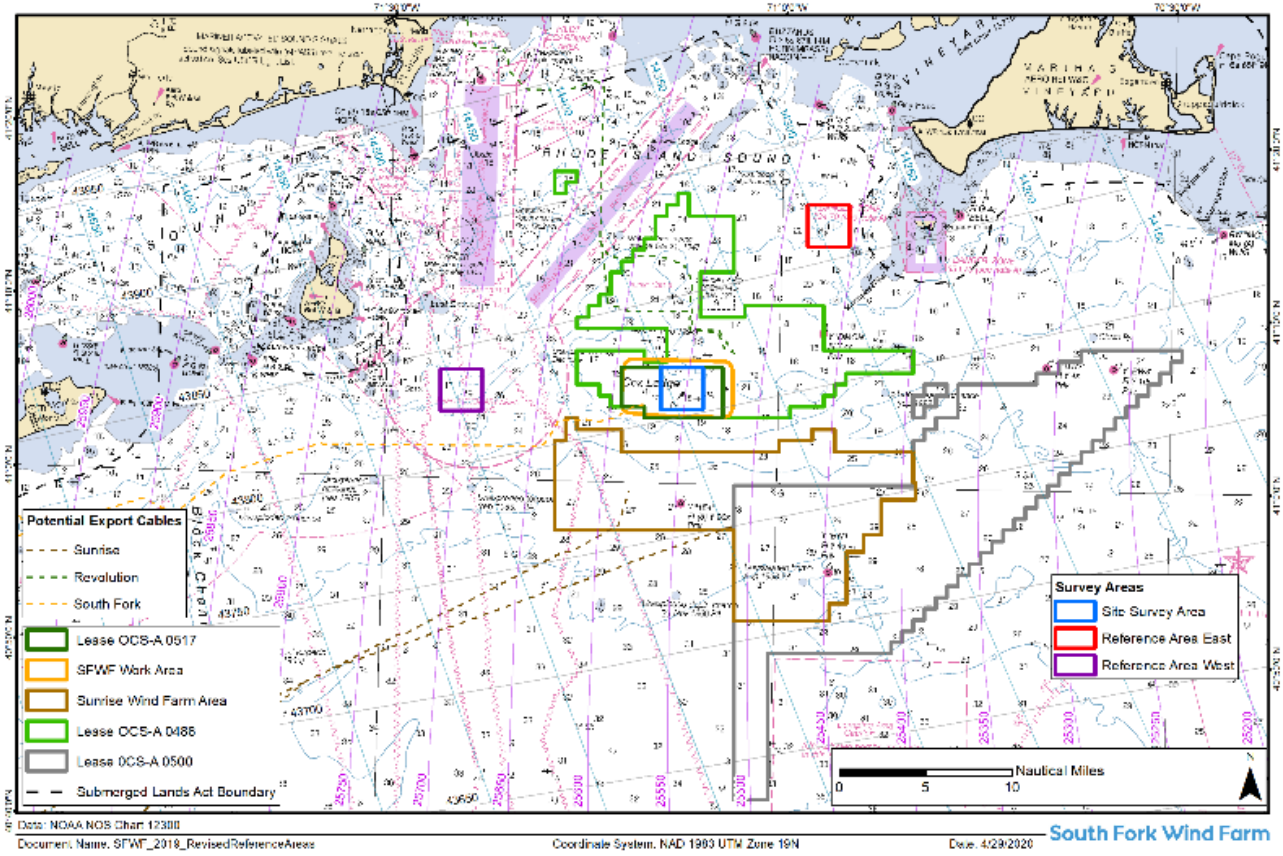
Elements and Timeline of the South Fork Wind Fisheries Monitoring Plan

- Partnered with Commercial Fisheries Research Foundation and URI for fisheries monitoring activities onboard local fishing vessels
- Gillnet survey
- Beam trawl survey
- Ventless trap survey for lobster and crabs
- Fish pot survey
- Acoustic telemetry



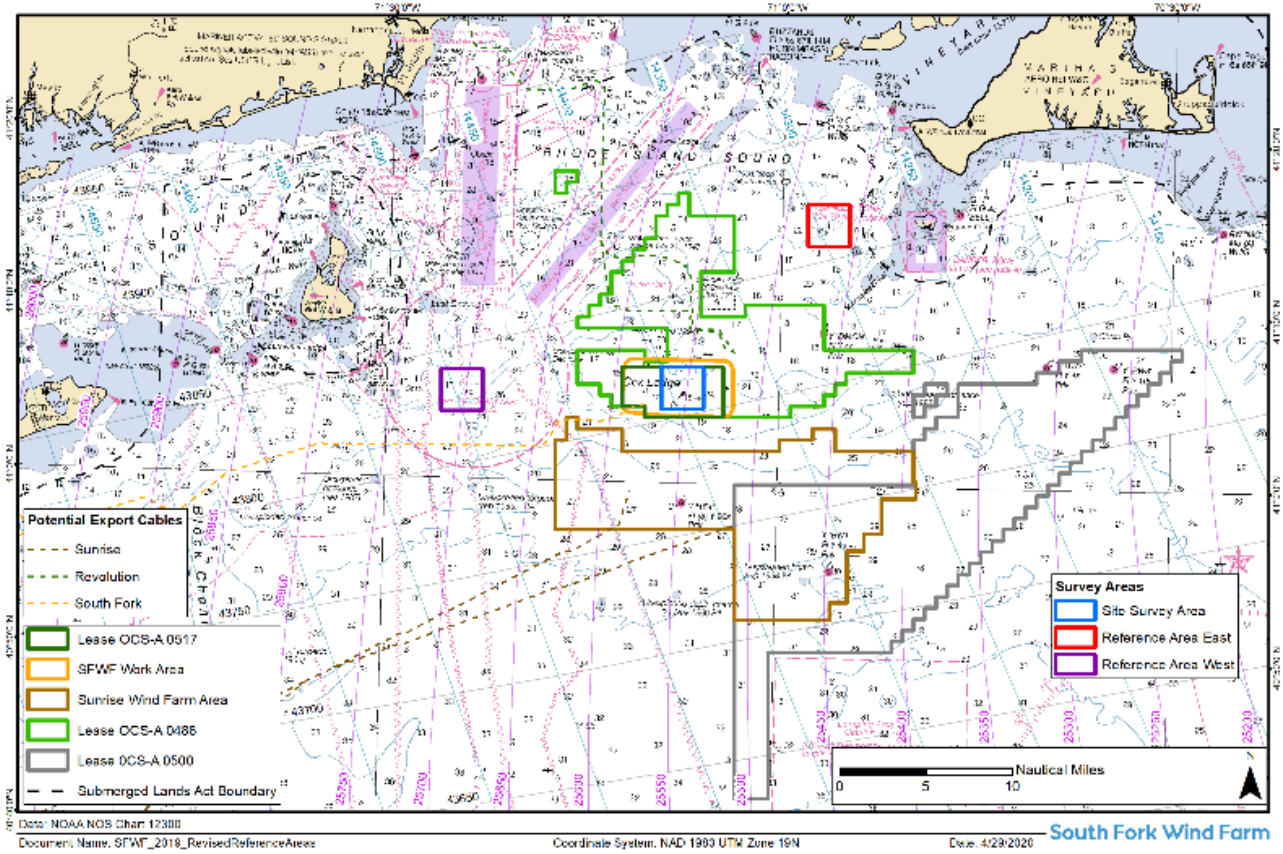
Beam Trawl Survey

- Sampling began October 2020
- Research conducted on the F/V Mister G
- Asymmetrical BACI design to identify changes in relative abundance
- Monthly sampling at one impact location and two reference locations with three replicate tows per area (nine total tows per month)
- 3m beam trawl with 4.5” mesh and a 1” codend liner towed at 4 knots for 20 minutes
- Adaptive sampling approach: use year 1 data to conduct power analysis and modify sampling intensity if needed



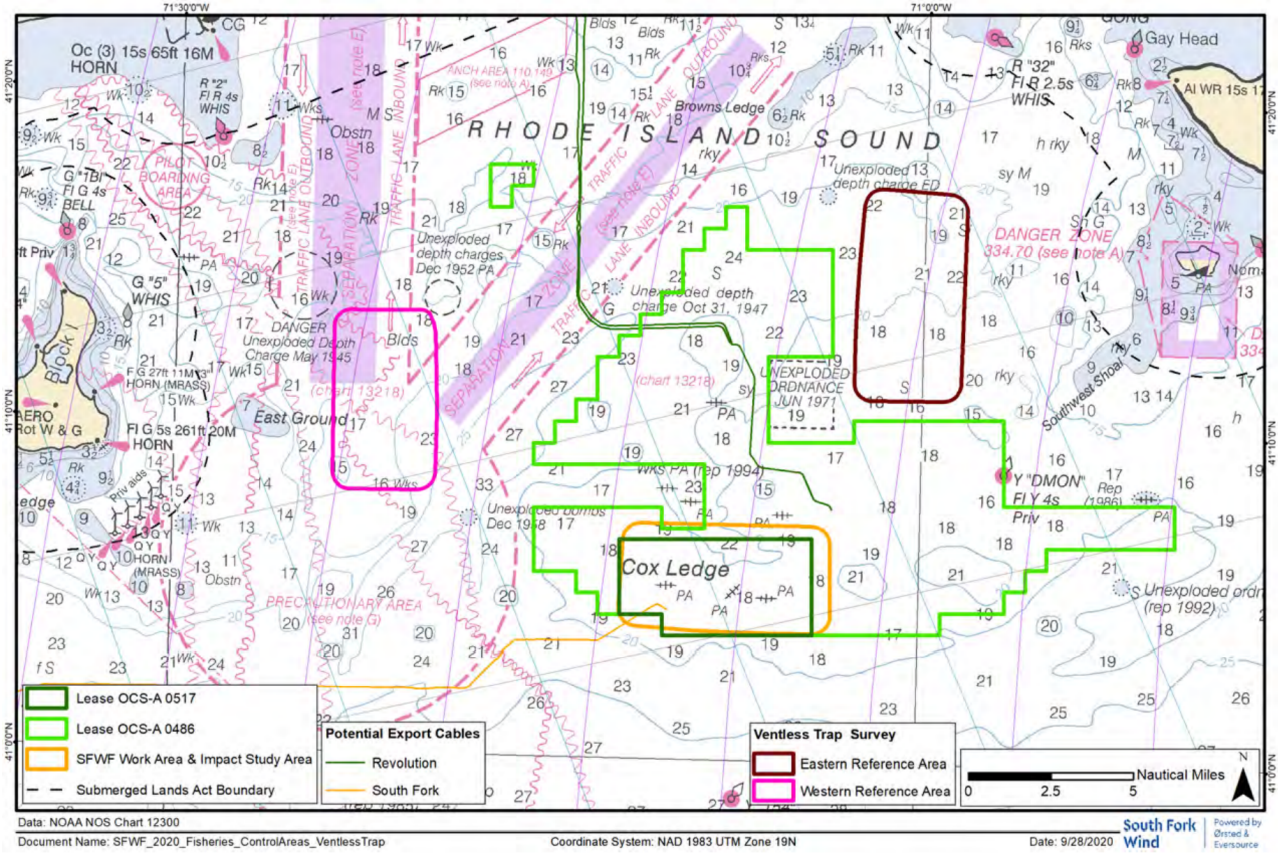
Gillnet Survey

- Survey started in May 2021
- Research to be conducted on the F/V Cailyn and Maren and F/V More Misery
- Asymmetrical BACI design to identify changes in relative abundance
- Bi-monthly sampling in the impact area and two control areas from April through June, and October through December
- Six panel, tie-down nets with 12" mesh – 48 hr soak
- Year 1: set up to five gillnet strings in each area. Adaptive sampling approach – power analysis of Year 1 data will determine future sampling intensity



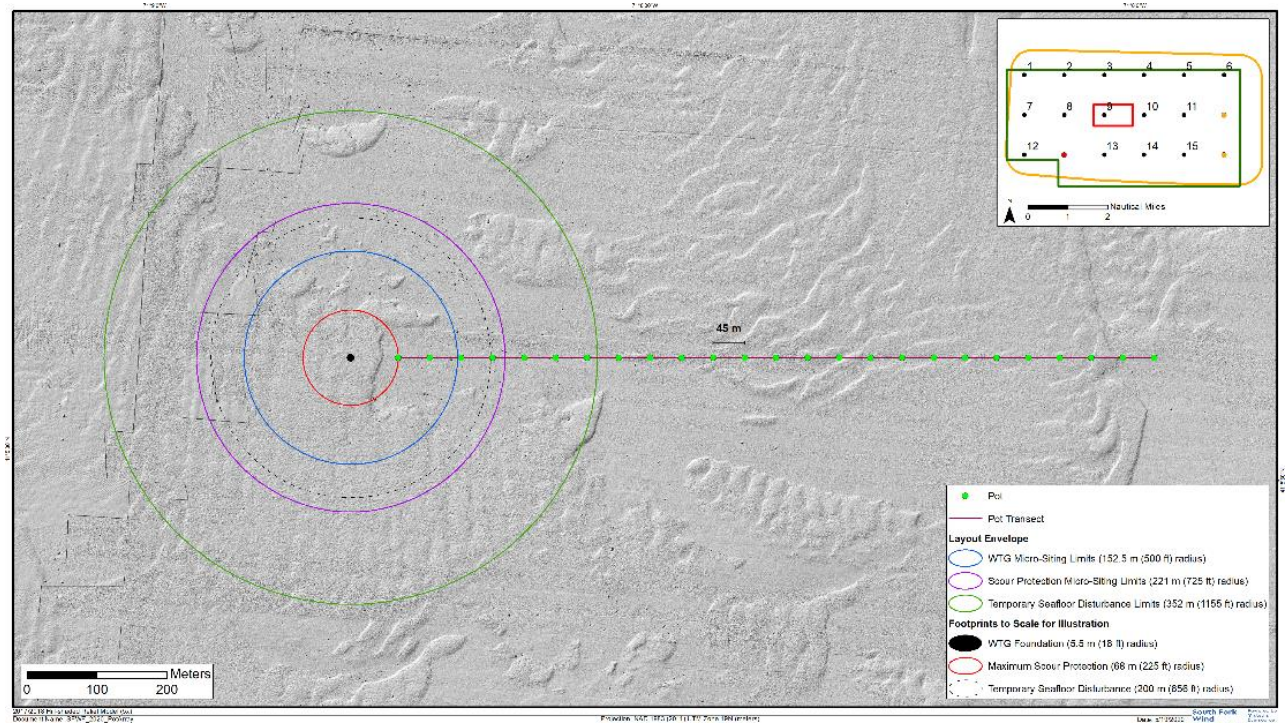
Ventless Lobster Trap Survey

- Sampling started in May 2021
- Research to be conducted on the F/V Erica Knight, Amelia Anne and F/V Ashley Ann II
- Asymmetrical BACI design to identify changes in relative abundance
- Sampling to occur twice per month May-Nov
- Builds on previous SNECVTS conducted in 2014, 2015 and 2018
- S10 trap trawls (6 ventless, 4 vented) will be fished on a 5-night soak
- Biological sampling will be consistent with ASMFC protocols
- T-bar tagging component added to address residency and seasonal movements



Fish Pot Survey

- Survey will begin in June; survey timing was changed based on feedback from GARFO
- Research to be conducted on the F/V Harvest Moon
- Before-after gradient design (BAG)
- Sampling to occur monthly from Jun-Dec
- Monitor species associated with complex bottom habitats (black sea bass, tautog, and scup) that may not be well sampled by the other gear types
- 18 pot strings will be set at 8 randomly selected turbine locations with a 24-hour soak time
- Adaptive sampling will be used

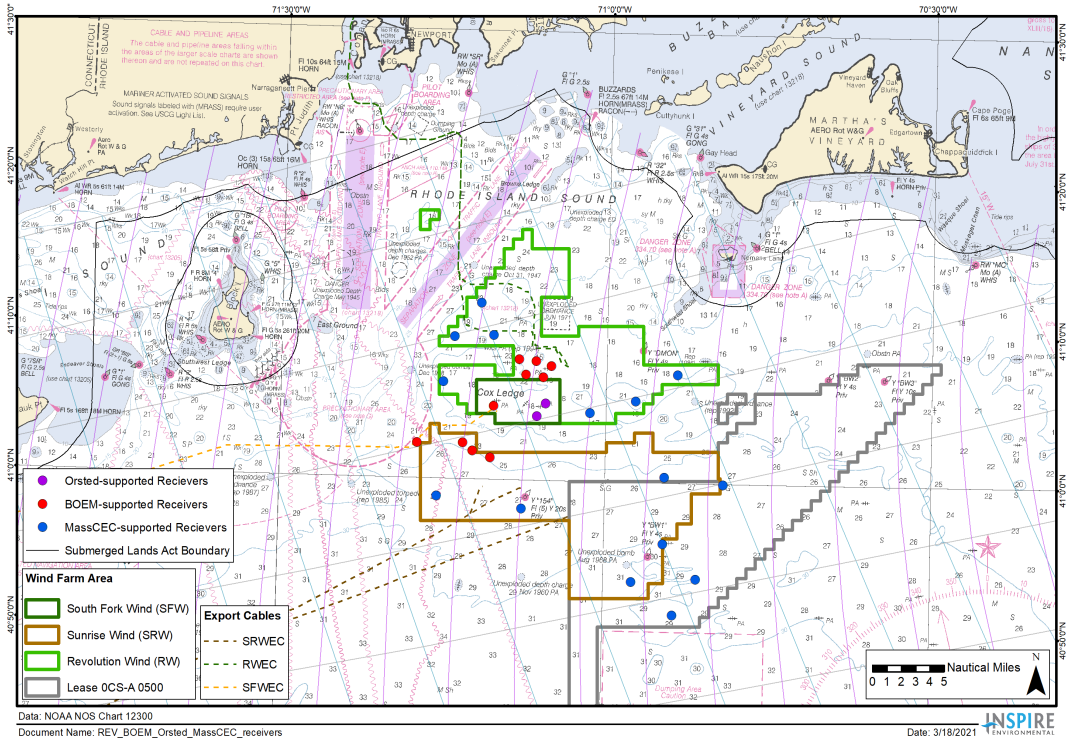


Acoustic Telemetry

- Ørsted has provided financial support to ongoing telemetry projects focused on cod and highly migratory species (HMS)
- Beginning in 2022, Ørsted will partner with the New England Aquarium and Inspire Environmental to carry out a five-year telemetry project for HMS

Project Timeline

- 2022 - 2026 - 36 receivers deployed in Ørsted lease areas. Receiver array will be downloaded and maintained three times per year
- 2023-2025 - 50 transmitters deployed each year on HMS species
- 2026 - Project ends and final report is delivered
- VR2AR acoustic release receivers will be used (no vertical lines)
- Detection data will be shared publicly through MATOS



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