AVANGRID RENEWABLES

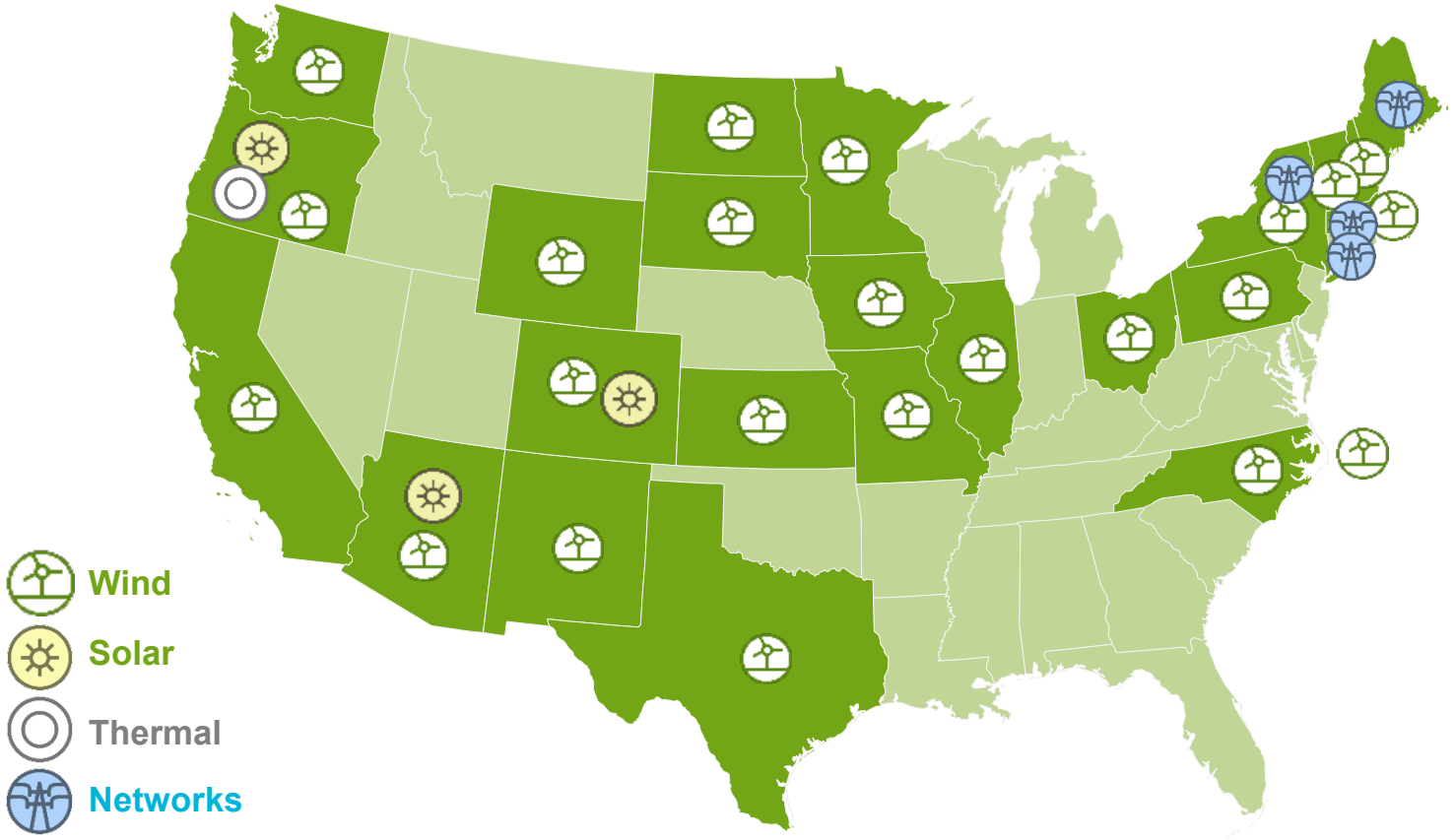
Kitty Hawk OFFSHORE

South Atlantic Fishery Management Council

December 10, 2021

AVANGRID: $39 Billion in Assets with a Presence in 24 States

- Third largest wind operator in the US
- Approx. 8 GW wind and solar in operation
- Total offshore wind lease capacity approx. 6.9GW



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PROJECT TIMELINE

Leasing

2017

Lease awarded and executed

Kitty Hawk given exclusive rights to develop lease area for offshore wind development

Site Assessment

2018 2019 2020 2021

Site Assessment Plan approved

Construction and Operations Plan (COP) submitted for first project in December 2020.

Remaining lease areas is currently being evaluated and it is anticipated a COP will be submitted in 2022.

Construction and Operation

2022 2023 2024 2025 2026

All necessary permits, authorizations and approvals received for construction and operation

For the first project construction is anticipated to start mid-2020s (in-water construction beginning in 2025) with first power mid-late 2020s with the second phase coming online sometime later

Operation period is anticipated to be 25+ years

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Project Overview
Bringing Power to the North Carolina Grid

- Lease Area 27 miles east of Corolla NC.
- 2 Projects
  - Kitty Hawk North ~ 800MW (69 turbines, 1 OSS)
  - Kitty Hawk South ~ 1,700MW (108 turbines, 2 OSS)
  - Providing clean power to ~ 700,000 homes
- Conducting reconnaissance level surveys and stakeholder outreach to inform the permitting process
- Offshore surveys underway with additional campaigns for 2022 to support COP
- FLiDAR deployed (June 2020-present) with 2nd device anticipated to be deployed in December 2021
- Evaluating grid connections in North Carolina

Base Case Being Surveyed

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Second Meteorological Buoy
Deploying in the Kitty Hawk Lease Area December 2021

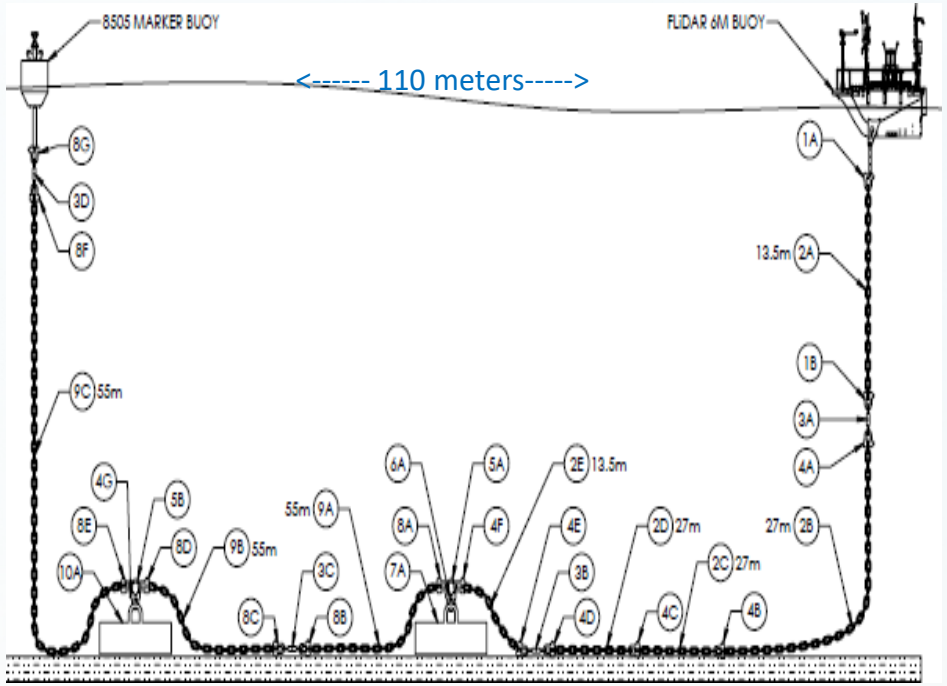


Figure 1 Meteorological Buoy, Moorings, and Marker Buoy

Figure 2 Meteorological Buoy

Real-time wind and sea state conditions

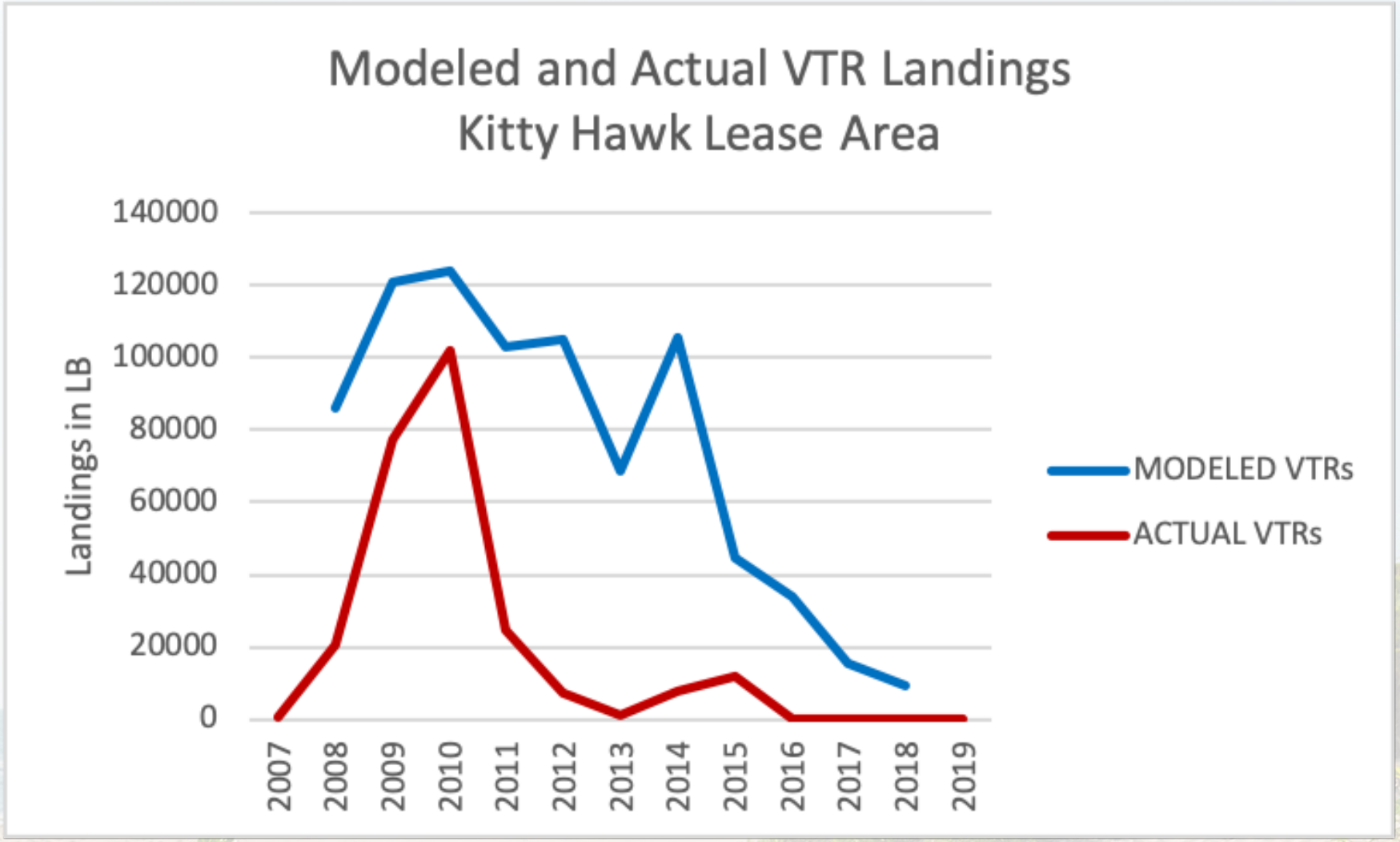
Kittyhawkoffshore.com/fishing

Lat/Lon (DD.MM.MMM)	Approximate TDs Loran C 9960
36.15.432 N -75.03.450 W	26889.3 40964.0

Integrating Historical Fisheries in the Project Design Process

- Front-loading detailed fisheries information in the design process
- NNE/SSW Orientation 014T/025M Consistent with predominant trawl tow directionality in the area's historical trawl fishery
- Orientation aligns with Loran-C 2-line which coincides with long-distance commercial fisheries transits from NC to NY
- Spacing .751 x 1.113 NM between turbines in draft layout

Fishing Activity in the Lease Area



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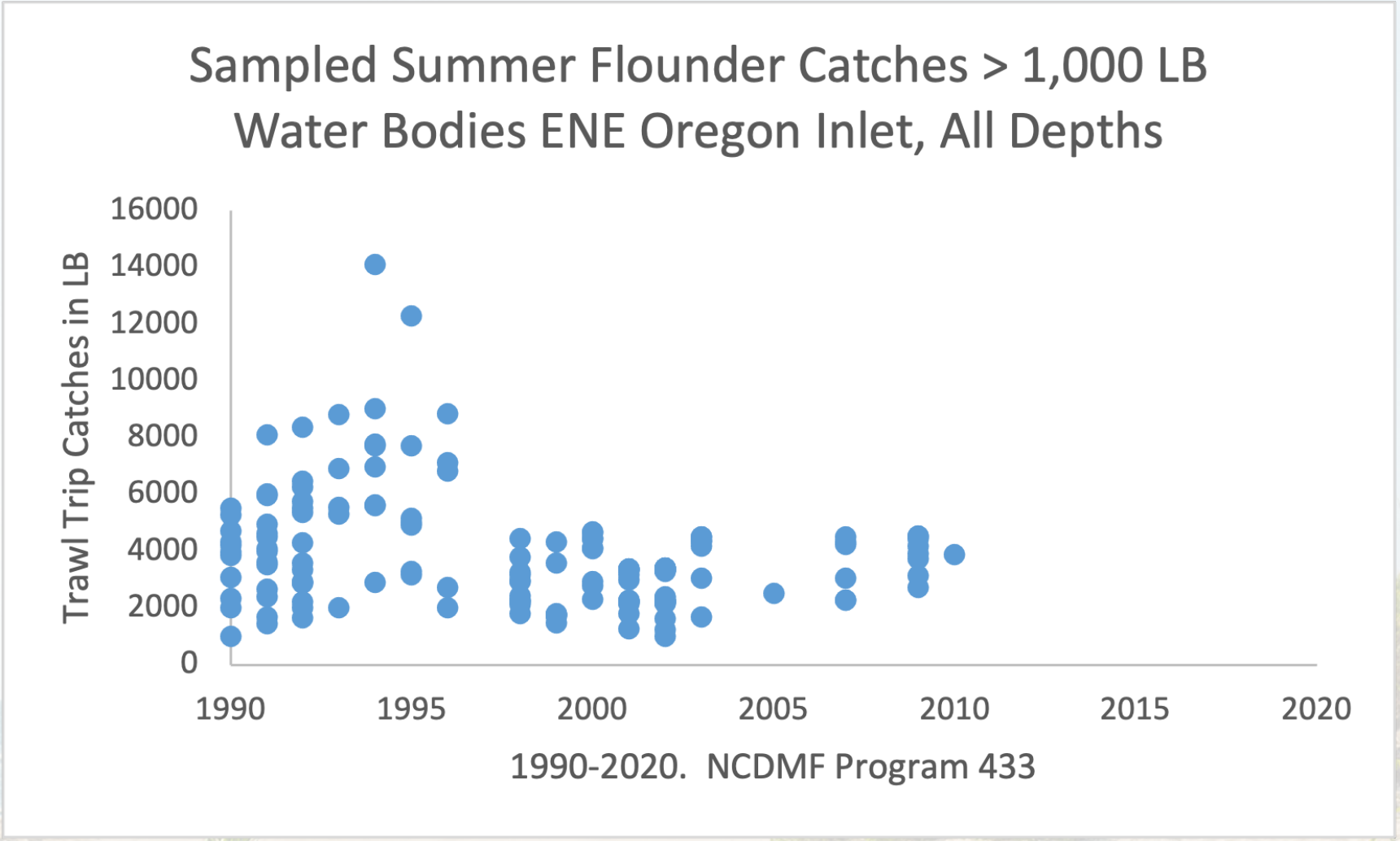
NC Sampled Trawl Catches of Summer Flounder >1,000 LB, 1990-2020



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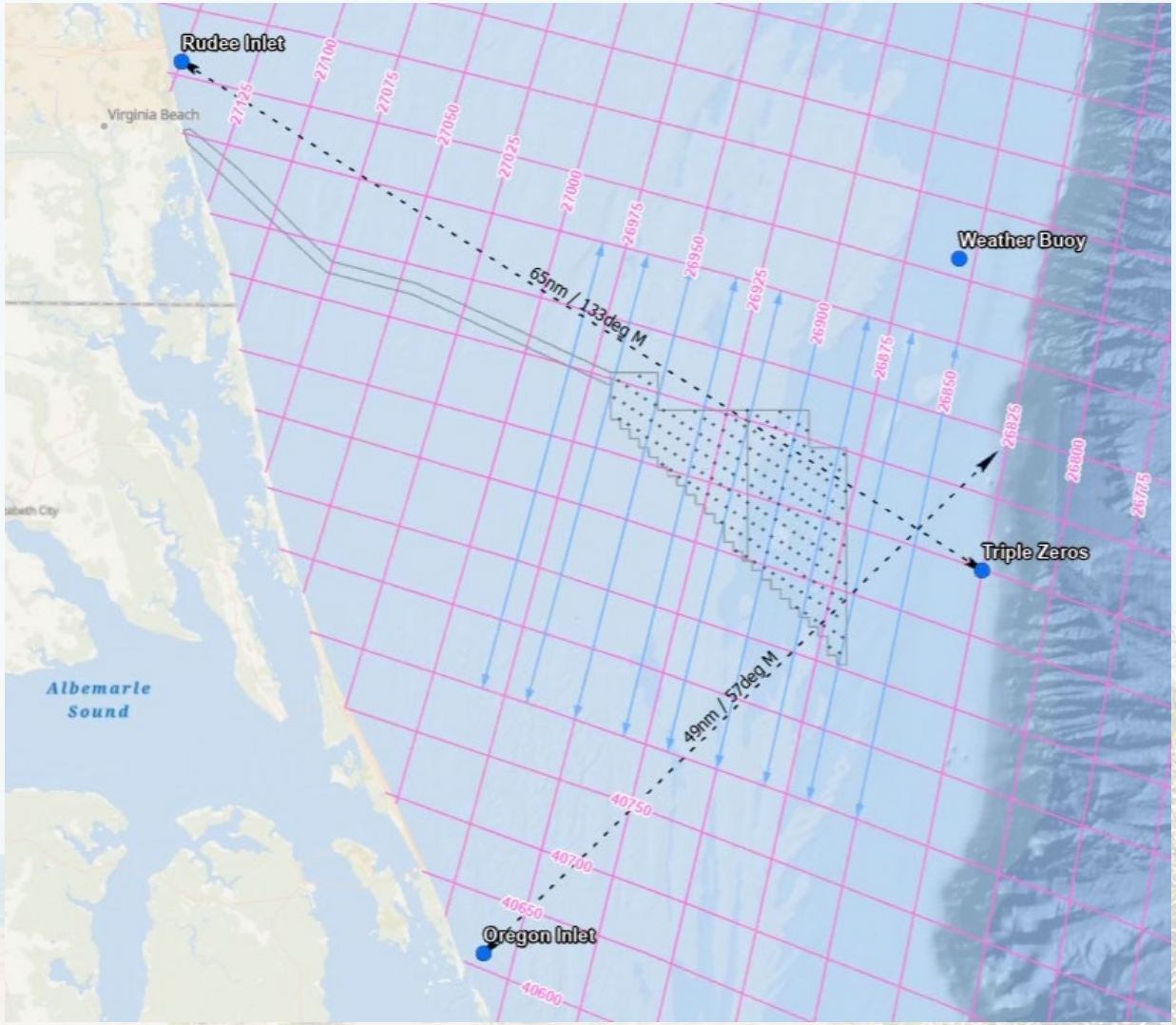
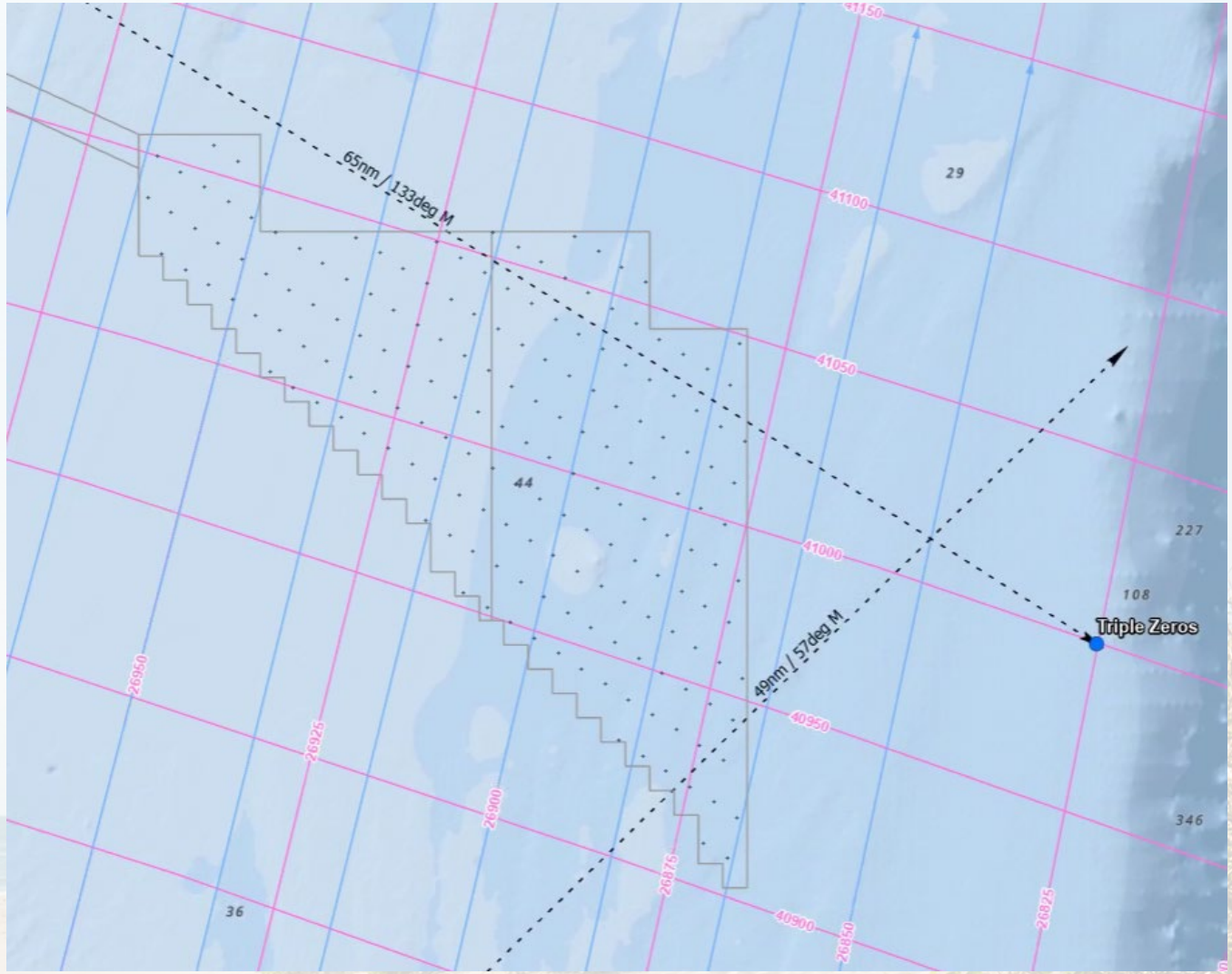
Indicative Layout
Fisheries Transit Considerations

- NNE/SSW axis of 014T/025M is maintained consistent with trawl tow directionality
- WNW/ESE axis is rotated clockwise, 34 degrees east of north
- With the array located between Rudee Inlet and Oregon Inlet, the clockwise rotation improves accommodation of recreational and commercial fisheries transits seaward of the lease area
- Marking, lighting, and AIS to comply with USCG Guidance



Indicative Layout
Fisheries Transit Considerations (continued)

- All turbines and Offshore Substations (OSS) are oriented in straight lines to facilitate transits
- A boat can chart a course directly through the array from Rudee Inlet to the Triple Zeros
- Boats operating from both inlets can chart courses to destinations seaward of the array directly or with minimal intermediate waypoints



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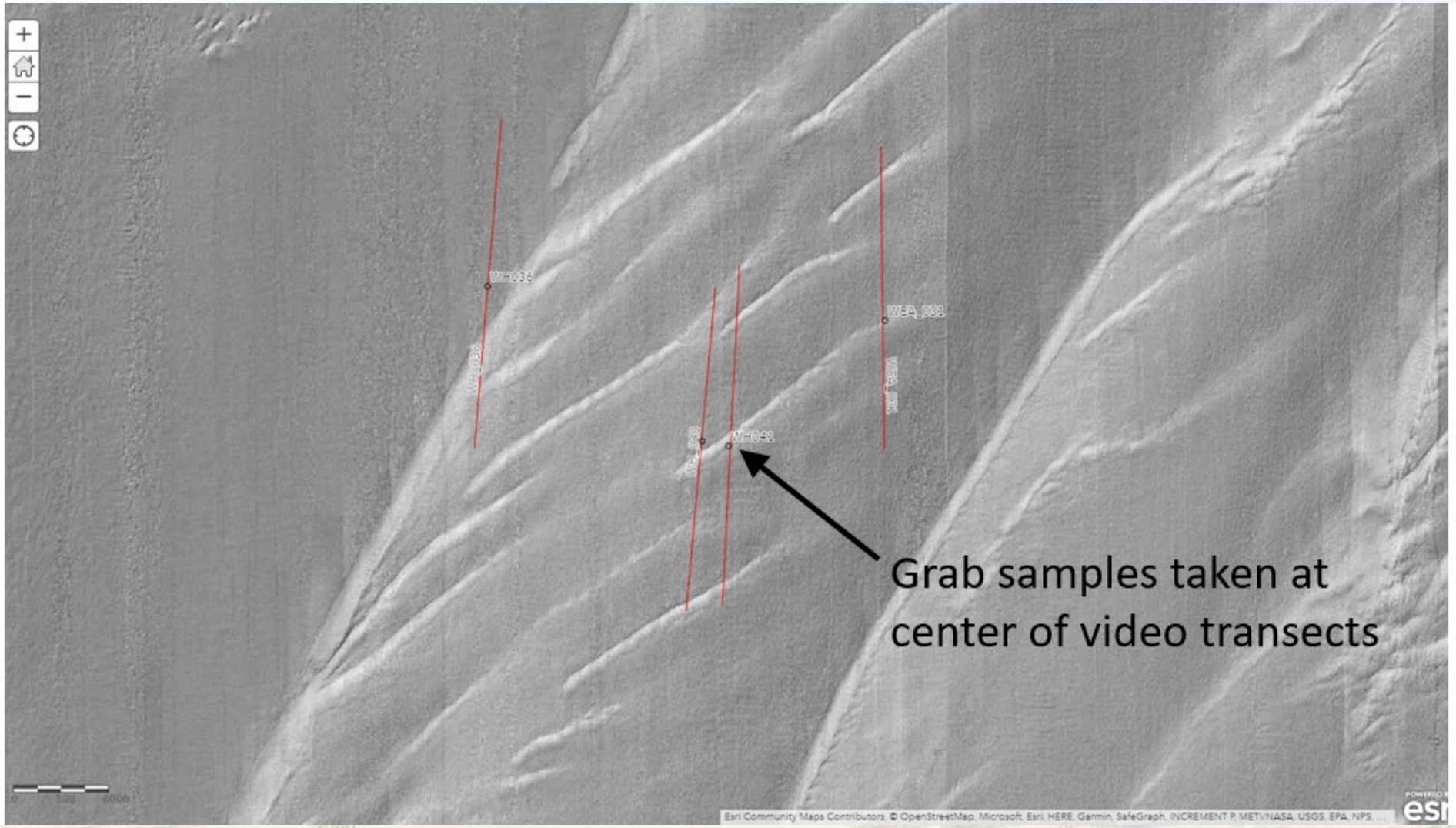
High Resolution Bathymetry



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Fisheries FAQs, Fisheries Notices, and
Real-Time Weather from the Metbuoy

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