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www.southforkwind.com

June 16, 2022

VIA EMAIL to: John.Stokely@boem.gov

United States Department of Interior – Bureau of Ocean Energy Management
ATTN: John Stokely, Office of Renewable Energy Programs
45600 Woodland Road, Mailstop: VAM-OREP
Sterling, VA 20166

Re: Project Modification – South Fork Export Cable (SFEC-OCS) Micrositing Adjustment

Dear John,

As requested, South Fork Wind (SFW) is providing the attached materials related to the requested project modification for the South Fork Export Cable (SFEC-OCS) micrositing adjustment. All of these materials have been previously submitted to the Bureau of Ocean Energy Management related to the SFW Construction and Operations Plan.

If you have questions or would like to discuss further, please contact me directly at ROSOD@orsted.com.

Sincerely,

Robert B. Soden

Robert Soden
SFW Permit Manager, Northeast Permitting

Attachments:
1 – Project Modification Summary, SFEC-OCS Micrositing Adjustment, March 1, 2022
2 – Supplemental Information, May 11, 2022
3 – Supplemental Information, June 9, 2022

South Fork Wind Farm Project

Project Modification Summary

SFEC-OCS Micrositing Adjustment

February 25, 2022

Submitted to

BOEM

Bureau of Ocean Energy Management

Submitted by

South Fork Wind | Powered by Ørsted & Eversource

Prepared by

Stantec

South Fork Wind Farm Project

Project Modification Summary

SFEC-OCS Micrositing Adjustment

February 25, 2022

Submitted to:	Bureau of Ocean Energy Management 45600 Woodland Road Sterling, VA 20166
Submitted by:	South Fork Wind, LLC 56 Exchange Terrace, Suite 300 Providence, RI 02903
Prepared by:	Stantec Consulting Services Inc. 30 Park Drive Topsham, ME 04086

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Executive Summary

In accordance with 30 CFR § 585.634(a), South Fork Wind, LLC (SFW) is notifying the Bureau of Ocean Energy Management (BOEM), of a minor micrositing adjustment to the export cable (SFEC-OCS) route approved in the Construction and Operations Plan (COP) for the South Fork Wind Farm (SFWF) and South Fork Export Cable (SFEC) (the Project) and this submission includes a detailed description of that activity.

During micrositing review of the detailed project design, SFW identified a minor modification of the curvature of the SFEC-OCS route which would increase the likelihood of achieving proper burial depth, minimize boulder clearance activities, optimize cable crossing angles to reduce the quantity of secondary cable protection, and reduce installation of cable in challenging ground conditions. The micrositing adjustment for the SFEC-OCS route is within the area previously surveyed and provided to BOEM as part of the COP.

This micrositing adjustment is not among the activities for which a proposed revision to the COP would be necessary pursuant to 30 CFR § 585.634(c); does not change the description of the project reviewed by BOEM in the Record of Decision (ROD) for the Project, does not result in a significant change to the environmental impacts previously evaluated by BOEM in its Final Environmental Impact Statement (FEIS) and the ROD, and does not require any additional federal consultations, pursuant to 30 CFR § 585.634(d); and does not change the final determinations and findings described in the Section 106 Memorandum of Agreement for the Project because no new adverse effects on known marine archaeological resources were identified.

Section 1 provides a summary of the regulatory framework in which this proposed change will be reviewed. Section 2 includes additional information about the location of the micrositing adjustment for the SFEC-OCS route, and Section 3 includes evaluation of potential impacts to relevant natural and cultural resources, demonstrating that the potential impacts are consistent with previous evaluations.

SFW evaluated the following environmental impacts associated with this proposed change:

- Benthic Habitat. The composition of benthic habitat complexity in the vicinity of the SFEC-OCS route micrositing adjustment is consistent with the results presented to BOEM in March 2021.
- Cultural Resources. The SFEC-OCS route micrositing adjustment does not adversely affect any of the previously avoided ancient, submerged landform features (ASLFs), shipwrecks, or potential shipwrecks. The summary description of the interpreted resources and adverse effects to ASLF remains unchanged from previous assessments.

Based on this evaluation, there are no changes to the analysis presented in Table 1 of the ROD or Chapter 3 of the FEIS.

Acronyms and Abbreviations

APE	Area of Potential Effect
BOEM	Bureau of Ocean Energy Management
COP	Construction and Operations Plan
FEIS	Final Environmental Impact Statement
MOA	Memorandum of Agreement
NEPA	National Environmental Policy Act
ROD	Record of Decision
SFEC	South Fork Export Cable
SFW	South Fork Wind, LLC
SFWF	South Fork Wind Farm
SHPO	State Historic Preservation Office

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Tables

Attachments

SECTION 1 – INTRODUCTION

South Fork Wind, LLC (SFW) has proposed the South Fork Wind Farm and South Fork Export Cable Project (the Project). SFW proposes a minor micrositing adjustment of the SFEC-OCS route for approximately 9 miles (mi) (14.5 kilometers [km]) of the SFEC-OCS in the area immediately adjacent to the lease area (Attachment A). This adjustment maintains a corridor width of approximately 590 ft (180 m). This adjustment is located within the area that was surveyed and reviewed within the Construction and Operations Plan.

As described in further detail herein, this proposed use does not change the description of the project reviewed by the Bureau of Ocean Energy Management (BOEM), does not result in any significant change to the environmental impacts previously evaluated by BOEM, and does not affect the final determinations for this Project, including findings of effect relevant to historic properties described in the Section 106 Memorandum of Agreement for the Project.

1.1 Background

During micrositing review of the detailed project design, SFW identified adjustments to the location of the SFEC-OCS route to maximize the likelihood of achieving proper burial depth based on site-specific data and anticipated cable installation equipment. This micrositing adjustment would also minimize boulder clearance activities, optimize cable crossings angles to reduce the quantity of secondary cable protection, and minimize the extent of cable in challenging ground conditions.

The location of the microsited SFEC-OCS route remains within the area surveyed and included in the evaluations conducted for the Project and provided to BOEM. A summary of applicability of these evaluations for the microsited SFEC-OCS route are described in Section 3 and relevant Attachments.

1.2 Regulatory Framework

Several existing approvals and reviews are relevant to the micrositing adjustment of the SFEC-OCS route.

- BOEM issued an Approval[1] of the Construction and Operations Plan (COP) for the Project on January 18, 2022, and in conjunction with the COP Approval, also granted SFW the cable easement that SFW requested on October 18, 2021;
- BOEM issued a final environmental impact statement (FEIS)[2] for the Project on August 18, 2021 and issued a Record of Decision (ROD)[3] on the FEIS on November 24, 2021; and
- BOEM finalized the Section 106 Memorandum of Agreement (MOA)[4] on November 23, 2021.

Each of these is further described in the following sections. In addition, for reference purposes, this document includes information from the FEIS, ROD, Section 106 (MOA), and EM&CP Amendment Request; when information is included verbatim from those documents, the text is gray and indented.

1.2.1 COP Approval and Right-of-Use Easement

30 CFR § 585.634(a) requires lessees to notify BOEM in writing before conducting any activities not described in the approved COP, describing in detail the type of activities proposed to conduct. BOEM will determine whether the activities proposed are authorized by existing COP or require a revision to the COP. As described in Section 2, the micrositing adjustment of the SFEC-OCS route involves the same type of activity described in the approved COP, but in a revised location

30 CFR § 585.634(c) identifies the activities for which a proposed revision to the COP will likely be necessary including: (1) activities not described in approved COP; (2) modifications to the size or type of facility or equipment to be used; (3) change in the surface location of a facility or structure; (4) addition of a facility or structure not described in approved COP; (5) change in the location of onshore support base from one State to another or to a new base requiring expansion; (6) changes in the location of bottom disturbances (anchors, chains, etc.) by 500

[1] South Fork Wind COP Approval Letter. January 18, 2022.

[2] South Fork Wind Farm and South Fork Export Cable Project Final Environmental Impact Statement. August 2021. https://www.boem.gov/sites/default/files/documents/renewable-energy/state-activities/SFWFFEIS.pdf

[3] Record of Decision South Fork Wind Farm and South Fork Export Cable Construction and Operations Plan. November 24, 201. https://www.boem.gov/renewable-energy/state-activities/record-decision-south-fork

[4] Memorandum of Agreement Among the Bureau of Ocean Energy Management, the Massachusetts State Historic Preservation Office, the Rhode Island State Historic Preservation Office, the New York State Historic Preservation Office, and the Advisory Council on Historic Preservation regarding the South Fork Wind Farm and South Fork Export Cable Project. November 22, 2021. https://www.boem.gov/sites/default/files/documents/renewable-energy/state-activities/ma-ny-ri-south-fork-moa.pdf

feet (152 meters) or greater from the approved locations (e.g., if a specific anchor pattern was approved as a mitigation measure to avoid contact with bottom features, any change in the proposed bottom disturbances would likely trigger the need for a revision); (7) structural failure of one or more facilities; or (8) change in any other activity specified by BOEM. As described in Section 2, the micrositing adjustment of the SFEC-OCS route includes a change in the surface location (585.634(c)(3)) of a facility, as defined in 30 CFR § 585.112; however, this change is located within the area evaluated by BOEM for technical and environmental factors. The micrositing adjustment of the SFEC-OCS route does not include any of the other activities described in 30 CFR § 585.634.

30 CFR § 585.658(b) identifies the conditions under which a cable can deviate from an approved COP: if BOEM determines that a significant change in conditions has occurred that would necessitate an adjustment to the Right-of-Way (ROW), Right-of-Use Easement (RUE) or lease before the commencement of construction of the cable or pipeline on the grant or lease, BOEM will consider modifications to the ROW grant, RUE grant, or lease addendum for a project easement in connection with the COP.

30 CFR § 585.305 identifies the information to be included for a modified RUE grant, including (a) the area requested for a RUE grant; (b) a general description of objectives and the facilities to be used to achieve those objectives; (c) a general schedule of proposed activities; and (d) pertinent information concerning environmental conditions in the area of interest. Section 2 provides the necessary information for BOEM to evaluate pursuant to these requirements.

1.2.2 National Environmental Policy Act

The FEIS was prepared in accordance with the National Environmental Policy Act (NEPA) (42 USC § 4321 *et seq*) and implementing regulations.[5] The FEIS informed BOEM in deciding whether to approve, approve with modifications, or disapprove the COP for the Project. Cooperating agencies also relied on the FEIS to support their decision-making.

30 CFR § 585.634(d) indicates that BOEM may begin the appropriate NEPA analysis and relevant consultations when BOEM determines that a proposed revision could: (1) result in a significant change in the impacts previously identified and evaluated; (2) require any additional Federal authorizations; or (3) involve activities not previously identified and evaluated.

As described in Section 3, micrositing adjustment of the SFEC-OCS route does not result in any significant changes to the impacts previously identified and evaluated, does not require any additional Federal authorizations; and the activities remain the same as those that have been previously identified and evaluated. Section 2 includes additional information about the location of the microsited SFEC-OCS route and Section 3 includes an evaluation of impacts to

[5] Council on Environmental Quality (CEQ) NEPA regulations from 1978 were revised on July 26, 2020, and took effect on September 14, 2020. Because work on the EIS began before September 14, 2020, BOEM has followed the 1978 CEQ NEPA regulations. All following citations to CEQ NEPA regulations refer to the regulations before they were revised on July 26, 2020 (see 40 CFR 1506.13 of the revised regulations).

relevant natural and cultural resources, demonstrating that the impacts are consistent with previous evaluations.

For reference, this document includes information from the FEIS and ROD that is relevant to the micrositing adjustment of the SFEC-OCS route.

1.2.3 Section 106

BOEM, with the Massachusetts State Historic Preservation Office (SHPO), the Rhode Island SHPO, the New York SHPO, and the Advisory Council on Historic Preservation, finalized a Memorandum of Agreement (Section 106 MOA) pursuant to Section 106 of the National Historic Preservation Act (NHPA), as amended (54 USC 306108) and its implementing regulations (36 CFR 800), on November 23, 2021.

Section V of the Stipulations of the Section 106 MOA describe the process for project modifications, provided below for reference in gray text.

> A. If SFW proposes any modifications to the Project that expands the Project beyond the Project Design Envelope included in the COP and/or occurs outside the defined APE or the proposed modifications change the final determinations and findings for this Project, SFW shall notify and provide BOEM with information concerning the proposed modifications. BOEM will determine if these modifications require alteration of the conclusions reached in the Finding of Effect and, thus, will require additional consultation with the signatories, invited signatories and consulting parties. If BOEM determines additional consultation is required, SFW will provide the signatories, invited signatories and consulting parties with the information concerning the proposed changes, and they will have 30 calendar days from receipt of this information to comment on the proposed changes. BOEM shall take into account any comments from signatories, invited signatories, and consulting parties prior to approving any proposed changes. Using the procedure below, BOEM will, as necessary, consult with the signatories, invited signatories, and consulting parties to identify and evaluate historic properties in any newly affected areas, assess the effects of the modification, and resolve any adverse effects.
>
> 1. If the Project is modified and BOEM identifies no additional historic properties or determines that no historic properties are adversely affected due to the modification, SFW will notify all the signatories, invited signatories, and consulting parties about this proposed change and BOEM's determination, and allow the signatories, invited signatories, and consulting parties 30 calendar days to review and comment. This MOA will not need to be amended if no additional historic properties are identified and/or adversely affected.
> 2. If BOEM determines new adverse effects to historic properties will occur due to a Project modification, SFW will notify and consult with the relevant signatories, invited signatories, and consulting parties regarding BOEM's finding and the resolution of the adverse effect and develop a new HPTP following the consultation process set forth in Stipulation IV. They will have 30 calendar days to review and comment on the adverse effect finding and the proposed resolution of adverse effects, including a draft HPTP. BOEM, with the assistance of SFW, will conduct additional consultation meetings, if necessary, during drafting and finalization of the HPTP. The MOA will not need to be amended after the HPTP is finalized.
> 3. If any of the signatories, invited signatories, or consulting parties object to determinations, findings, or resolutions made pursuant to these measures (Stipulation V.A.1 and 2), BOEM will resolve any such objections pursuant to the dispute resolution process set forth in Stipulation XI.

The location of the micrositing adjustment for the SFEC-OCS route is not within the original APE identified for the Project, and as such, SFW is notifying BOEM of this proposed change and providing BOEM with information concerning the proposed modifications. As discussed in

Section 3.3 and Attachment B of this document, the micrositing adjustment of the SFEC-OCS route does not adversely affect any of the previously avoided ancient, submerged landform features (ASLFs), shipwrecks, or potential shipwrecks. The summary description of the interpreted resources and adverse effects to ASLF remains unchanged from previous assessments. BOEM will determine if these modifications require alteration of the conclusions reached in the Finding of Effect.

For reference purposes, this document includes information from the Section 106 MOA that is relevant to the micrositing adjustment of the SFEC-OCS route. More information is provided in Section 3.3.

SECTION 2 – DESCRIPTION OF PROPOSED CHANGE

The SFEC-OCS extends from the Offshore Substation within Lease 0517-A to the boundary of New York State waters, which is located 3 nautical miles from the New York State coastline. The microsited SFEC-OCS route is located within 9 miles (mi) (14.5 kilometers [km]) of the Offshore Substation (Attachment A). SFW does not plan any changes to the installation methods or activities described in the COP and reviewed in the FEIS.

The following sections describe the portions of the analysis presented in the FEIS or ROD that are relevant to this proposed change. For reference purposes, this document includes information from the FEIS, ROD, and Section 106 (MOA) when information is included verbatim from those documents, the text is gray and indented.

Project Description

This proposed change would not affect the Project Description, as defined in Section 2.1 of the ROD. No changes are planned for the following Project components, as described in Section 2.1.1 of the FEIS, provided below for reference.

> South Fork Wind Farm
> - Wind Turbine Generators
> - Foundations
> - Inter-array cables
> - Offshore Substation
> - Operations and Maintenance Facility
> - Port Facilities

> South Fork Export Cable
> - Offshore Segments
> - Onshore Segments
> - Sea-to-Shore Transition
> - Interconnection Facility

South Fork Export Cable Component Installation

SFW does not plan any changes to the installation methods for the SFEC-OCS, as described in section 2.1.1.3.2 of the FEIS, provided below for reference.

> Prior to installation, SFW would ensure all possible obstructions and debris are removed from the cable route. Inter-array cables would then be installed using a mechanical cutter, mechanical plow, or jet-plow to a target burial depth of 4 to 6 feet (see Section 3.1.3.3 of the COP for construction details). Cable installation would occur out to approximately 300 feet from each WTG

foundation, at which point the cable would be laid out and cut. At that point, a pulling head would be put on the cable end to allow the cable to be pulled into the foundation. After cable installation, scour protection would be installed, as applicable.

If seabed conditions do not permit cable burial, SFW would employ other methods of cable protection (fronded mattresses, rock bags, rock, or engineered concrete mattresses) (see Table 3.1-1 in the COP for details). A cable inspection program would be developed to confirm the cable burial depth along the route and to identify any further remedial burial activities or secondary cable protection.

Construction staging and installation for the offshore SFEC would generally be as described for the inter-array cables. Cable lay and burial would be conducted for the entire SFEC route, up to approximately 300 feet from the OSS. At that point, the cable would be attached to the OSS in the same process as described for connecting inter-array cables to WTGs. If seabed conditions do not permit cable burial, remedial burial could occur using a controlled flow excavator or other methods of cable protection (e.g., rock or engineered concrete mattresses) would be employed. SFW would cross other existing telecommunication cables using industry standards, including cable protection and clearing of inactive cables from the burial route, where applicable (see Tables 3.2-2 and 3.2-3 in the COP for details regarding cable protection at crossings).

Request for Amended Easement

SFW provides the following information pursuant to 30 CFR § 585.305.

(a) the area requested for a RUE grant

Attachment A depicts the area requested for the microsited SFEC-OCS route. The micrositing adjustment for the SFEC-OCS route is, at the maximum 1318 feet (402 meters) from the current easement. Attachment B provides the specific coordinates that SFW requests be amended from the easement request submitted to BOEM on October 18, 2021.

(b) a general description of objectives and the facilities to be used to achieve those objectives

SFW does not propose a change to the objectives or the facilities used to achieve those objectives, from those described in the easement request submitted to BOEM on October 18, 2021. A modified RUE grant would allow SFW to reduce the length of cable installation in challenging ground conditions, to increase the overall likelihood of achieving proper burial depth, reduce the required amount of boulder clearance/relocation and provide a preferred alignment for crossing existing cable assets (TAT-6 and CB1). The preferred alignment minimizes the amount of mattress protection required at the crossing.

(c) a general schedule of proposed activities

SFW does not proposed a change to the general schedule of proposed activities.

(d) pertinent information concerning environmental conditions in the area of interest.

Section 3 of this document provides pertinent information concerning environmental conditions in the area of interest. The micrositing adjustment of the SFEC-OCS route is located within the area previously surveyed and evaluated.

SECTION 3 – ENVIRONMENTAL ASSESSMENT OF IMPACTS

This section describes the relevant portions of analysis presented in Chapter 3 of the FEIS, and other relevant documents.

Section 3.1 includes a brief summary of impacts and Sections 3.2 to 3.6 provide additional information regarding resources that could be affected by this proposed change. For reference, each section includes a summary of impacts, relevant text from the FEIS, ROD, and Section 106 When information is included verbatim from those documents, the text is gray and indented.

3.1 Summary of Impacts

Table 3.1 presents a summary of the impacts of the proposed change for each resource evaluated in the FEIS. SFW evaluated the environmental impacts associated with this proposed change for each of these resources.

In the following sections, additional information is provided regarding two pertinent resources that were evaluated in the FEIS, including benthic habitat and cultural resources.

As described below, this proposed change will not result in any significant change to the environmental impacts previously evaluated by BOEM.

Table 3.1 Summary of Impacts of Proposed Change

Resource Category	Resource	Summary of Impacts of Proposed Change	Additional Info in this Document
Physical Resources	Air Quality	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A
	Water Quality	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A
Biological Resources	Bats	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A.
	Benthic Habitat, Essential Fish Habitat, Invertebrates, and Finfish	The composition of benthic habitat complexity in the vicinity of the cable micrositing adjustment is consistent with the results presented to BOEM in March 2021.	See Section 3.2 for additional discussion.
	Birds	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A
	Other Terrestrial and Coastal Habitats and Fauna	No change to analysis in Chapter 3 of FEIS; proposed change is only relevant offshore in federal waters.	N/A
	Marine Mammals	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A
	Sea Turtles	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A
	Wetlands and other Waters of the United States	No change to analysis in Chapter 3 of FEIS; proposed change is only relevant offshore in federal waters.	N/A
Socioeconomic and Cultural Resources	Commercial Fisheries and For-Hire Recreational Fishing	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A

Resource Category	Resource	Summary of Impacts of Proposed Change	Additional Info in this Document
	Cultural Resources	The cable micrositing adjustment does not adversely affect any of the previously avoided ancient, submerged landform features (ASLFs), shipwrecks, or potential shipwrecks. The summary description of the interpreted resources and adverse effects to ASLF remains unchanged from previous assessments.	See Section 3.3 for additional discussion.
	Demographics, Employment, and Economics	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A
	Environmental Justice	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A
	Land Use and Coastal Infrastructure	No change to analysis in Chapter 3 of FEIS; proposed change is only relevant offshore in federal waters.	N/A
	Navigation and Vessel Traffic	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A
	Other uses (marine, military use, aviation, offshore energy)	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A
	Recreation and Tourism	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A
	Visual Resources	No change to analysis in Chapter 3 of FEIS; proposed change is consistent with the impacts evaluated.	N/A

3.2 Benthic Habitat, Essential Fish Habitat, Invertebrates, and Finfish

Summary of Effects of Proposed Change

The micrositing adjustment for the SFEC-OCS route is located within the area that was surveyed and reviewed within the Construction and Operations Plan. The analysis from the FEIS is still applicable for the proposed change because the acres presented in the benthic habitat mapping report were conservative maximum design scenario estimates developed for Essential Fish Habitat (EFH) review to describe potential impacts by habitat types. The habitat complexity in the vicinity of the micrositing adjustment for the SFEC-OCS route is consistent with results presented in Table 6 in BOEM RFI #17: Attachment 1, dated March 2021.[6]

[6] INSPIRE Environmental. 2021. BOEM RFI #17: Attachment 1: Habitat Complexity Impact Tables in Support of the South Fork Wind Farm and South Fork Export Cable Essential Fish Habitat Consultation and Environmental Impact Statement. Prepared for South Fork Wind in Support of Essential Fish Habitat Consultation. March 16, 2021.

FEIS Chapter 3 Evaluation

The potential impacts to benthic habitat and EFH were described in the ROD Table 1, and in the FEIS Table 2.3.1-1.

Table 1 of the ROD and Table 2.3.1-1 of the FEIS indicated "negligible to moderate adverse impacts on benthic habitat, EFH, invertebrates, and finfish from Project construction and installation, O&M, and conceptual decommissioning."

3.3 Cultural Resources

Summary of Effects of Proposed Change

The micrositing adjustment for the SFEC-OCS route is located within the area that was surveyed and reviewed within the Construction and Operations Plan. The analysis from the FEIS is still applicable for the proposed change because the adverse effects to ASLF remains unchanged from previous assessments. The Qualified Marine Archaeologist for the Project evaluated the micrositing adjustment and determined that the modified SFEC-OCS route does not adversely affect any of the previously avoided ancient, submerged landform features (ASLFs), shipwrecks, or potential shipwrecks. The summary description of the interpreted resources and adverse effects to ASLF remains unchanged from previous assessments. Additional information is provided in Attachment C.

FEIS Chapter 3 Evaluation

The potential impacts to cultural resources were described in the ROD Table 1 and in the FEIS Table 2.3.1-1 and Appendix H.

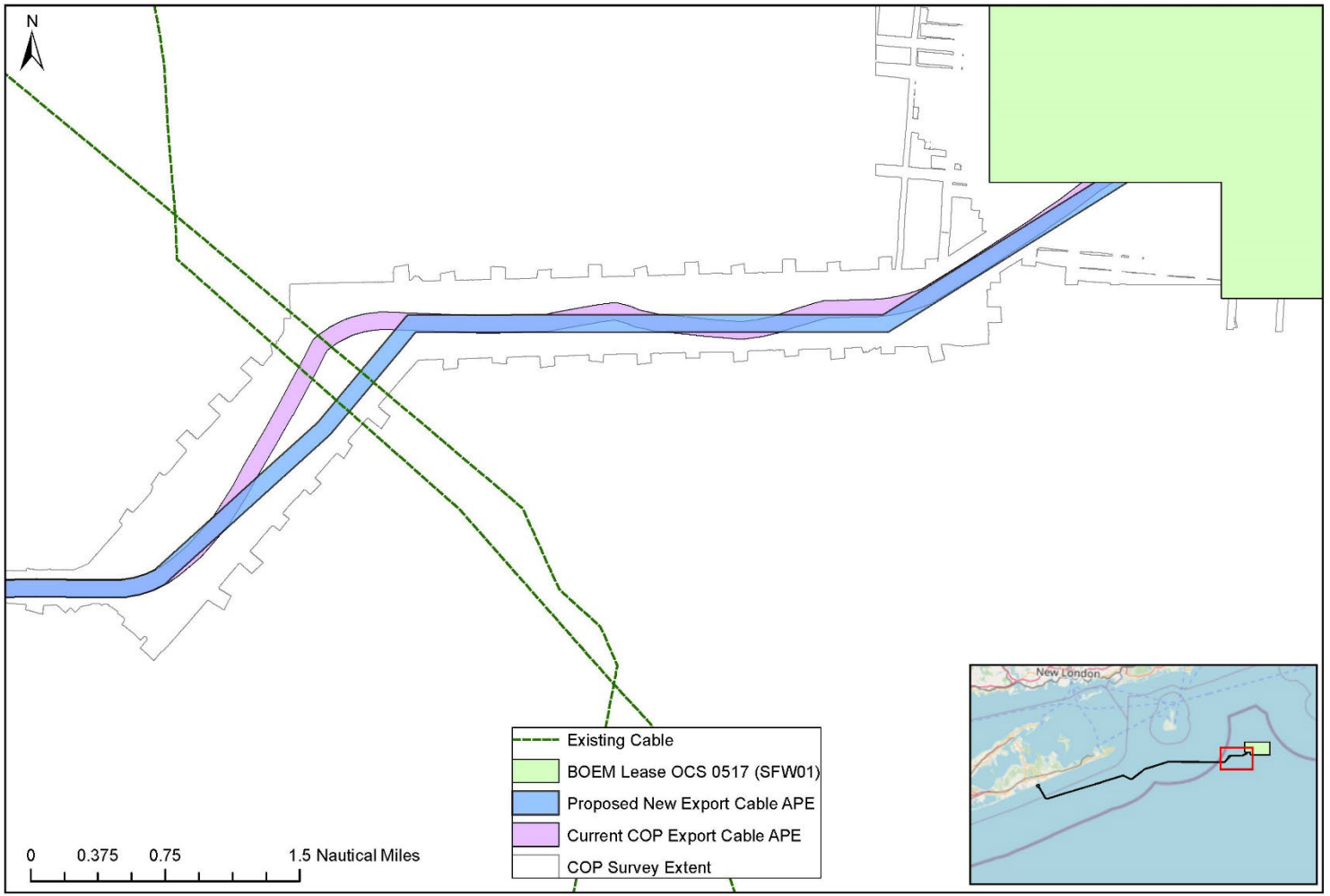
Table 1 of the ROD and Table 2.3.1-1 of the FEIS indicated "Negligible to major adverse impacts to marine and terrestrial archaeological resources and to historic visual resources from Project construction and installation, O&M, and conceptual decommissioning activities."

Section 106 Evaluation

The microsited SFEC-OCS route does not adversely affect any of the previously avoided ASLF, shipwrecks, or potential shipwrecks.

Because the micrositing adjustment for the SFEC-OCS route is not within the original APE identified for the Project, SFW is notifying BOEM of this proposed change consistent with Stipulation V of the Section 106 MOA and providing BOEM with information concerning the proposed modifications. While the micrositing adjustment is outside the APE originally identified for the Project, the use this area should not change the findings of effect in the Section 106 MOA, as there are no adverse effects to historic properties. The MOA includes a stipulation related to Post-Review Discoveries, which would be applicable for the cable installation.

Attachment A: Project Location Figure


N
Existing Cable
BOEM Lease OCS 0517 (SFW01)
Proposed New Export Cable APE
Current COP Export Cable APE
COP Survey Extent
0
0.375
0.75
1.5 Nautical Miles
New London

Attachment B: Coordinates for Amendment to SFEC-OCS Easement

(Confidential)

Attachment C: Marine Archaeological Resources Assessment Addendum Memorandum (Confidential)

Attachment 2

Project Modification Summary
SFEC-OCS Micrositing Adjustment
Supplemental Information
Submitted to BOEM on May 11, 2022

South Fork Wind | Powered by Ørsted & Eversource

South Fork Wind Farm Project
Project Modification Summary: SFEC-OCS Micrositing Adjustment
Supplemental Information
May 11, 2022

Information Request from BOEM: On April 21, 2022, BOEM requested that South Fork Wind (SFW) provide additional information regarding potential hazards in the vicinity of the proposed export cable route modification (the Microsited Route) which resulted from micrositing the South Fork Export Cable on the outer continental shelf (SFEC-OCS). The Microsited Route is identified as the Proposed New Export Cable APE in Figure 1. The project modification summary for this Microsited Route was provided to BOEM on March 1, 2022. BOEM specifically requested additional information to confirm that previous ground conditions and shallow hazard assessments conducted for the SFEC-OCS remain valid for the Microsited Route.

SFW Response: Two primary documents from the SFW Construction and Operations Plan (COP) are relevant to the assessment of the ground conditions and shallow hazards for both the South Fork Wind Farm (SFWF) and SFEC-OCS (together, the Project):

Appendix H1 Integrated Geophysical and Geotechnical Site Characterization Report and Appendix H2 Geophysical Survey and Shallow Hazards Report.

Together, Appendix H1 and H2 provide a summary of the geotechnical and geophysical data acquired for the Project, an interpretation of the soil conditions anticipated to be encountered during construction of the Project, as well as a summary of the shallow hazards relevant to the Project.

As described in this response, the assessment of the ground conditions and shallow hazards presented in Appendix H1 and H2 are applicable and sufficiently robust to encompass the Microsited Route for the SFEC-OCS. The ground conditions and shallow hazards have been fully considered when evaluating the Microsited Route.

[redacted]