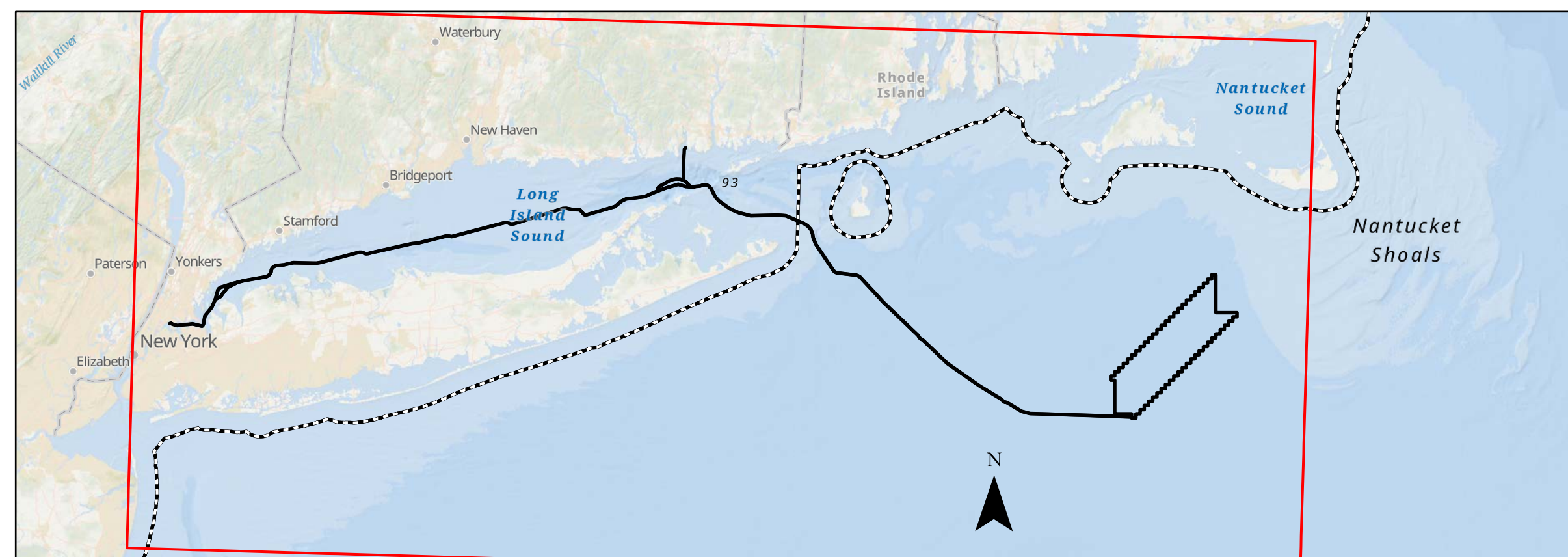
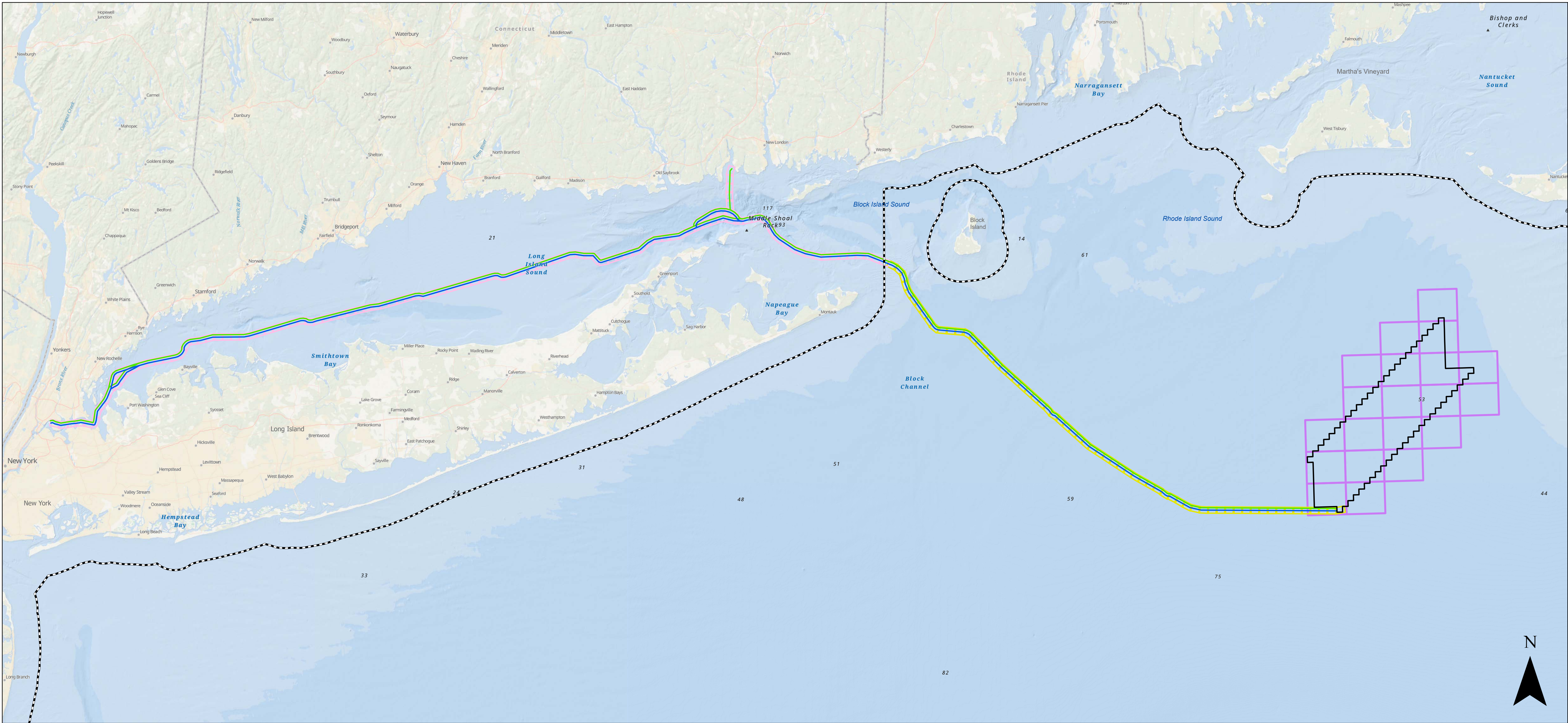




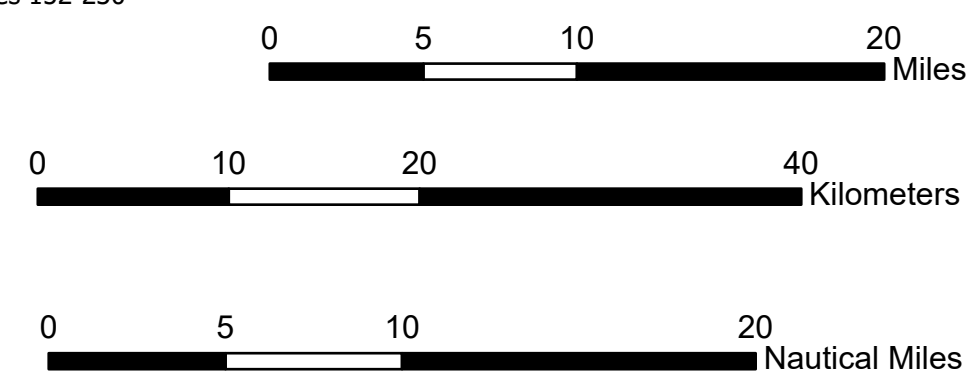
APPENDIX S

BENTHIC RESOURCES MAPBOOKS



Legend

- State Waters Boundary
- ▭ Lease Area
- BW1 Submarine Export Cable Route v13
- BW2 Submarine Export Cable Route v13
- ▭ Submarine Export Cable Route State Waters Map Book Tiles 1-151
- ▭ Submarine Export Cable Route Federal Waters Map Book Tiles 152-230
- ▭ Lease Area Map Book Tiles 231-250



Project Nr.: 60618498
Date: 5/22/2023 Prepared By: AECOM

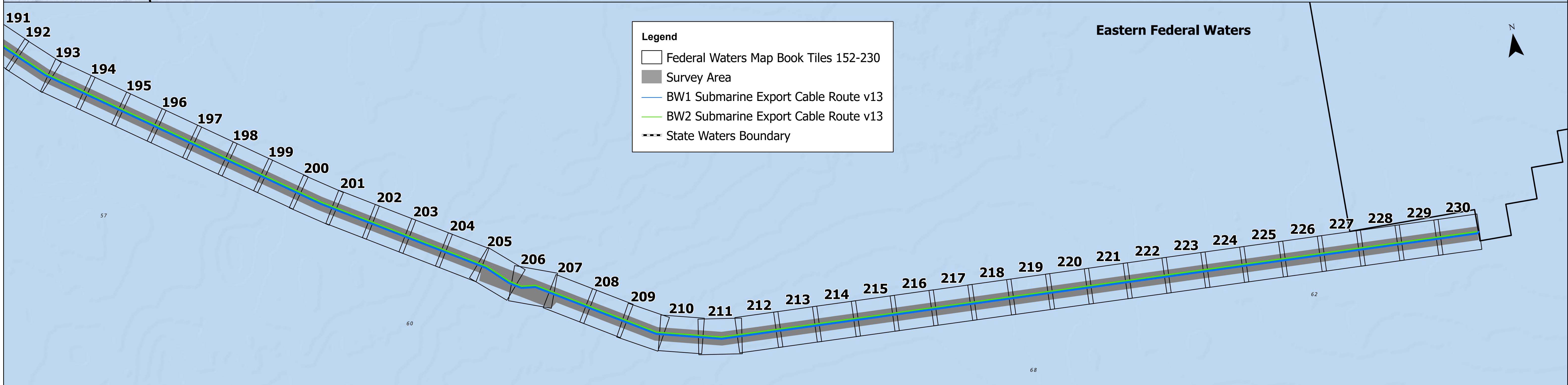
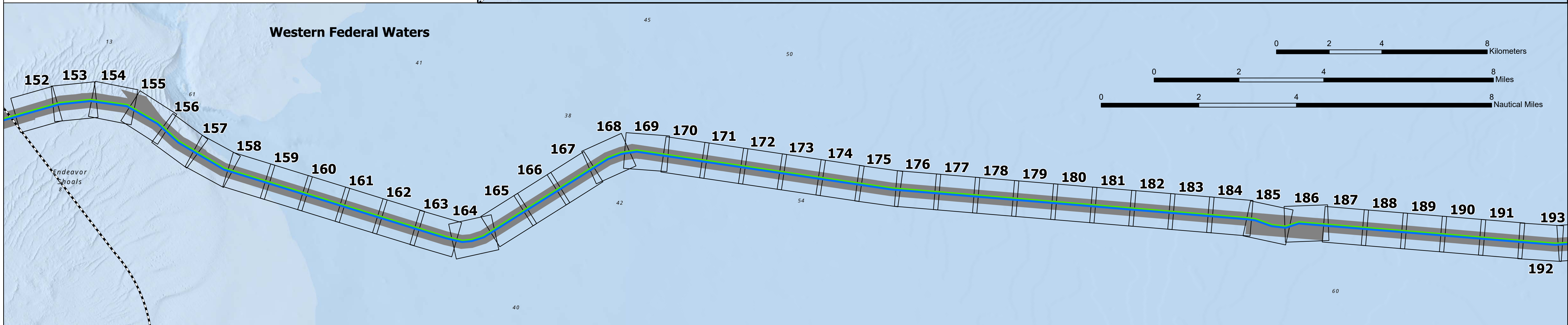
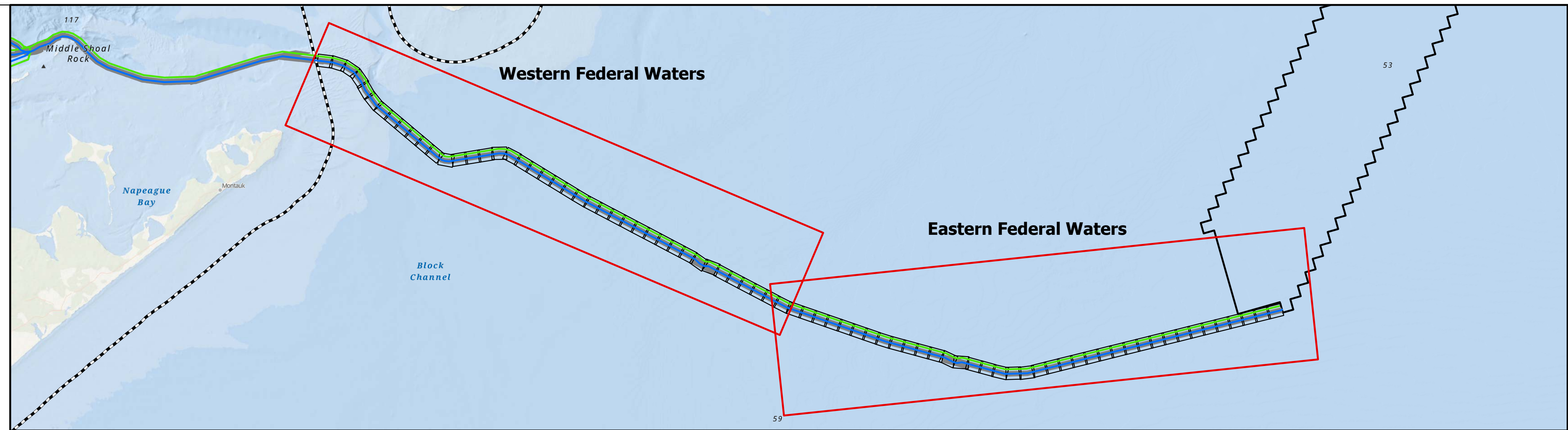
Beacon Wind Lease Area OCS-A 0520

Submarine Export Cable Routes & Lease Area Overview of Map Books

Beacon Wind Lease Area OCS-A 0520

Submarine Export Cable Routes Federal Waters Map Book Overview

Project Nr.: 60618498
Prepared By: AECOM Date: 2/23/2023



Legend Cover Page

Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

KPs

- BW1 KPs
- ▣ BW1 and BW2 KPs
- BW2 KPs

Export Cable Route

- BW1 Submarine Export Cable Route (v13)
- BW1 Submarine Export Cable Route - Variant (v13)
- BW2 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route - Variant (v13)

Station Type

- ⊕ Grab and Video
- ◆ SPI/PV
- ★ Video

Benthic Feature

- Megaripples
- Sand Ripples
- Waves
- Subsea Structure

Interpreted Seabed Sediment/NMFS Habitat Characterization

- Mud and Sandy Mud/Soft Bottom Habitat
- Sand and Muddy Sand/Soft Bottom Habitat
- Mixed Sediment/Complex Habitat
- Till/Complex Habitat
- Gravel/Complex Habitat
- Submerged Aquatic Vegetation/Complex Habitat
- Numerous Boulders/Large Grained Complex Habitat
- Occasional Boulders/Large Grained Complex Habitat
- Heterogeneous Complex Habitat

CMECS Biotic

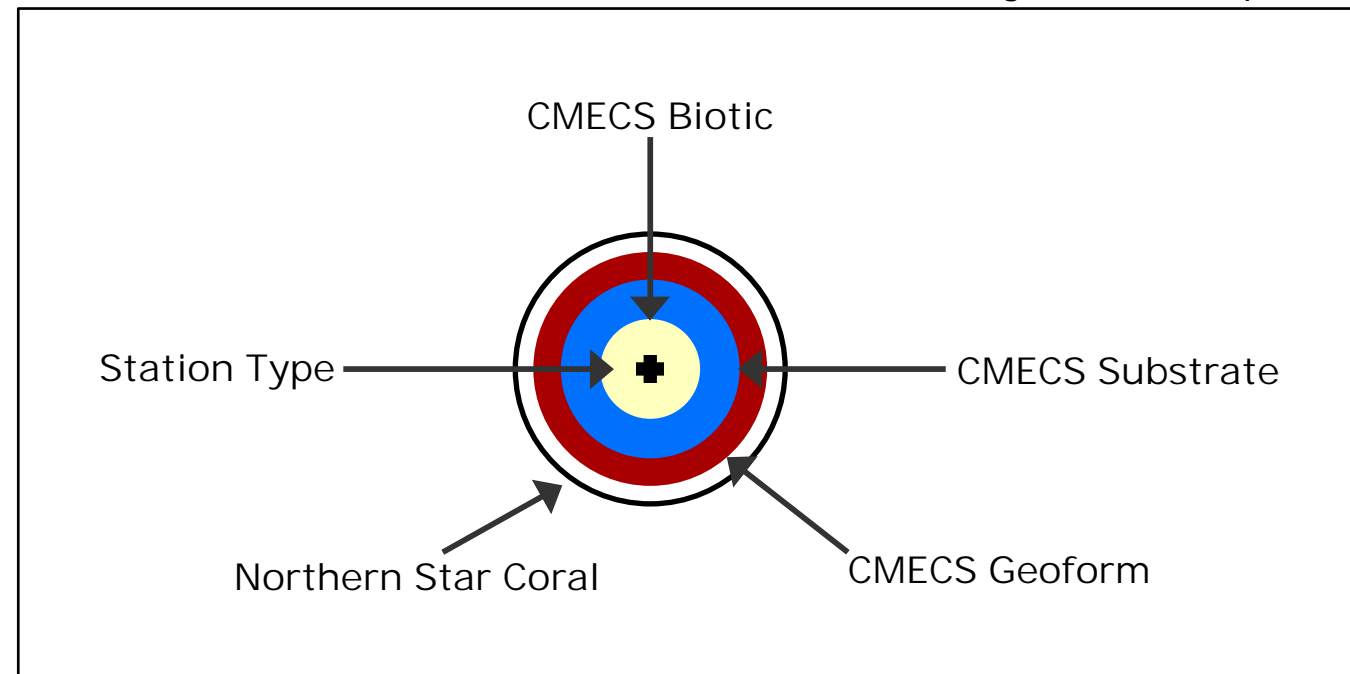
- Attached Fauna
- Crepidula spp. Beds
- Faunal Bed
- Large Macrofauna
- Sand Dollar Bed
- Soft Sediment Fauna
- Starfish Bed
- Inferred Fauna

CMECS Substrate

- Coarse/Very Coarse Sand
- Fine/Very Fine Sand
- Gravel Mix
- Gravelly Mud
- Gravelly Muddy Sand
- Gravelly Sand
- Medium Sand
- Mud
- Muddy Gravel
- Muddy Sand
- Muddy Sandy Gravel
- Pebble/Granule
- SPI - Sandy Mud
- Sandy Gravel
- Sandy Mud
- Shell Hash
- Shell Rubble/Hash
- Very Coarse/Coarse Sand

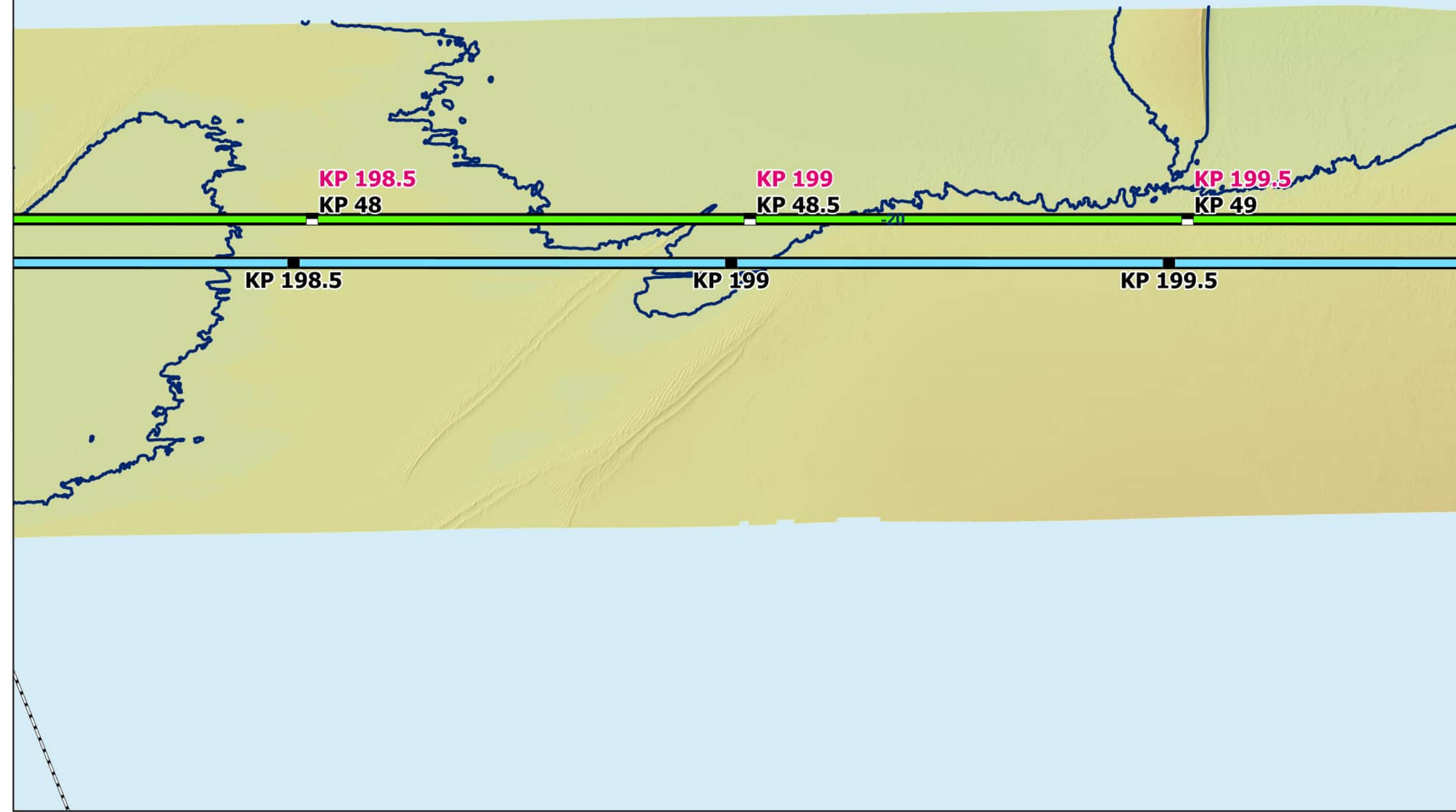
CMECS Geoform

- Boulder Field
- Burrows/Bioturbation
- Flat
- Northern Star Coral



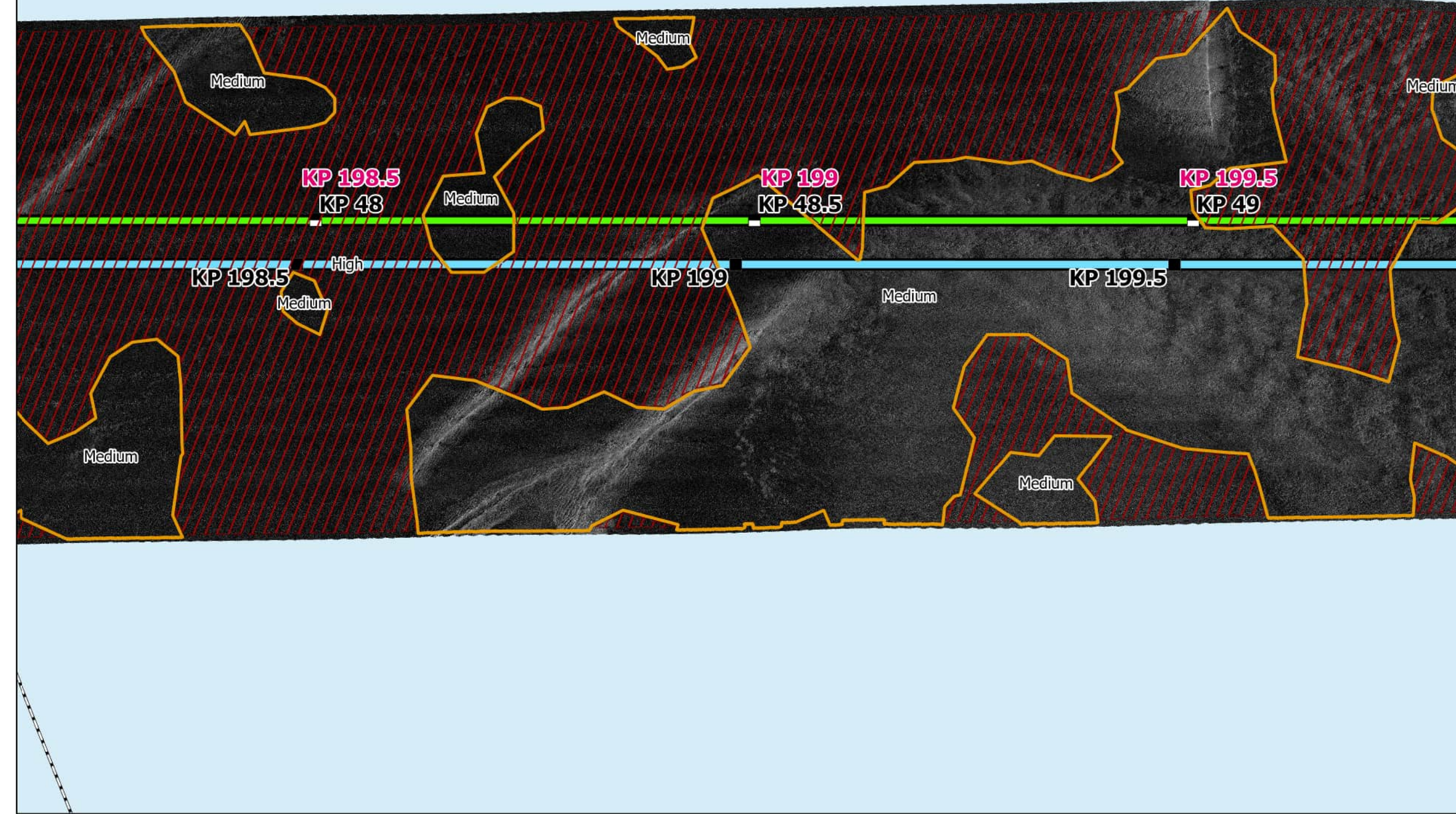
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



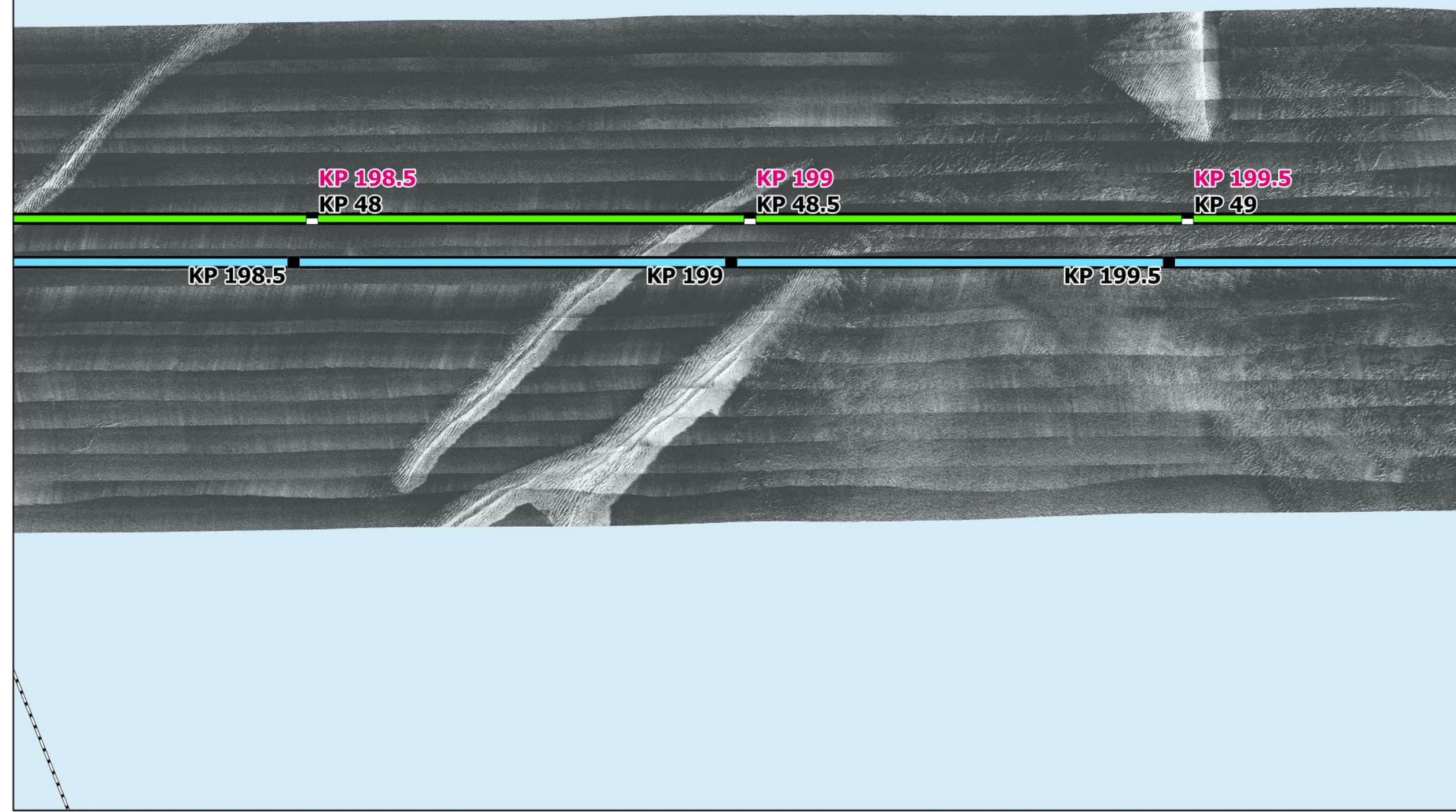
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



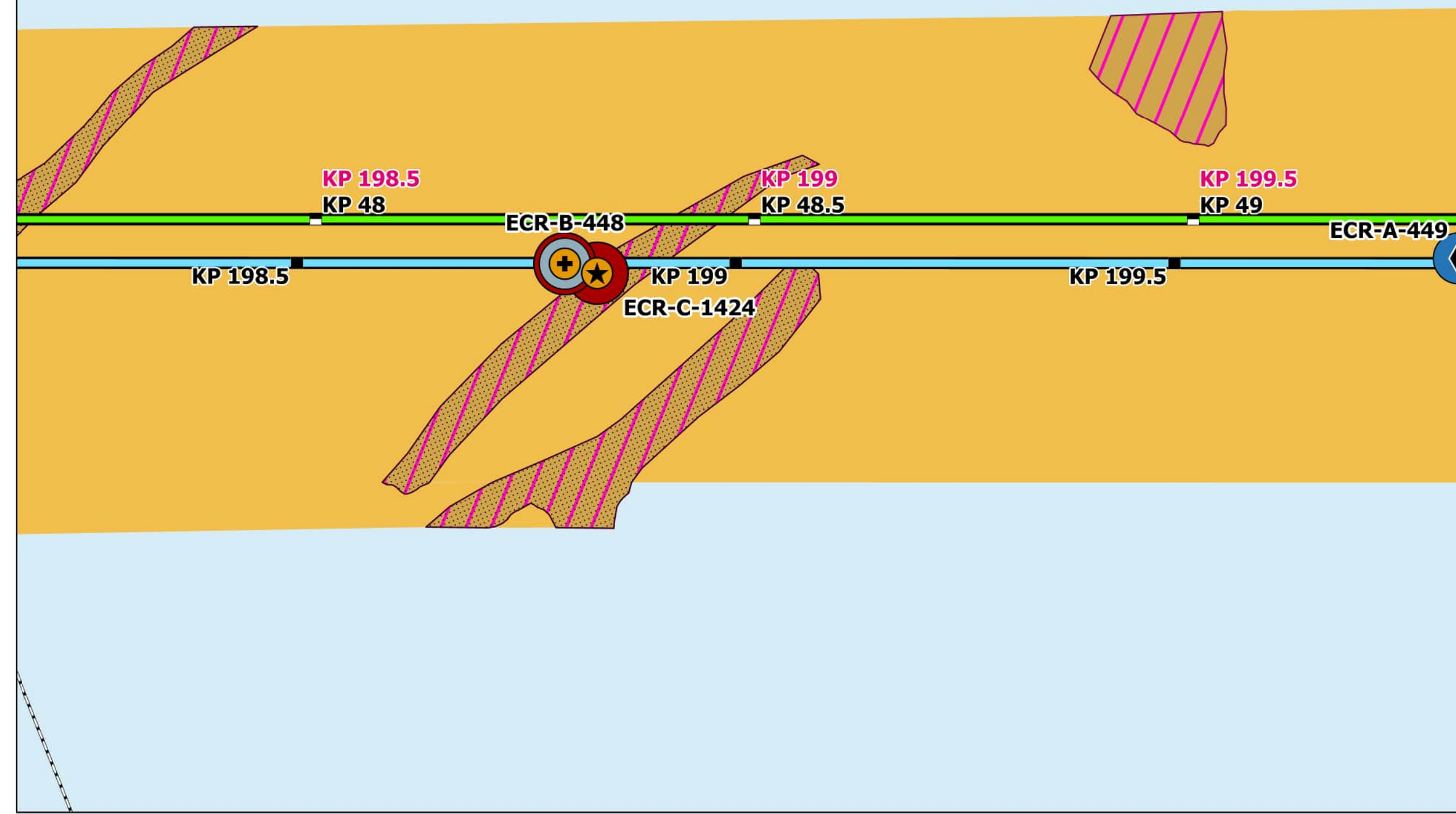
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

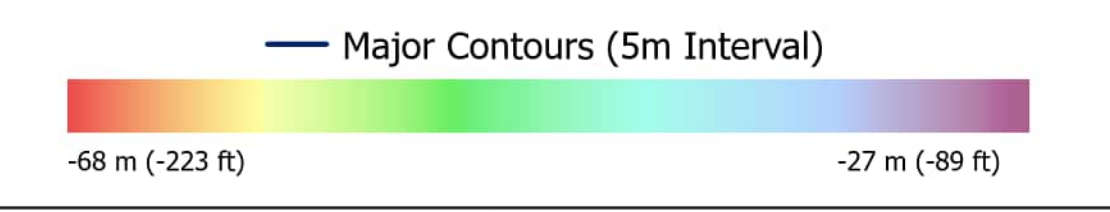


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



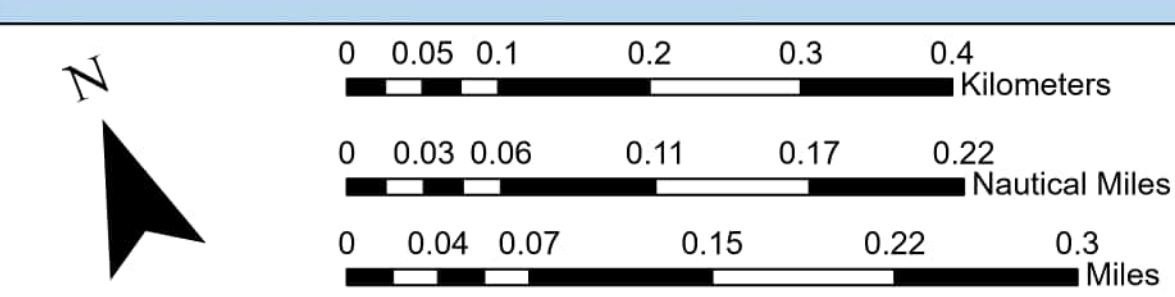
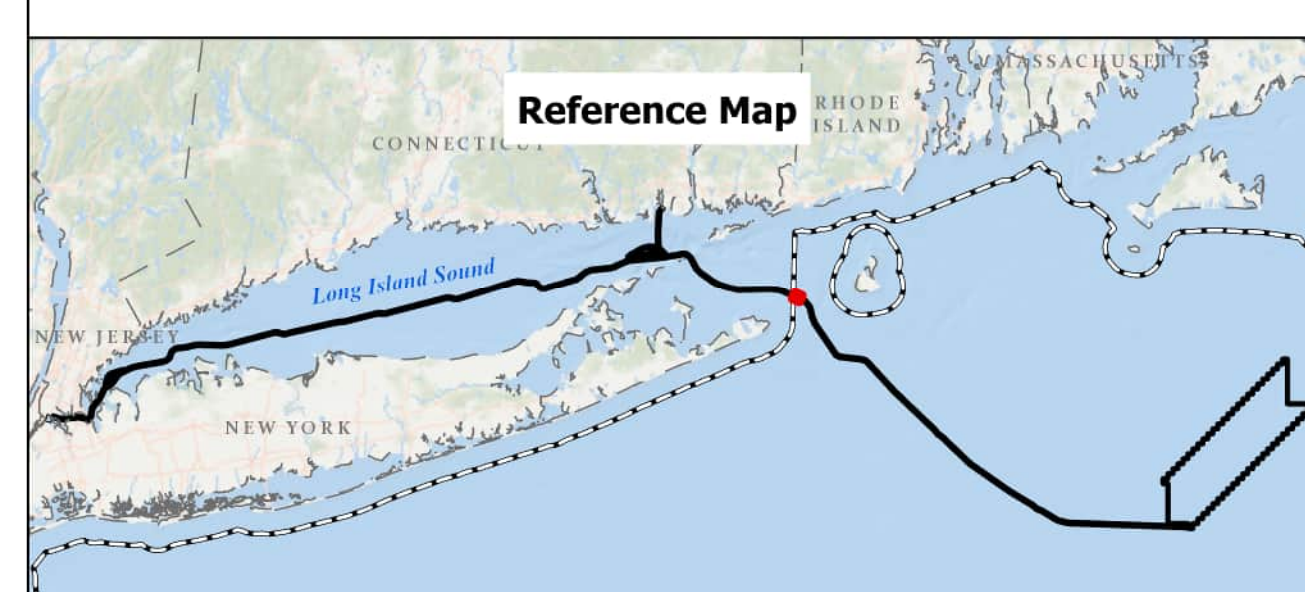
Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
 - ★ Video
 - CMECS Classification**
 - Crepidula spp. Beds
 - Gravelly Sand
 - Crepidula Reef Substrate
 - Mixed Sediment/Complex Habitat
 - Flat
 - CMECS Biotic**
 - Sand Ripples
 - Waves
 - CMECS Substrate**
 - Sand and Muddy Sand/Soft Bottom Habitat
 - Benthic Features**
 - Sand Ripples
 - Waves
 - Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Sand and Muddy Sand/Soft Bottom Habitat
- Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



BEACON WIND LEASE AREA OCS-A 0520

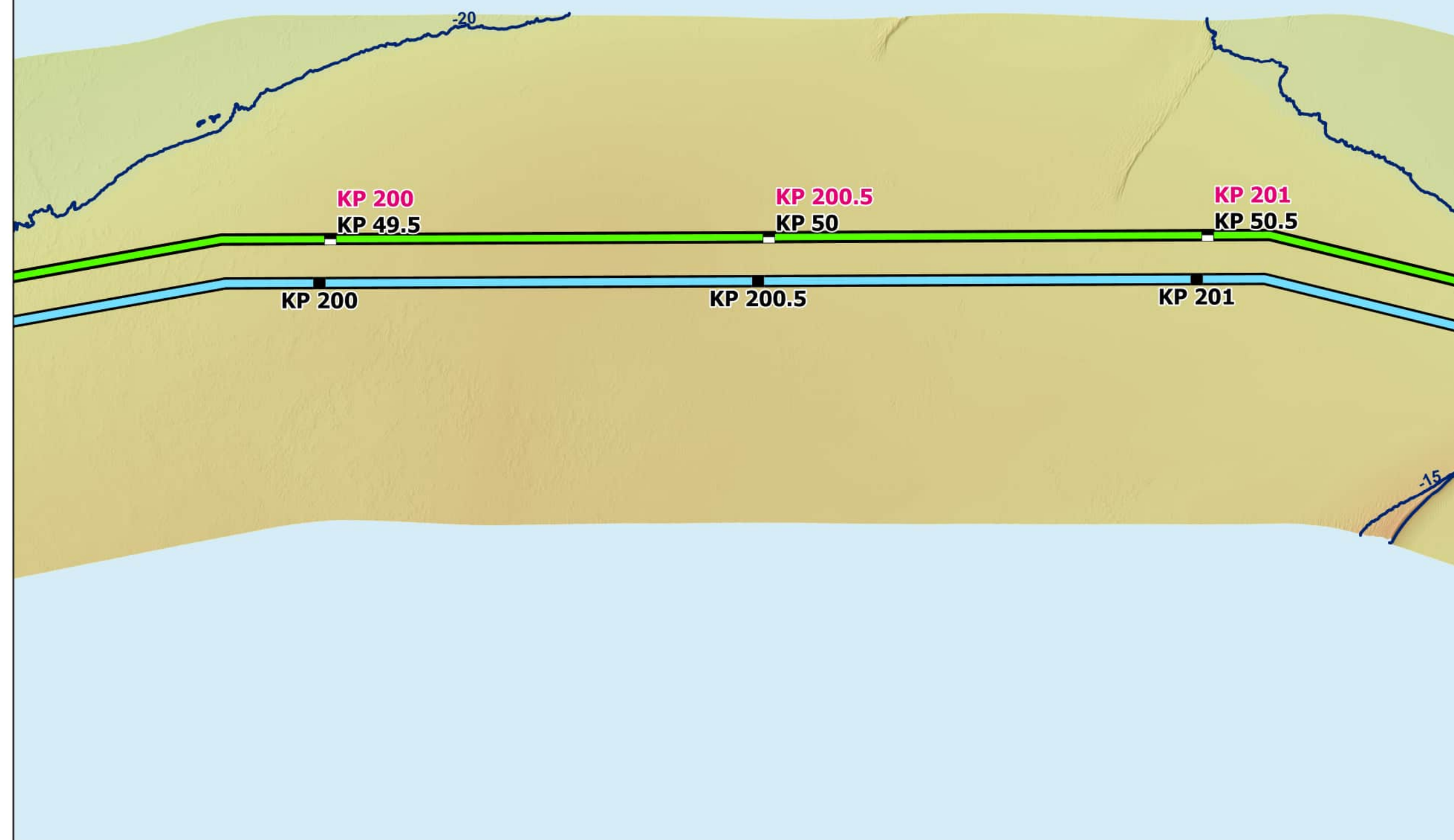
Map Book Package for Submarine Export Cable Route in Federal Waters

Tile 152

BW1 (NY) - KP 198.5 - KP 199.5
BW2 (NY) - KP 198.5 - KP 199.5
BW2 (CT) - KP 48 - KP 49

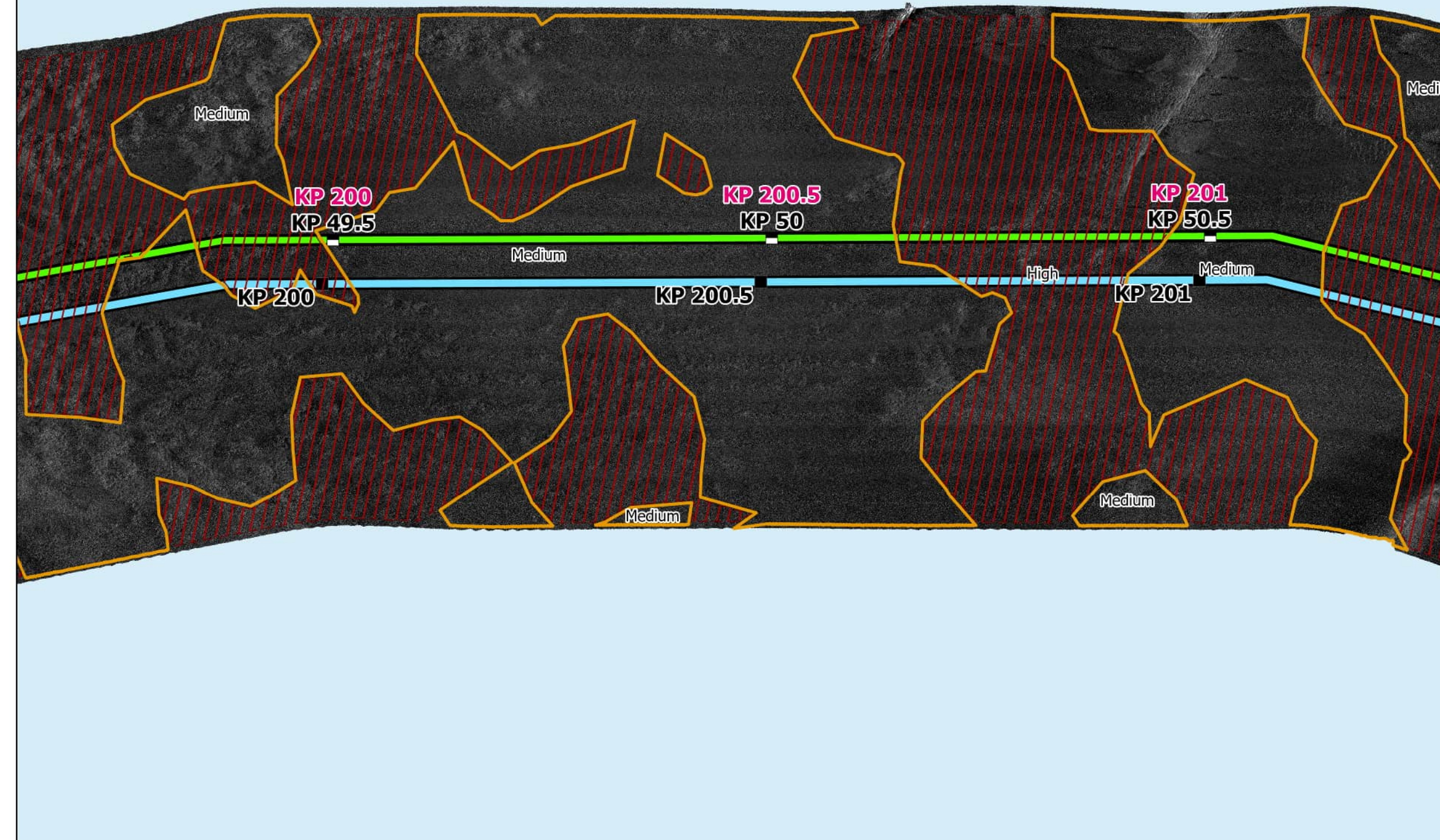
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



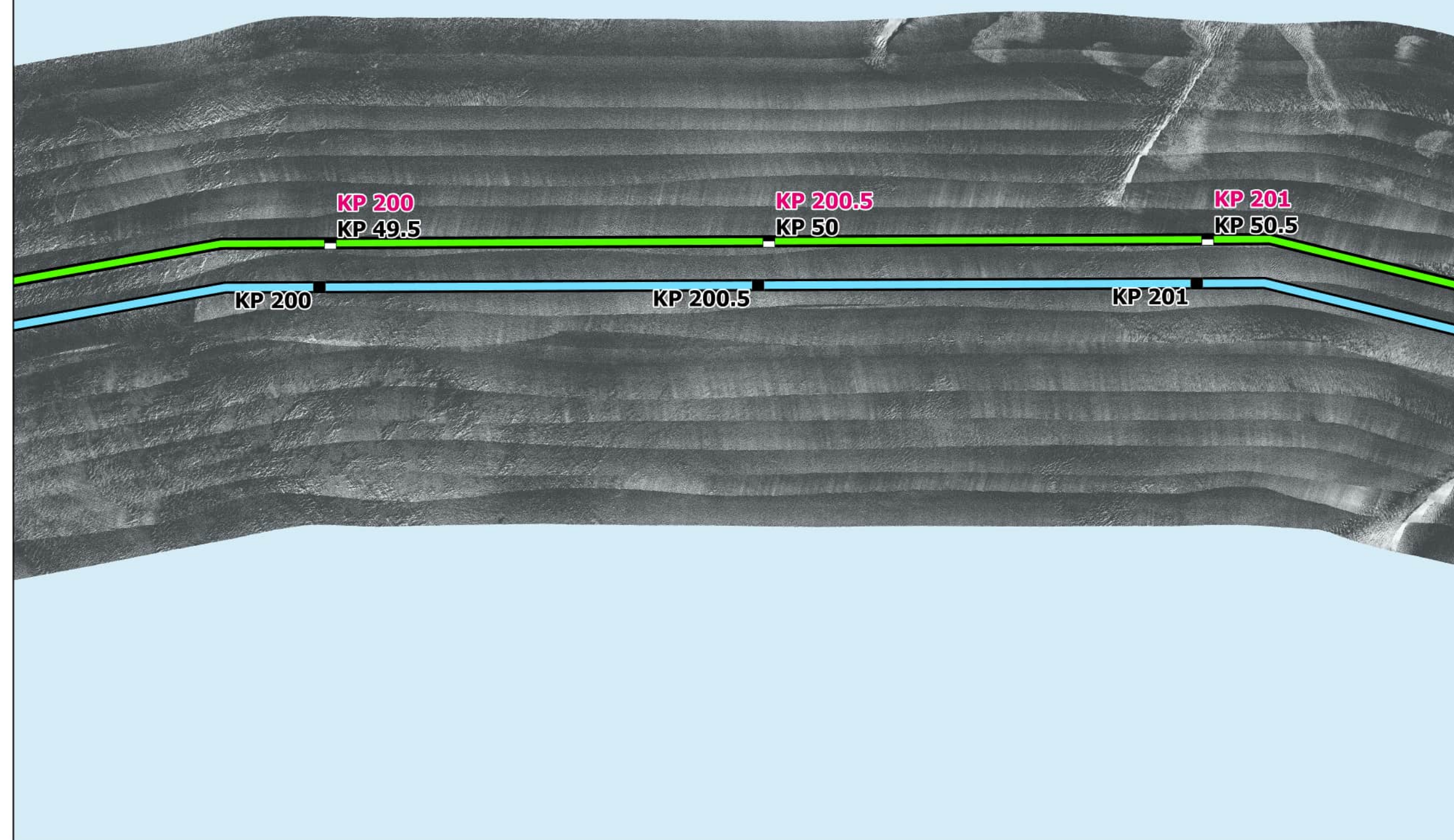
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



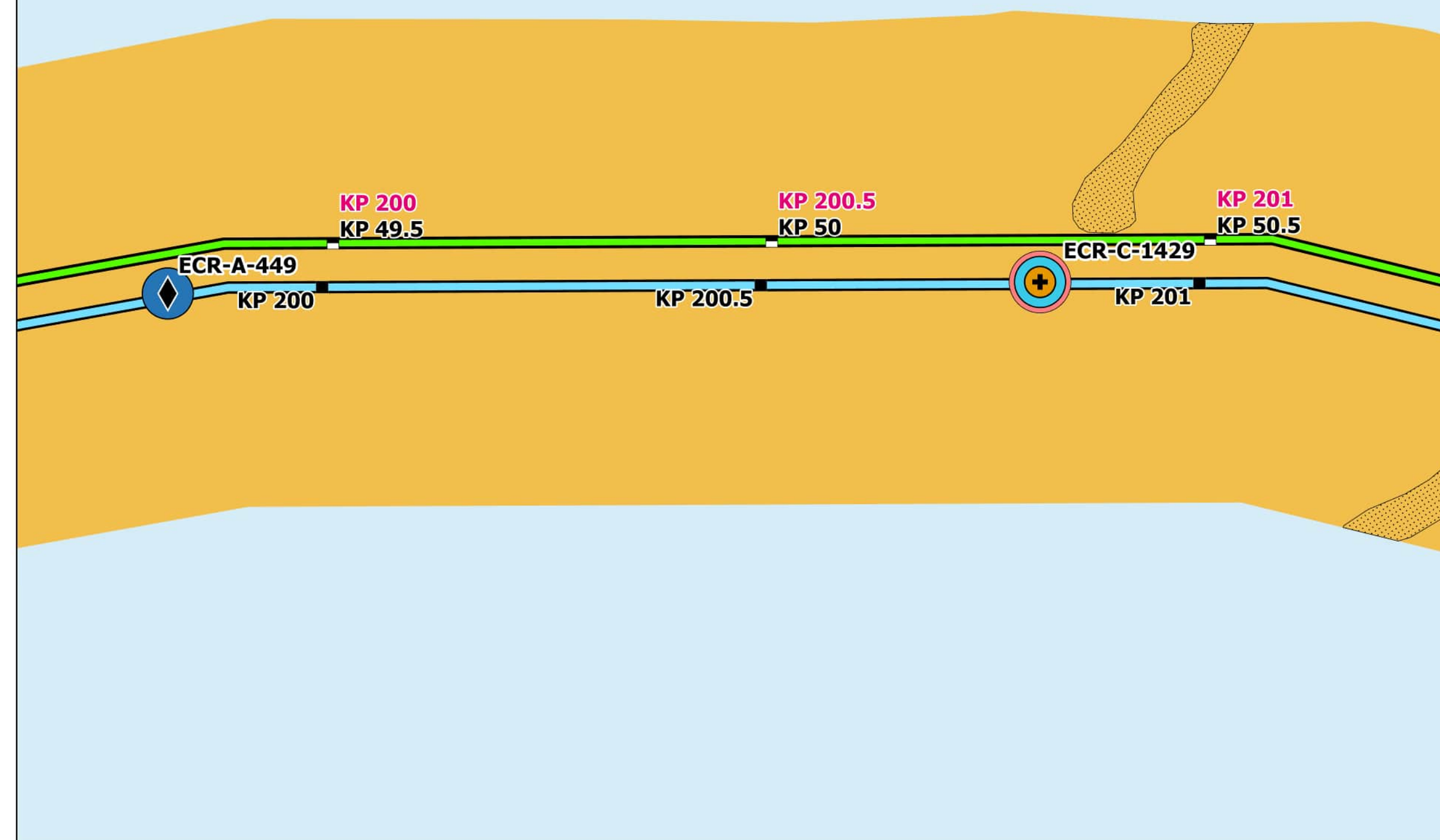
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

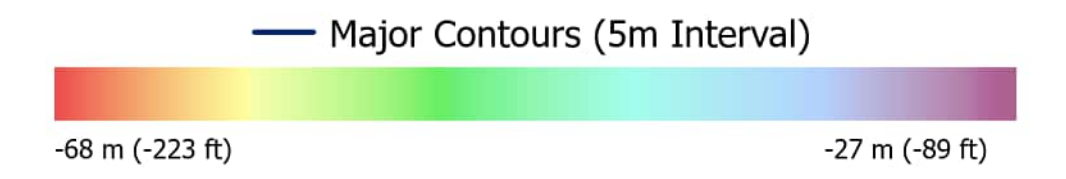


Map Book Package for Submarine Export Cable Route in Federal Waters



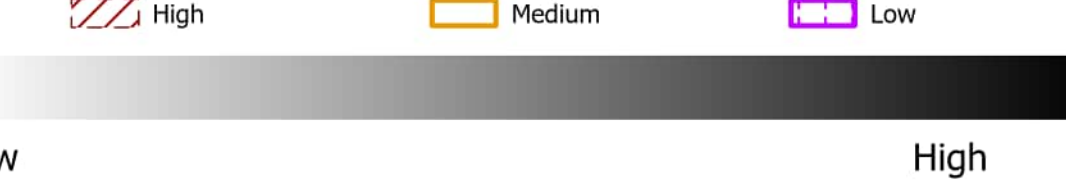
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



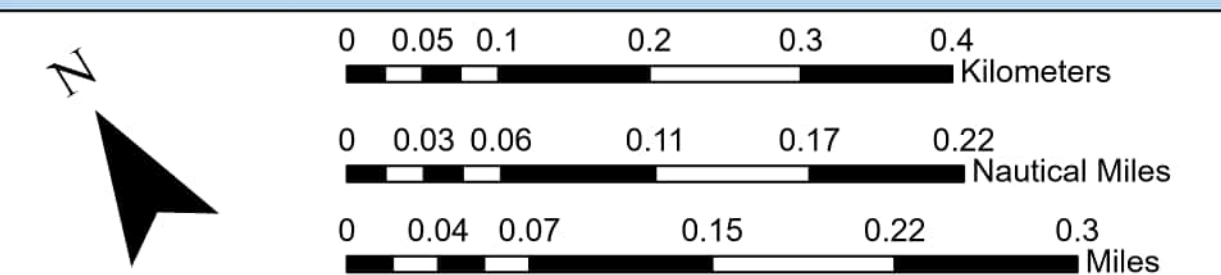
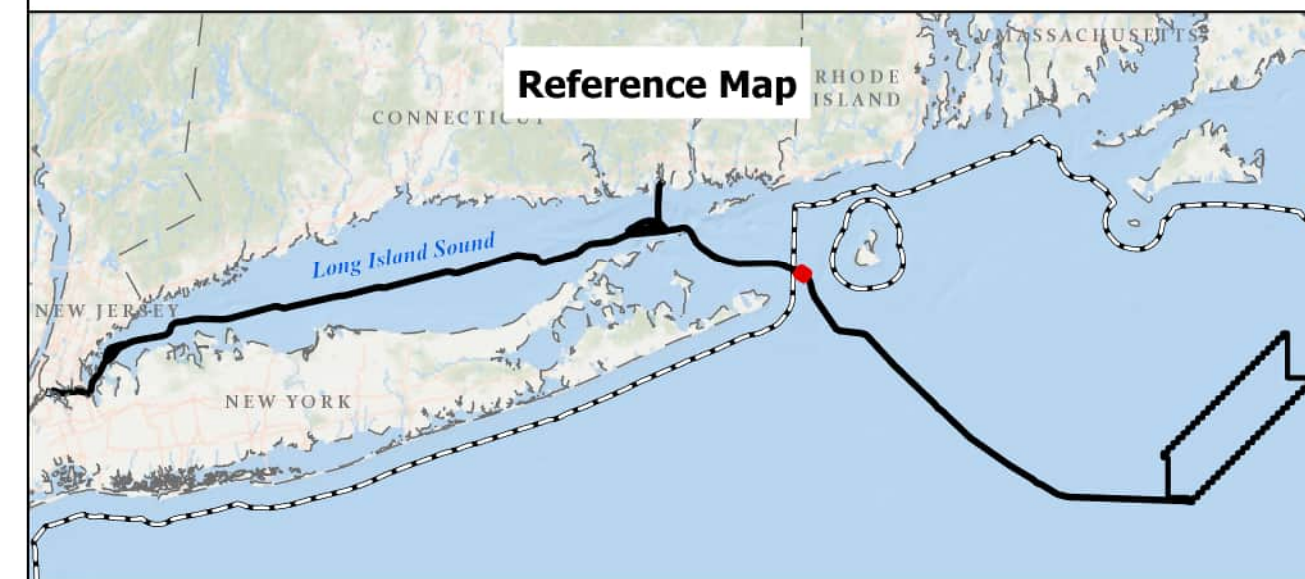
Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
 - CMECS Classification**
 - Crepidula spp. Beds
 - Gravelly Muddy Sand
 - CMECS Biotic**
 - Crepidula Reef Substrate
 - CMECS Geoform
 - Burrows/Bioturbation
 - Benthic Features**
 - ▨ Waves
 - Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mixed Sediment/Complex Habitat
- Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



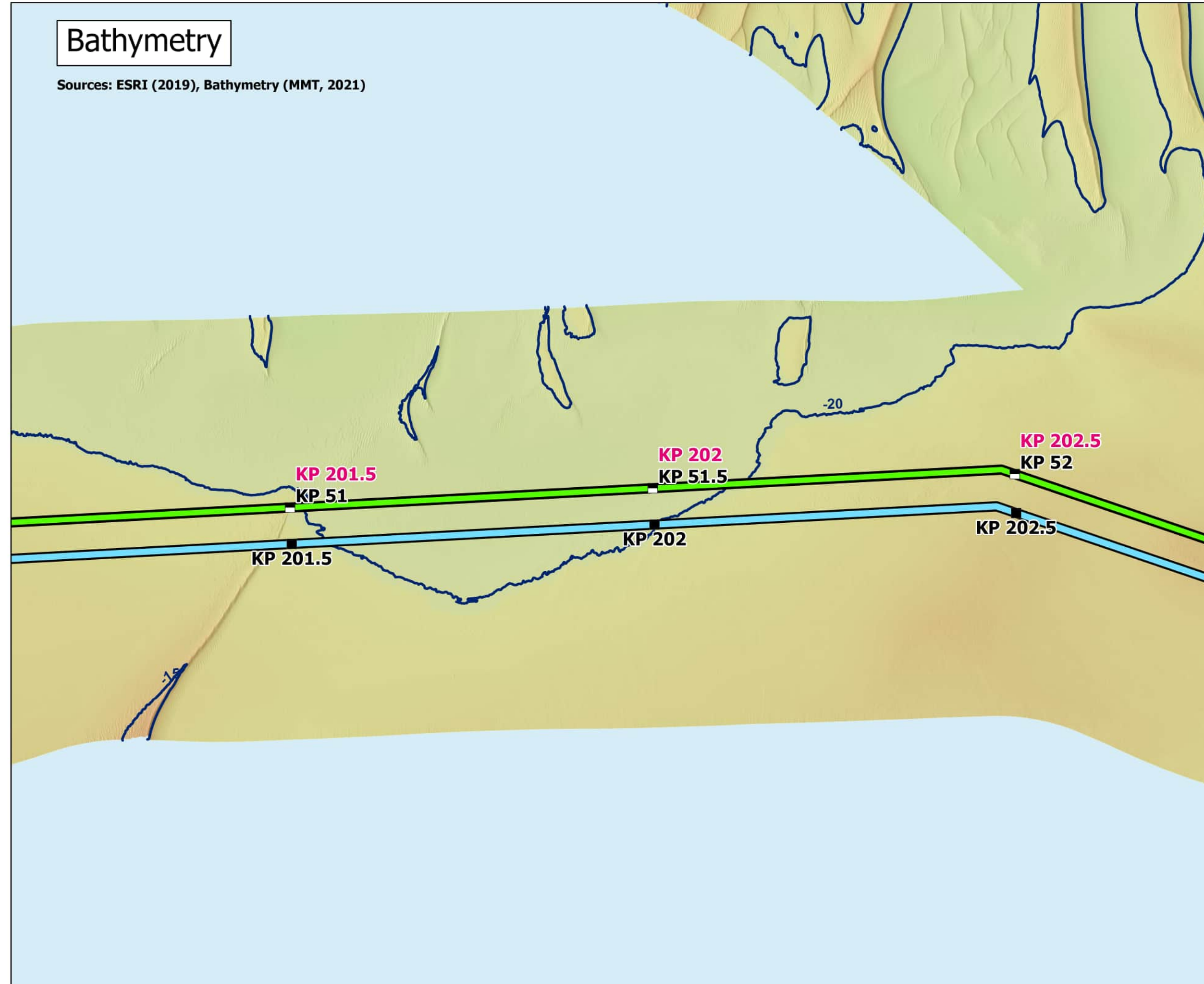
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 153

BW1 (NY) - KP 200 - KP 201
BW2 (NY) - KP 200 - KP 201
BW2 (CT) - KP 49.5 - KP 50.5

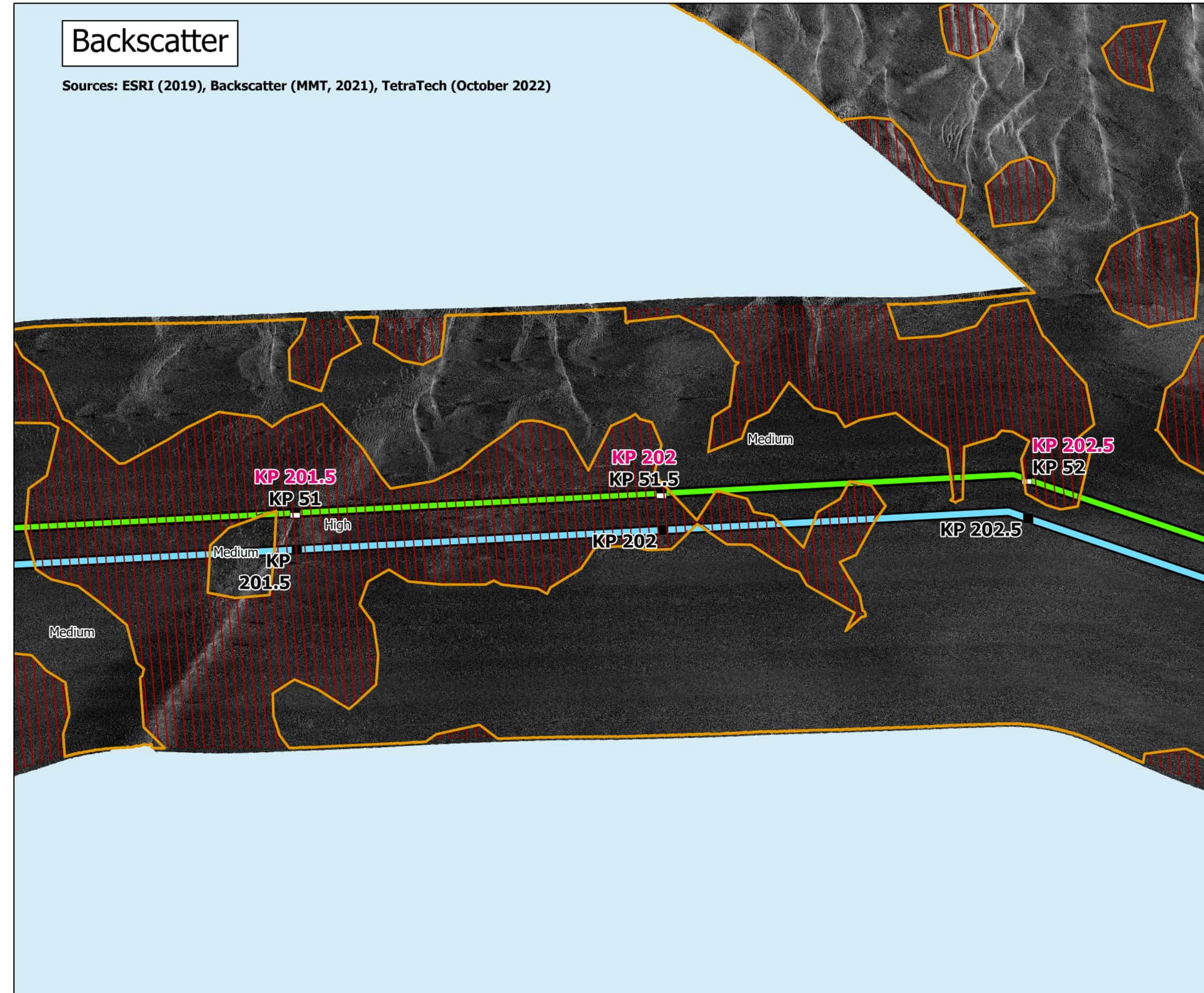
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



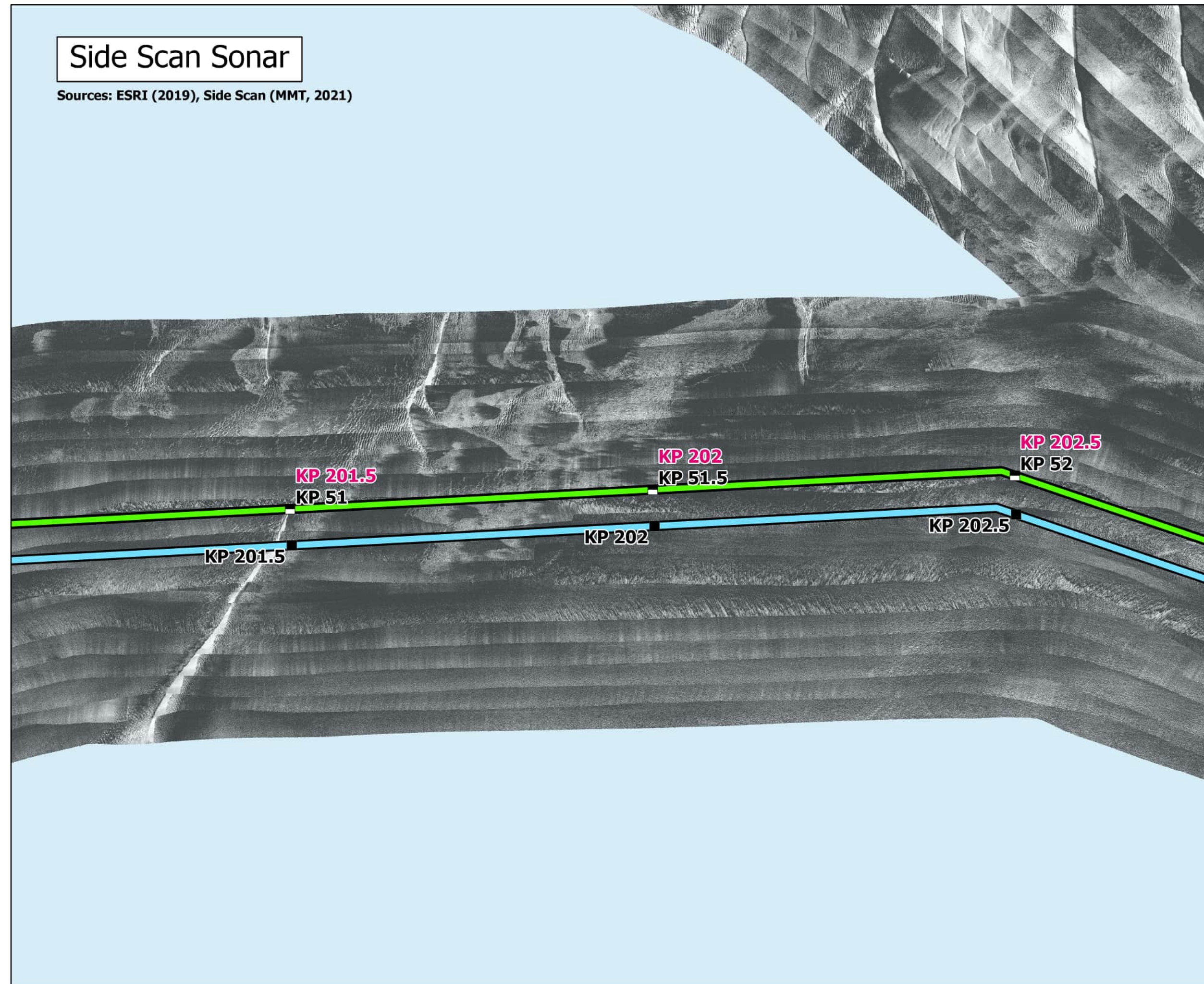
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



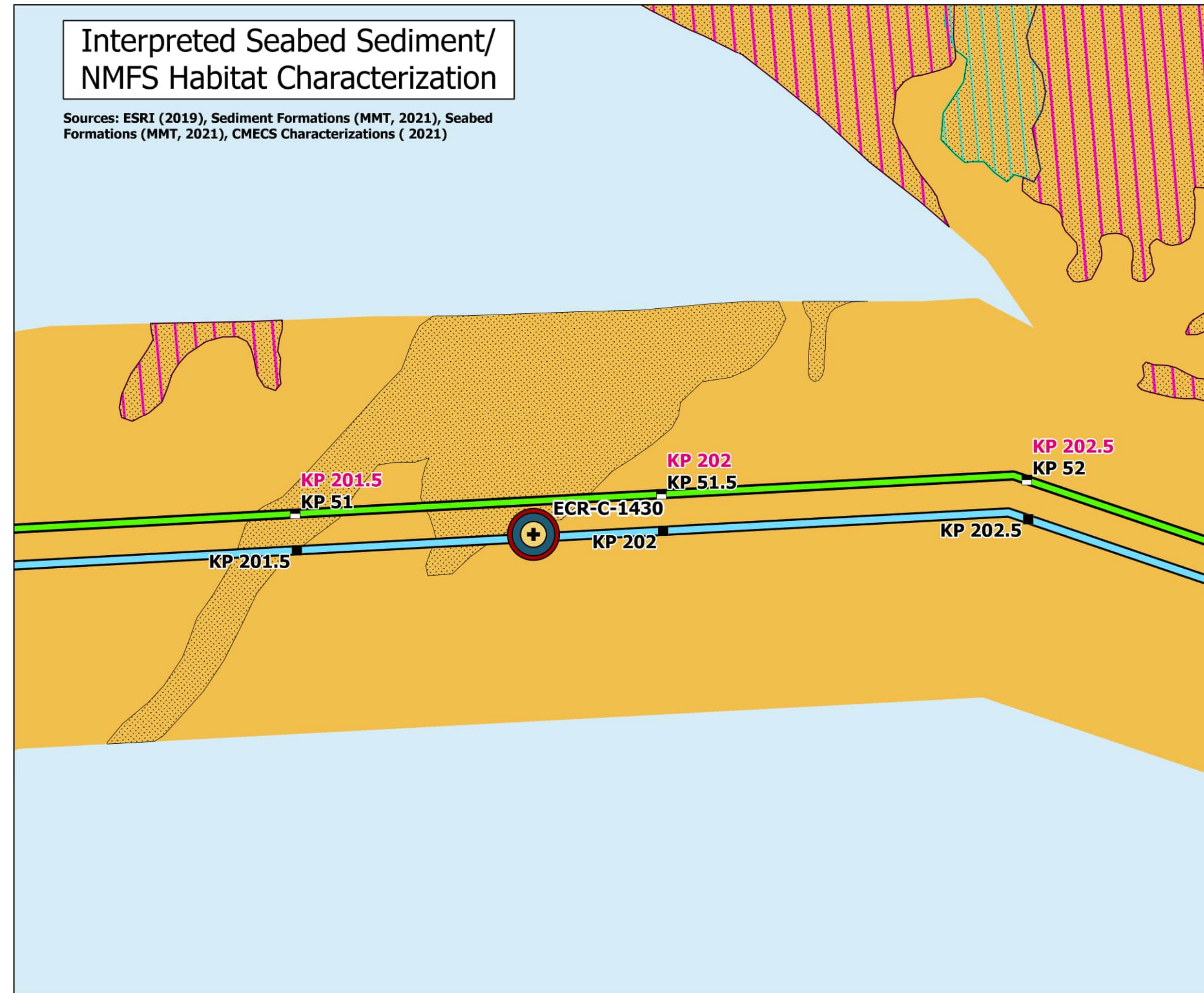
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)

Major Contours (5m Interval)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

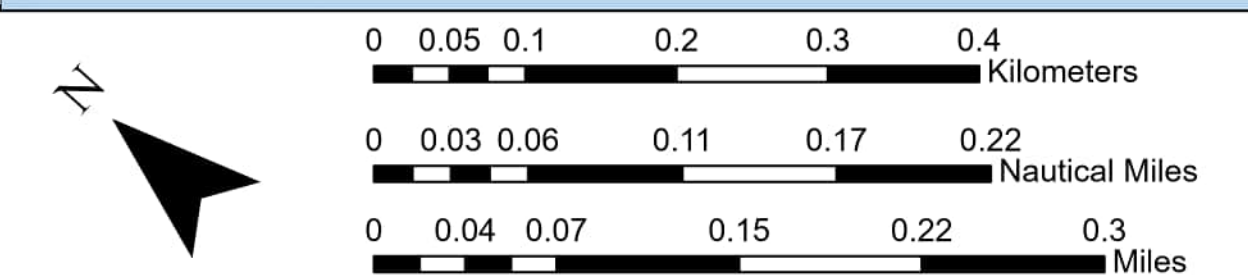
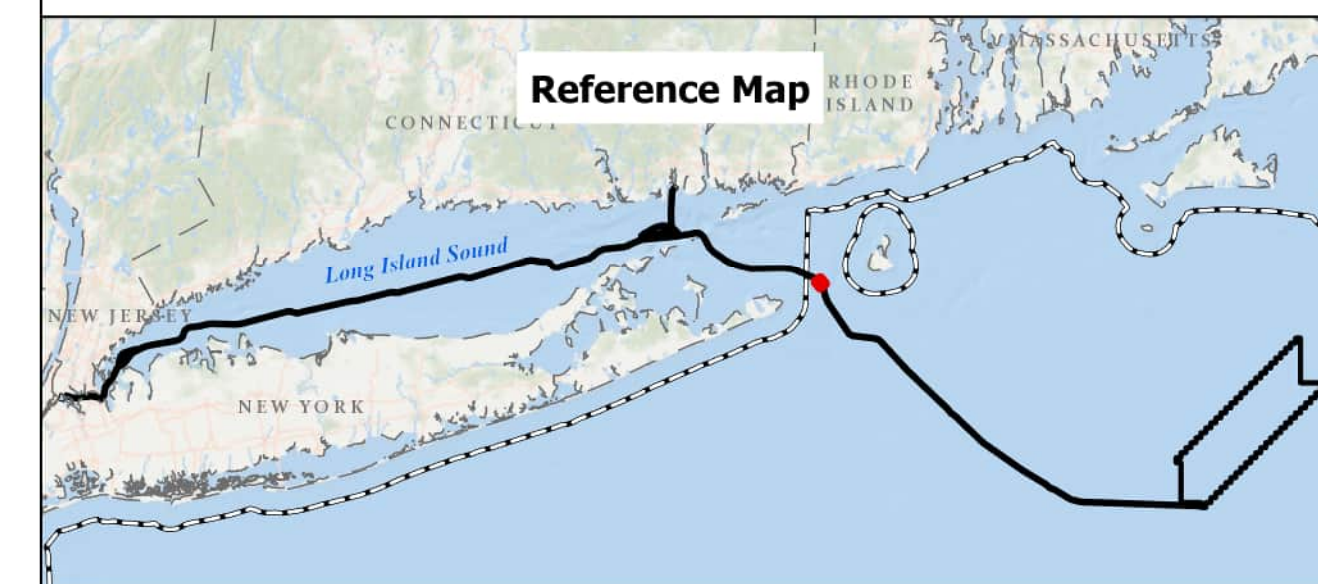
- Station Type**
- ⊕ Grab and Video
- CMECS Classification**
- CMECS Biotic
- Soft Sediment Fauna
- CMECS Substrate**
- Sandy Gravel
- CMECS Geoform**
- Flat
- Northern Star Coral
- Benthic Features**
- ▭ Megaripples
- ▭ Sand Ripples
- ▭ Waves
- Interpreted Seabed Sediment/
NMFS Habitat Characterization**
- ▭ Mixed Sediment/Complex Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

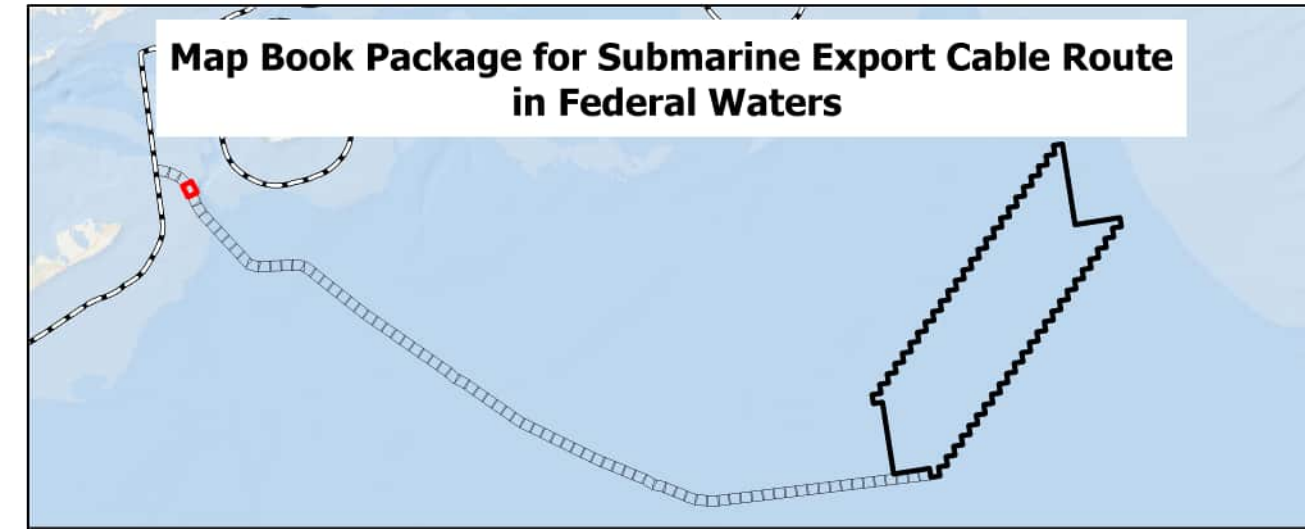
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BEACON WIND LEASE AREA OCS-A 0520

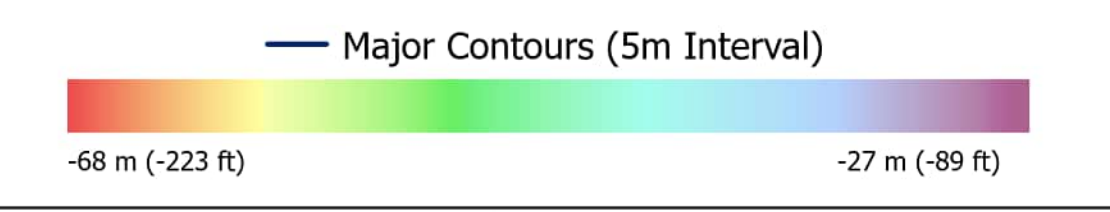
Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 154

BW1 (NY) - KP 201.5 - KP 202.5
BW2 (NY) - KP 201.5 - KP 202.5
BW2 (CT) - KP 51 - KP 52



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



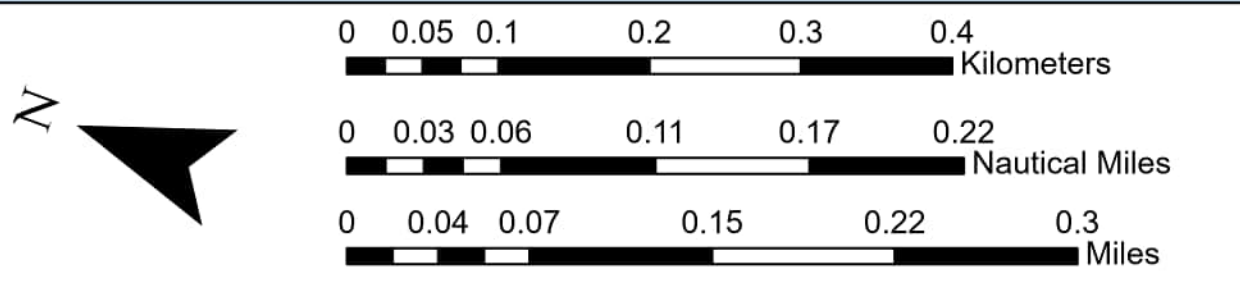
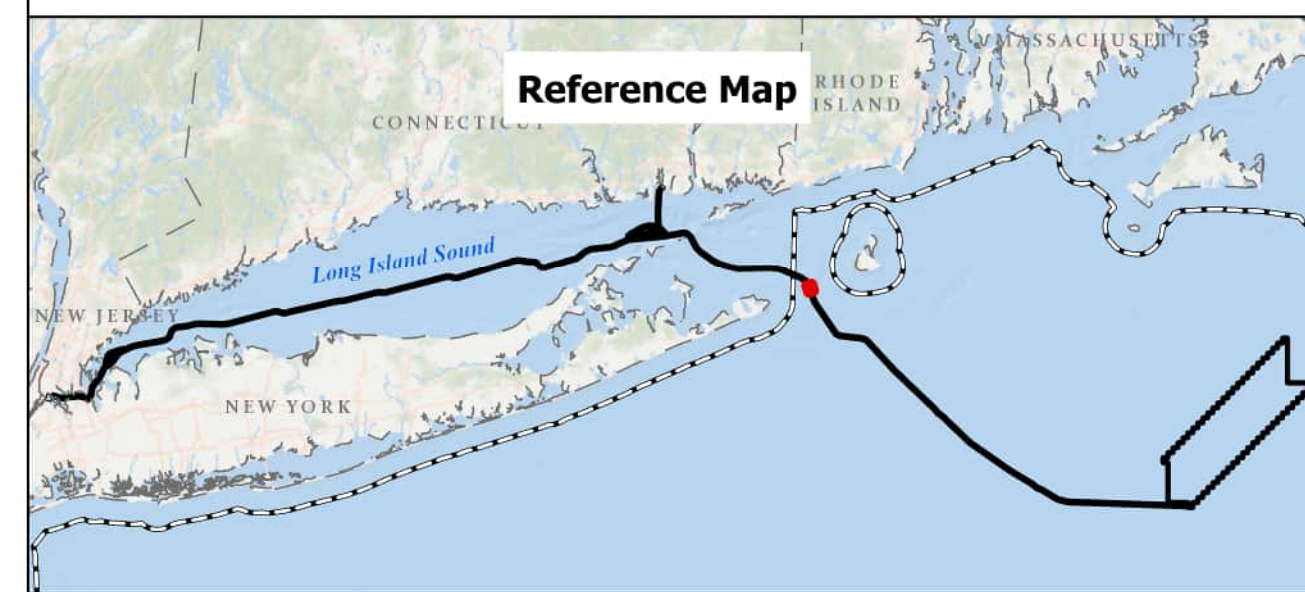
Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | | |
|-----------------------------|-------------------------|--|
| Station Type | CMECS Geoform | Other |
| ✚ Grab and Video | ● Flat | ■ Mixed Sediment/Complex Habitat |
| CMECS Classification | ○ Northern Star Coral | ■ Occasional Boulders/Large Grained Complex Habitat |
| CMECS Biotic | | |
| ● Large Macrofauna | | |
| ● Soft Sediment Fauna | | |
| CMECS Substrate | Benthic Features | Interpreted Seabed Sediment/NMFS Habitat Characterization |
| ● Gravel Mixes | ■ Sand Ripples | ■ Sand and Muddy Sand/Soft Bottom Habitat |
| ● Muddy Sandy Gravel | ■ Waves | |
- Note:
1) Legend only shows items visible in the current map extent.

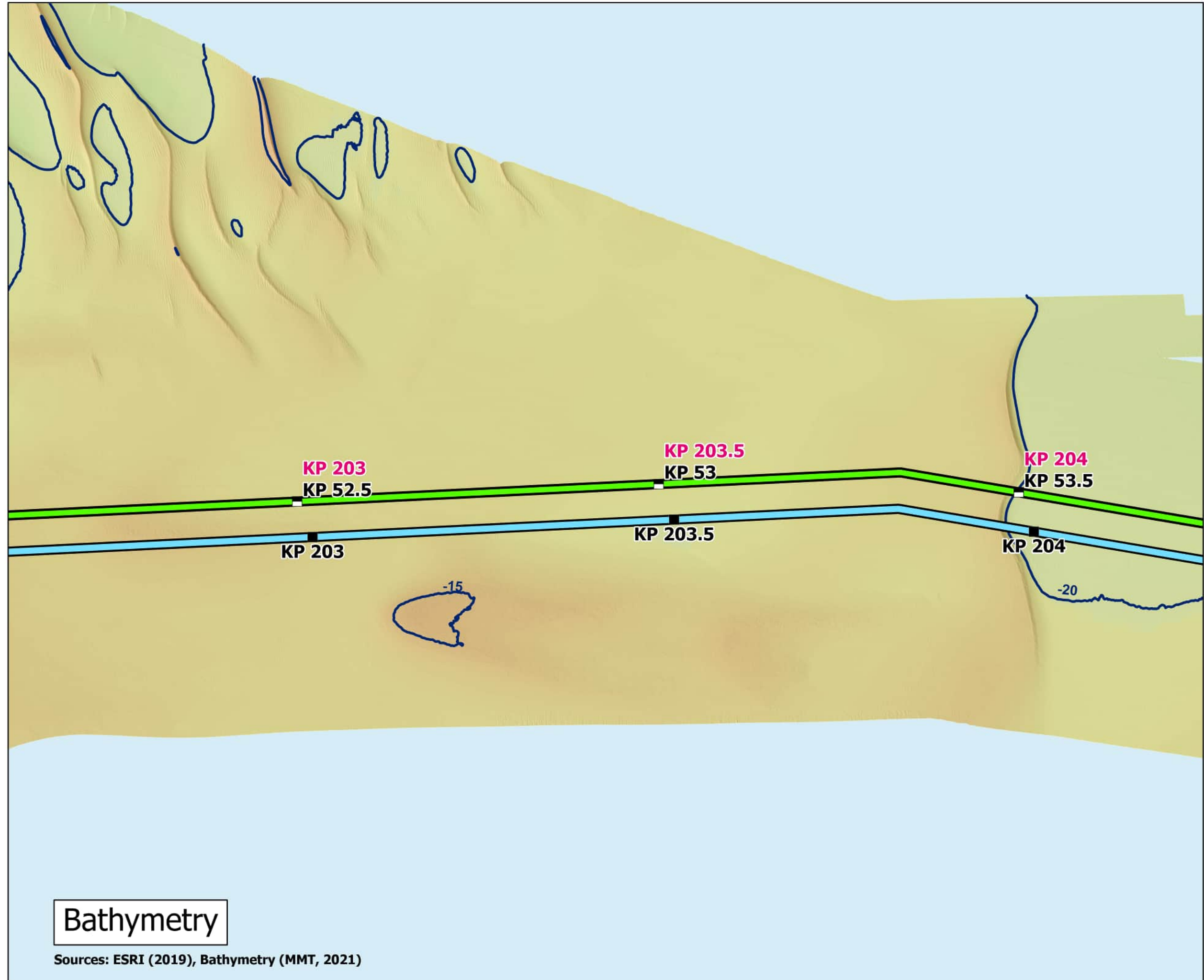
Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 155

BW1 (NY) - KP 203 - KP 204
BW2 (NY) - KP 203 - KP 204
BW2 (CT) - KP 52.5 - KP 53.5



Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



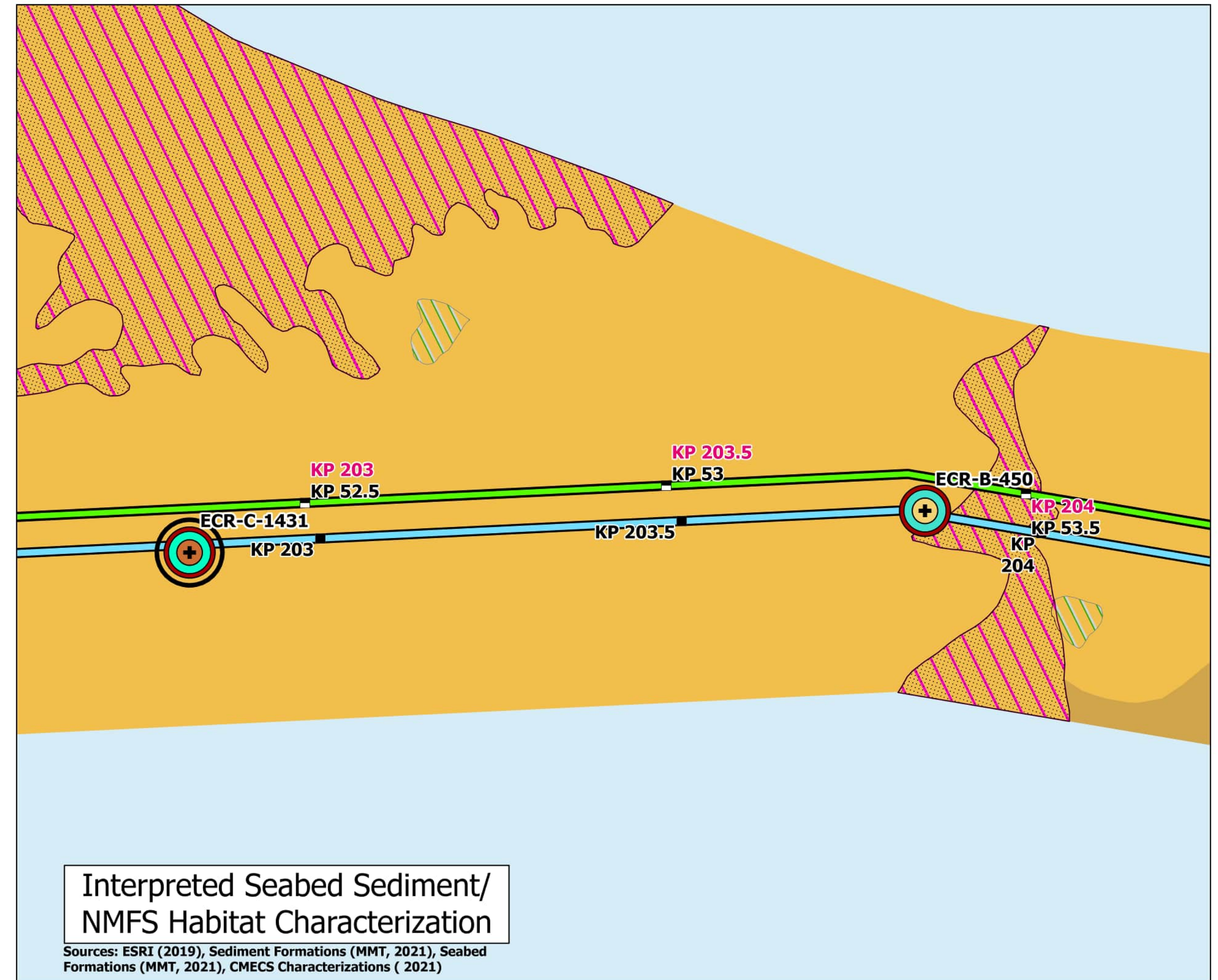
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

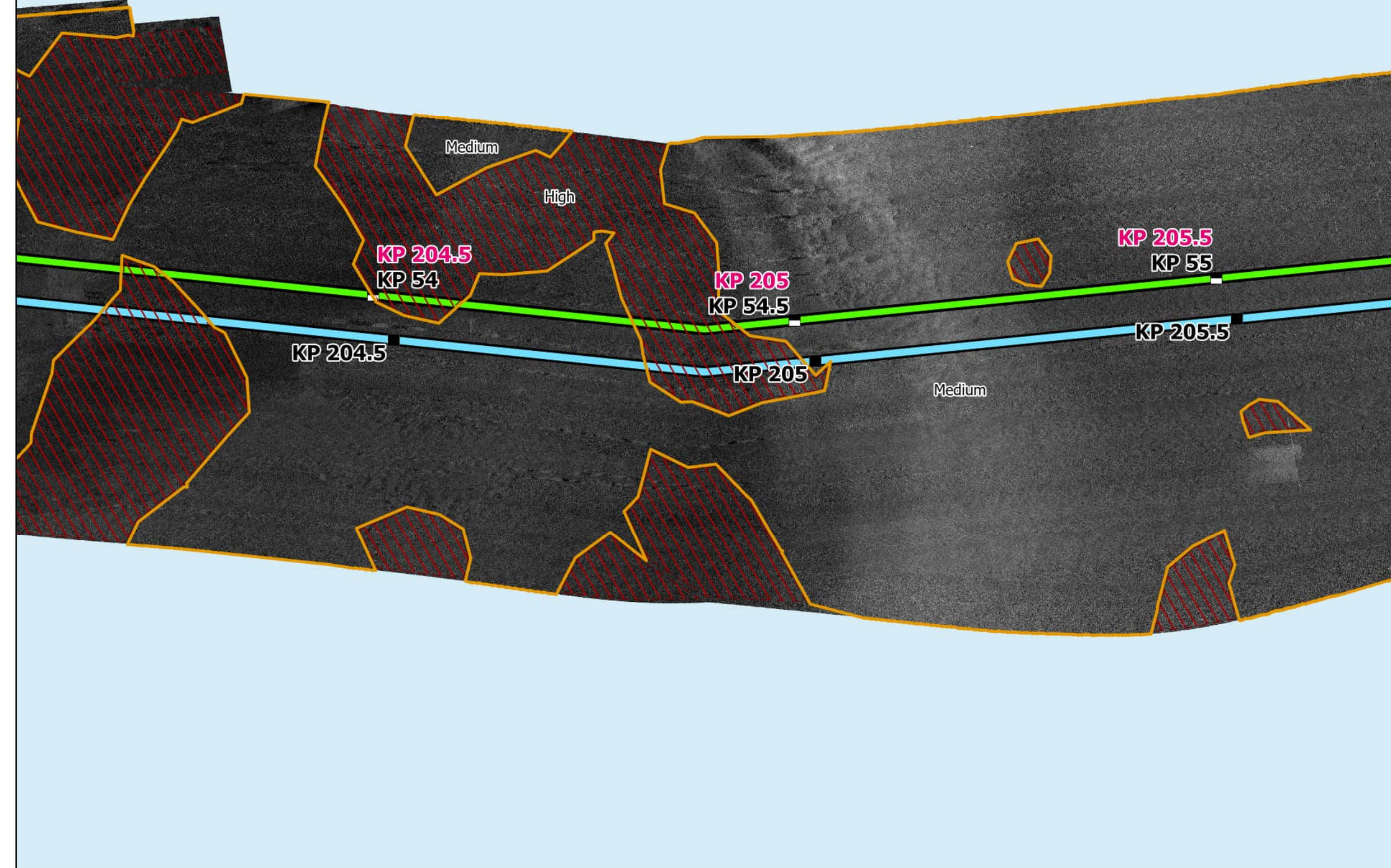
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



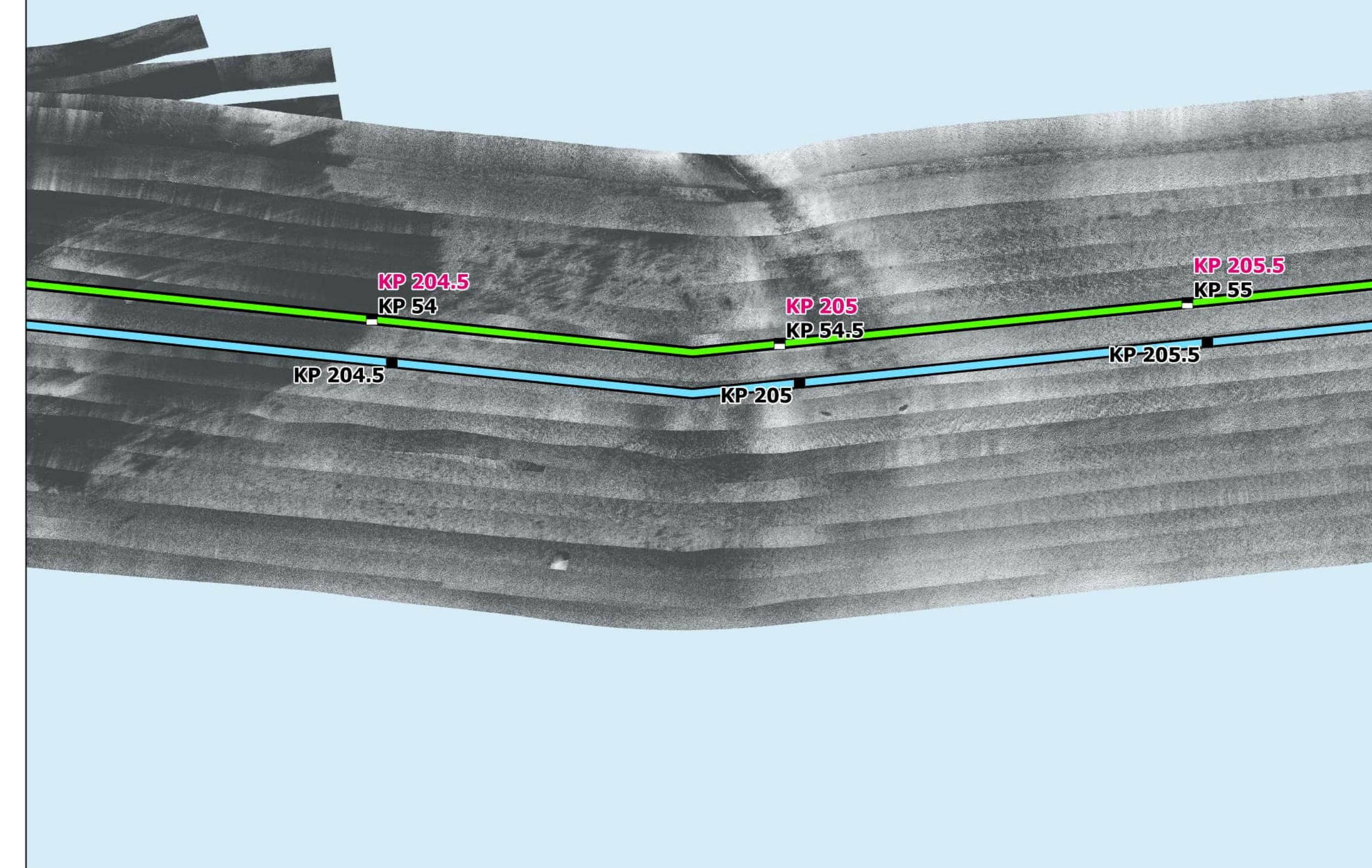
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



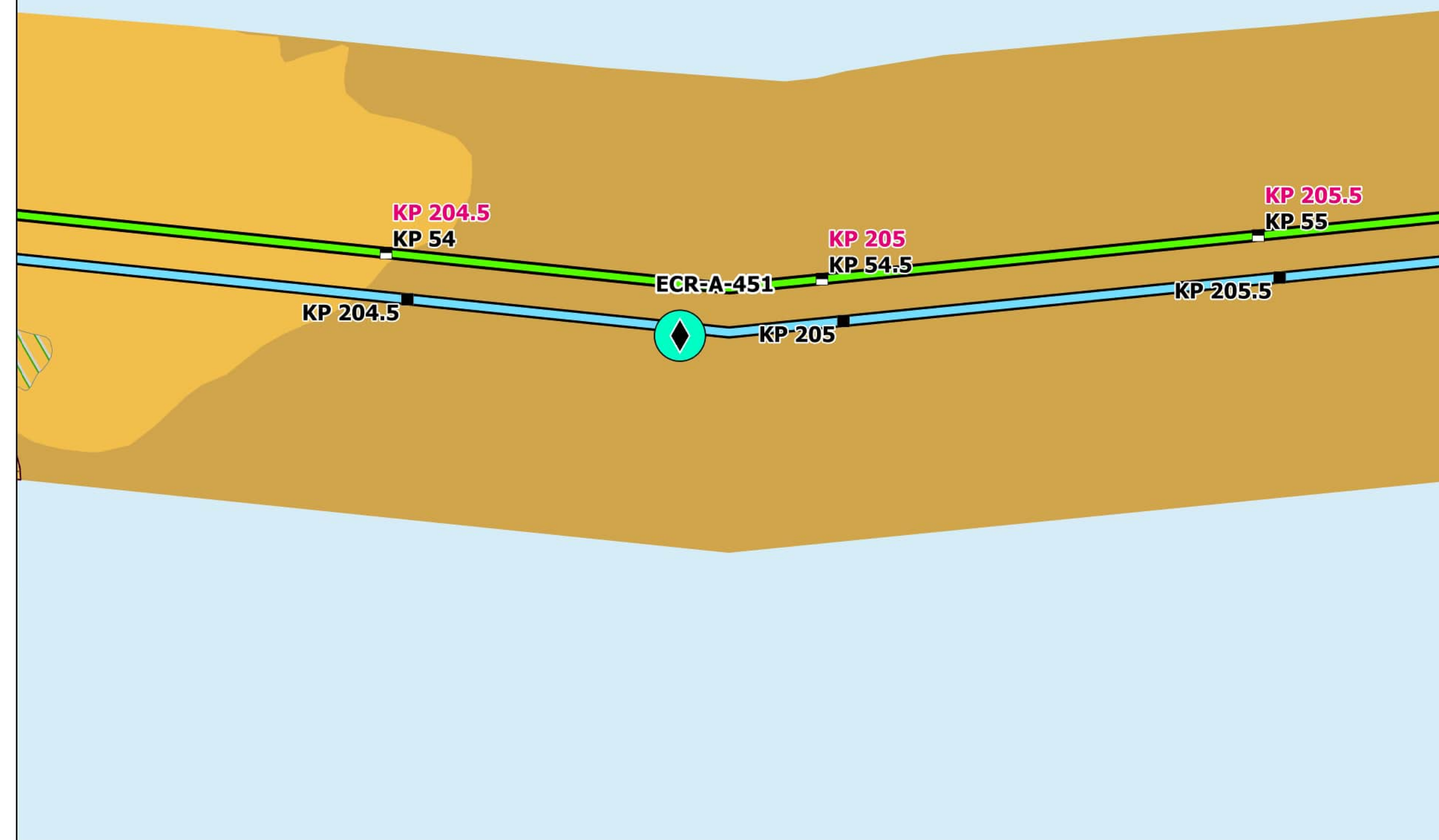
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

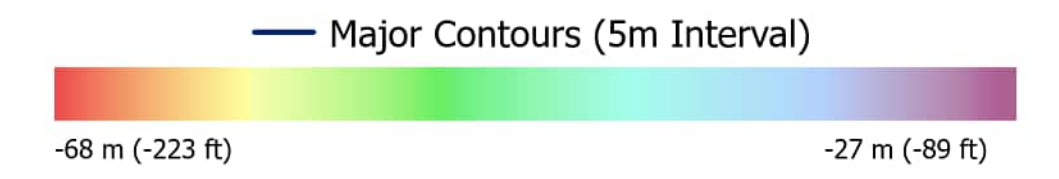


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

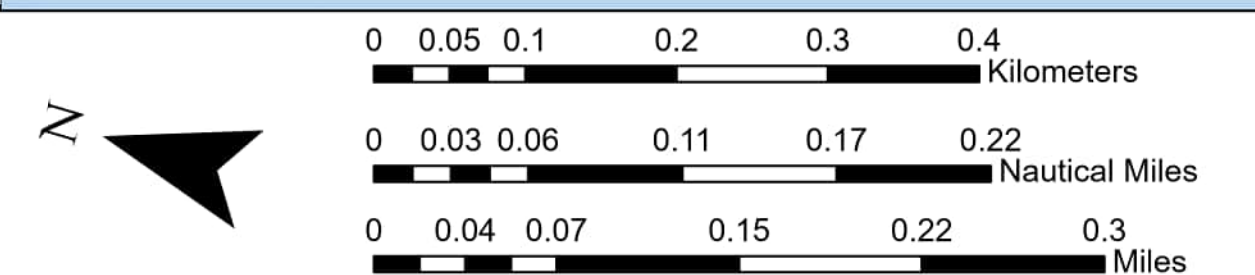
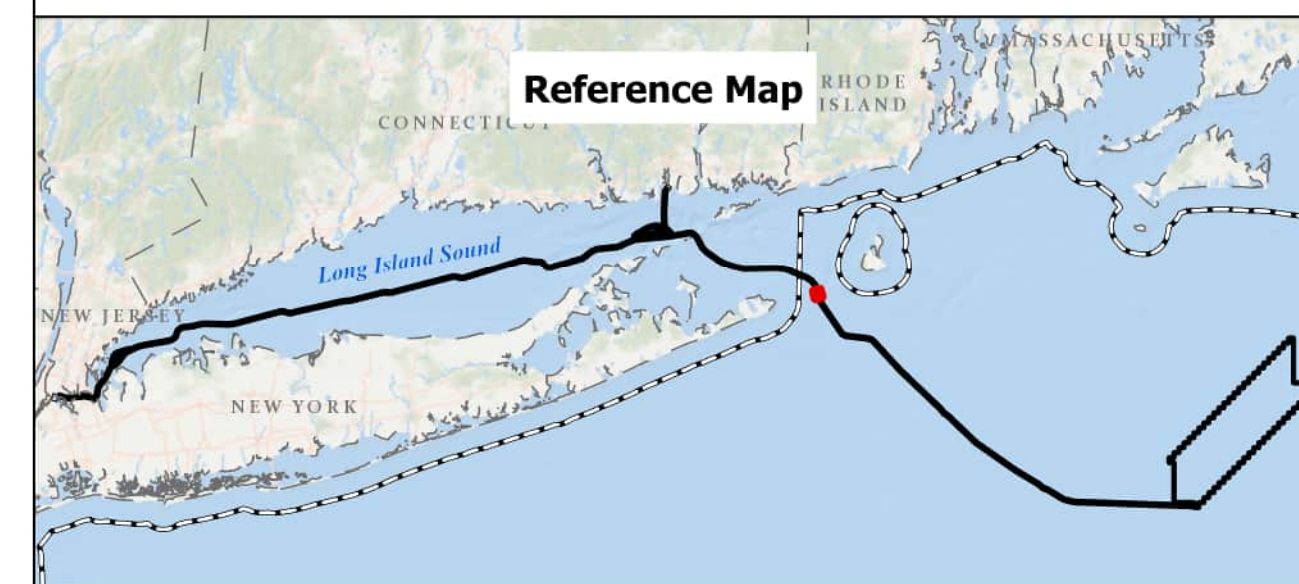
- Station Type**
- ◆ SPI/PV
- CMECS Substrate**
- Gravel Mixes
- Benthic Features**
- ▨ Sand Ripples
- ▨ Waves
- ▨ Occasional Boulders/Large Grained Complex Habitat
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
- Sand and Muddy Sand/Soft Bottom Habitat
- Mixed Sediment/Complex Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



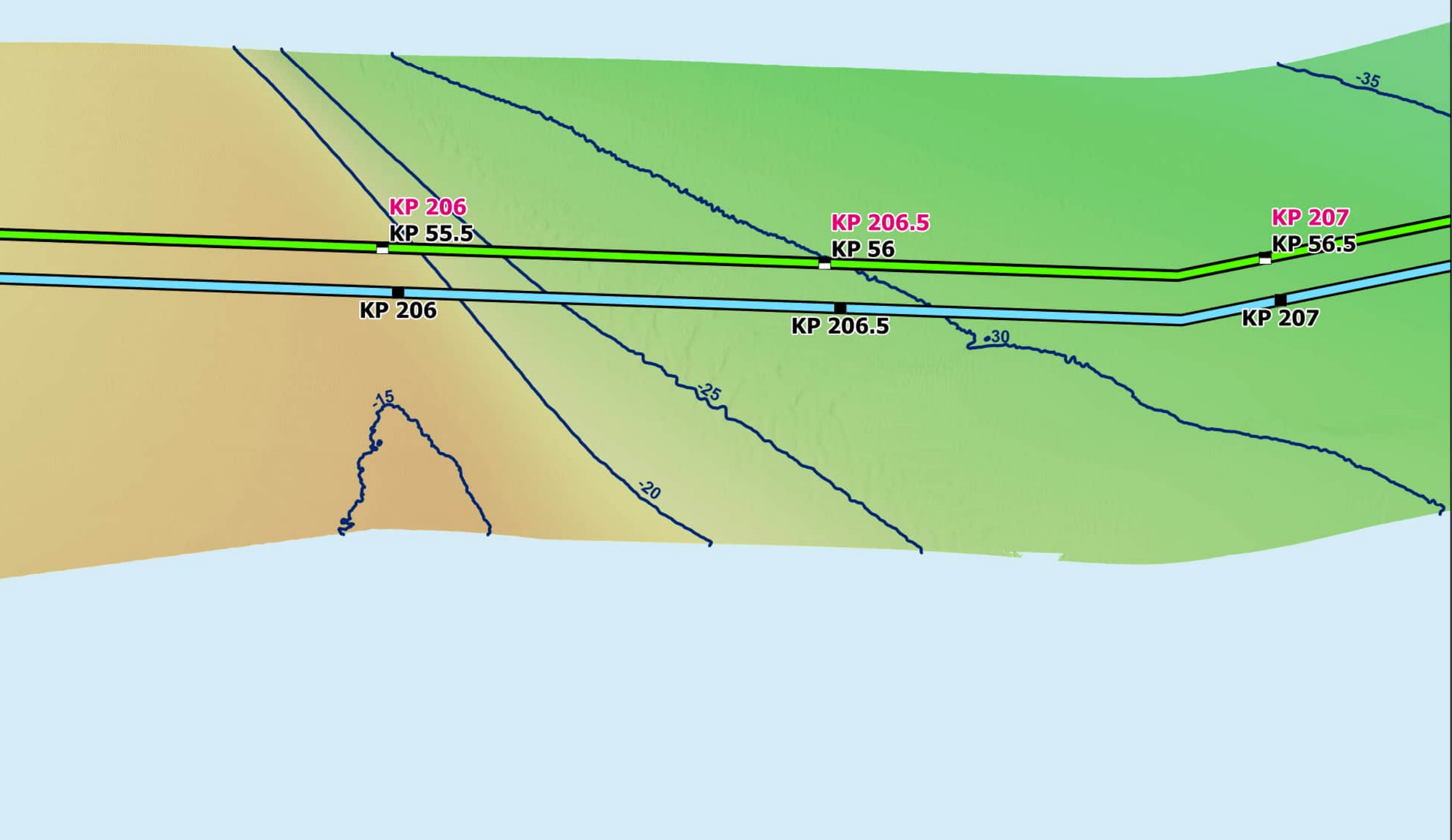
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 156

BW1 (NY) - KP 204.5 - KP 205.5
BW2 (NY) - KP 204.5 - KP 205.5
BW2 (CT) - KP 54 - KP 55

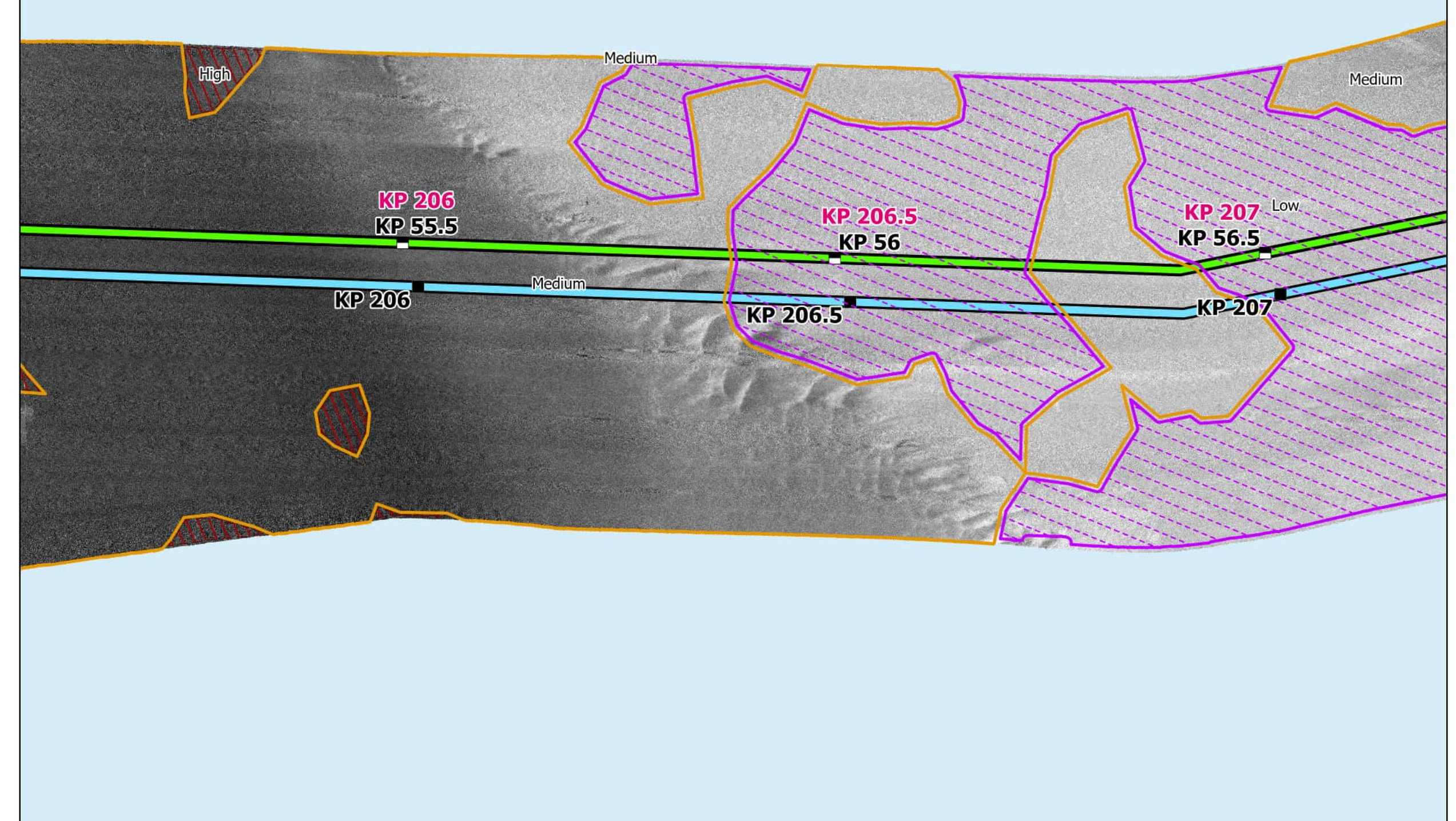
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



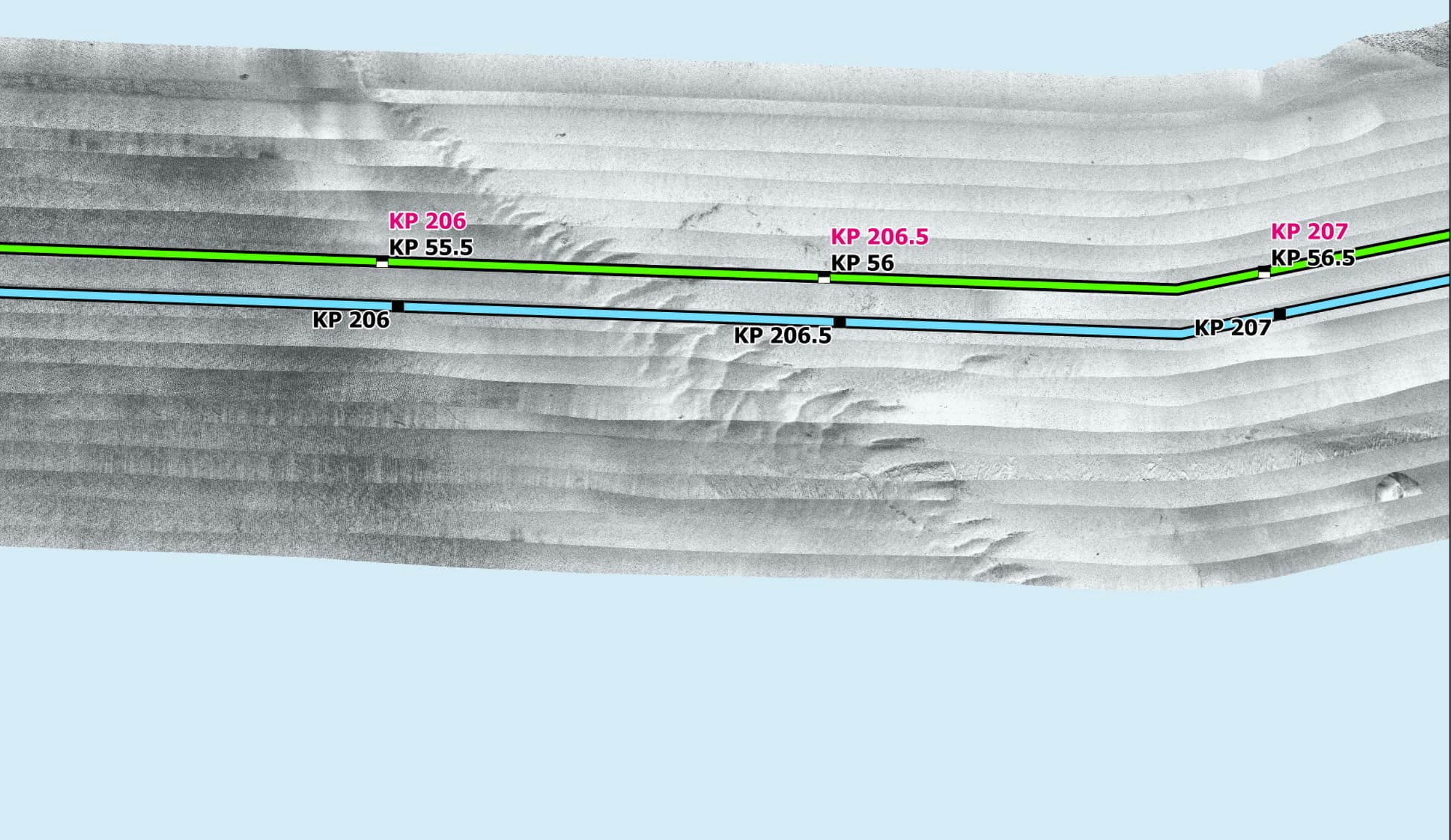
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



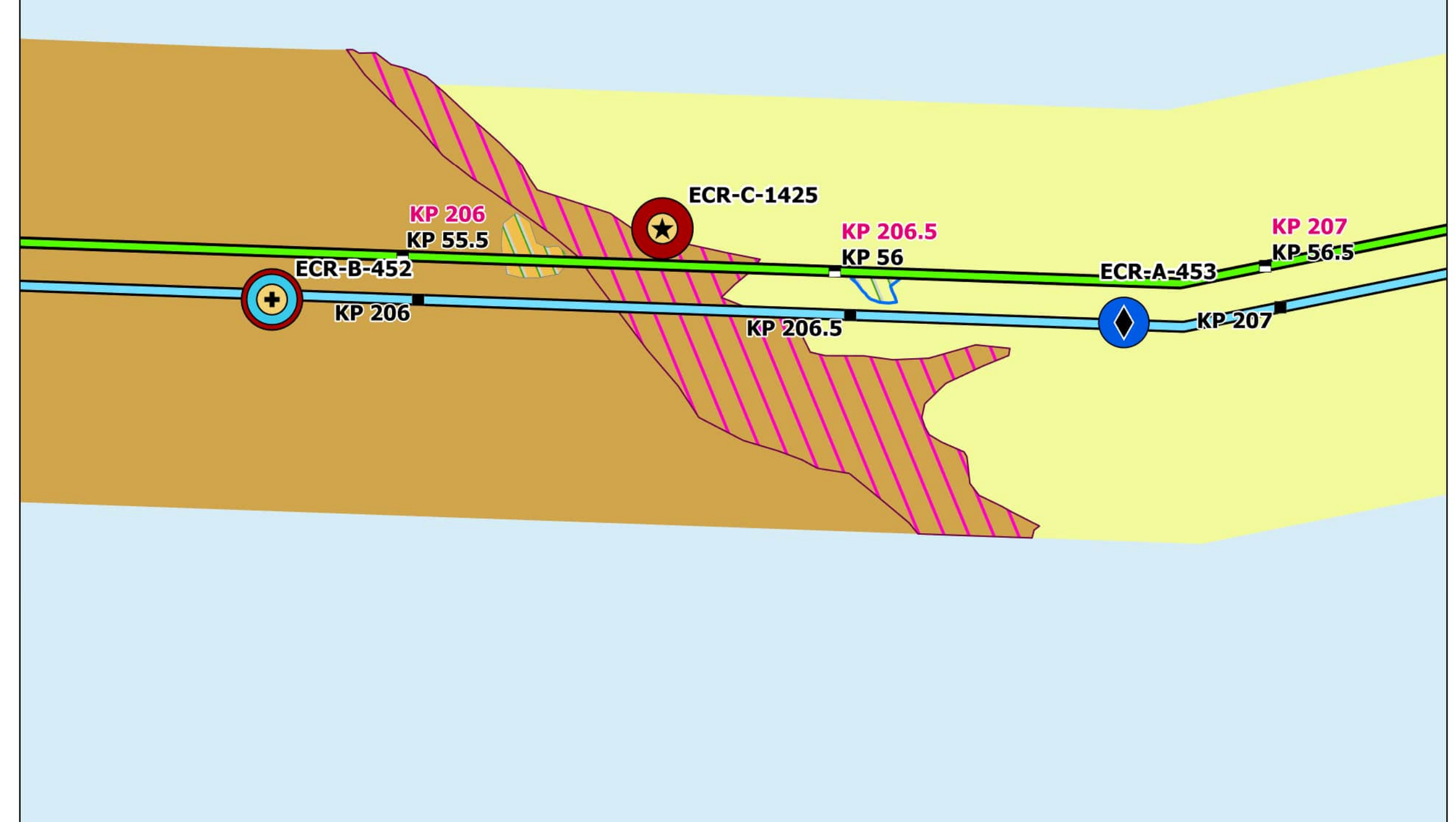
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

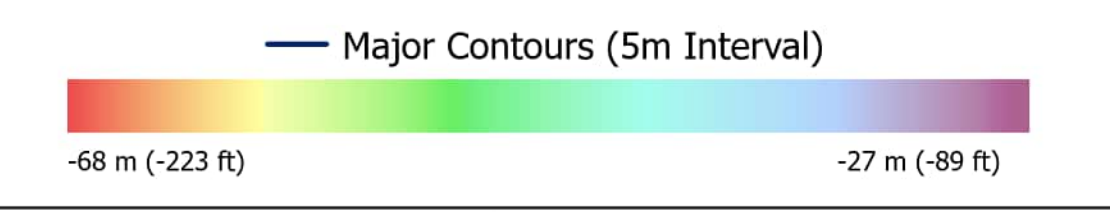


Map Book Package for Submarine Export Cable Route in Federal Waters

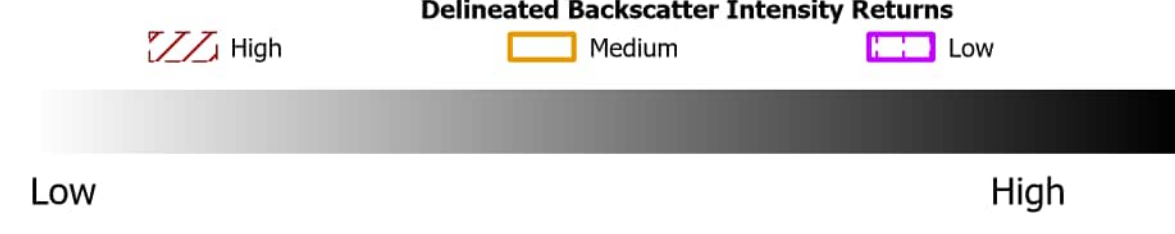


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



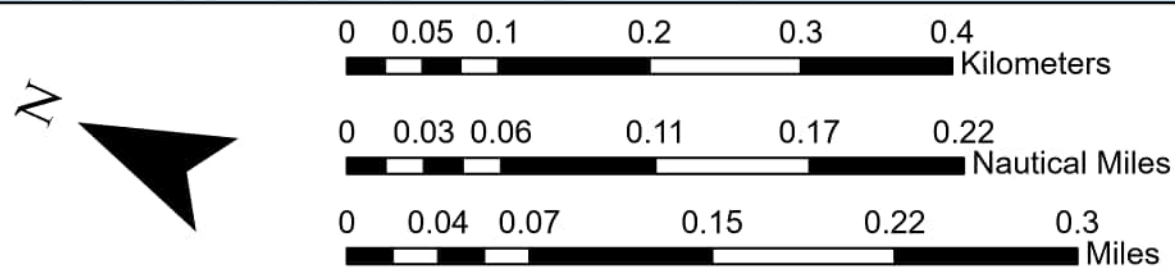
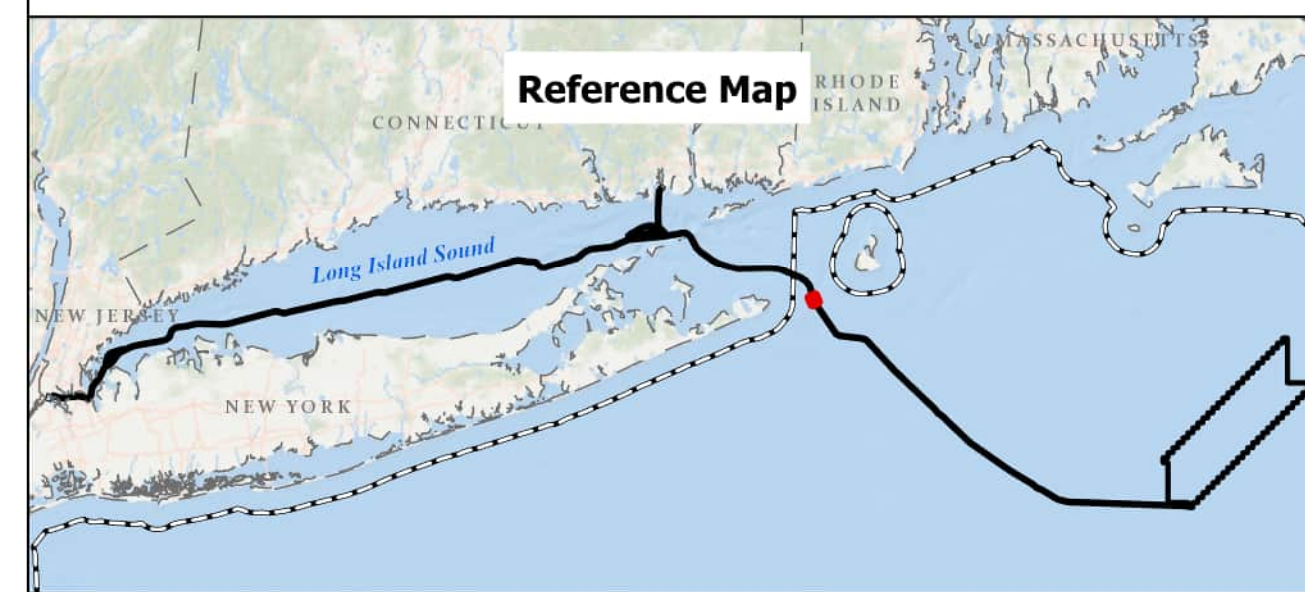
Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | | | | | | |
|-----------------------------|---|---|---|--------------|---|---|
| Station Type | + | Grab and Video | ● | Muddy Sand | ■ | Mixed Sediment/Complex Habitat |
| | ◆ | SPI/PV | ● | Flat | ■ | Heterogeneous Complex Habitat |
| | ★ | Video | ● | Sand Ripples | ■ | Occasional Boulders/Large Grained Complex Habitat |
| CMECS Classification | | | | | | |
| CMECS Biotic | | | | | | |
| | ● | Soft Sediment Fauna | | | | |
| CMECS Substrate | | | | | | |
| | ● | Gravelly Muddy Sand | | | | |
| | ■ | Mud and Sandy Mud/Soft Bottom Habitat | | | | |
| | ■ | Sand and Muddy Sand/Soft Bottom Habitat | | | | |
- Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000

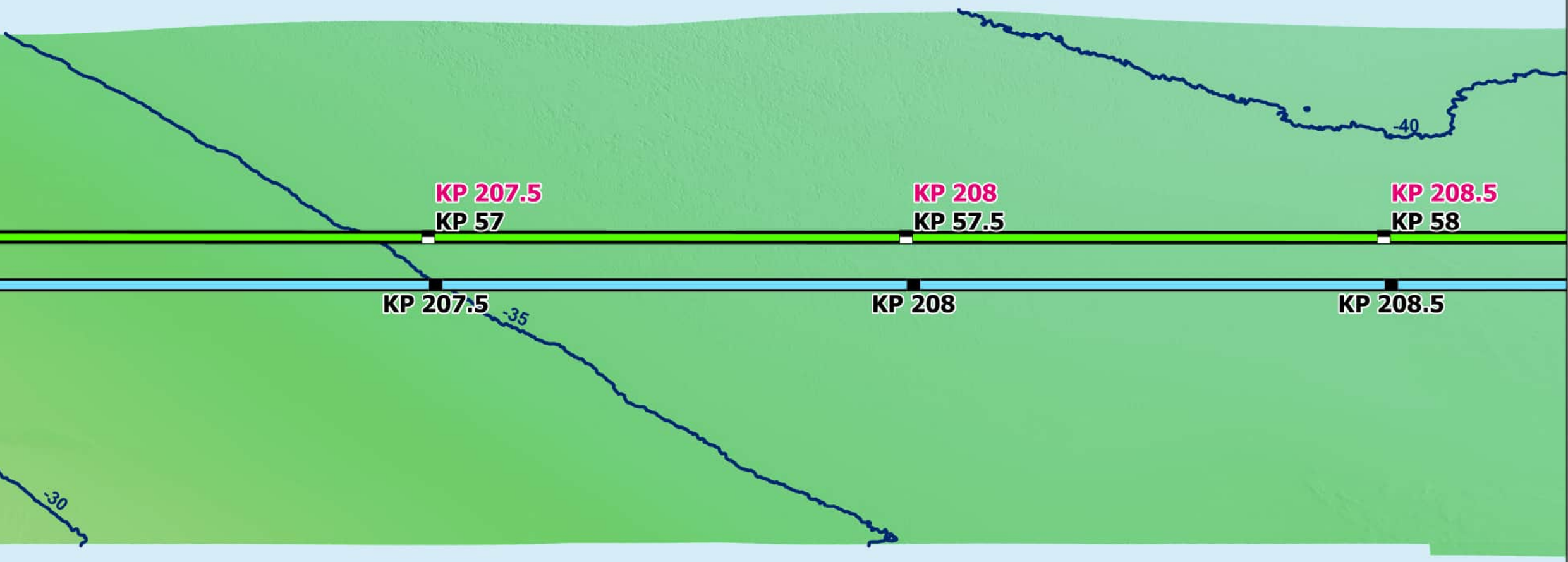


BEACON WIND LEASE AREA OCS-A 0520
Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 157

BW1 (NY) - KP 206 - KP 207
BW2 (NY) - KP 206 - KP 207
BW2 (CT) - KP 55.5 - KP 56.5

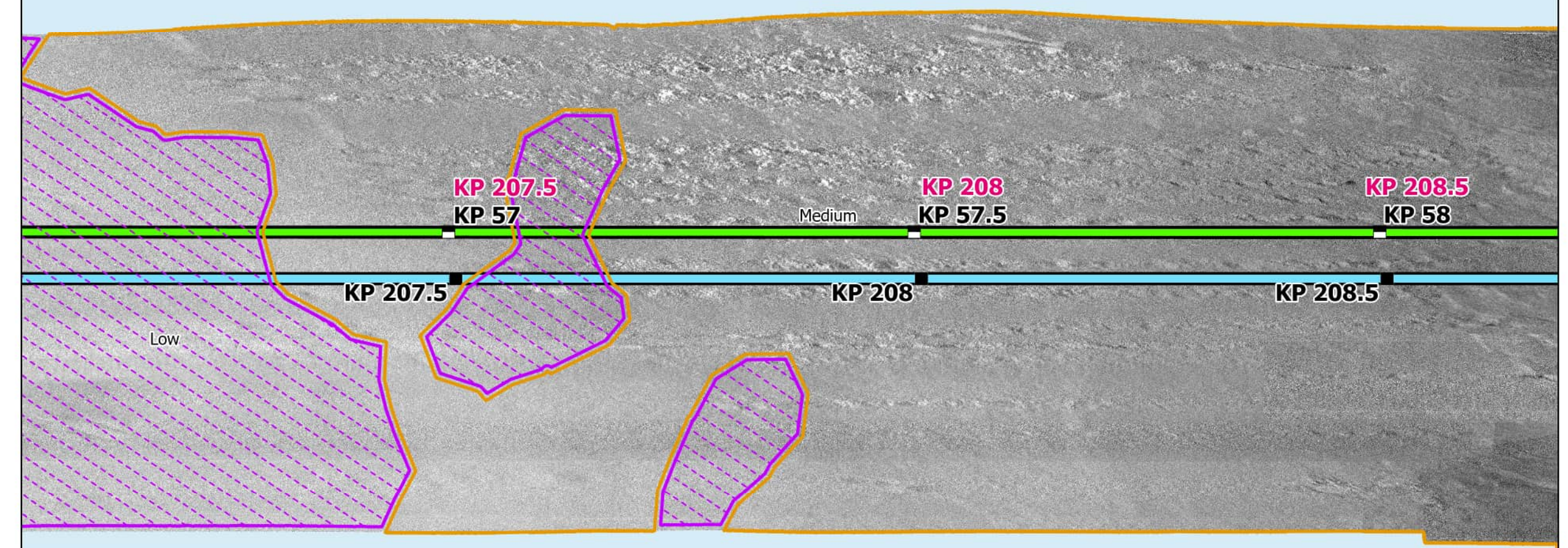
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



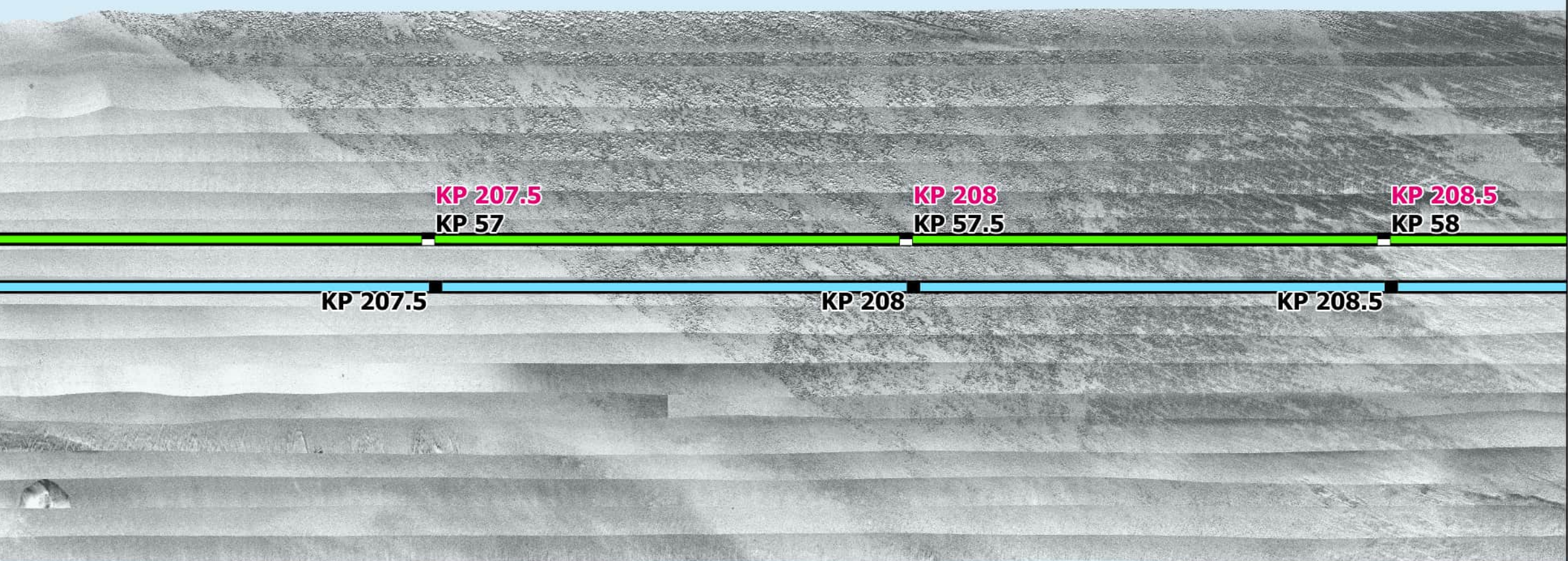
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



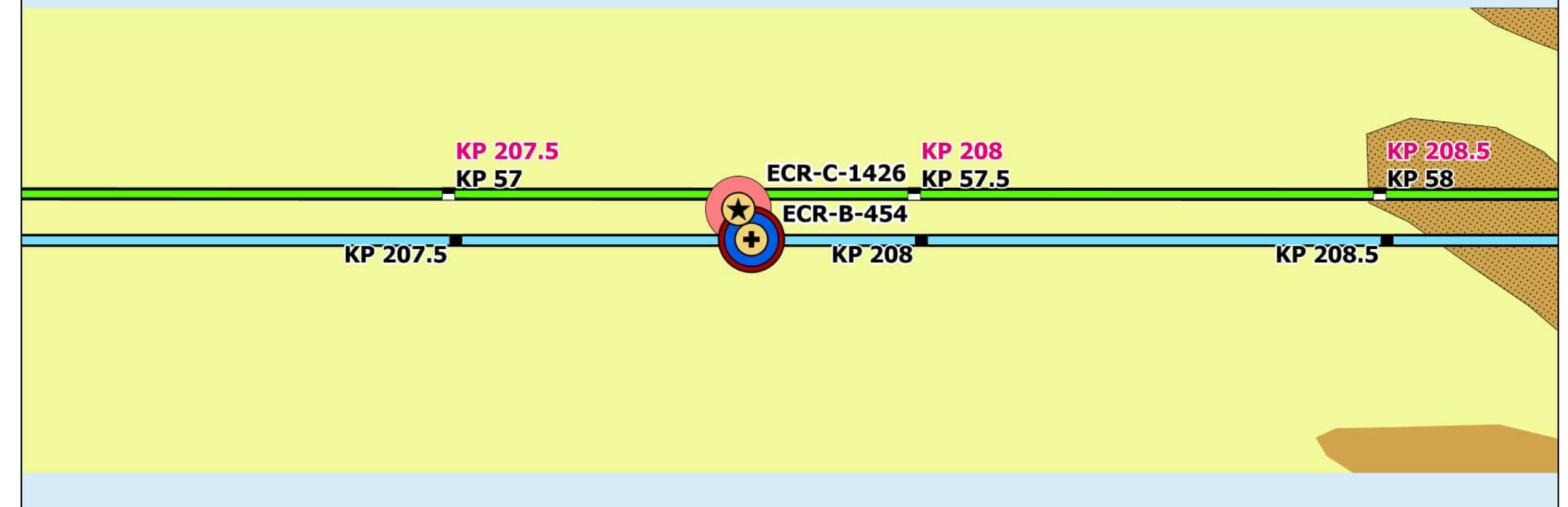
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

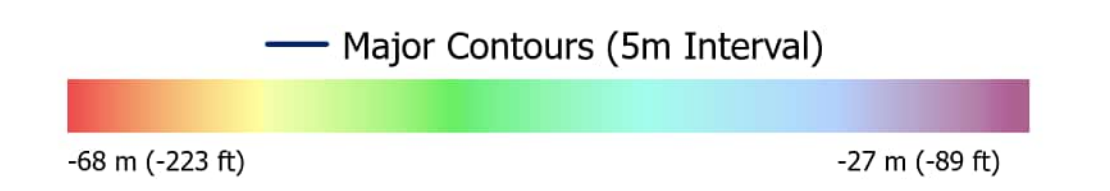


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar

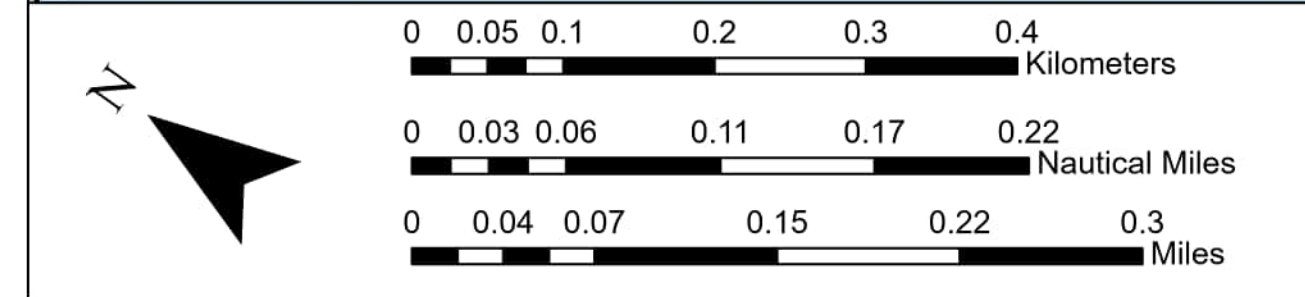
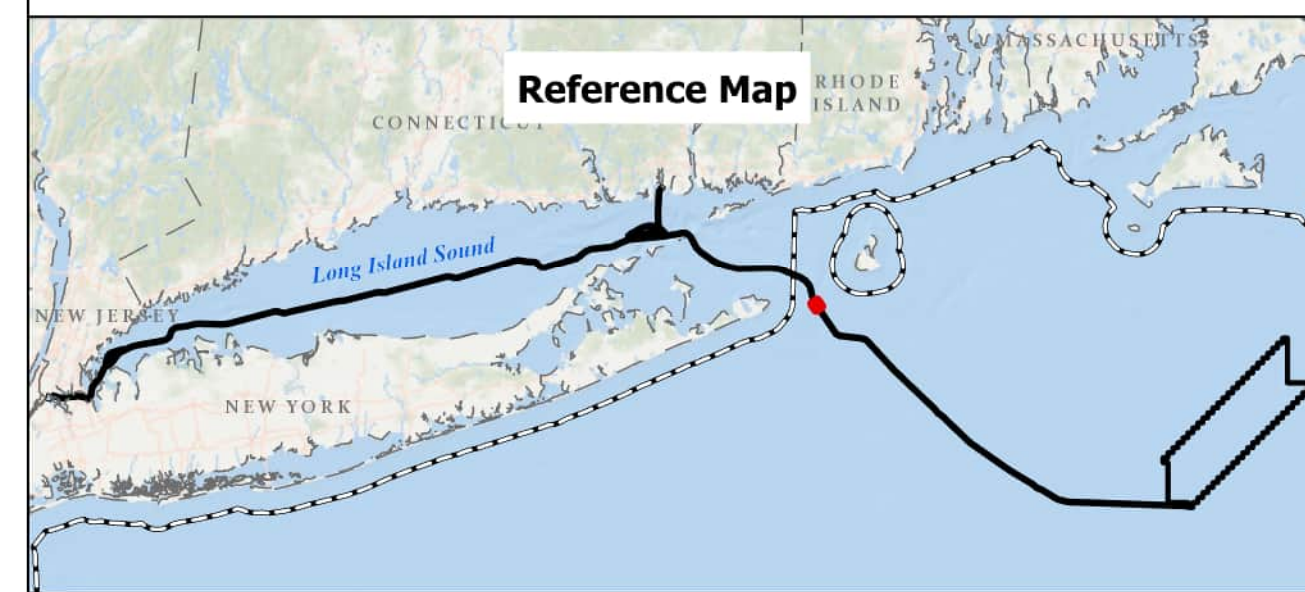


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - + Grab and Video
 - ★ Video
- CMECS Classification**
 - Soft Sediment Fauna
 - Muddy Sand
- CMECS Geoform**
 - Burrows/Bioturbation
 - Flat
- Benthic Features**
 - ▨ Waves
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

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Scale: 1:5,000



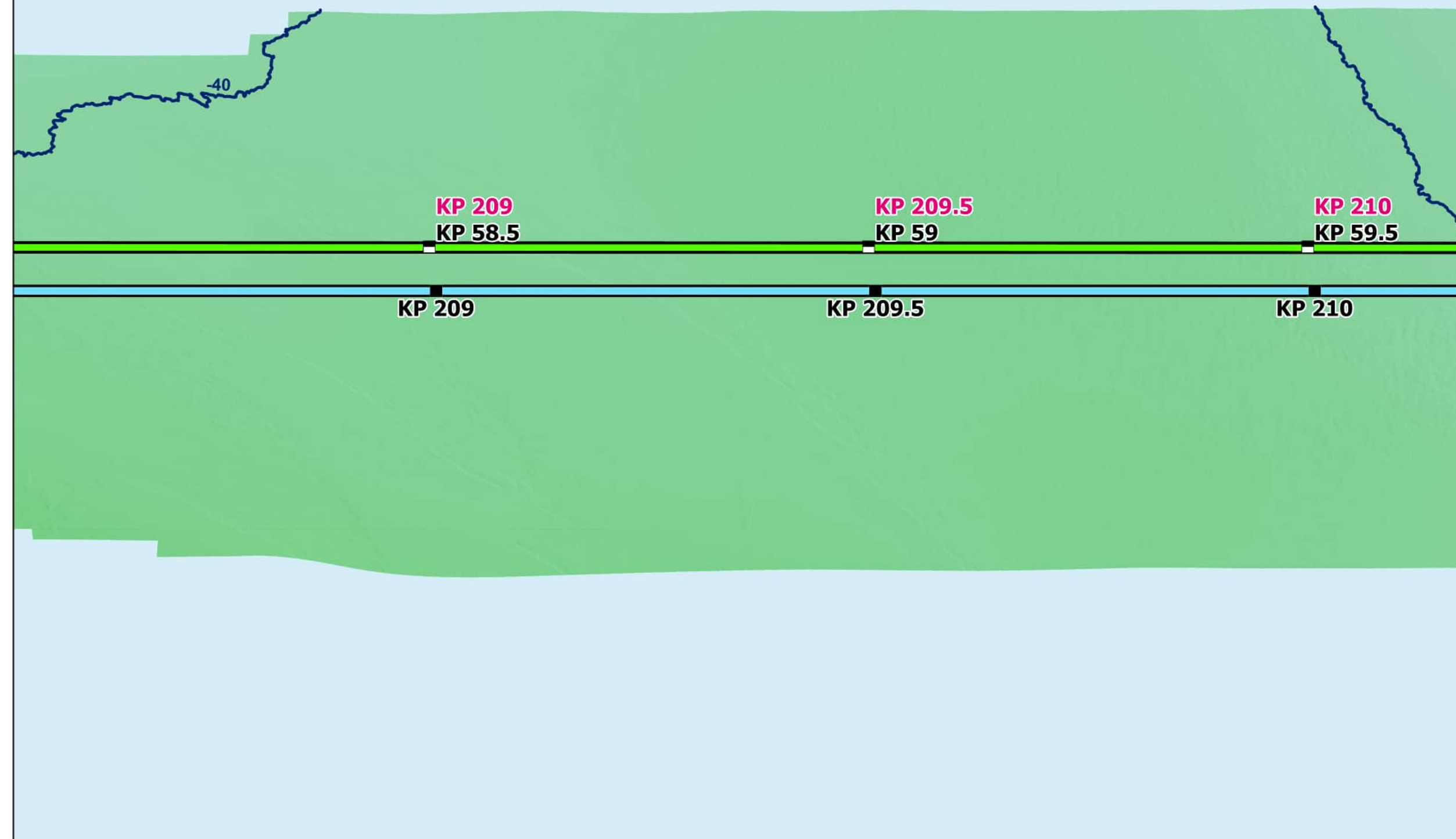
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 158

BW1 (NY) - KP 207.5 - KP 208.5
BW2 (NY) - KP 207.5 - KP 208.5
BW2 (CT) - KP 57 - KP 58

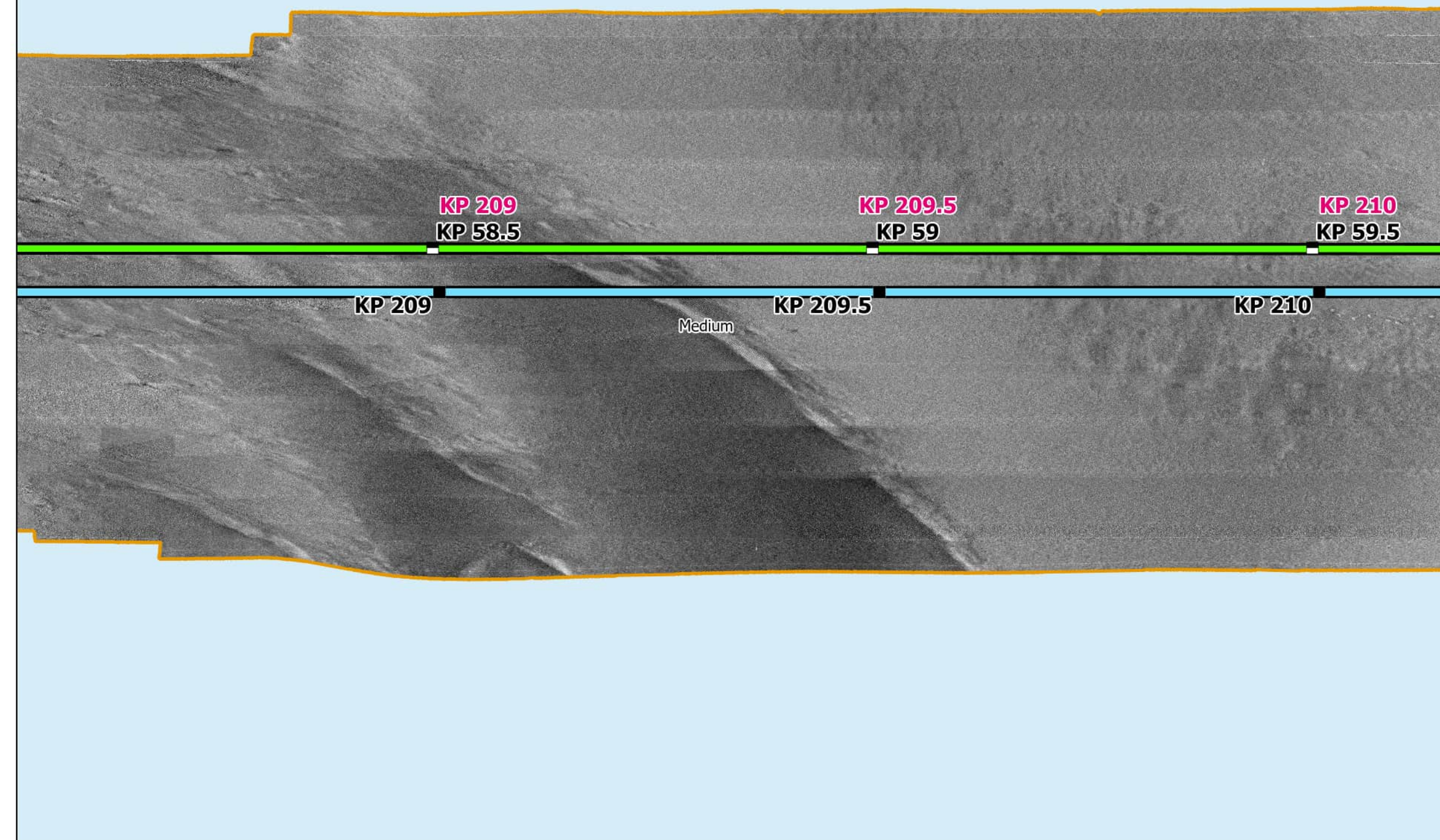
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



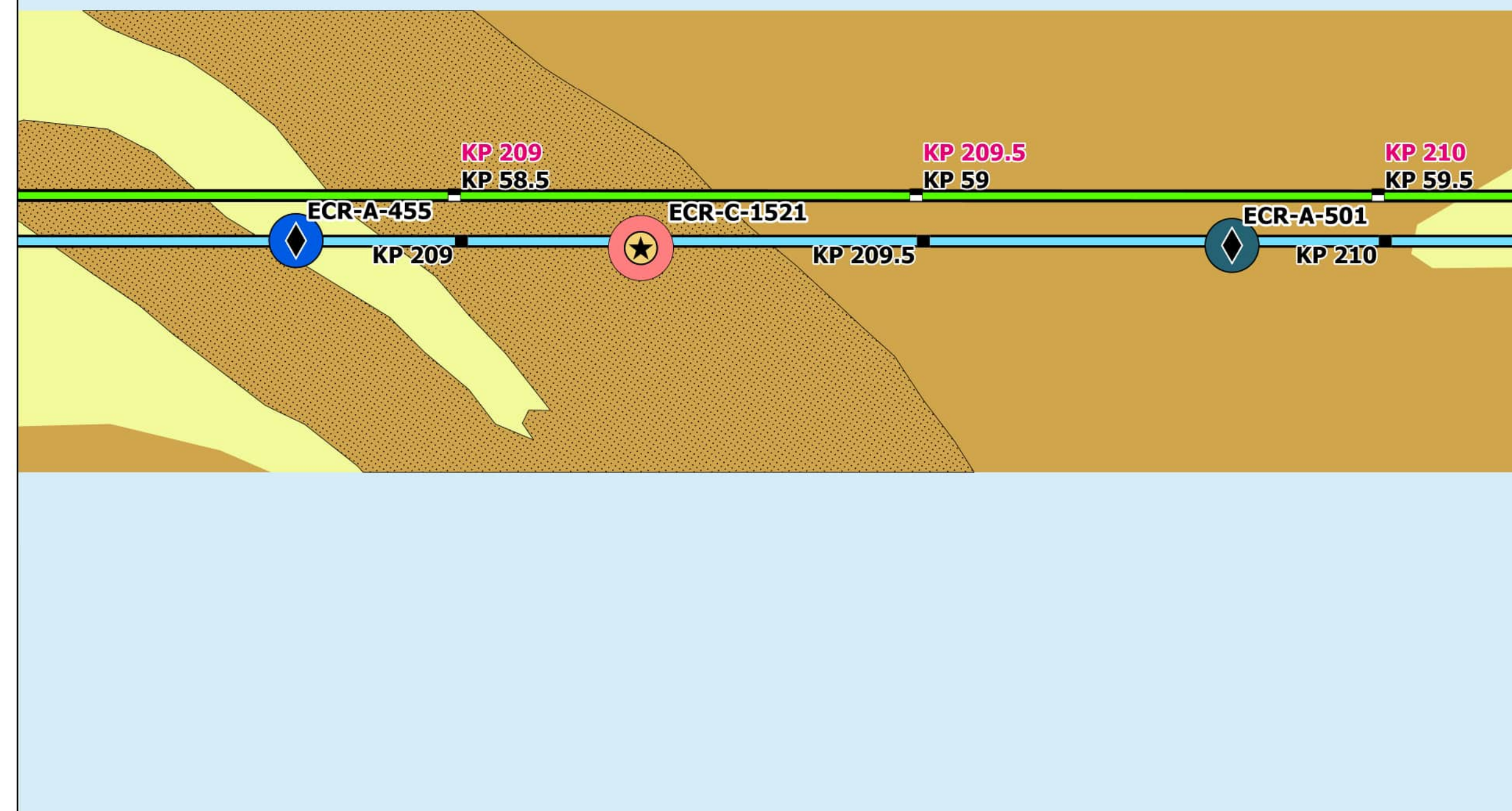
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

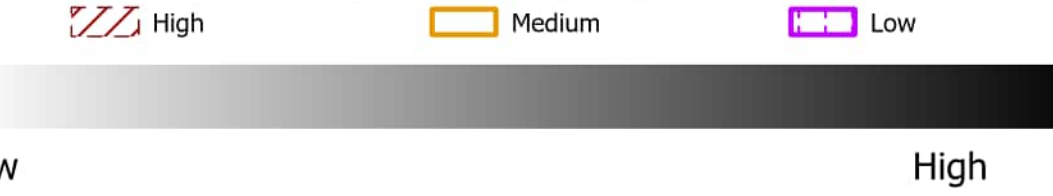
Bathymetry (MLLW)

Major Contours (5m Interval)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

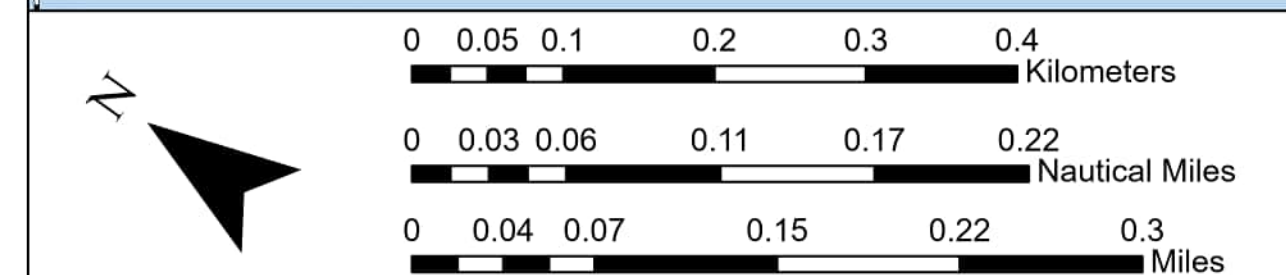
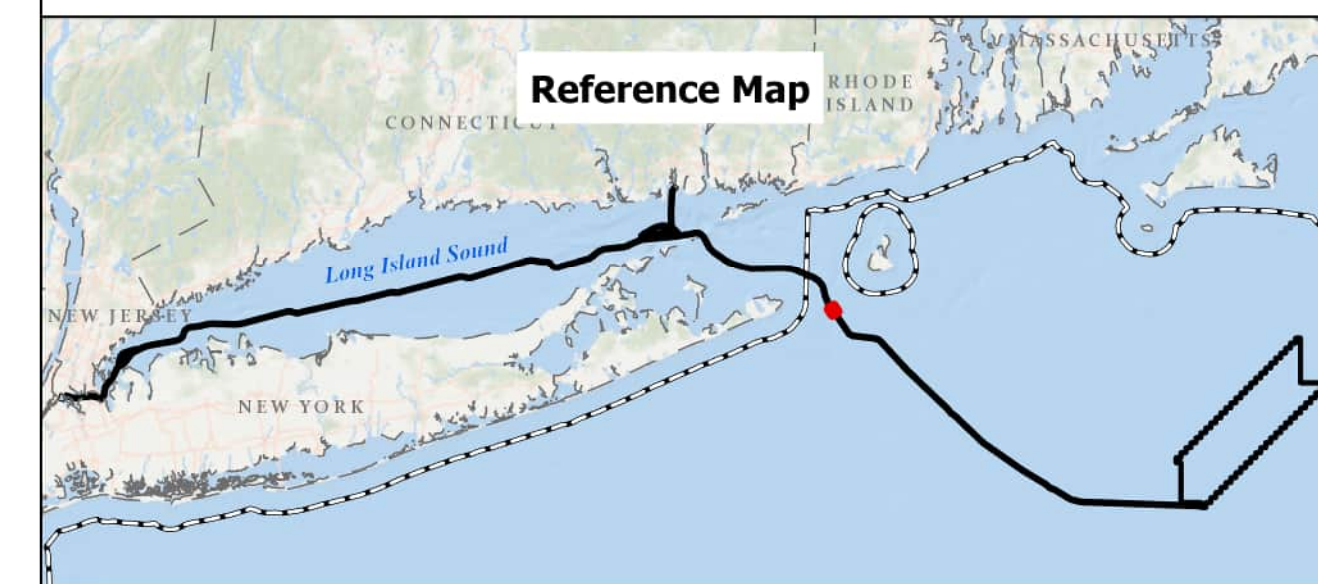
- ◆ SPI/PV
- ★ Video
- CMECS Biotic: Soft Sediment Fauna
- CMECS Substrate: Muddy Sand, Sand
- CMECS Geoform: Burrows/Bioturbation
- Benthic Features: Waves
- Interpreted Seabed Sediment/NMFS Habitat Characterization: Mud and Sandy Mud/Soft Bottom Habitat, Sand and Muddy Sand/Soft Bottom Habitat

Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



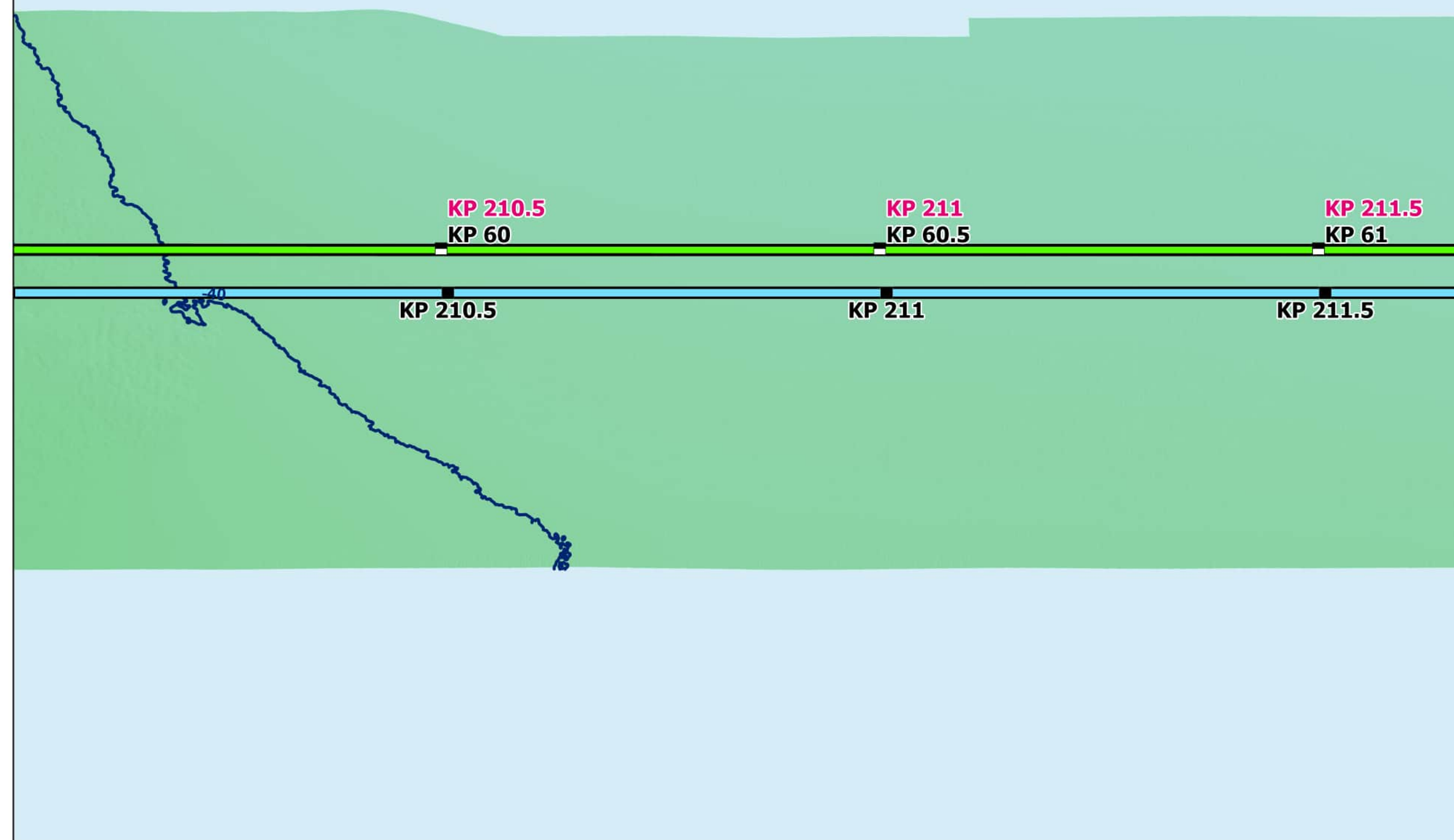
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 159

BW1 (NY) - KP 209 - KP 210
BW2 (NY) - KP 209 - KP 210
BW2 (CT) - KP 58.5 - KP 59.5

Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



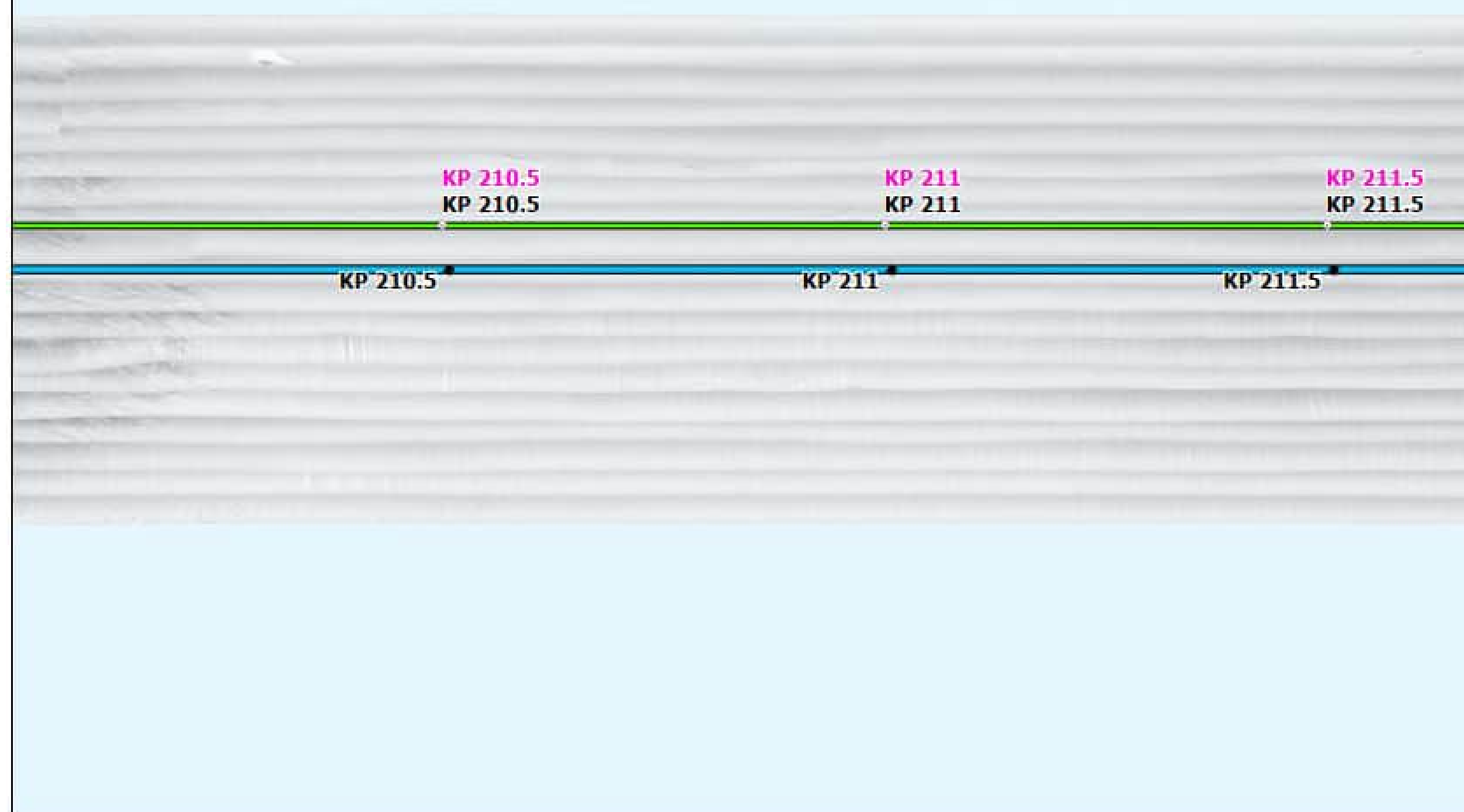
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



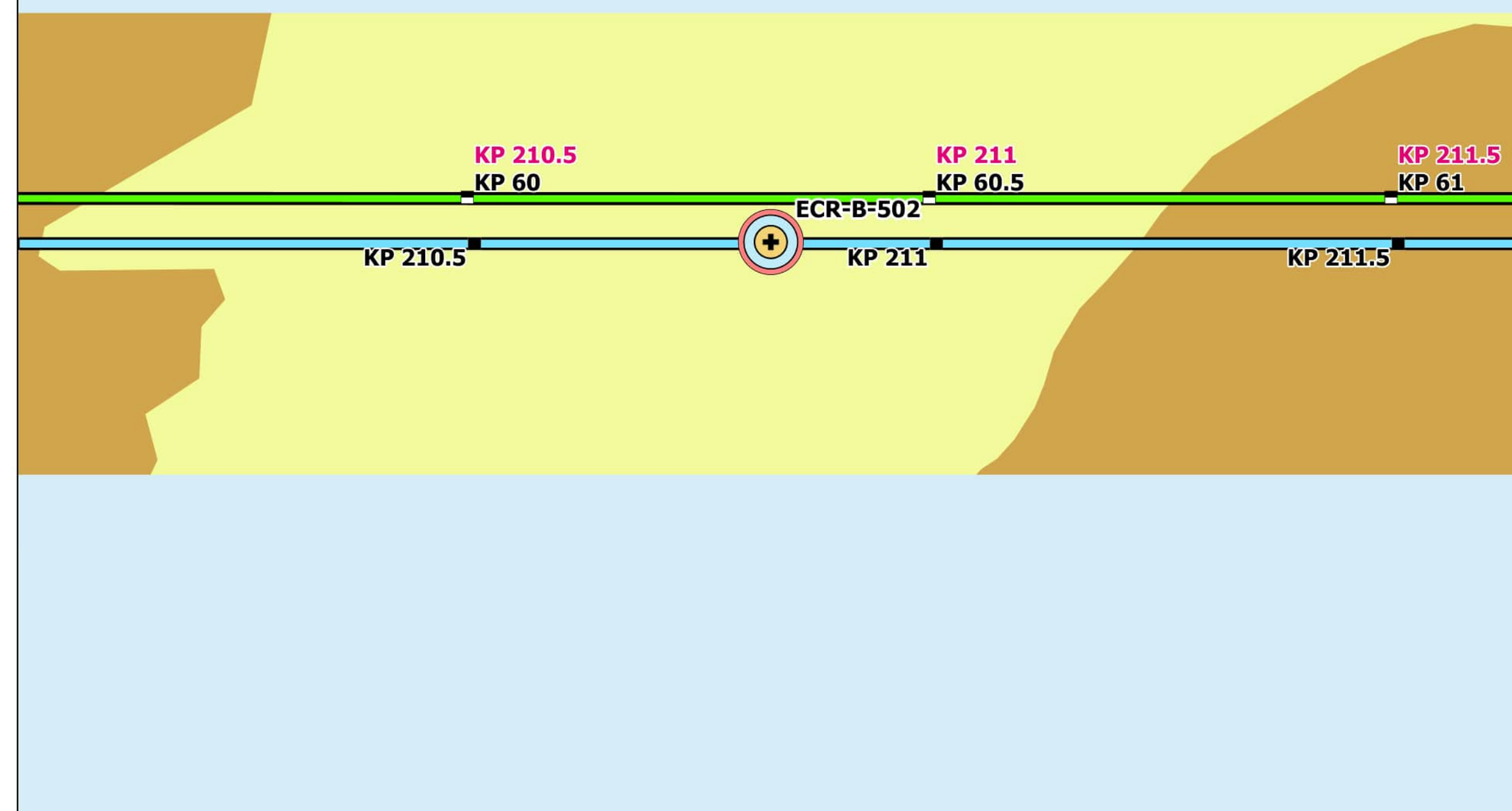
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

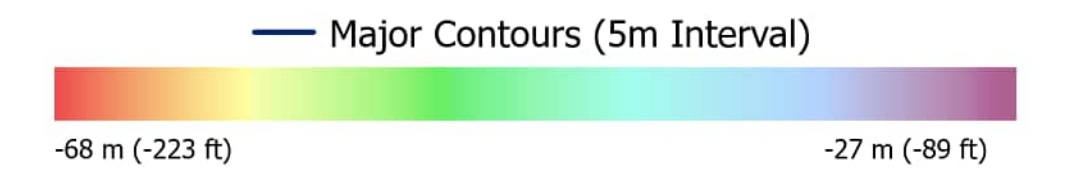


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar

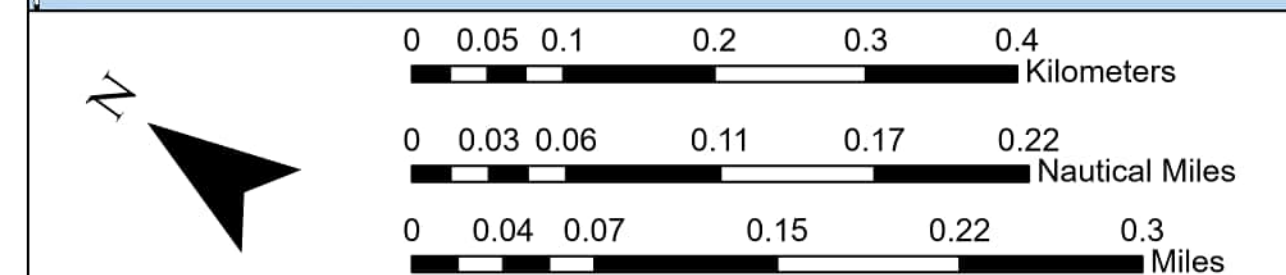
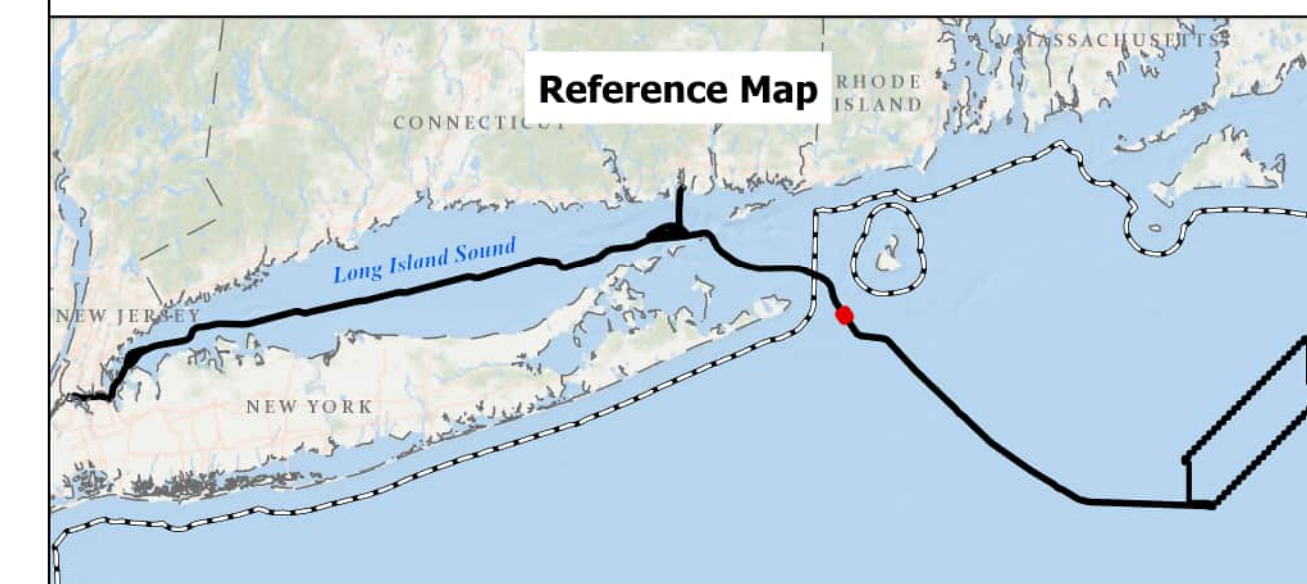


Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ⊕ Grab and Video
- CMECS Classification**
 - Soft Sediment Fauna
 - Fine/Very Fine Sand
- CMECS Substrate**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat
- CMECS Geoform**
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
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Scale: 1:5,000



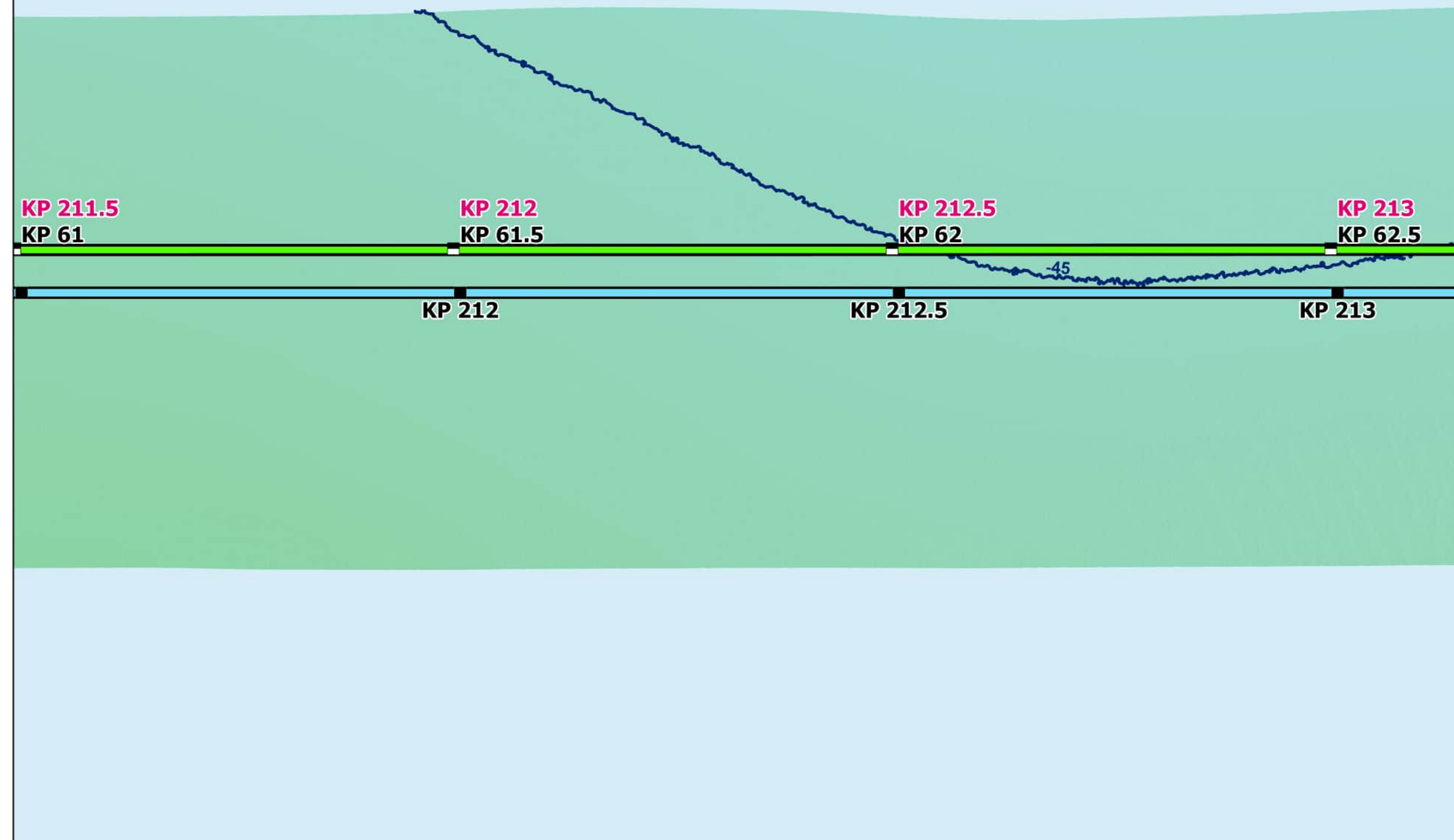
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 160

BW1 (NY) - KP 210.5 - KP 211.5
BW2 (NY) - KP 210.5 - KP 211.5
BW2 (CT) - KP 60 - KP 61

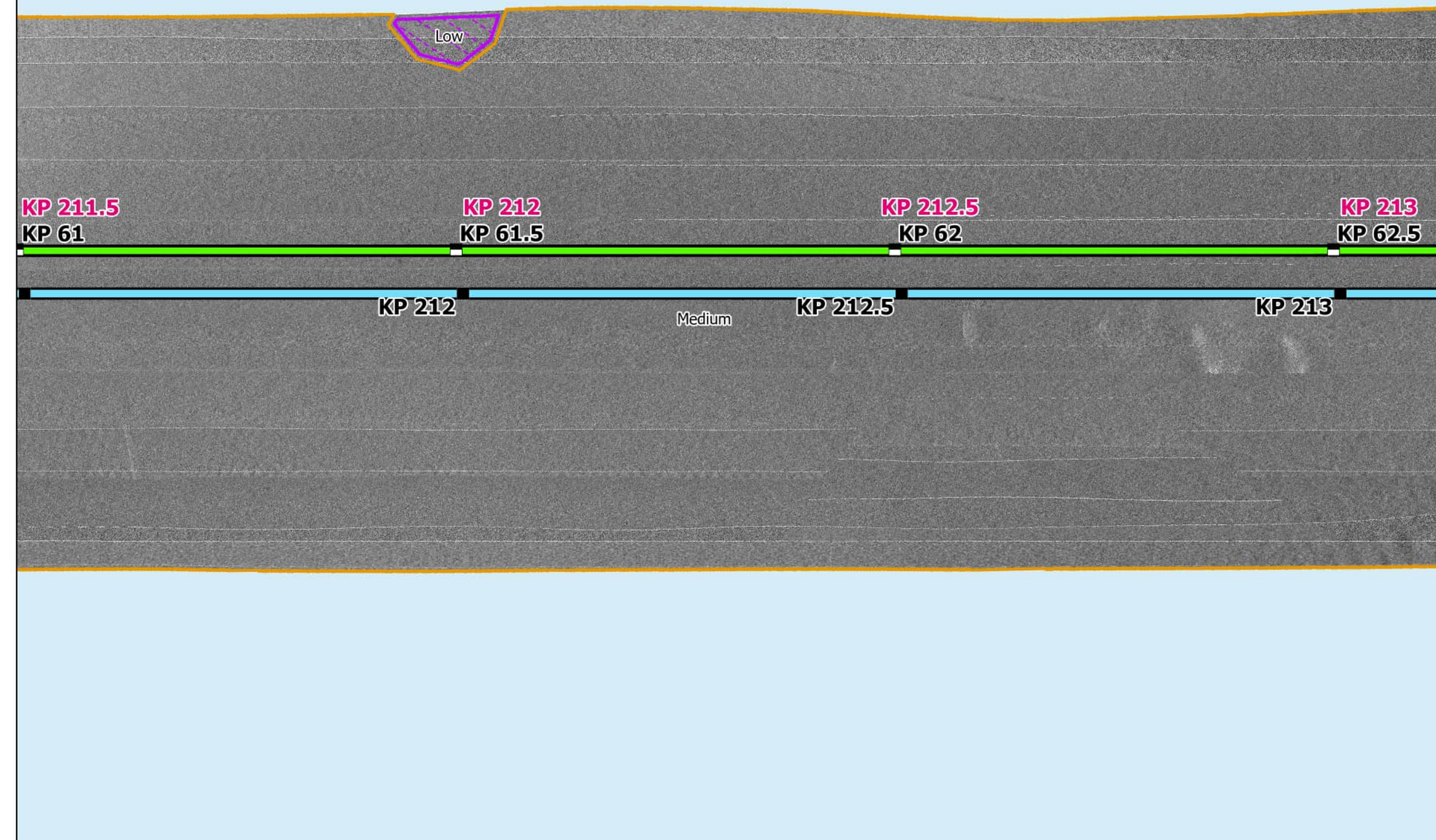
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



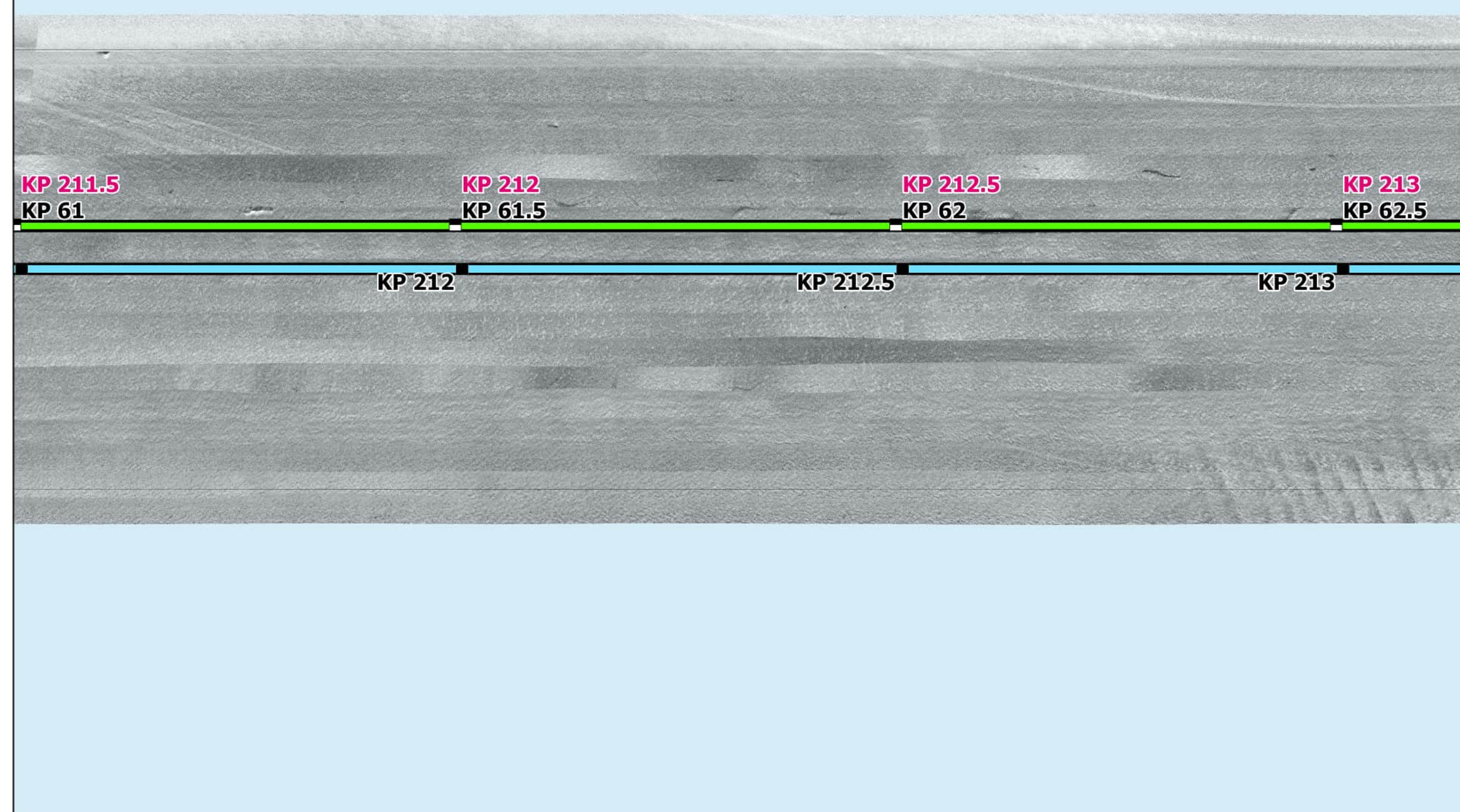
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



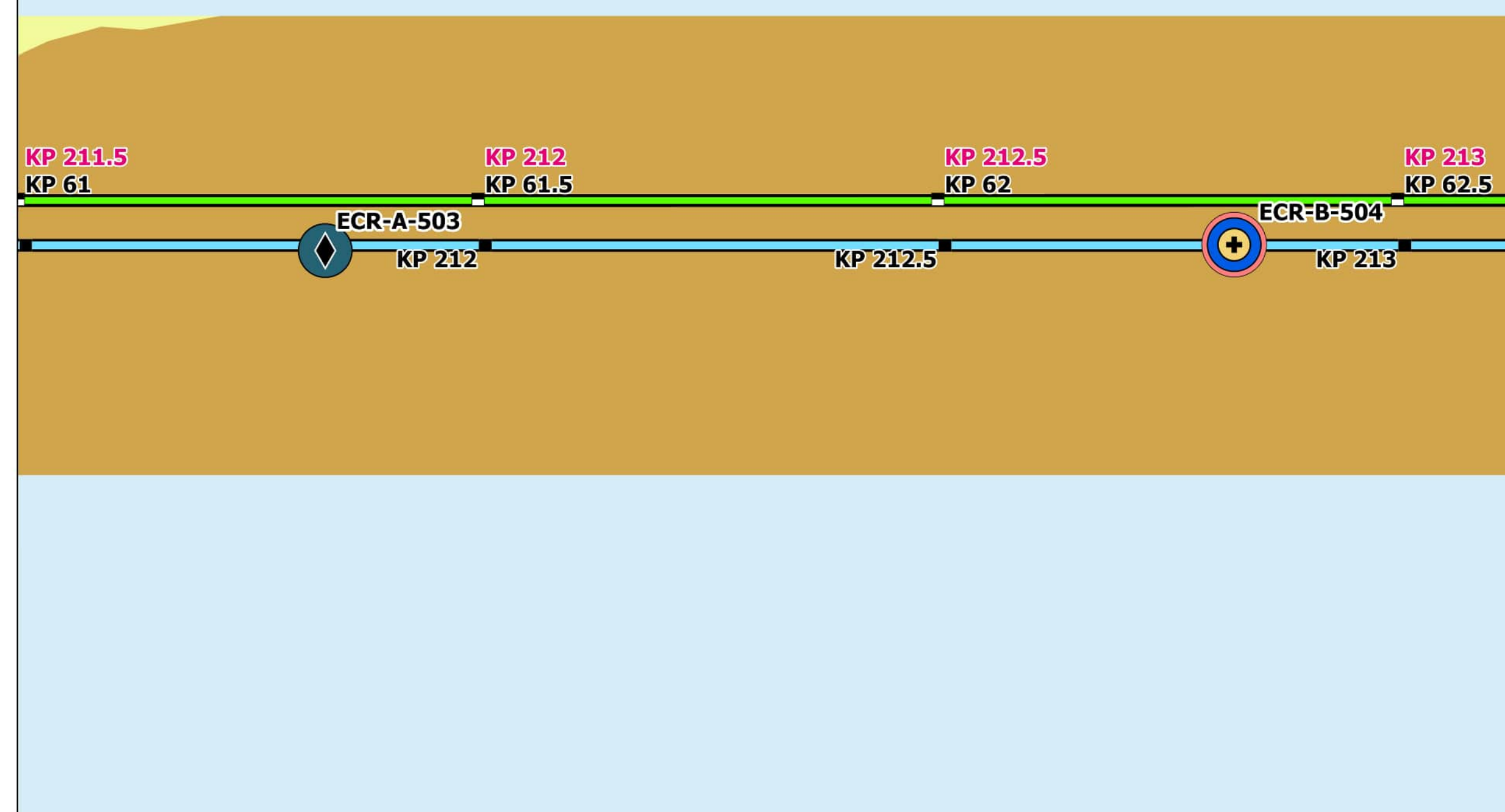
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



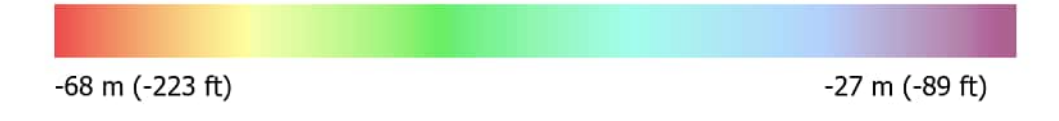
Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)

Major Contours (5m Interval)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

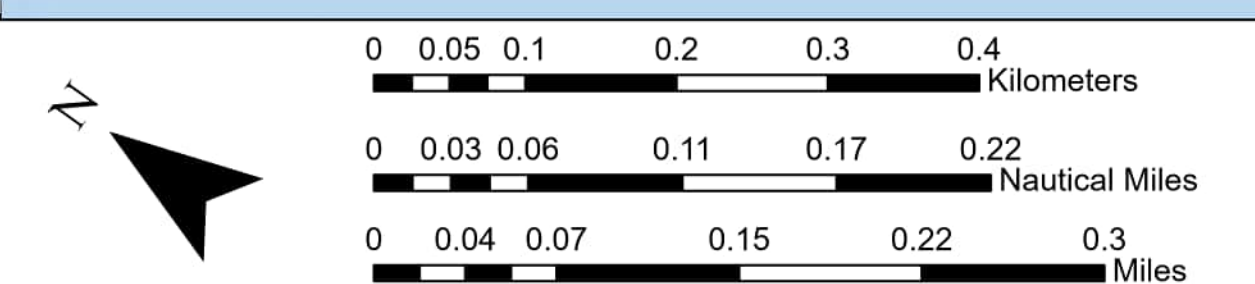
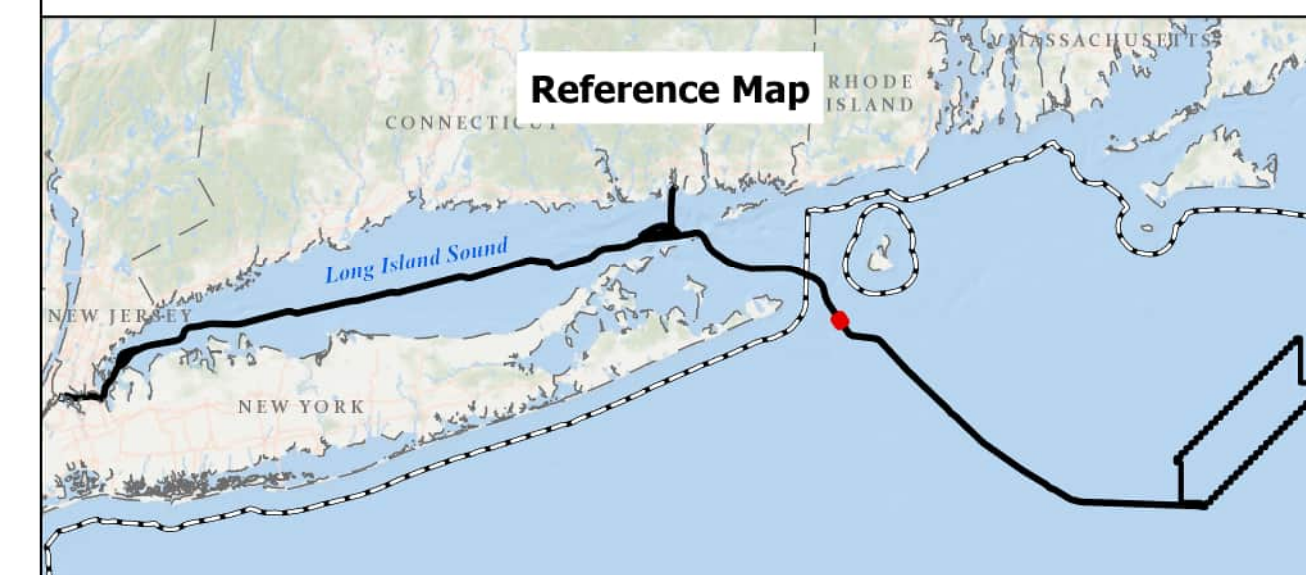
- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification**
 - Soft Sediment Fauna
 - Muddy Sand
- Station Type**
 - Sand
- CMECS Geoform**
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



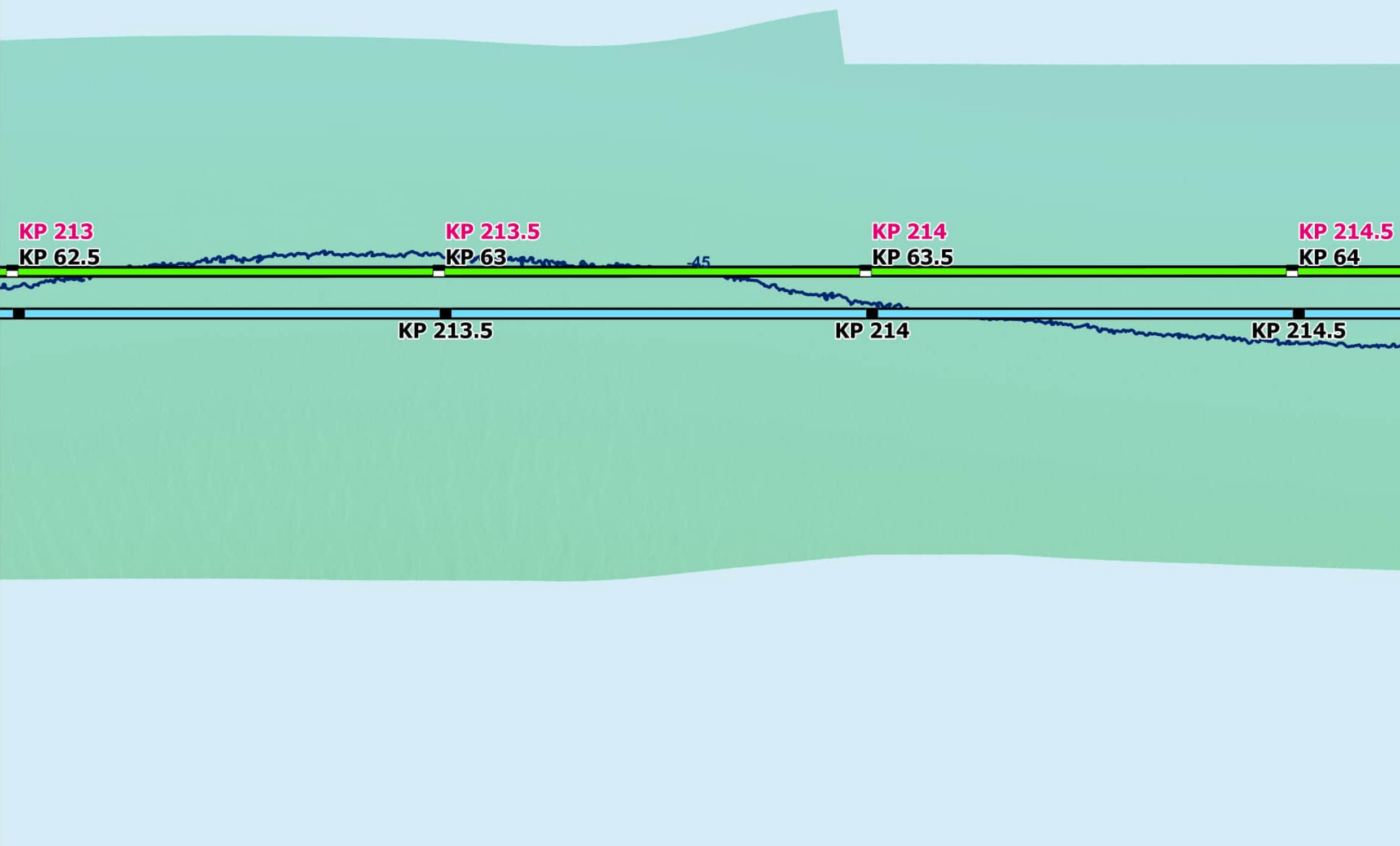
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 161

BW1 (NY) - KP 212 - KP 213
 BW2 (NY) - KP 212 - KP 213
 BW2 (CT) - KP 61 - KP 62.5

Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



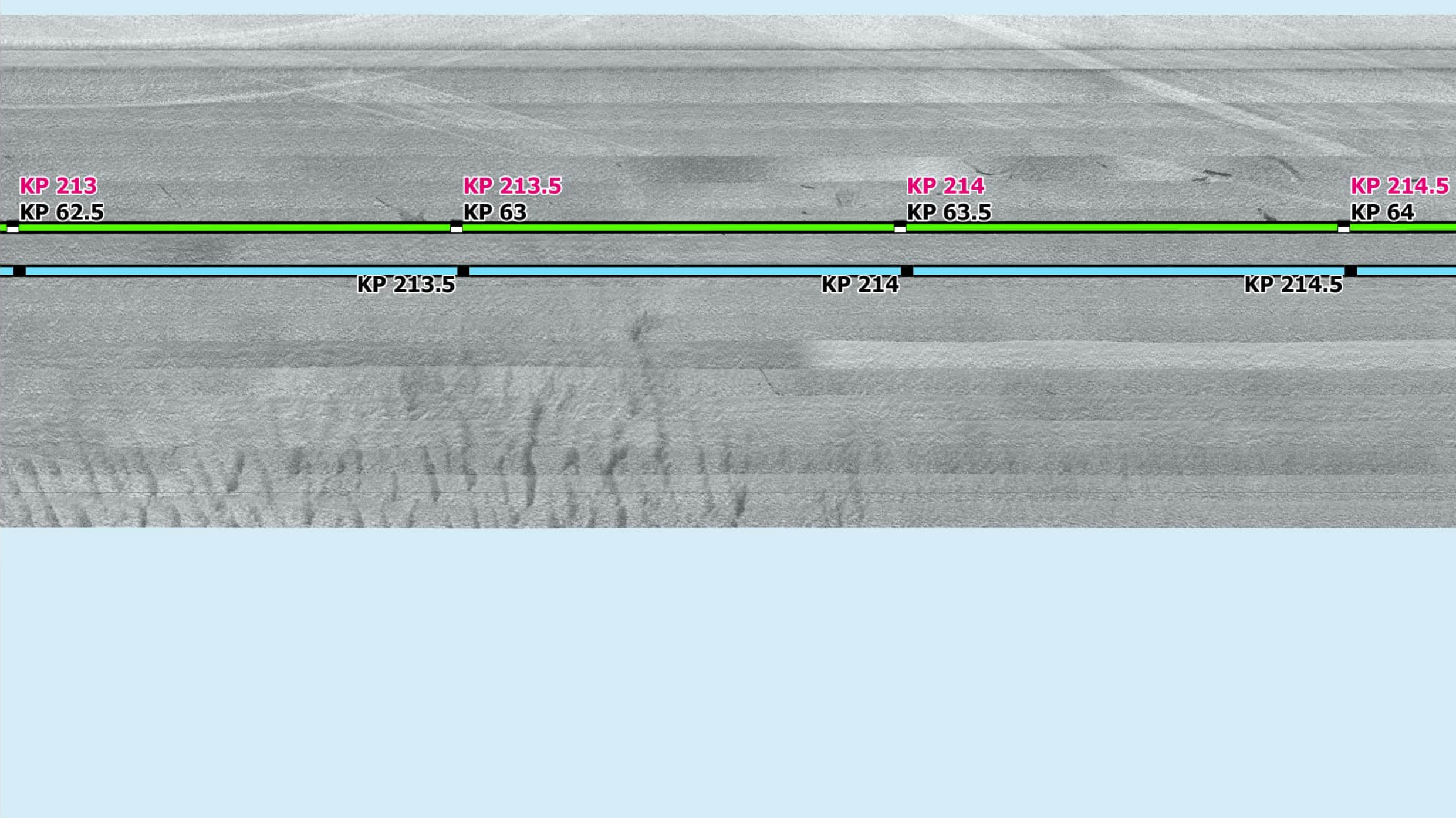
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



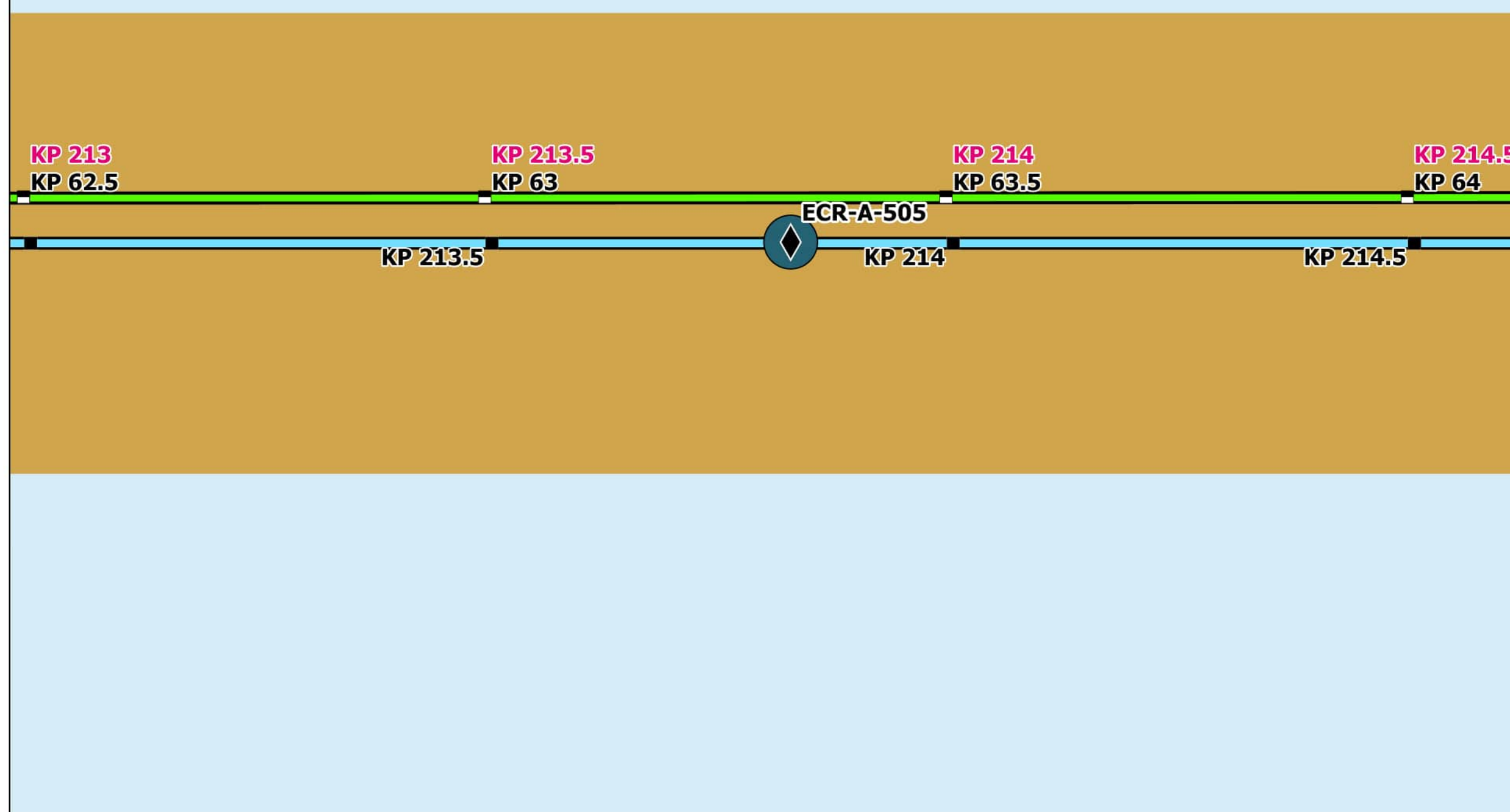
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

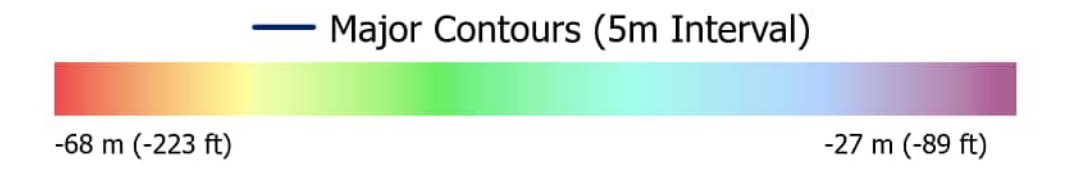


Map Book Package for Submarine Export Cable Route in Federal Waters

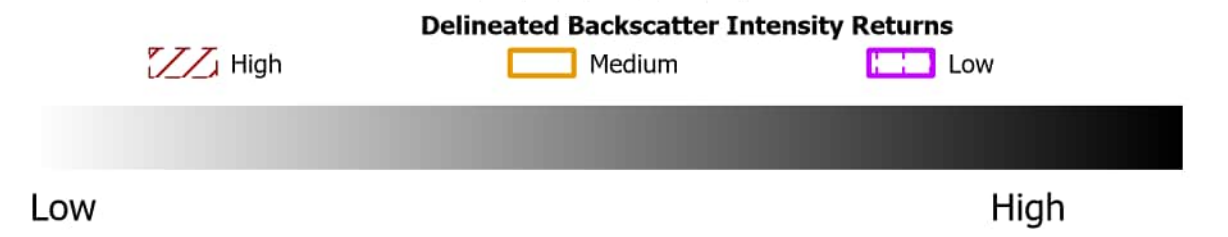


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar

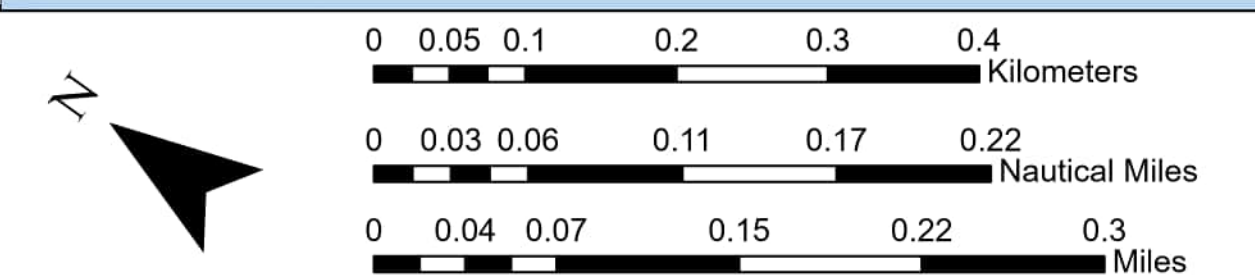
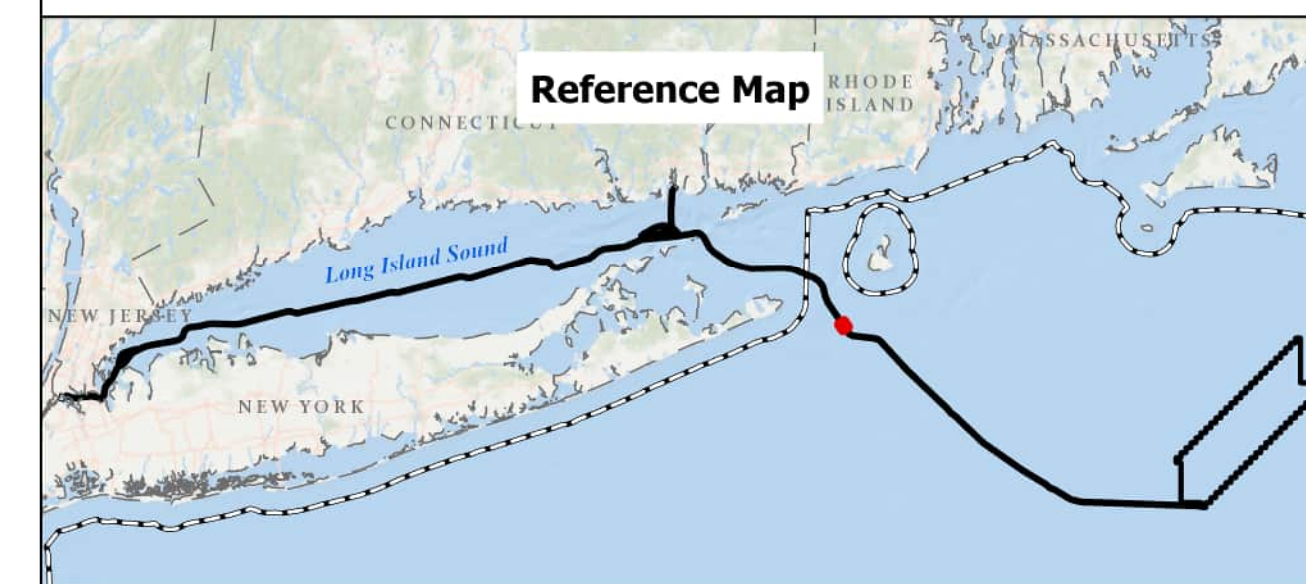


Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

- ◆ Station Type: SPI/PV
- CMECS Substrate: Sand
- Interpreted Seabed Sediment/NMFS Habitat Characterization: Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



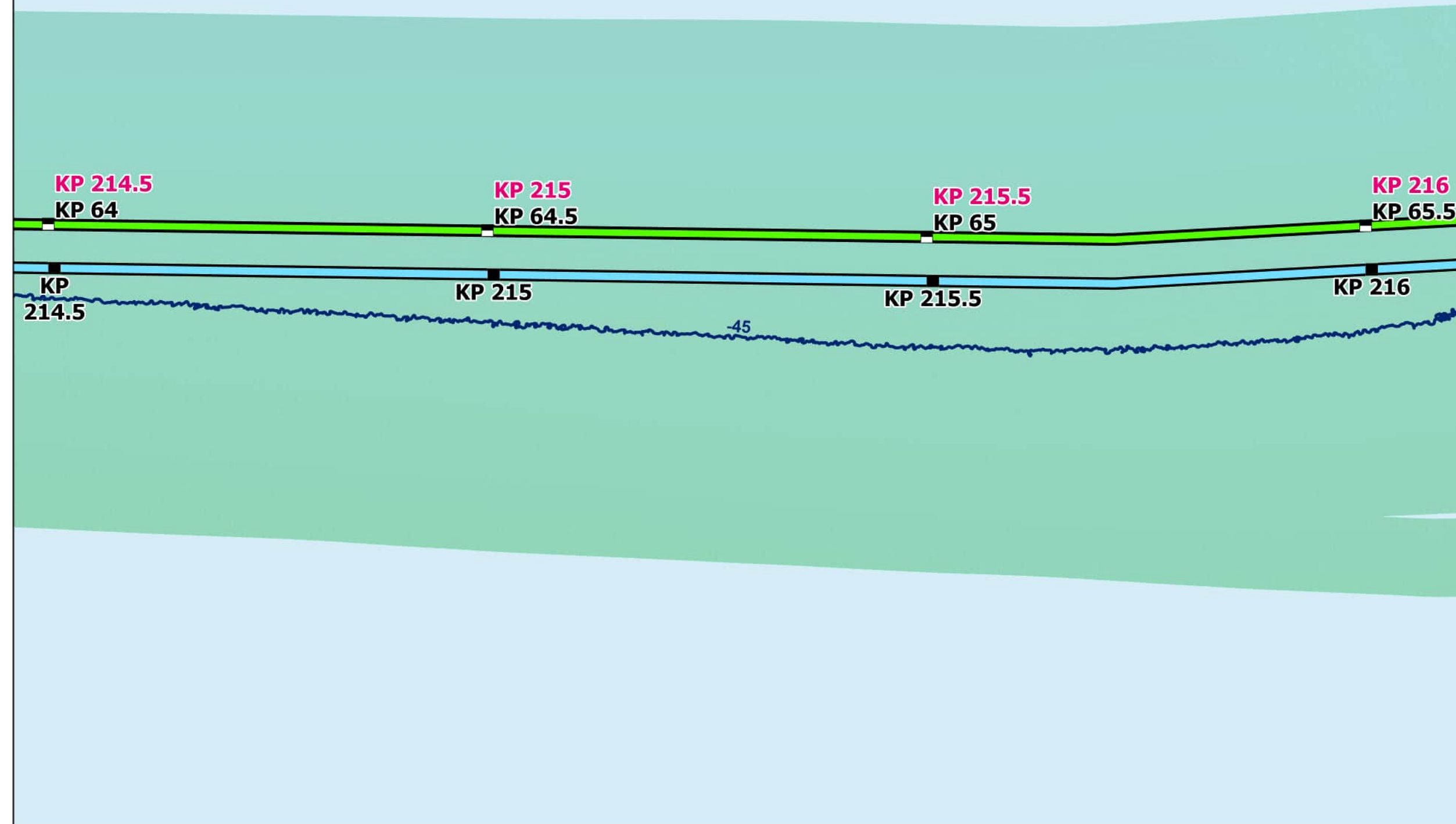
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 162

BW1 (NY) - KP 213 - KP 214.5
BW2 (NY) - KP 213 - KP 214.5
BW2 (CT) - KP 62.5 - KP 64

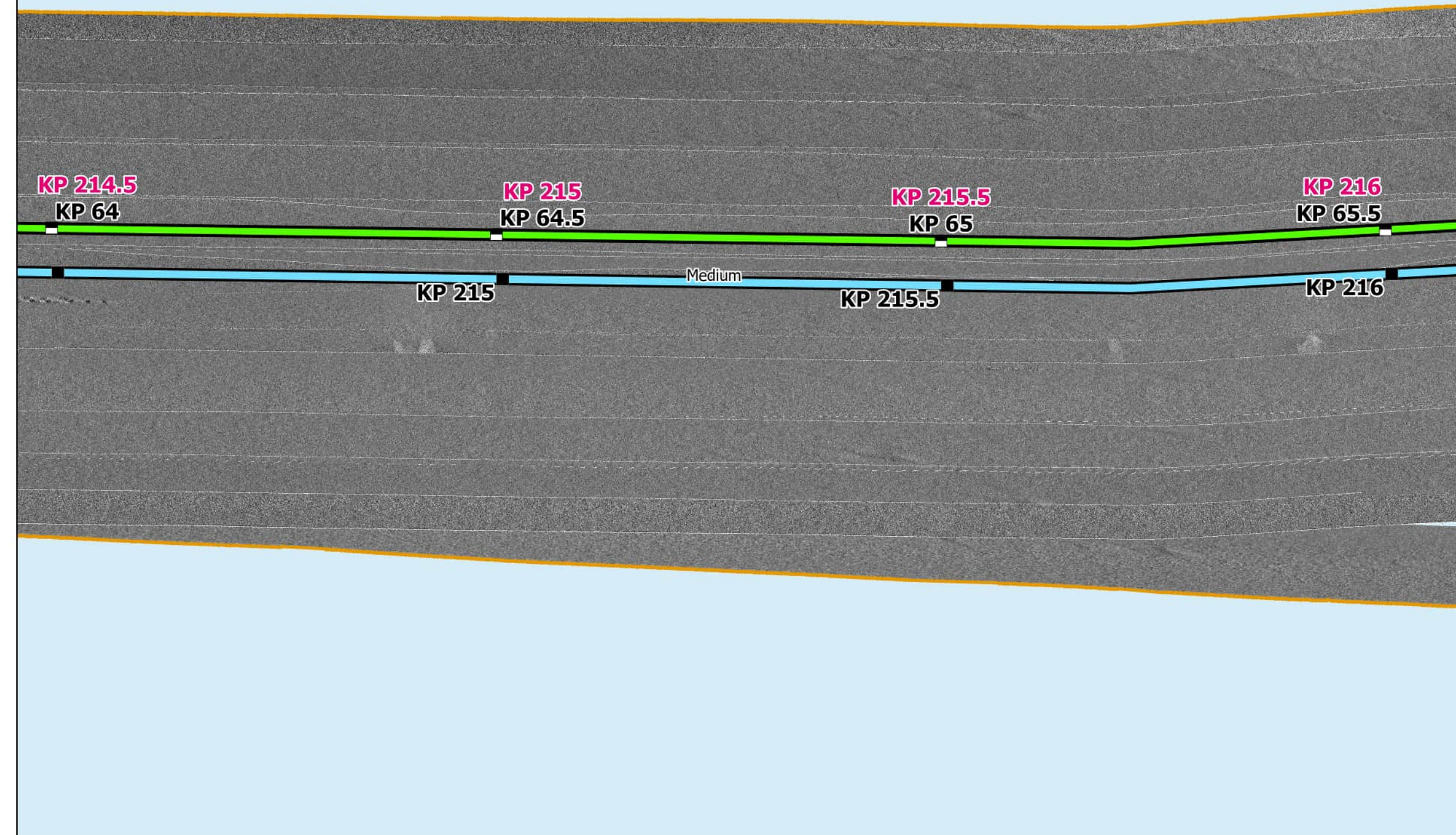
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



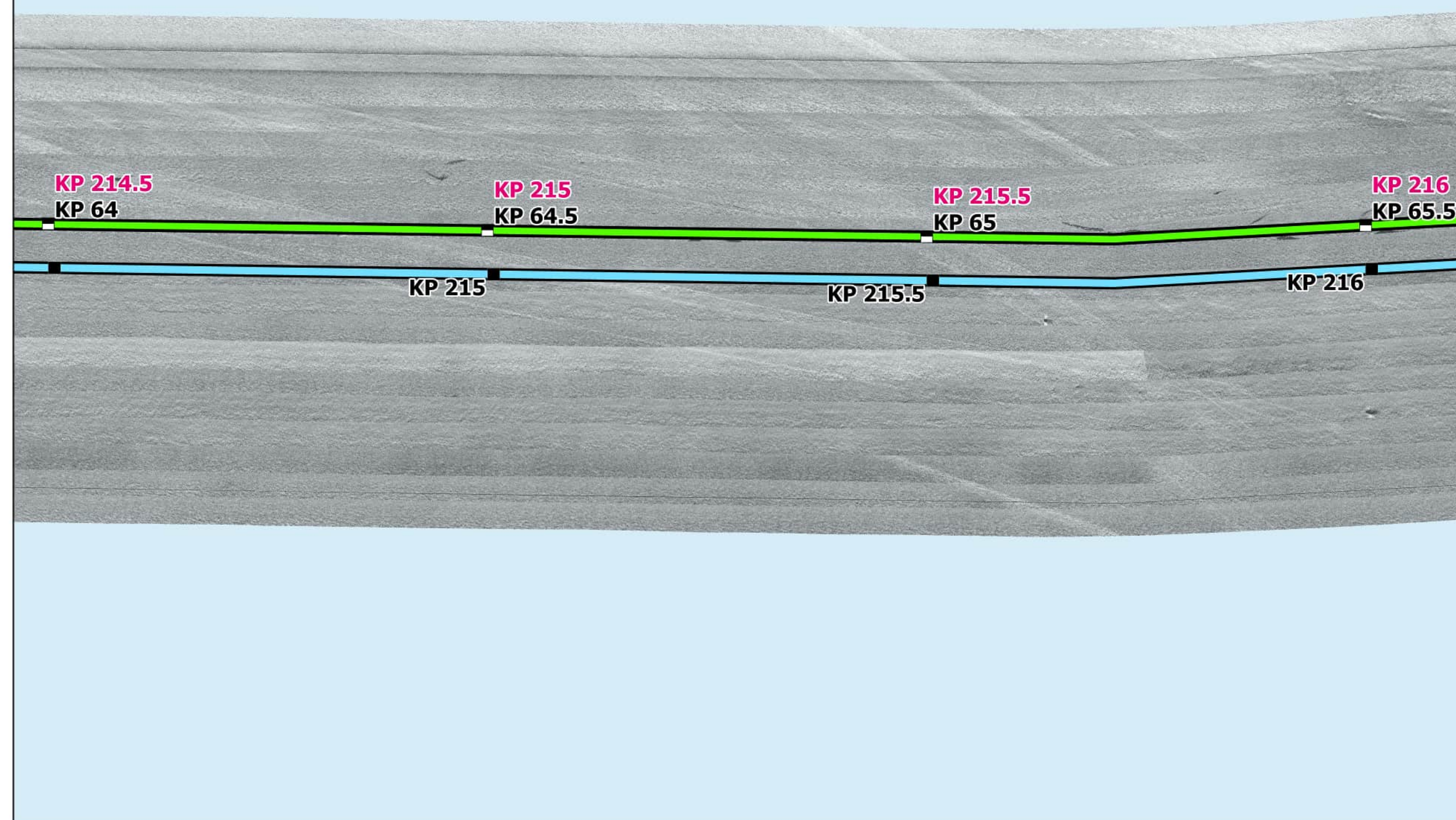
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



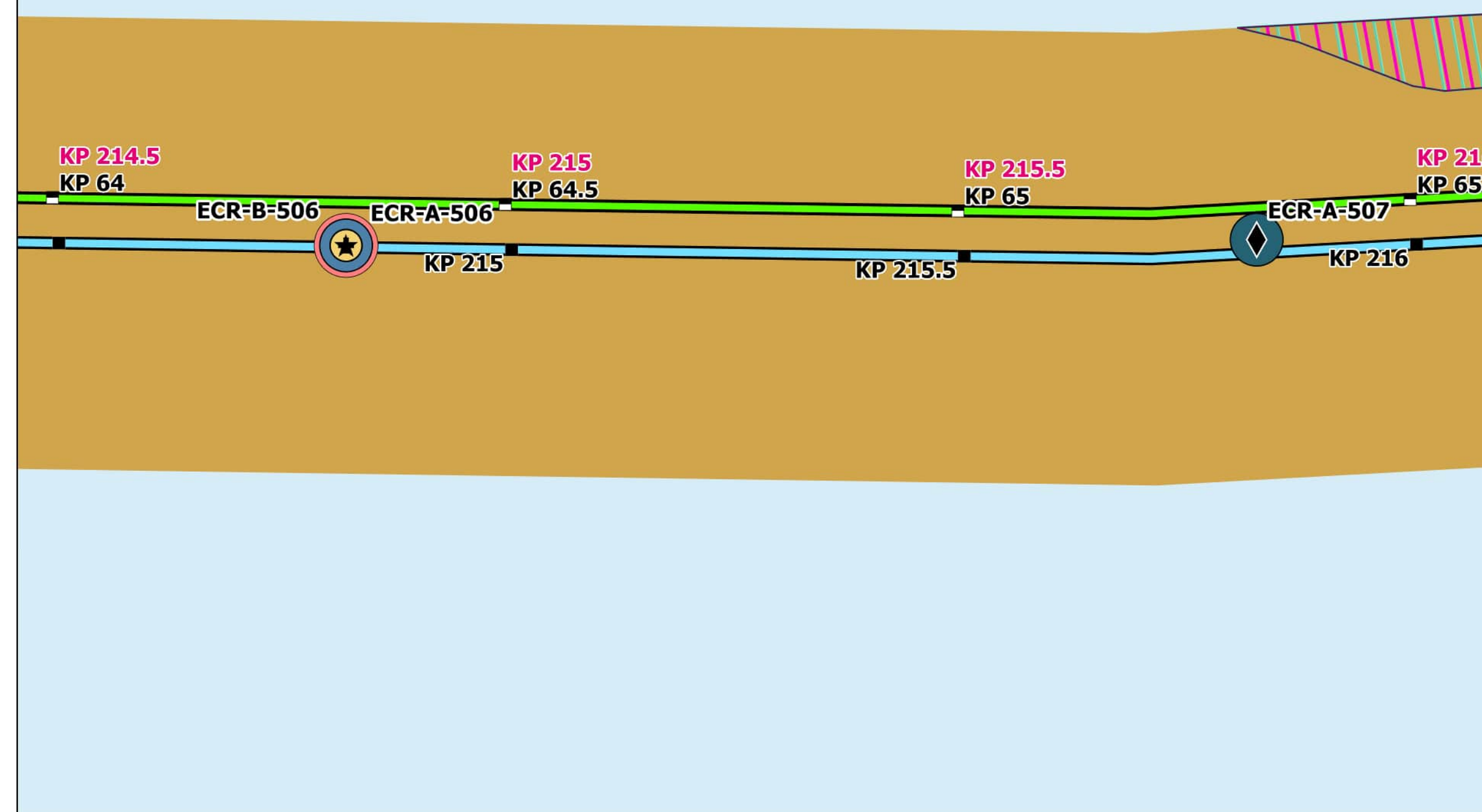
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

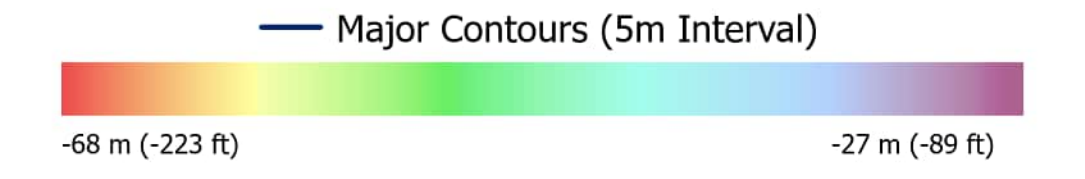
Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



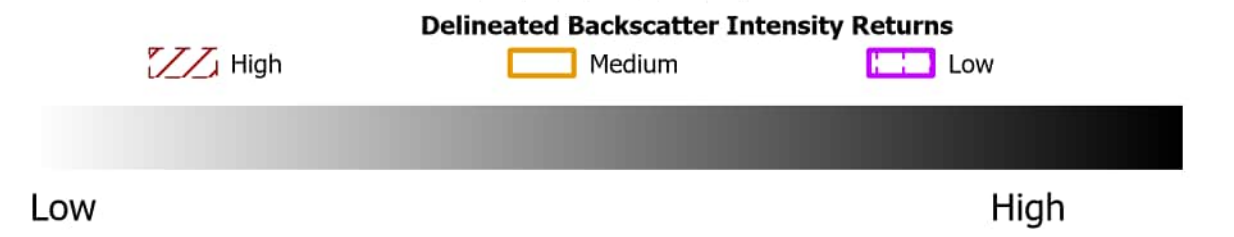
Map Book Package for Submarine Export Cable Route in Federal Waters



Bathymetry (MLLW)



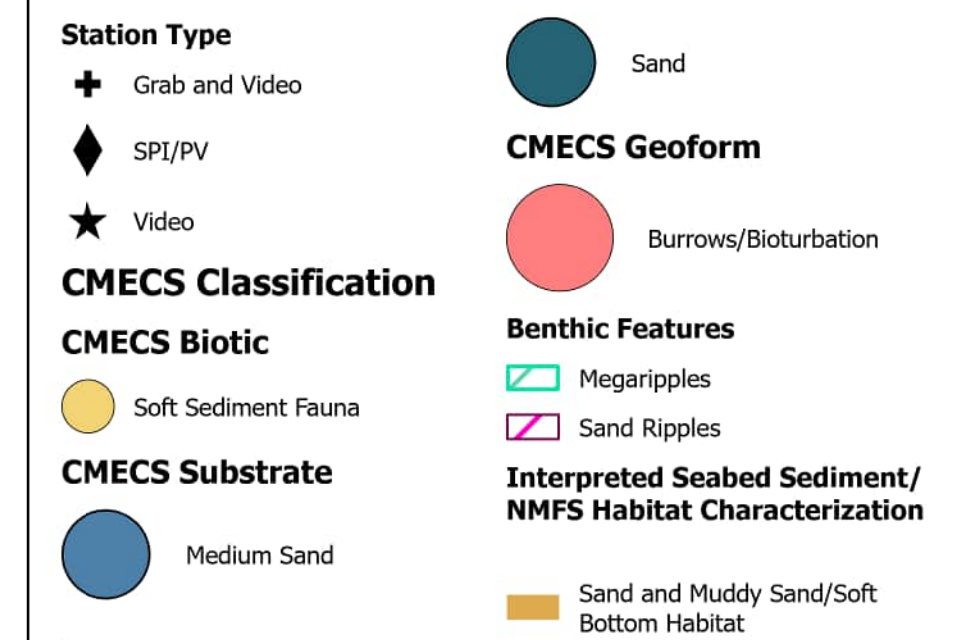
Backscatter



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

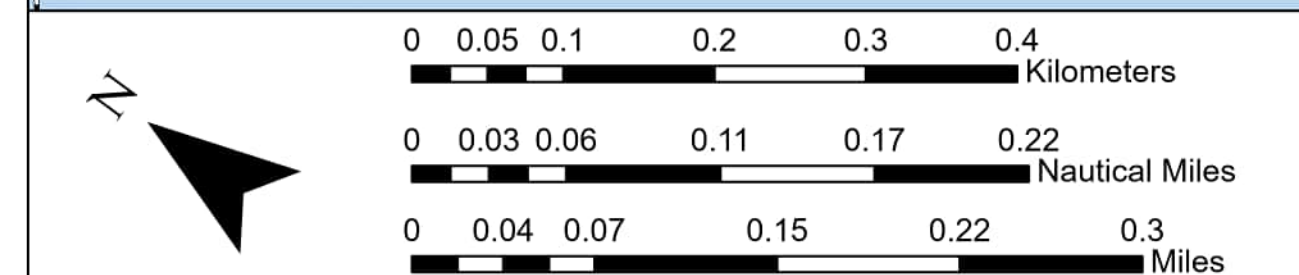
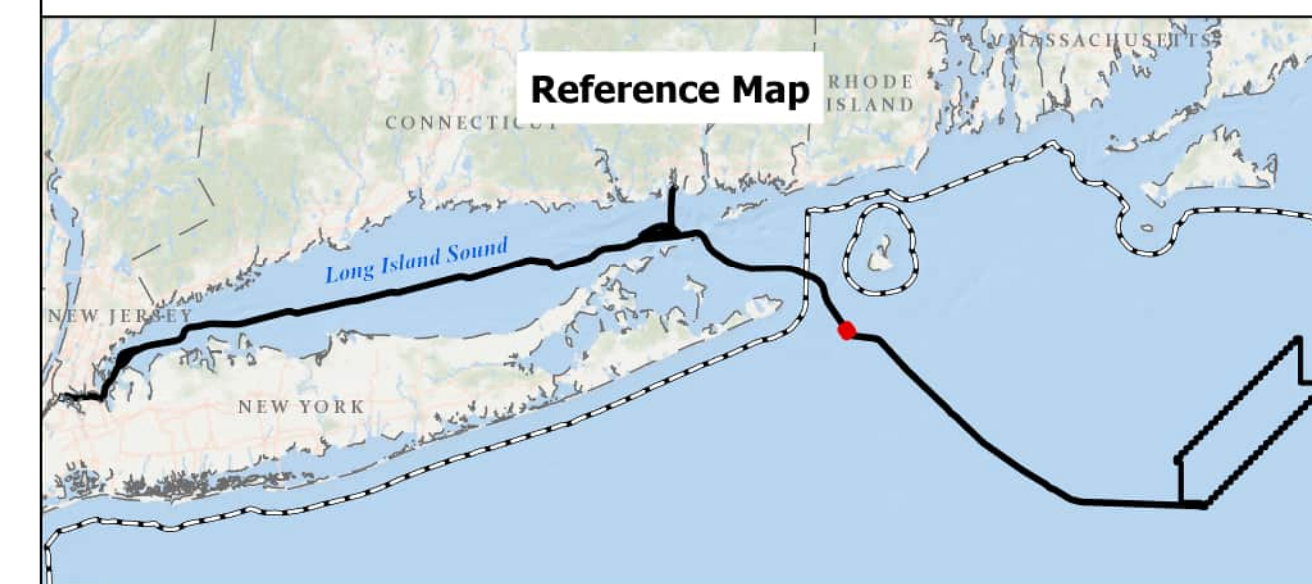


Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



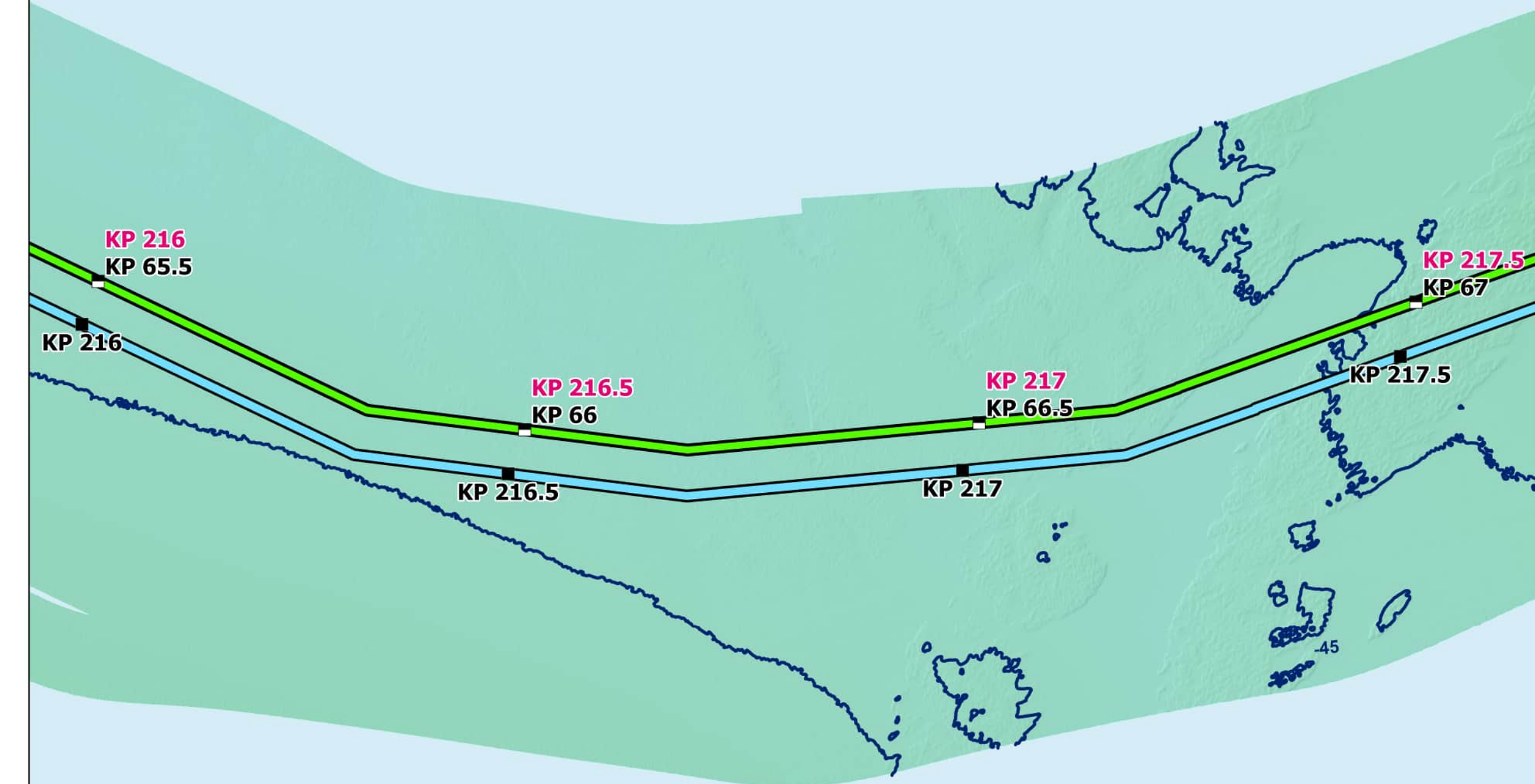
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 163

BW1 (NY) - KP 214.5 - KP 216
BW2 (NY) - KP 214.5 - KP 216
BW2 (CT) - KP 64 - KP 65.5

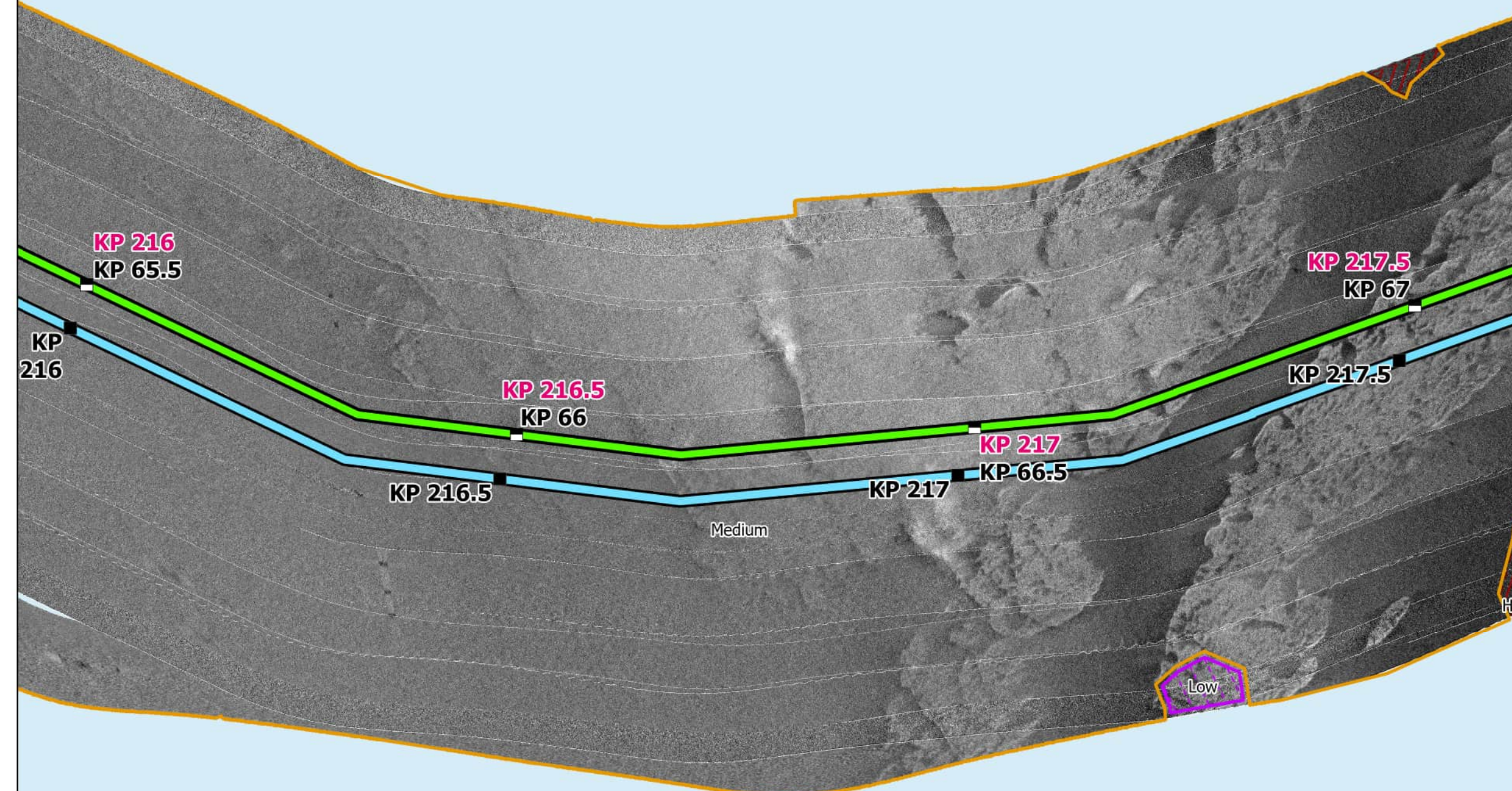
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



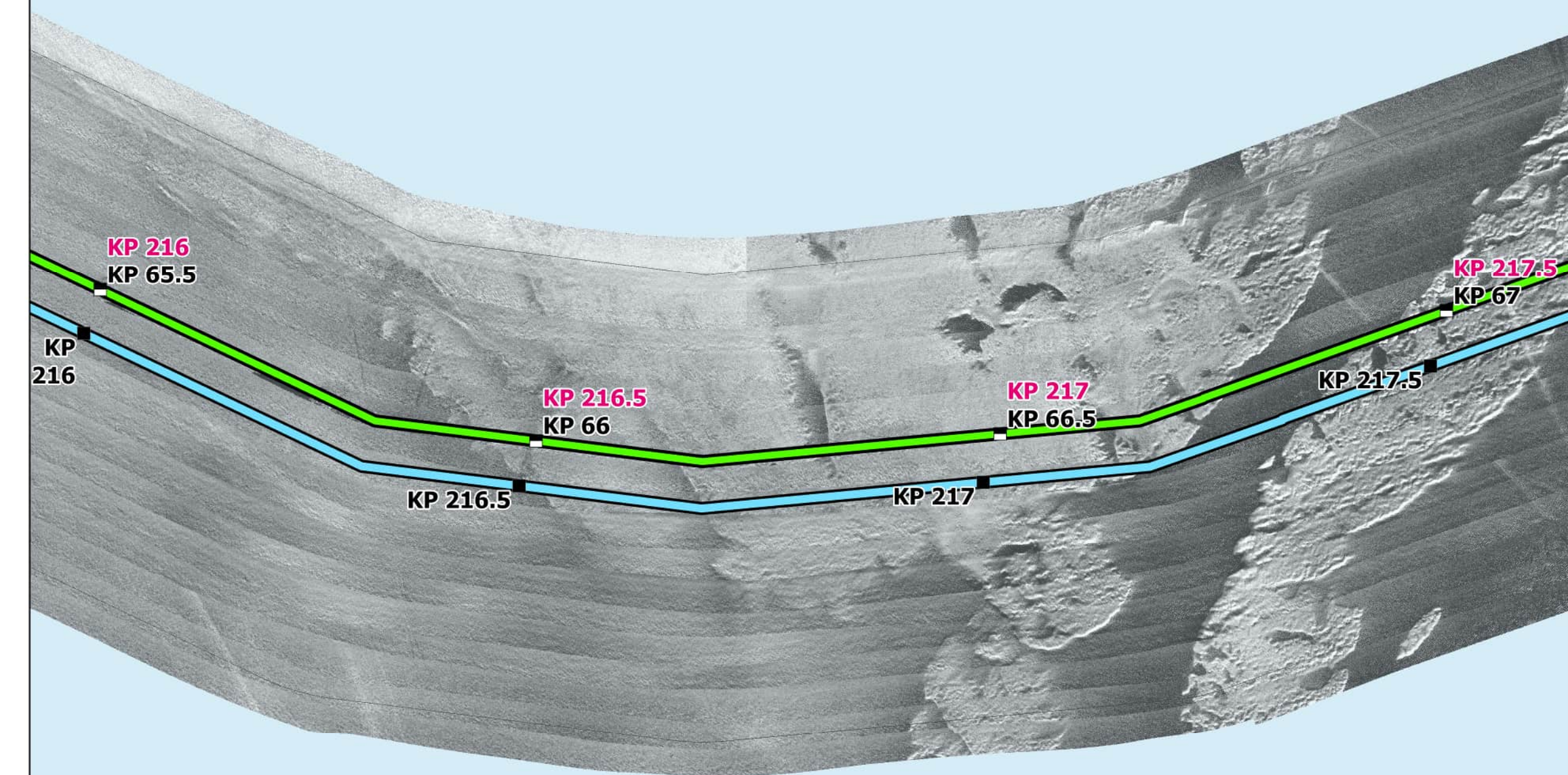
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

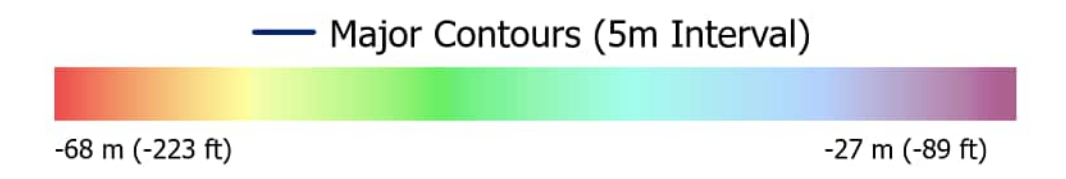


Map Book Package for Submarine Export Cable Route in Federal Waters



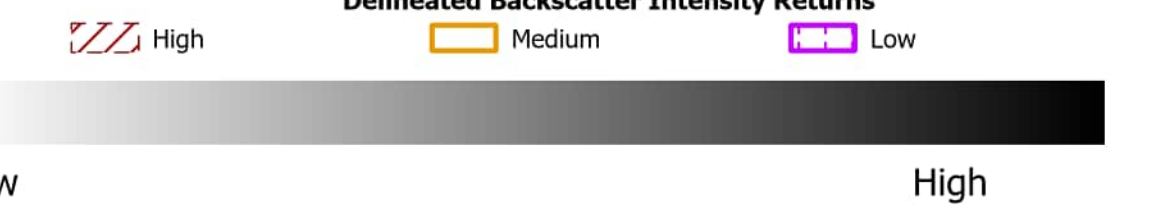
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

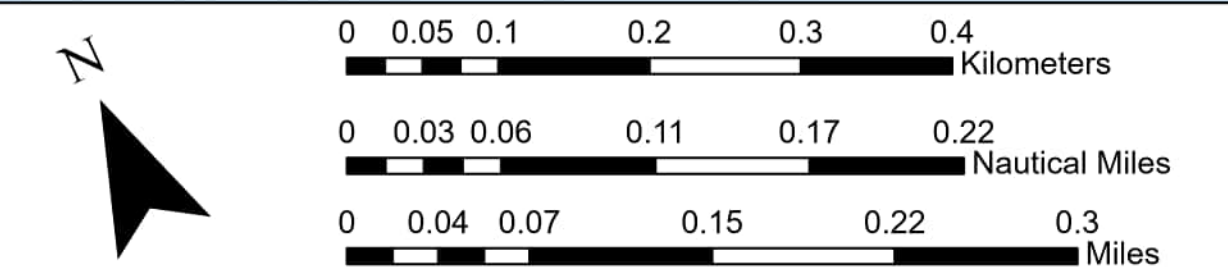
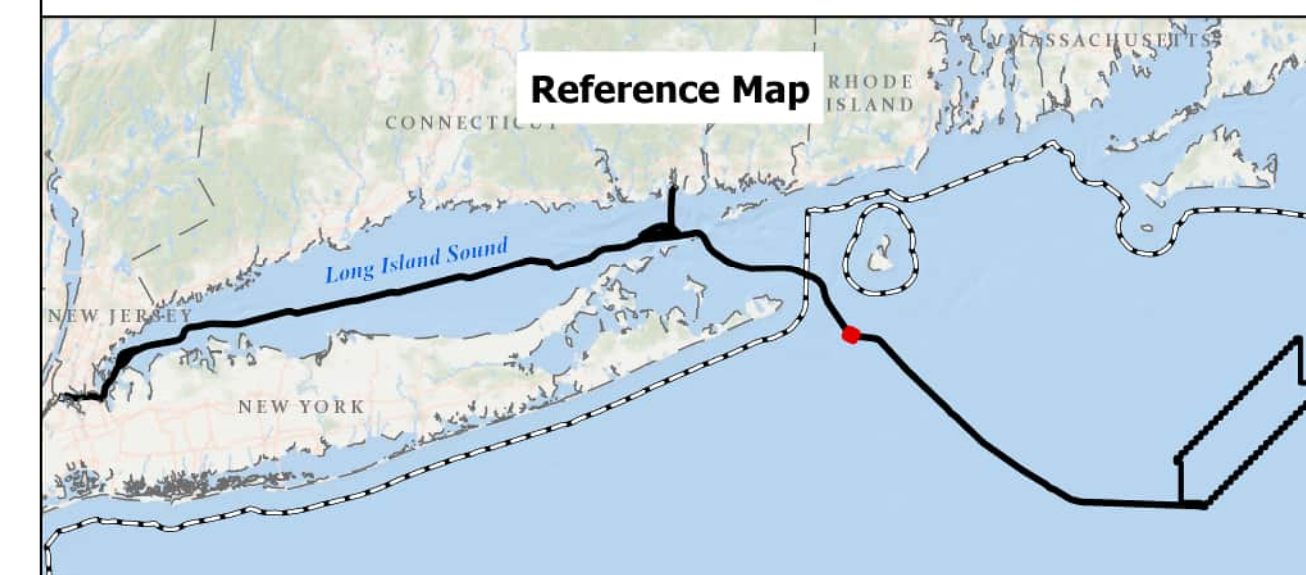
- | | |
|--|---|
| Station Type
+ Grab and Video
★ Video | CMECS Geoform
● Burrows/Bioturbation |
| CMECS Biotic
● Soft Sediment Fauna | Benthic Features
▨ Megaripples
▨ Sand Ripples |
| CMECS Substrate
● Muddy Sand | Interpreted Seabed Sediment/
NMFS Habitat Characterization
■ Mud and Sandy Mud/Soft Bottom Habitat
■ Sand and Muddy Sand/Soft Bottom Habitat |

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



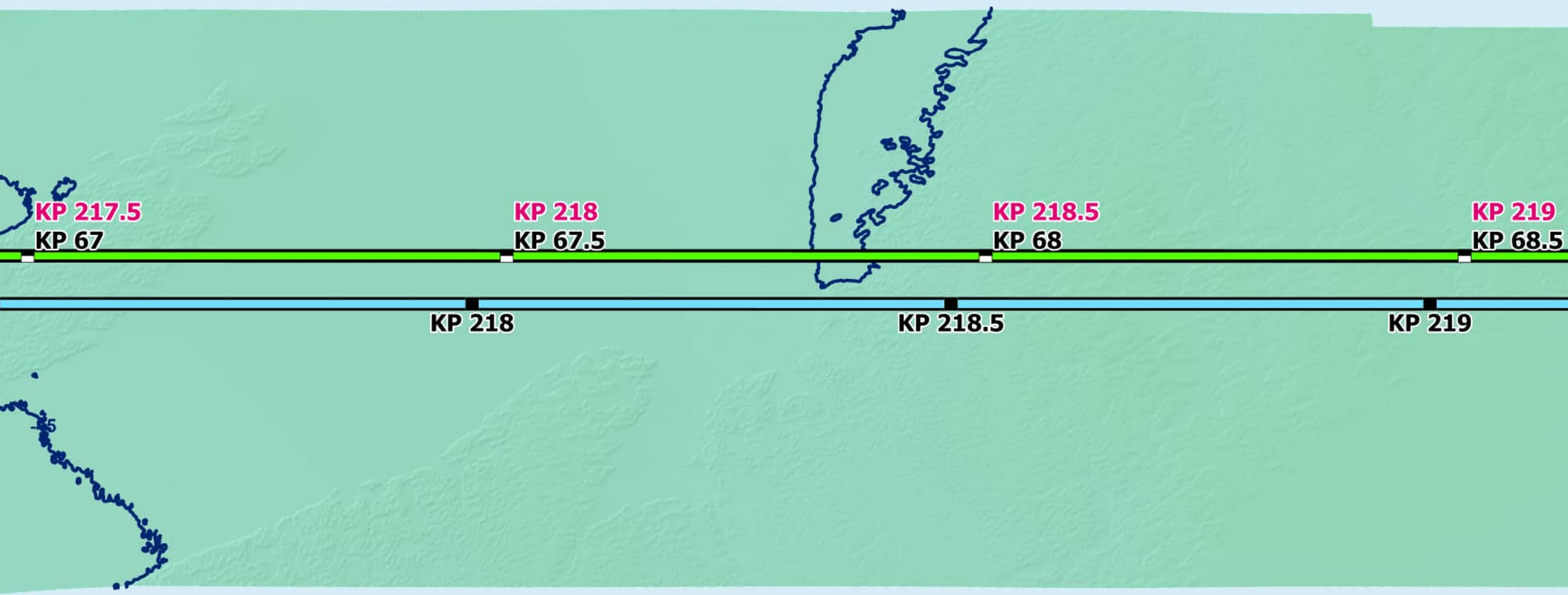
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 164

BW1 (NY) - KP 216 - KP 217.5
 BW2 (NY) - KP 216 - KP 217.5
 BW2 (CT) - KP 66.5 - KP 67

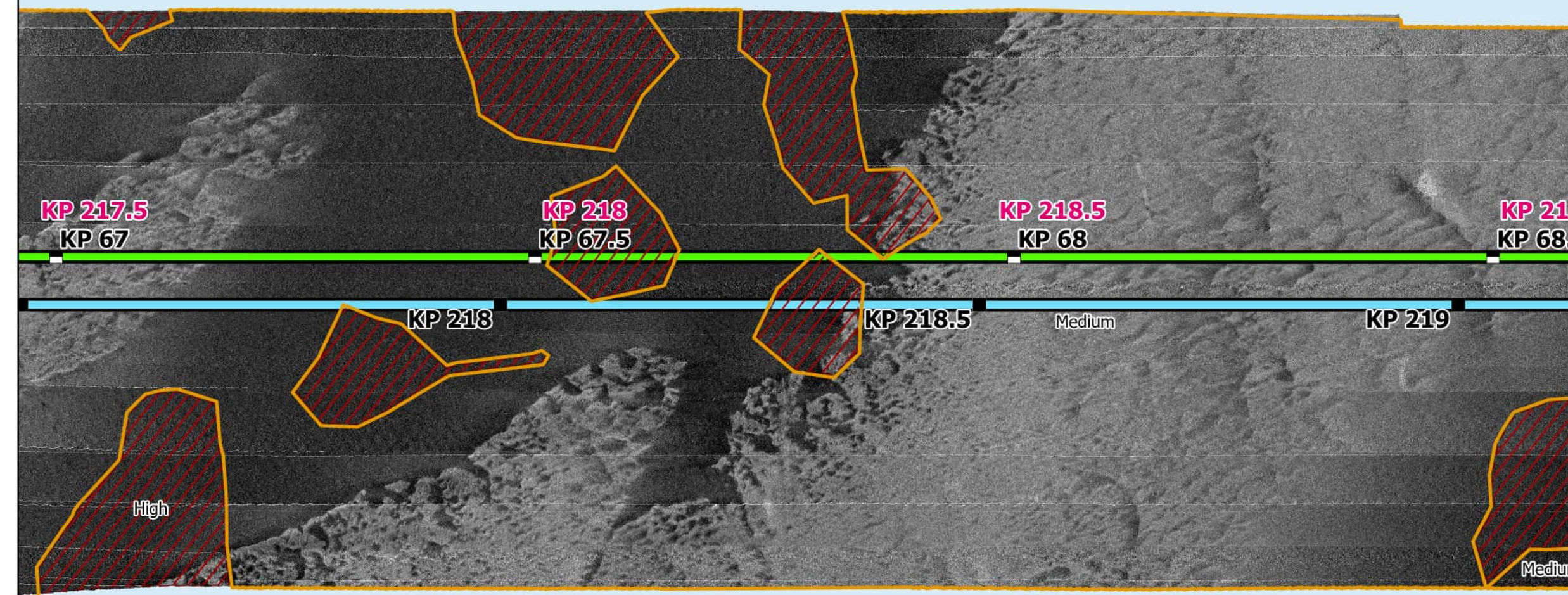
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



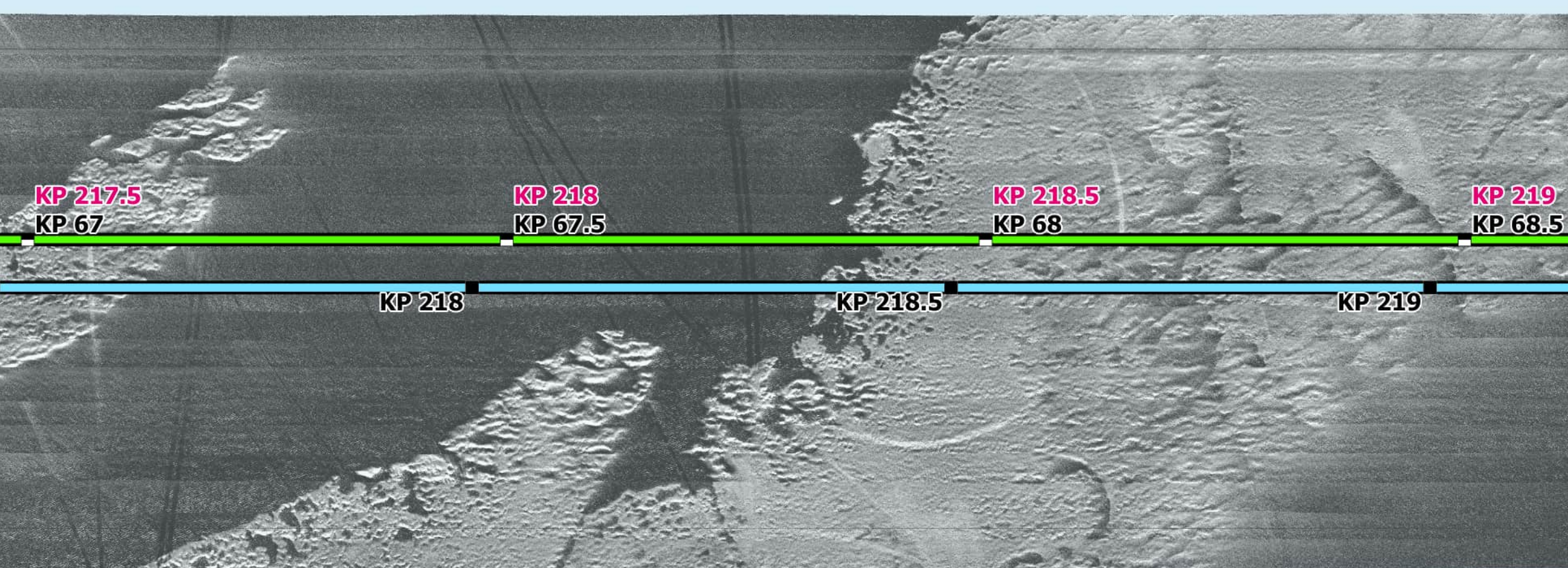
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



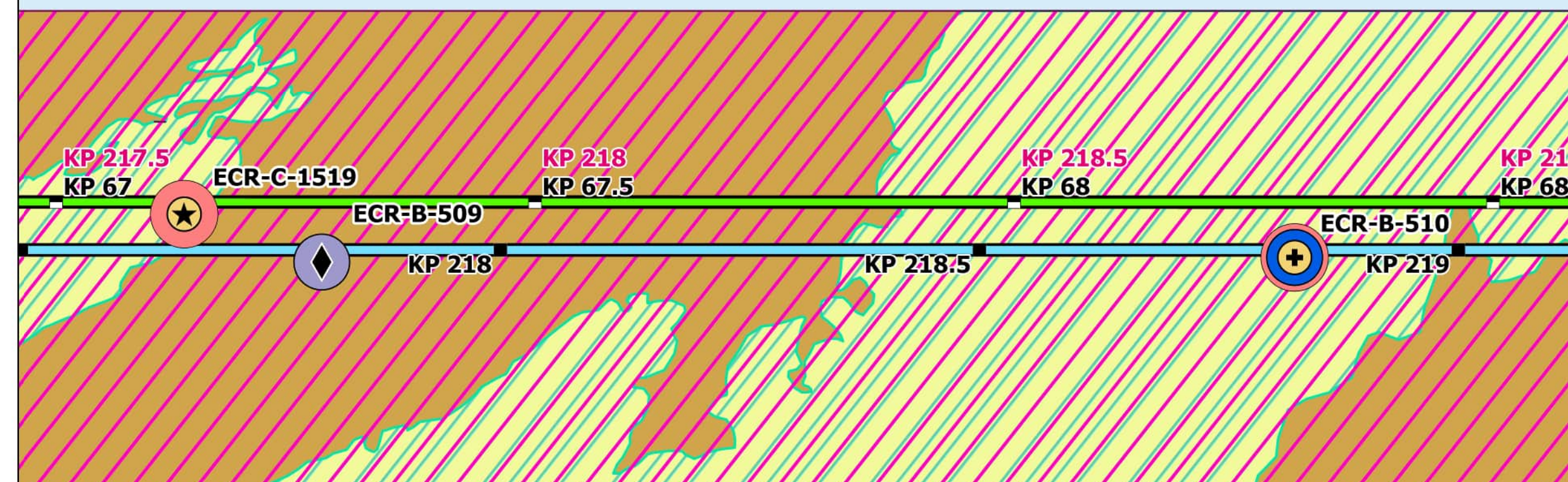
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

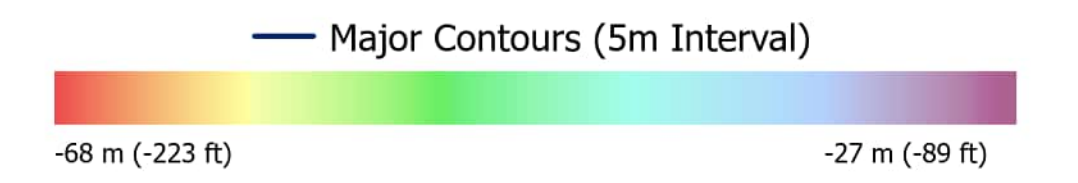


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

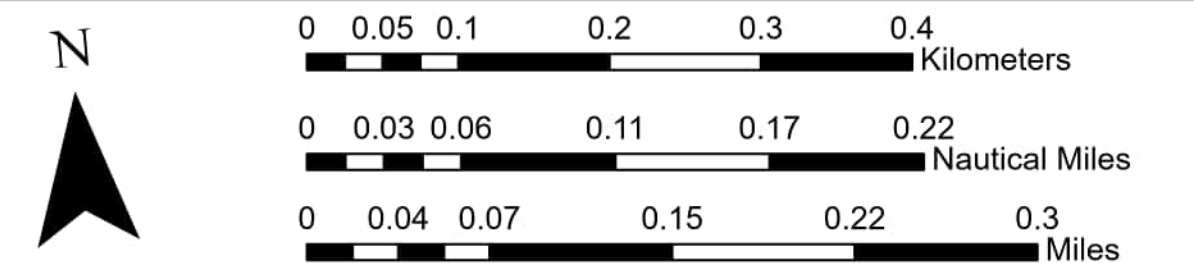
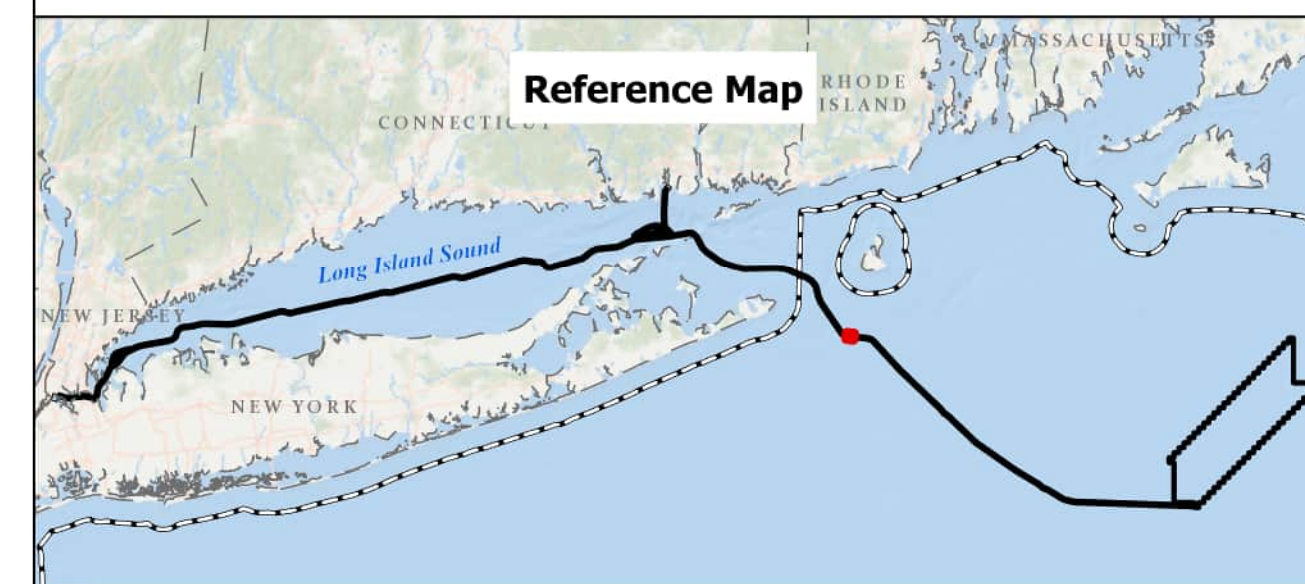
- Station Type**
- + Grab and Video
 - ◆ SPI/PV
 - ★ Video
- CMECS Classification**
- Soft Sediment Fauna
 - Gravelly
- CMECS Biotic**
- Muddy Sand
 - Burrows/Bioturbation
- CMECS Substrate**
- Sand and Muddy Sand/Soft Bottom Habitat
 - Mud and Sandy Mud/Soft Bottom Habitat
- Benthic Features**
- Megaripples
 - Sand Ripples
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
- Mud and Sandy Mud/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



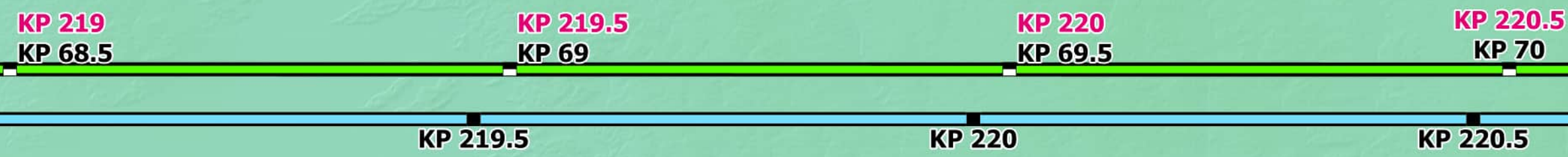
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 165

BW1 (NY) - KP 217.5 - KP 219
BW2 (NY) - KP 217.5 - KP 219
BW2 (CT) - KP 67 - KP 68.5

Bathymetry

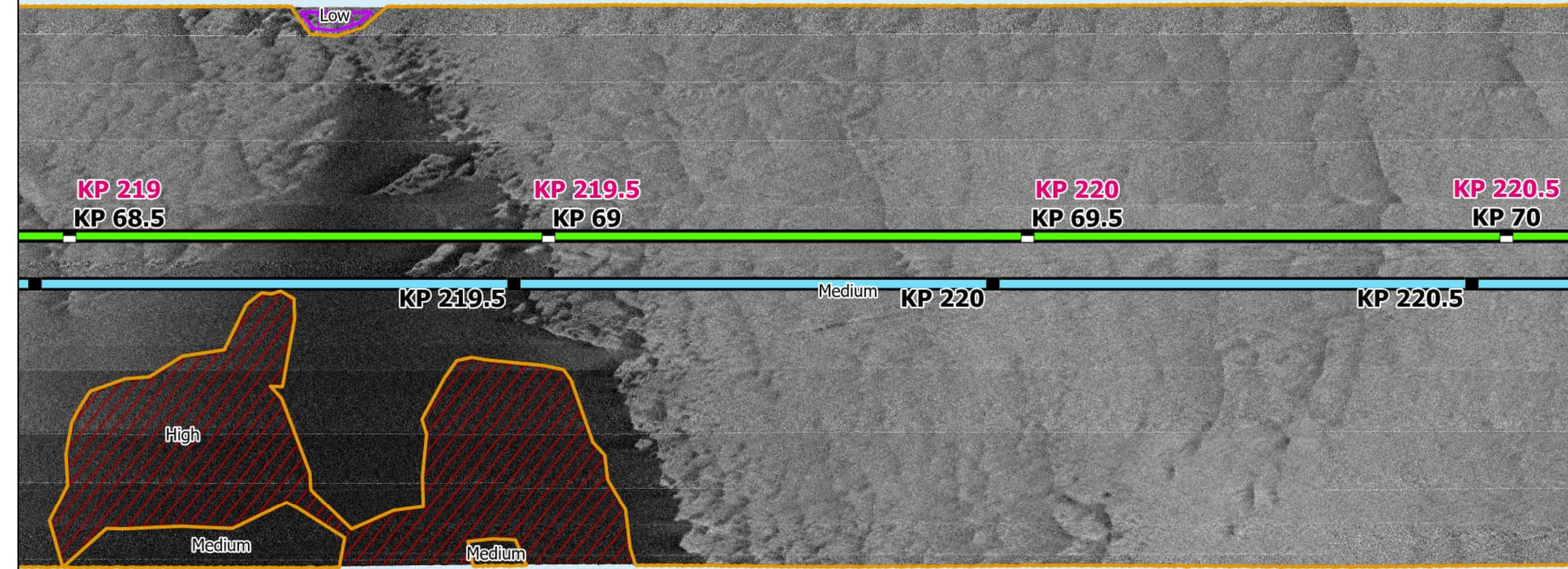
Sources: ESRI (2019), Bathymetry (MMT, 2021)



KP 219.5 KP 220 KP 220.5

Backscatter

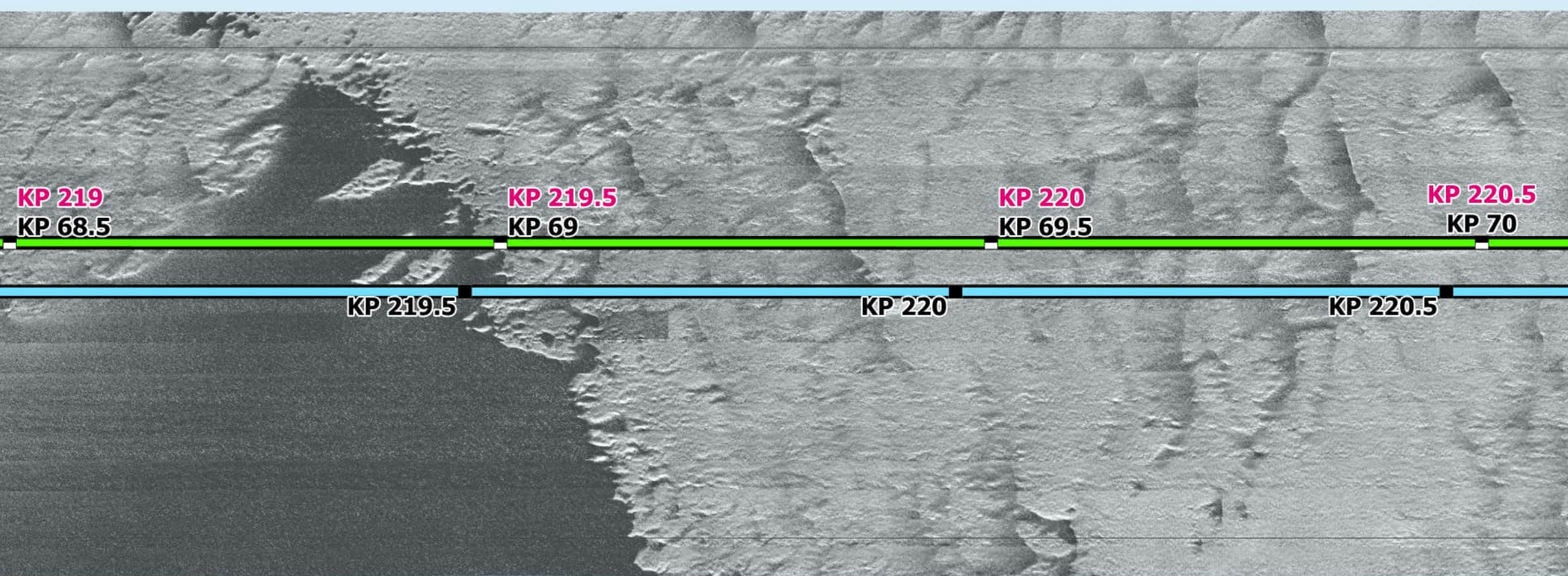
Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



KP 219.5 Medium KP 220 KP 220.5

Side Scan Sonar

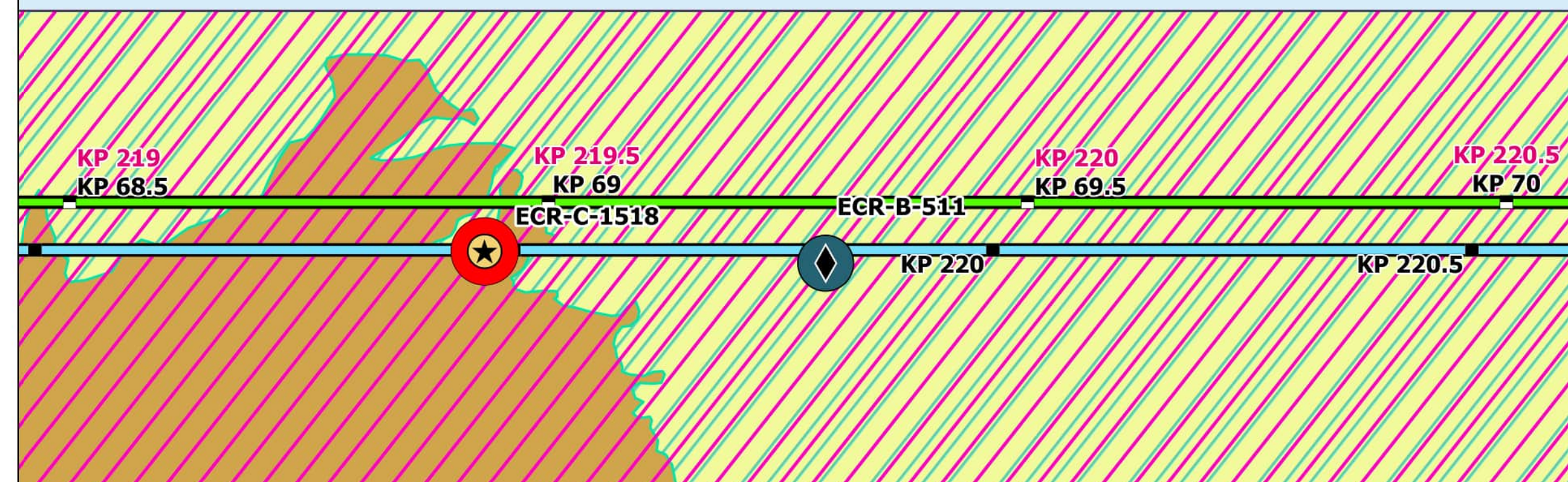
Sources: ESRI (2019), Side Scan (MMT, 2021)



KP 219.5 KP 220 KP 220.5

Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



KP 219.5 KP 220 KP 220.5

Map Book Package for Submarine Export Cable Route in Federal Waters



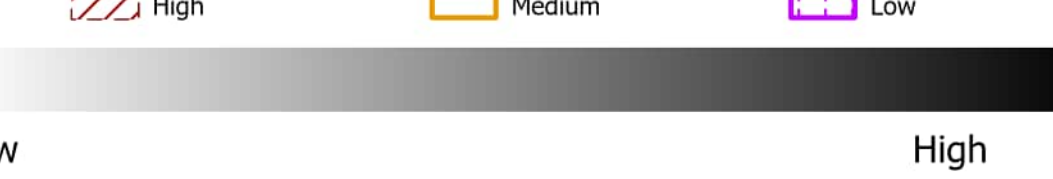
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar

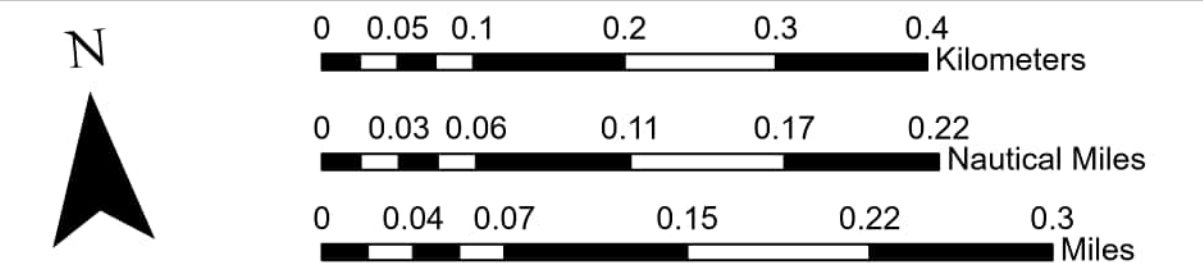
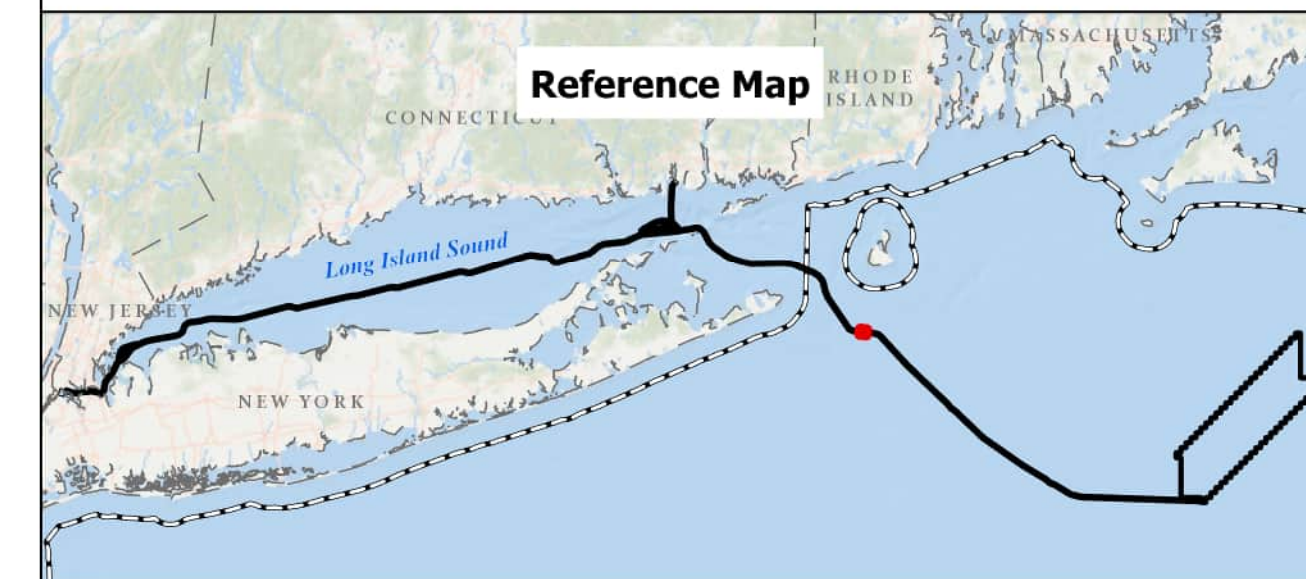


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- ◆ SPI/PV
- ★ Video
- CMECS Biotic: Soft Sediment Fauna
- CMECS Substrate: Sand
- CMECS Geoform: Boulder Field
- Benthic Features: Megaripples, Sand Ripples
- Interpreted Seabed Sediment/NMFS Habitat Characterization: Mud and Sandy Mud/Soft Bottom Habitat, Sand and Muddy Sand/Soft Bottom Habitat

Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



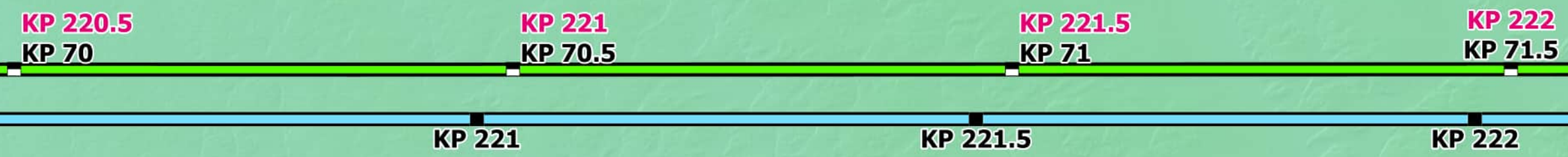
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 166

BW1 (NY) - KP 219 - KP 220.5
BW2 (NY) - KP 219 - KP 220.5
BW2 (CT) - KP 68.5 - KP 70

Bathymetry

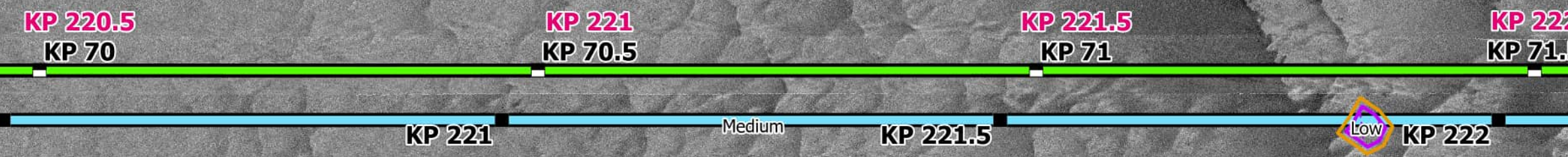
Sources: ESRI (2019), Bathymetry (MMT, 2021)



KP 221 KP 221.5 KP 222

Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



KP 221 Medium KP 221.5 Low KP 222

Map Book Package for Submarine Export Cable Route in Federal Waters

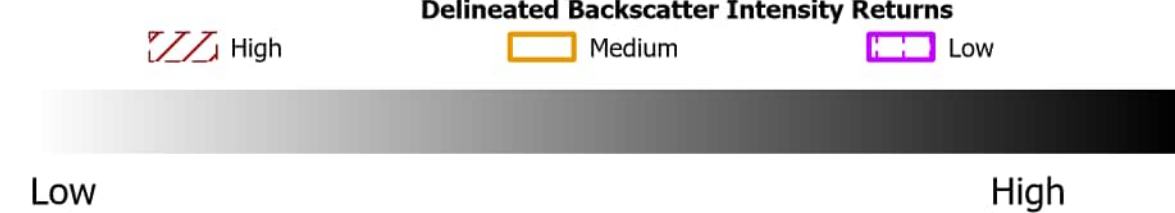


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | |
|--|--|
| Station Type
+ Grab and Video
◆ SPI/PV | CMECS Geoform
● Burrows/Bioturbation |
| CMECS Classification
● Sand Dollar Bed
● Gravel Mixes
● Muddy Sand | Benthic Features
▭ Megaripples
▭ Sand Ripples
Interpreted Seabed Sediment/NMFS Habitat Characterization
▭ Mud and Sandy Mud/Soft Bottom Habitat
▭ Sand and Muddy Sand/Soft Bottom Habitat |
- Note:
1) Legend only shows items visible in the current map extent.

Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



KP 221 KP 221.5 KP 222

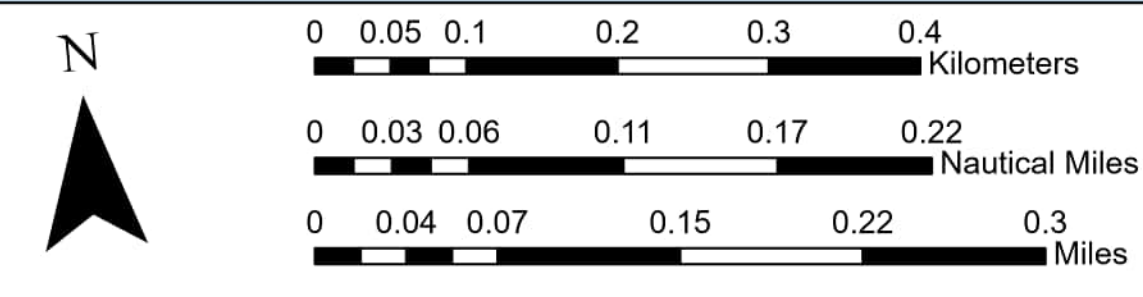
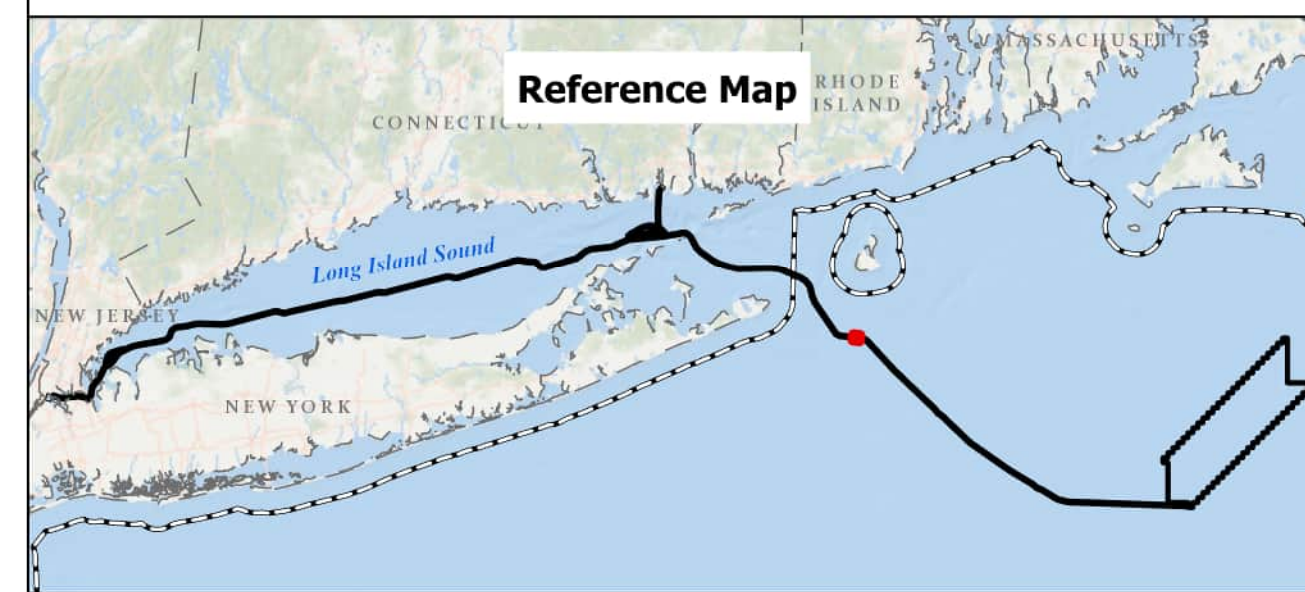
Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



KP 221 KP 221.5 KP 222

Prepared By: AECOM
Date: 2/28/2023 Scale: 1:5,000



BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 167

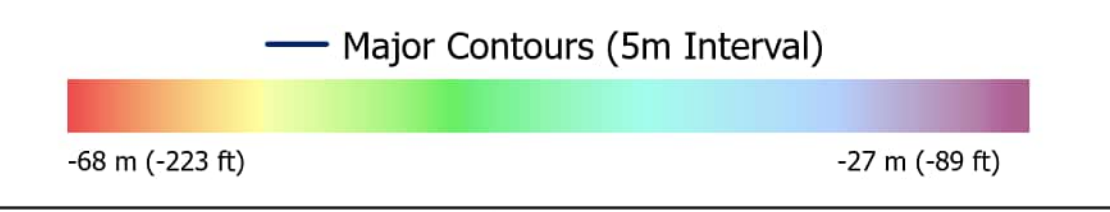
BW1 (NY) - KP 220.5 - KP 222
BW2 (NY) - KP 220.5 - KP 222
BW2 (CT) - KP 70 - KP 71.5

Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar

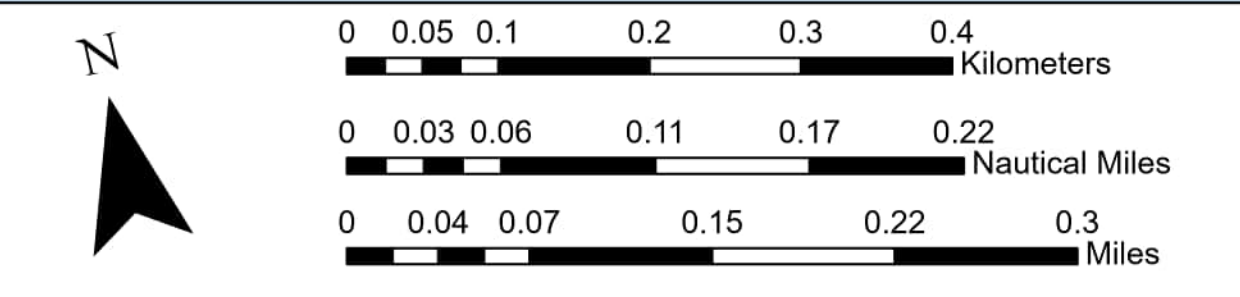
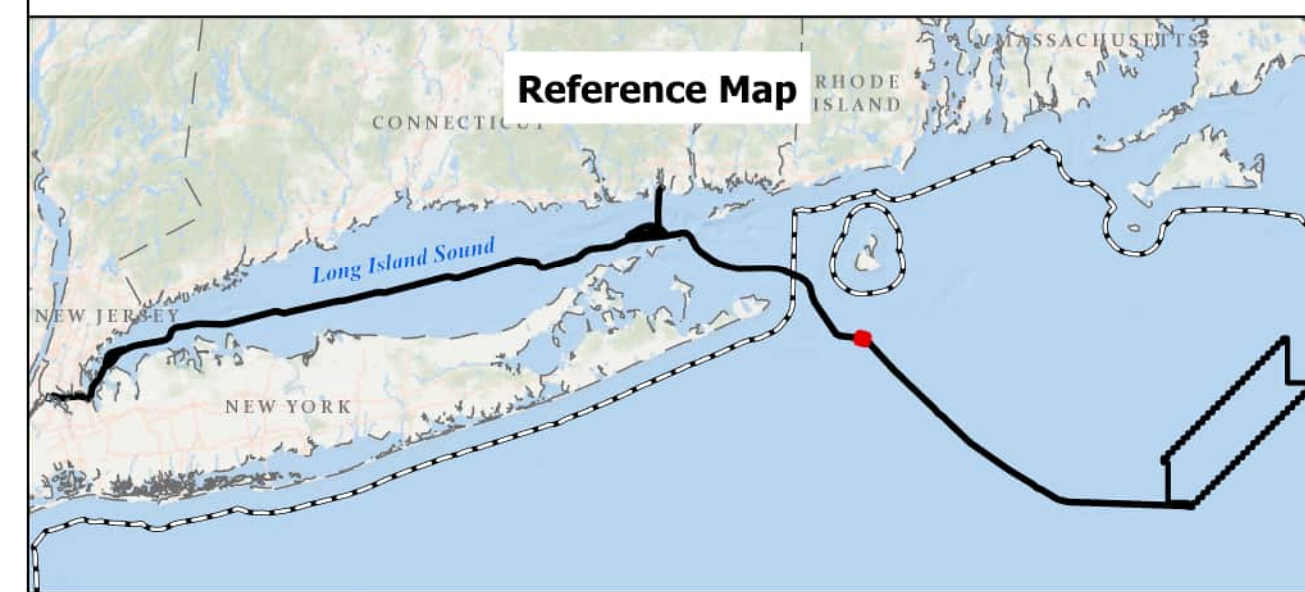


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | | |
|-----------------------------|--|---------------------------------------|
| Station Type | CMECS Geoform | Mixed Sediment/Complex Habitat |
| ✚ Grab and Video | ● Burrows/Bioturbation | |
| ★ Video | | |
| CMECS Classification | Benthic Features | |
| ● Sand Dollar Bed | ▭ Megaripples | |
| ● Soft Sediment Fauna | ▭ Sand Ripples | |
| CMECS Substrate | Interpreted Seabed Sediment/NMFS Habitat Characterization | |
| ● Gravelly Muddy Sand | ■ Mud and Sandy Mud/Soft Bottom Habitat | |
| | ■ Sand and Muddy Sand/Soft Bottom Habitat | |

Note:
1) Legend only shows items visible in the current map extent.

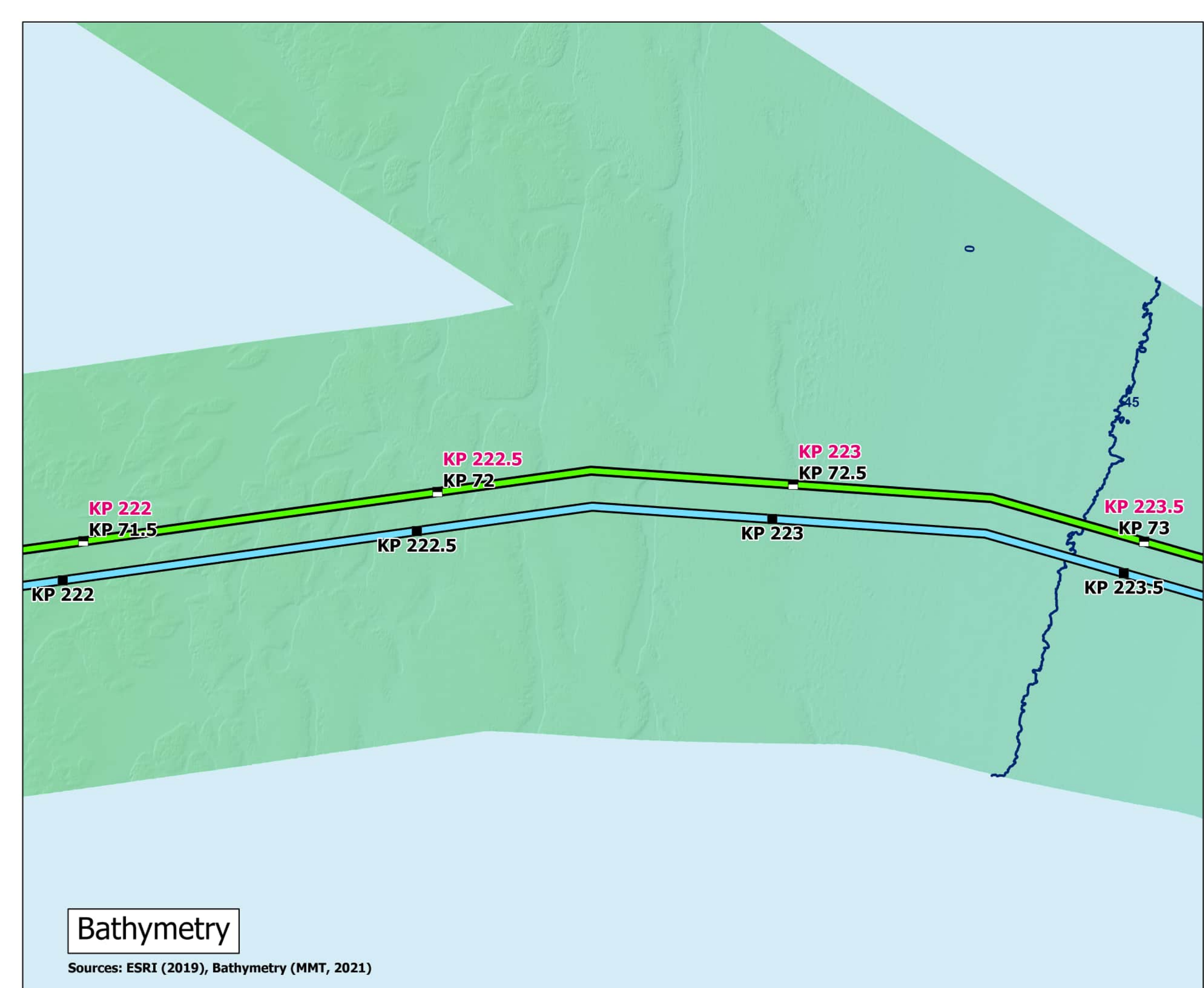
Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



BEACON WIND LEASE AREA OCS-A 0520

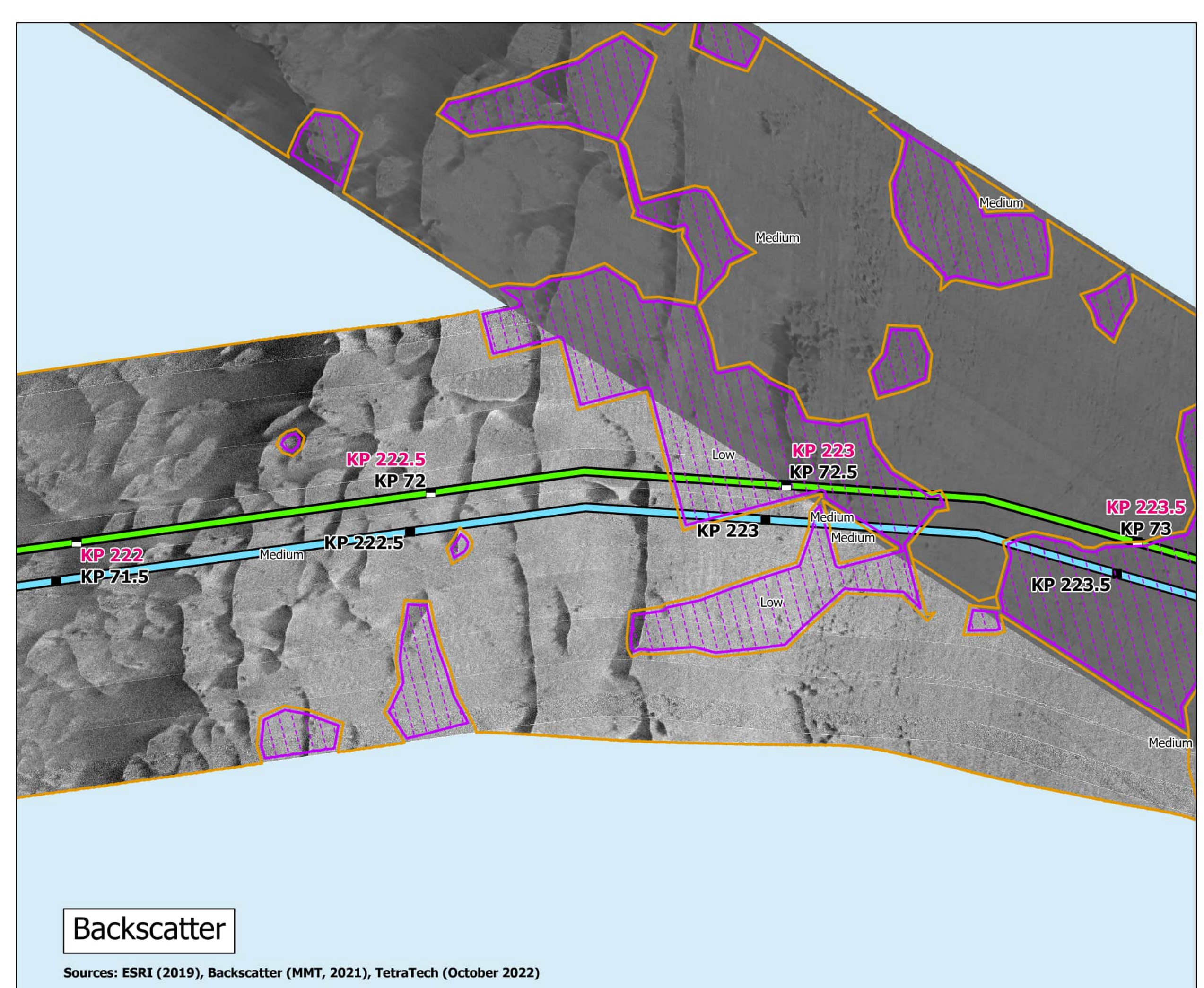
Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 168

BW1 (NY) - KP 222 - KP 223.5
BW2 (NY) - KP 222 - KP 223.5
BW2 (CT) - KP 71.5 - KP 73



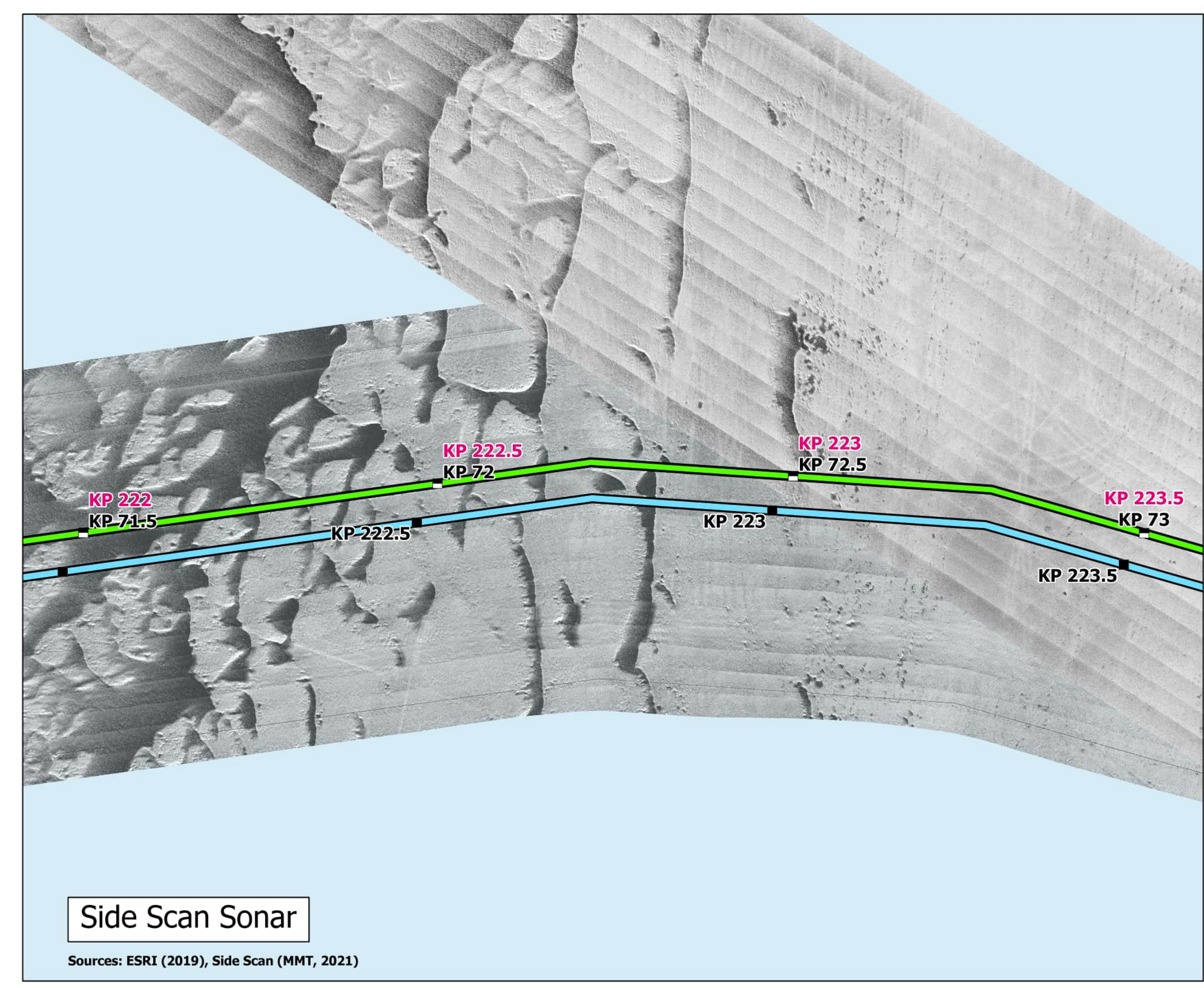
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



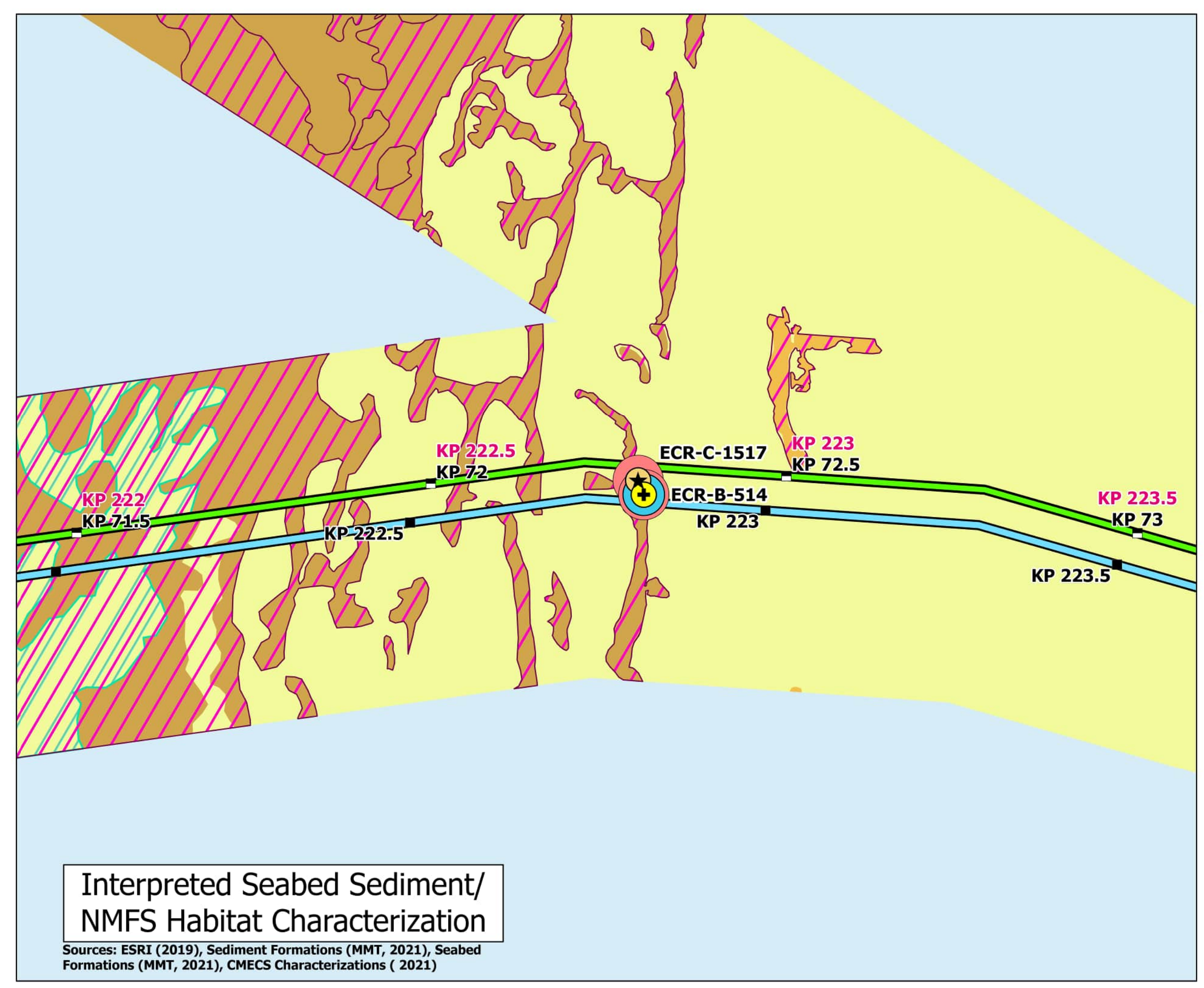
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

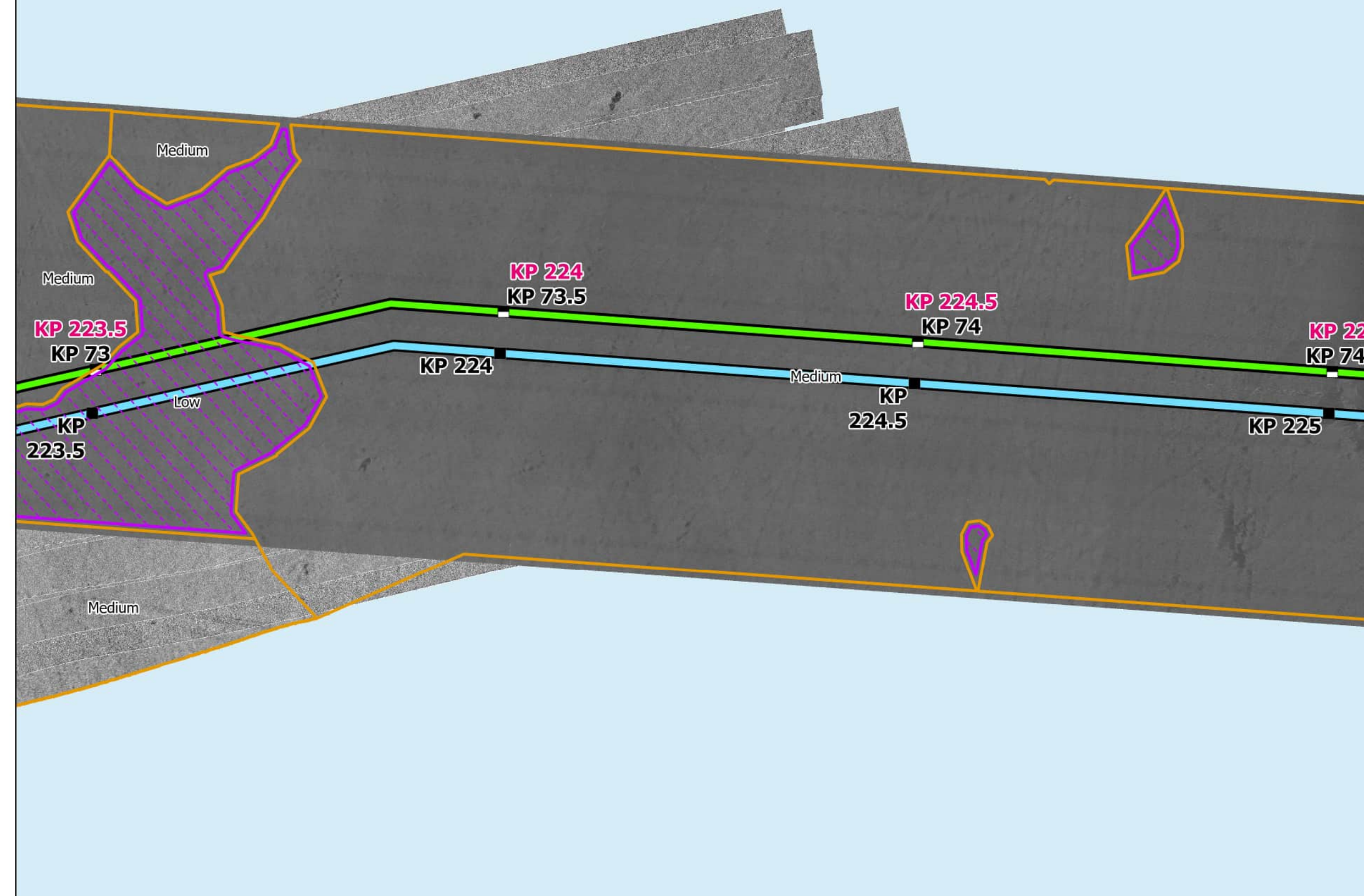
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



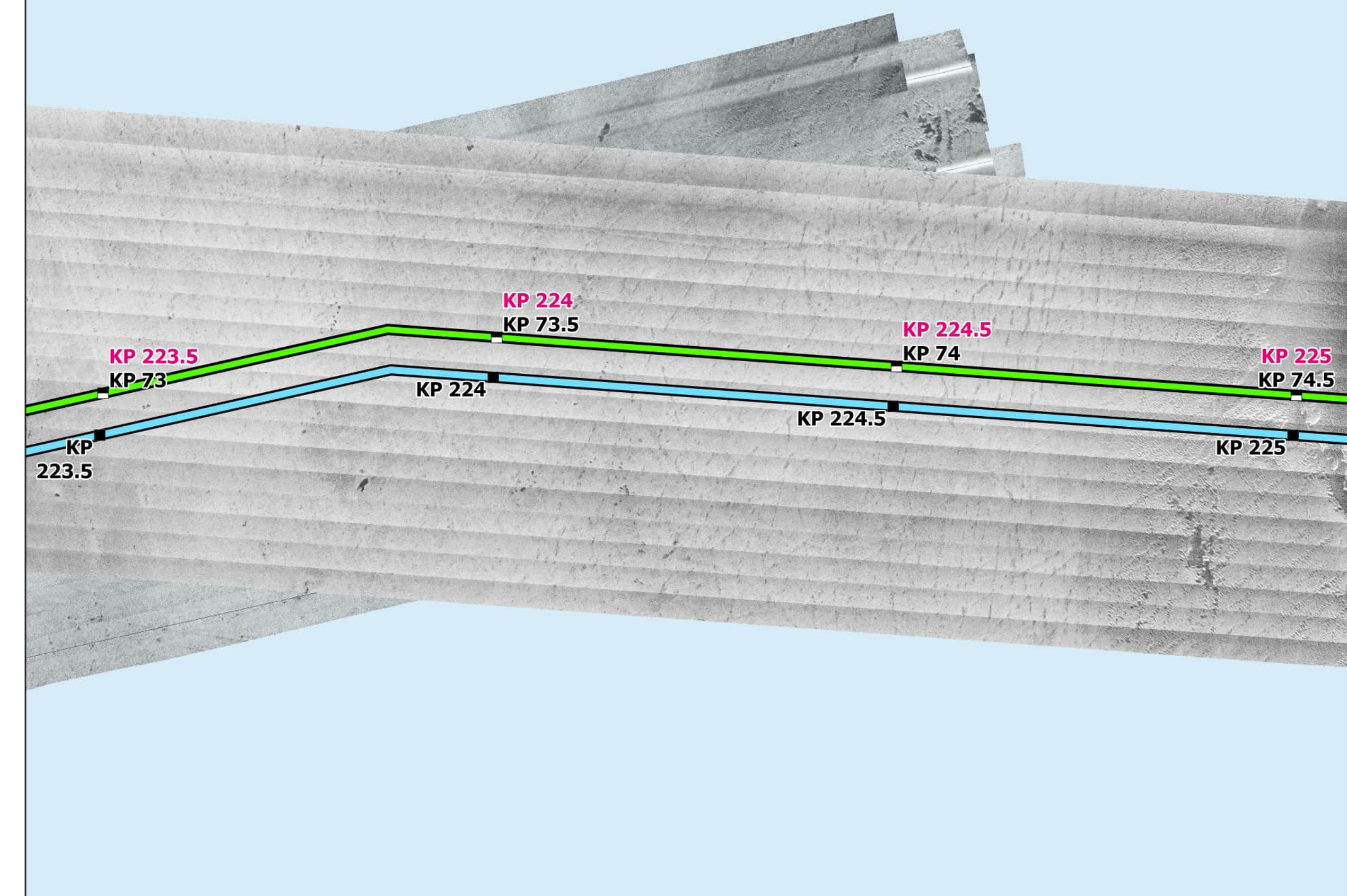
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



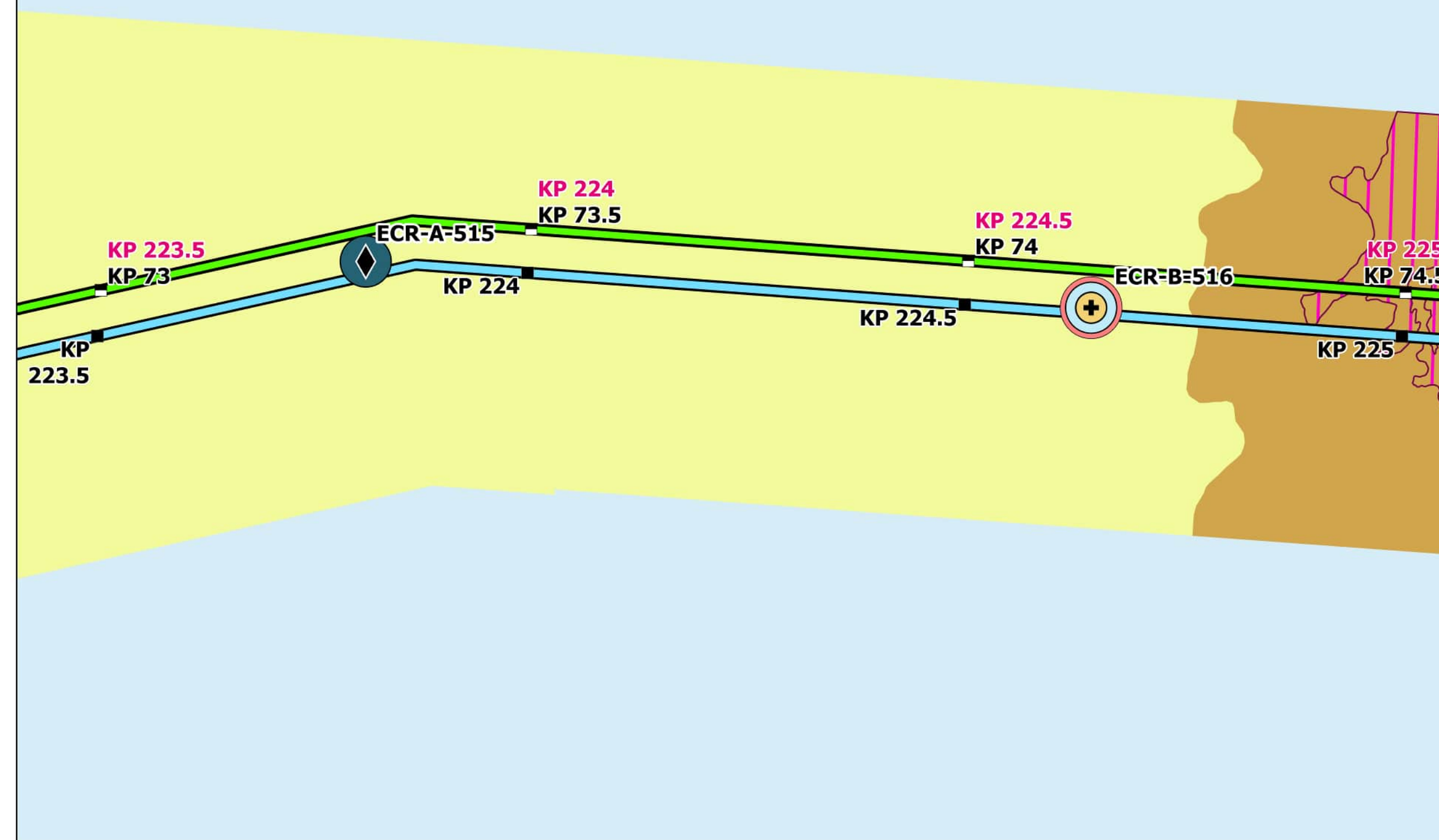
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

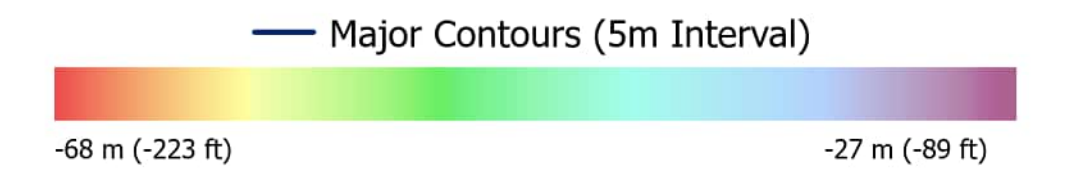


Map Book Package for Submarine Export Cable Route in Federal Waters



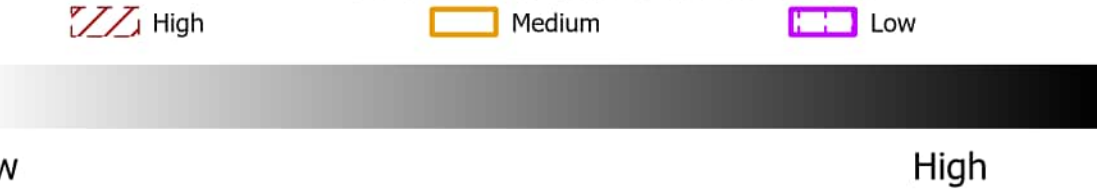
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



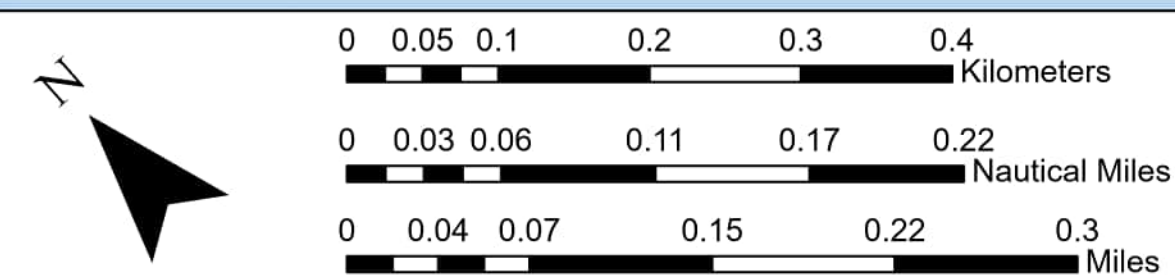
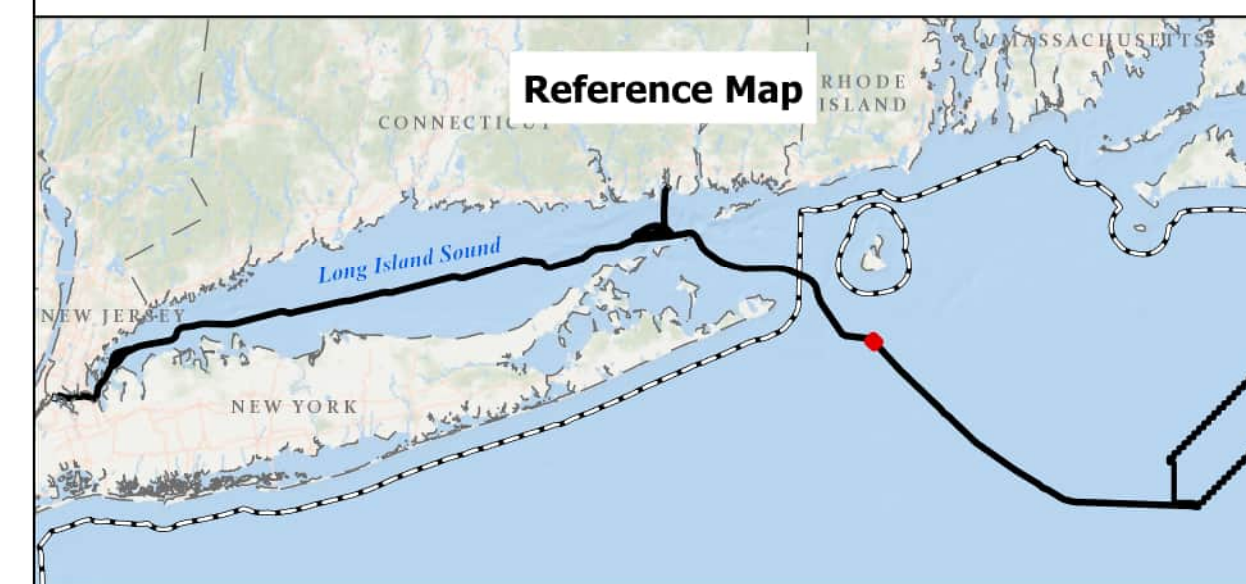
Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | |
|-----------------------------|---|
| Station Type | CMECS Geomorph |
| ✚ Grab and Video | ● Burrows/Bioturbation |
| ◆ SPI/PV | |
| CMECS Classification | Benthic Features |
| CMECS Biotic | ▨ Sand Ripples |
| ● Soft Sediment Fauna | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| CMECS Substrate | ■ Mud and Sandy Mud/Soft Bottom Habitat |
| ● Fine/Very Fine Sand | ■ Sand and Muddy Sand/Soft Bottom Habitat |
| ● Sand | |
- Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



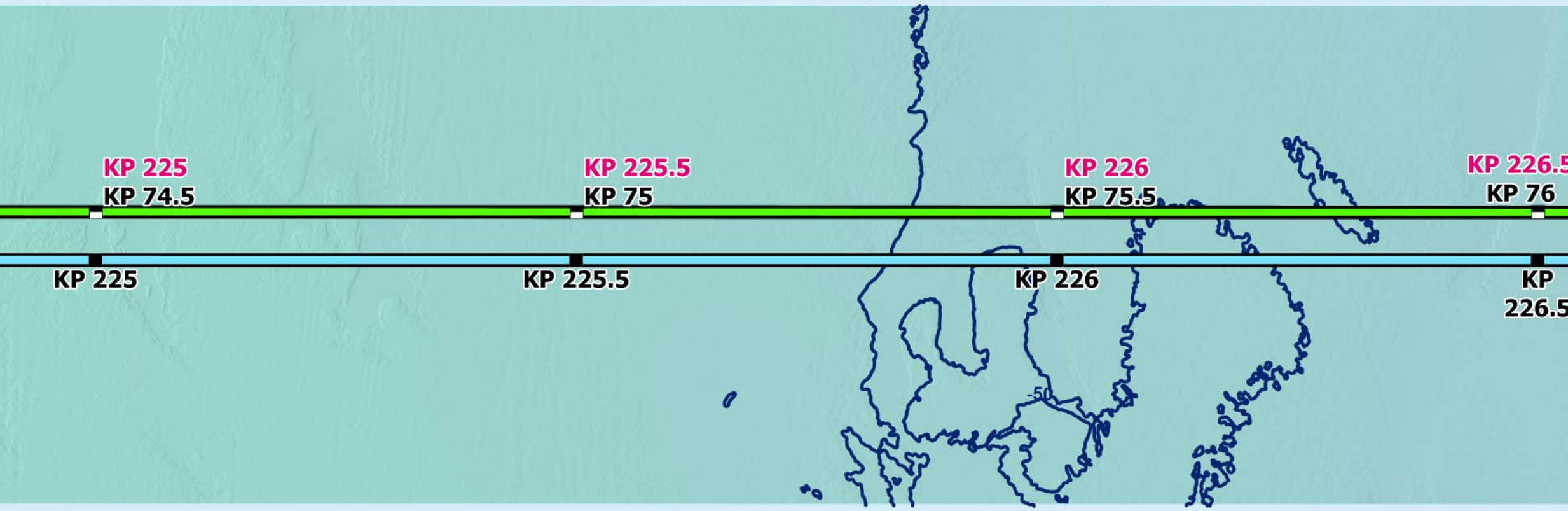
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 169

BW1 (NY) - KP 223.5 - 225
BW2 (NY) - KP 223.5 - 225
BW2 (CT) - KP 73 - KP 74.5

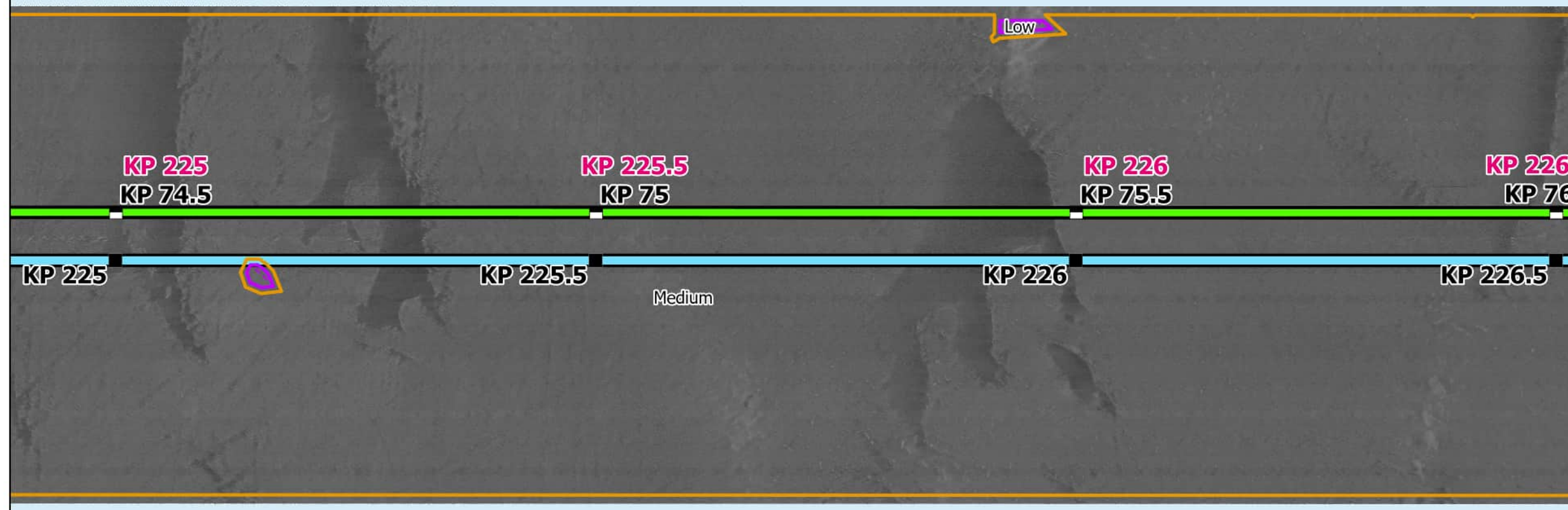
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



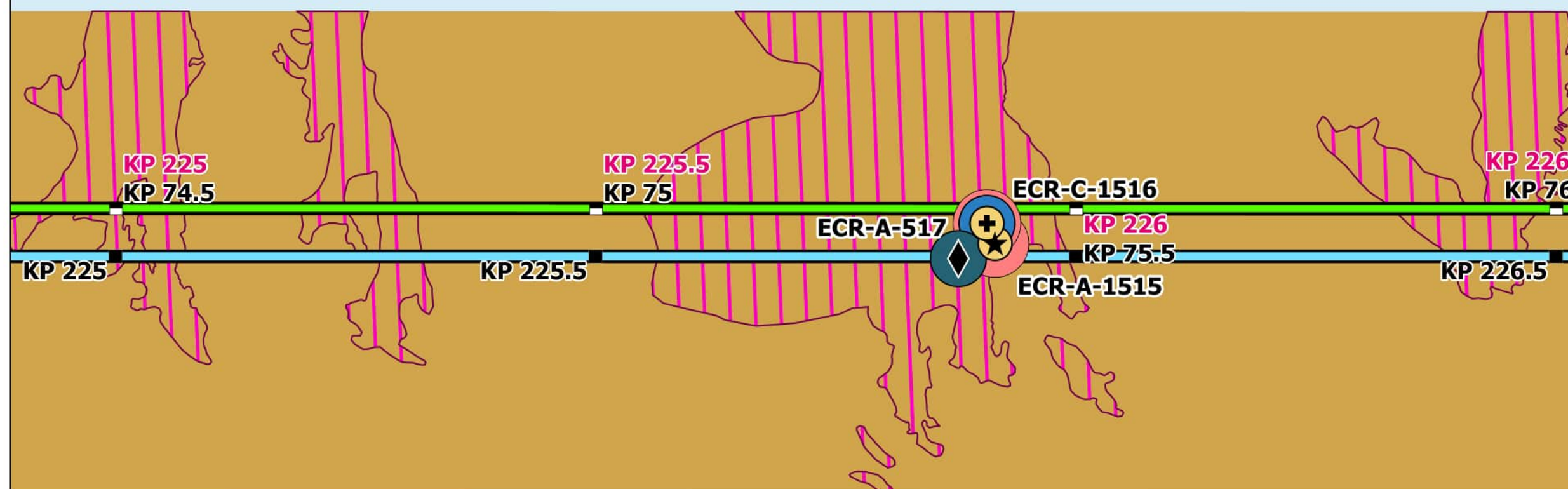
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

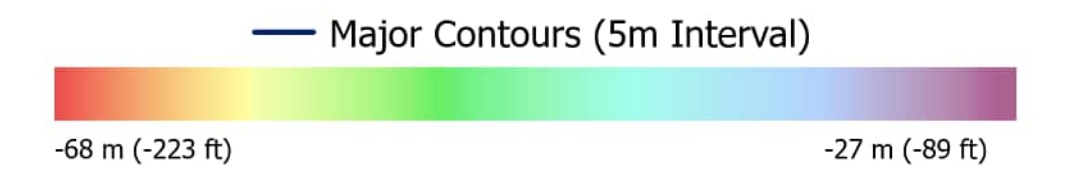


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



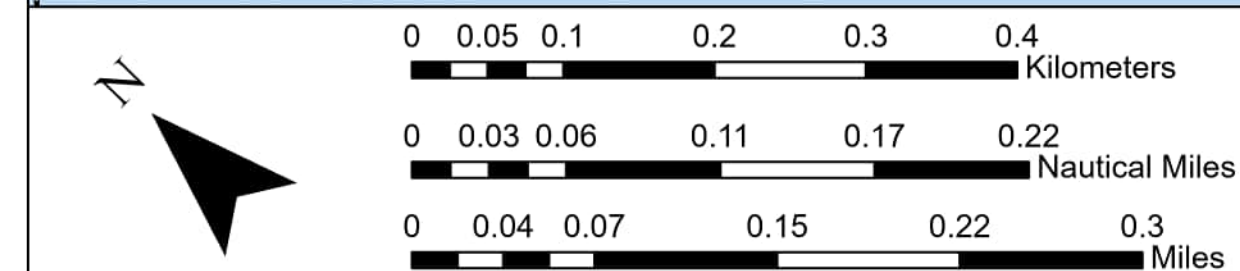
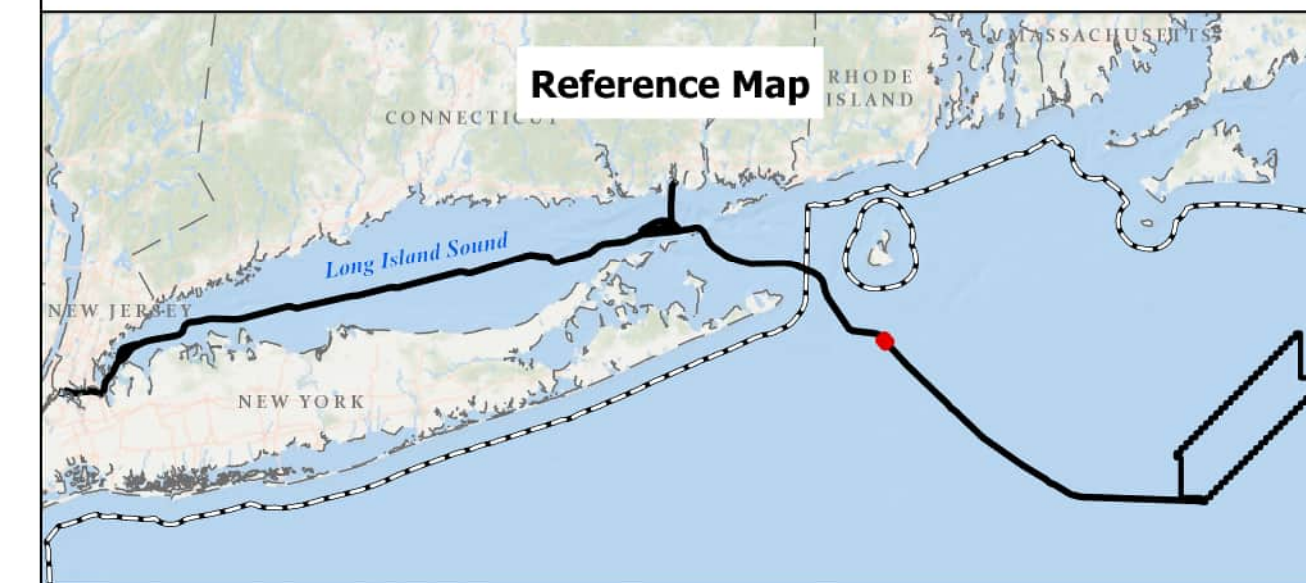
Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ✚ Grab and Video
 - ◆ SPI/PV
 - ★ Video
 - CMECS Classification**
 - CMECS Biotic: Soft Sediment Fauna
 - CMECS Substrate: Coarse/Very Coarse Sand
 - CMECS Geoform**
 - Sand
 - Burrows/Bioturbation
 - Benthic Features**
 - ▭ Sand Ripples
 - Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - ▭ Sand and Muddy Sand/Soft Bottom Habitat
- Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



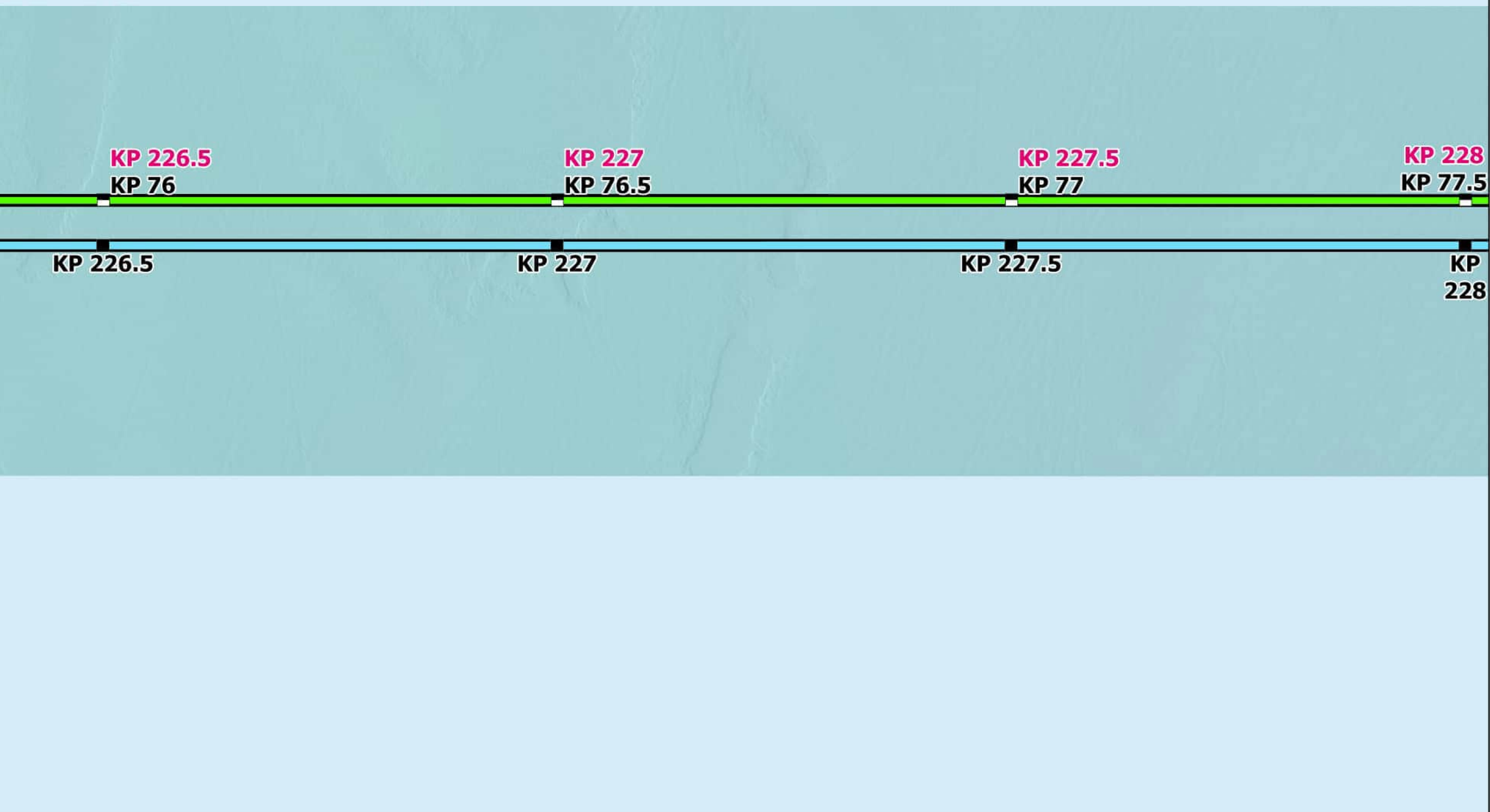
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 170

BW1 (NY) - KP 225 - KP 226.5
BW2 (NY) - KP 225 - KP 226.5
BW2 (CT) - KP 74.5 - KP 76

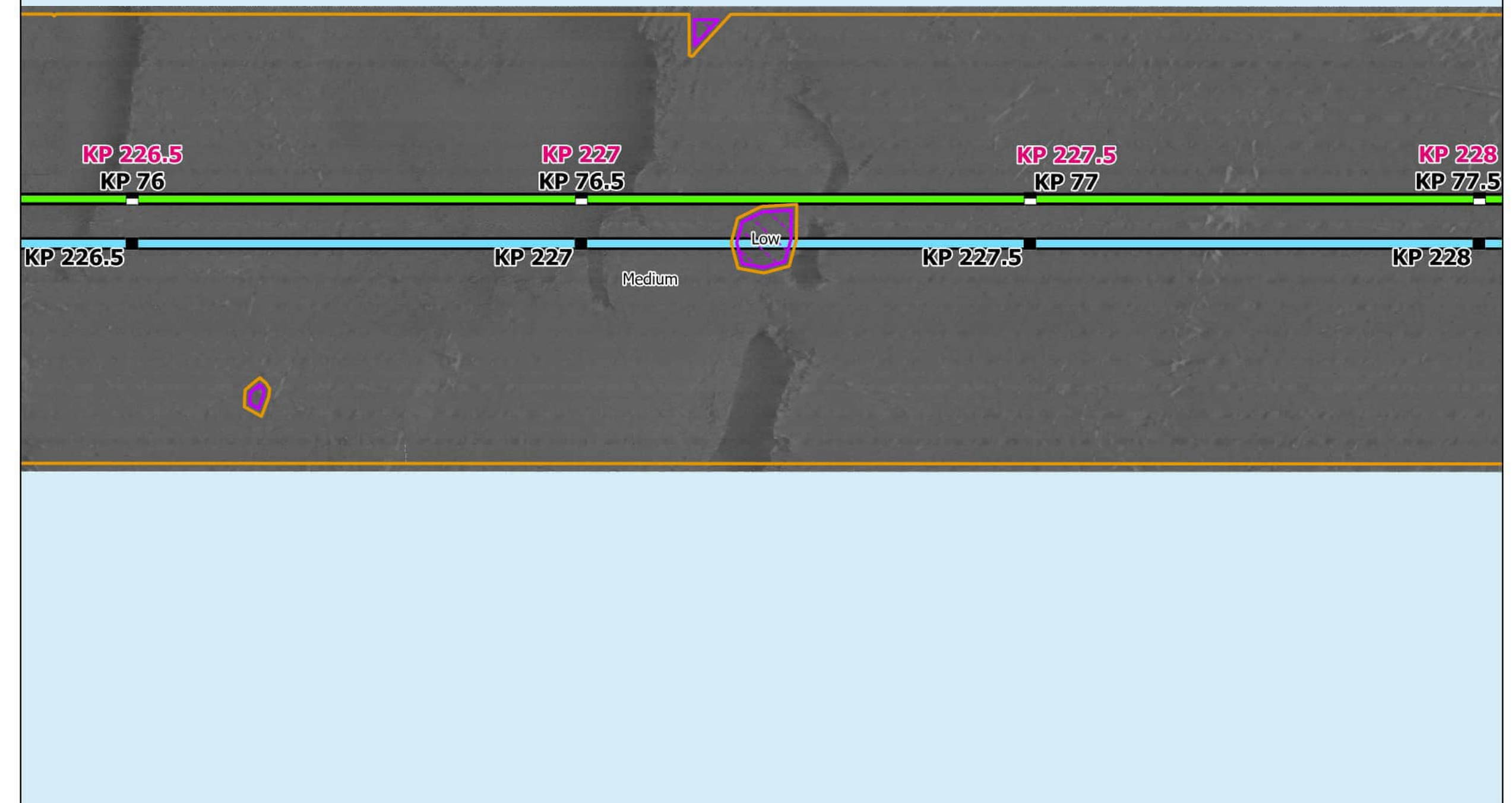
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



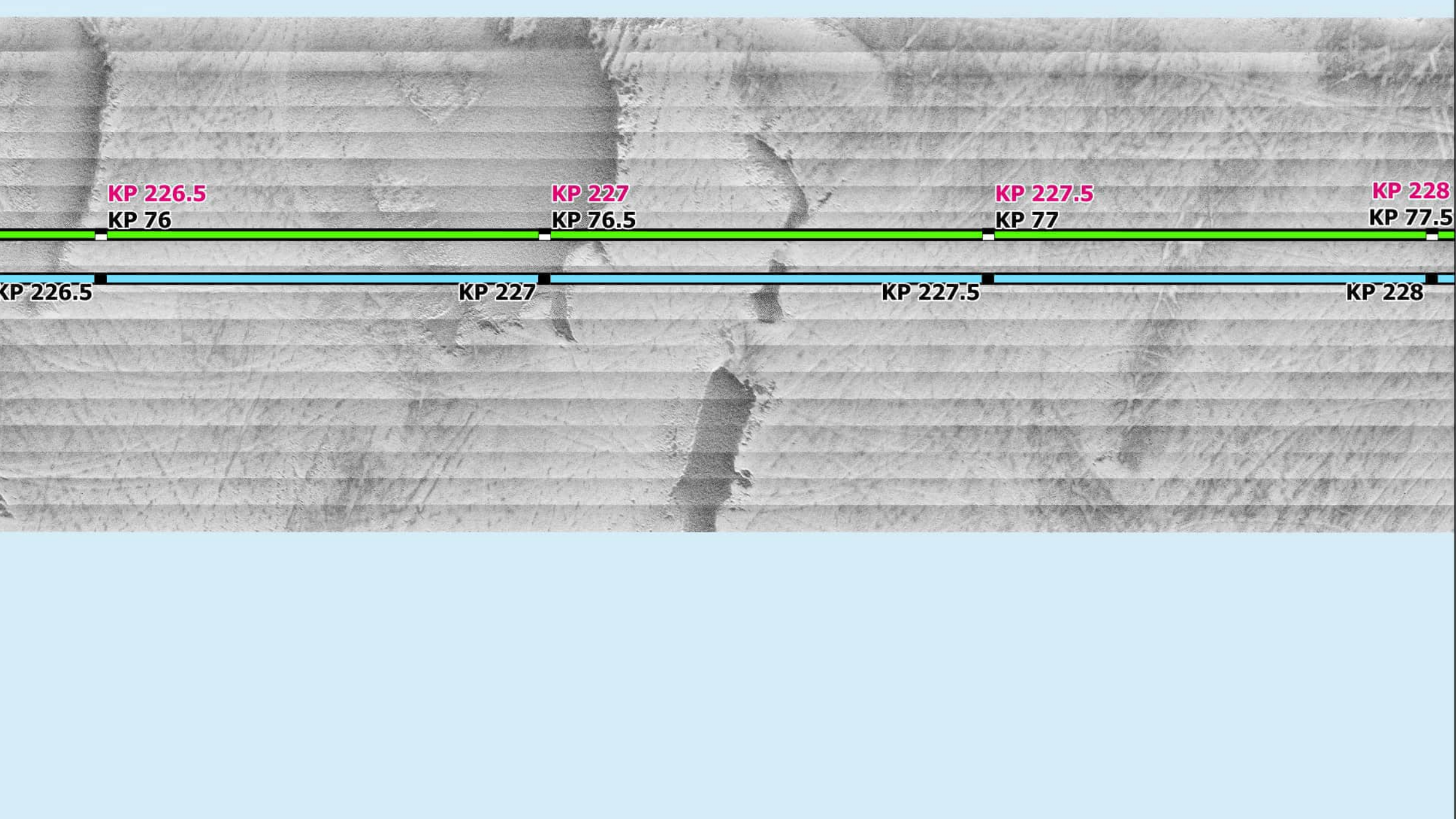
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



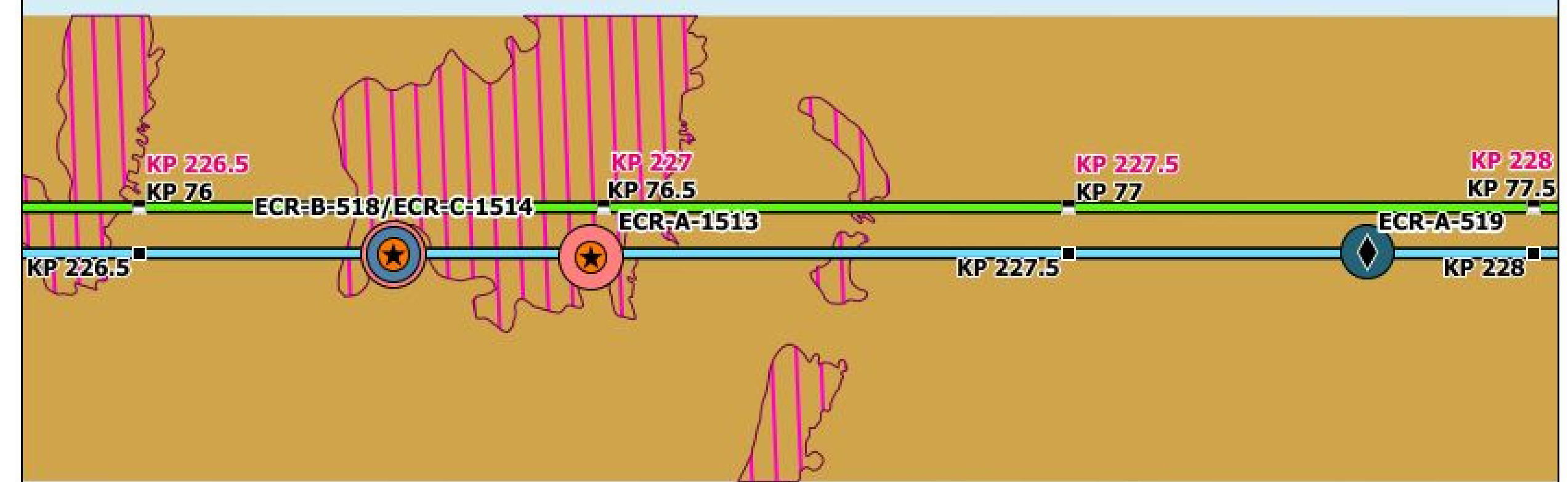
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

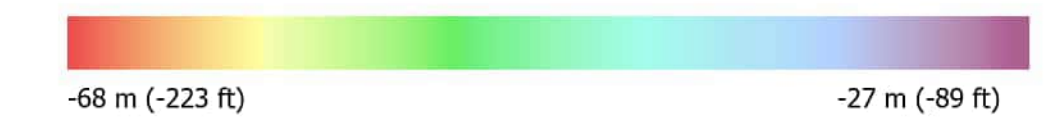


Map Book Package for Submarine Export Cable Route in Federal Waters

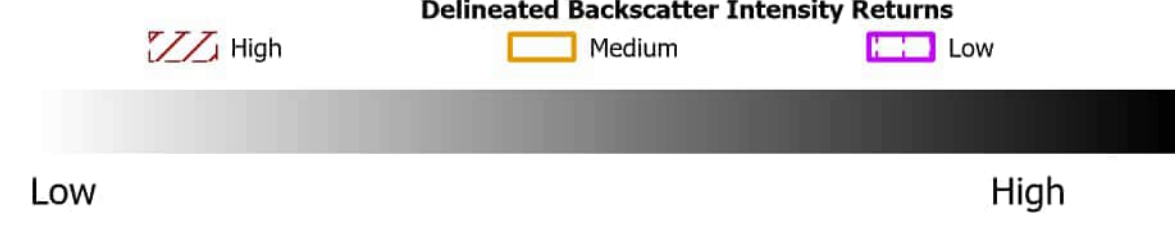


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



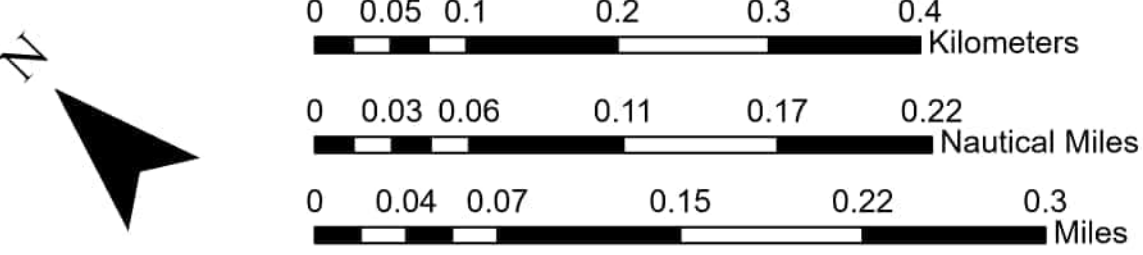
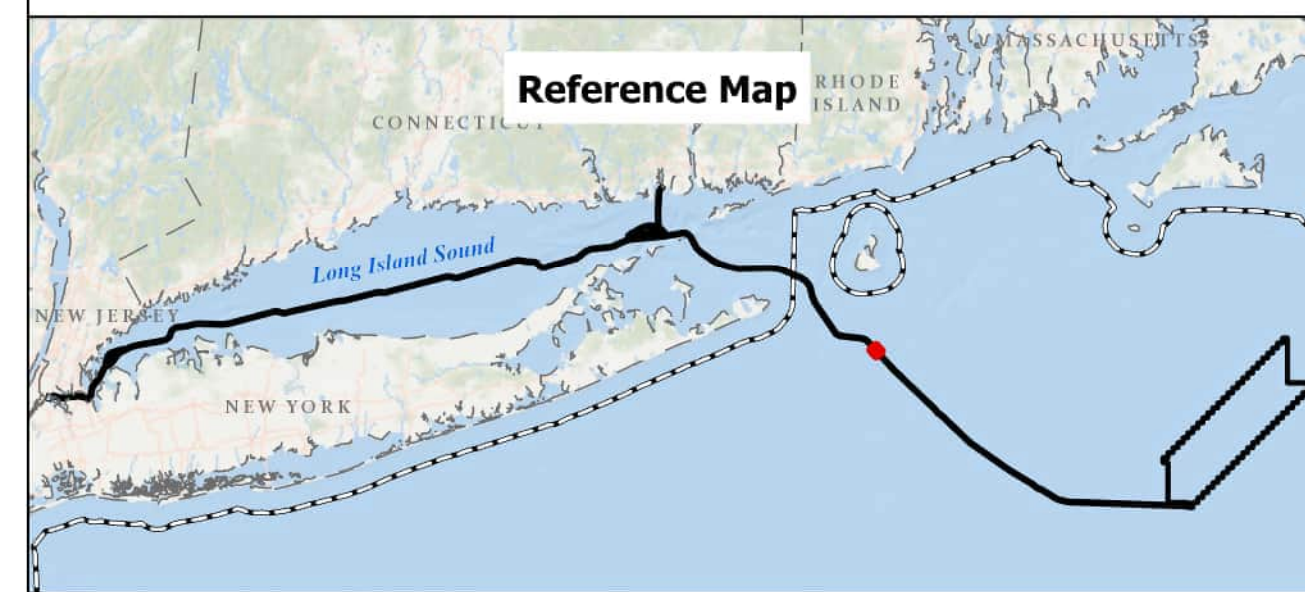
Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ◆ SPI/PV
 - ★ Video
 - CMECS Classification**
 - Starfish Bed
 - CMECS Substrate
 - Medium Sand
 - CMECS Biotic**
 - Sand
 - CMECS Geoform
 - Burrows/Bioturbation
 - Benthic Features
 - Sand Ripples
 - Interpreted Seabed Sediment/
NMFS Habitat Characterization
 - Sand and Muddy Sand/Soft Bottom Habitat
- Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/24/2023
Scale: 1:5,000



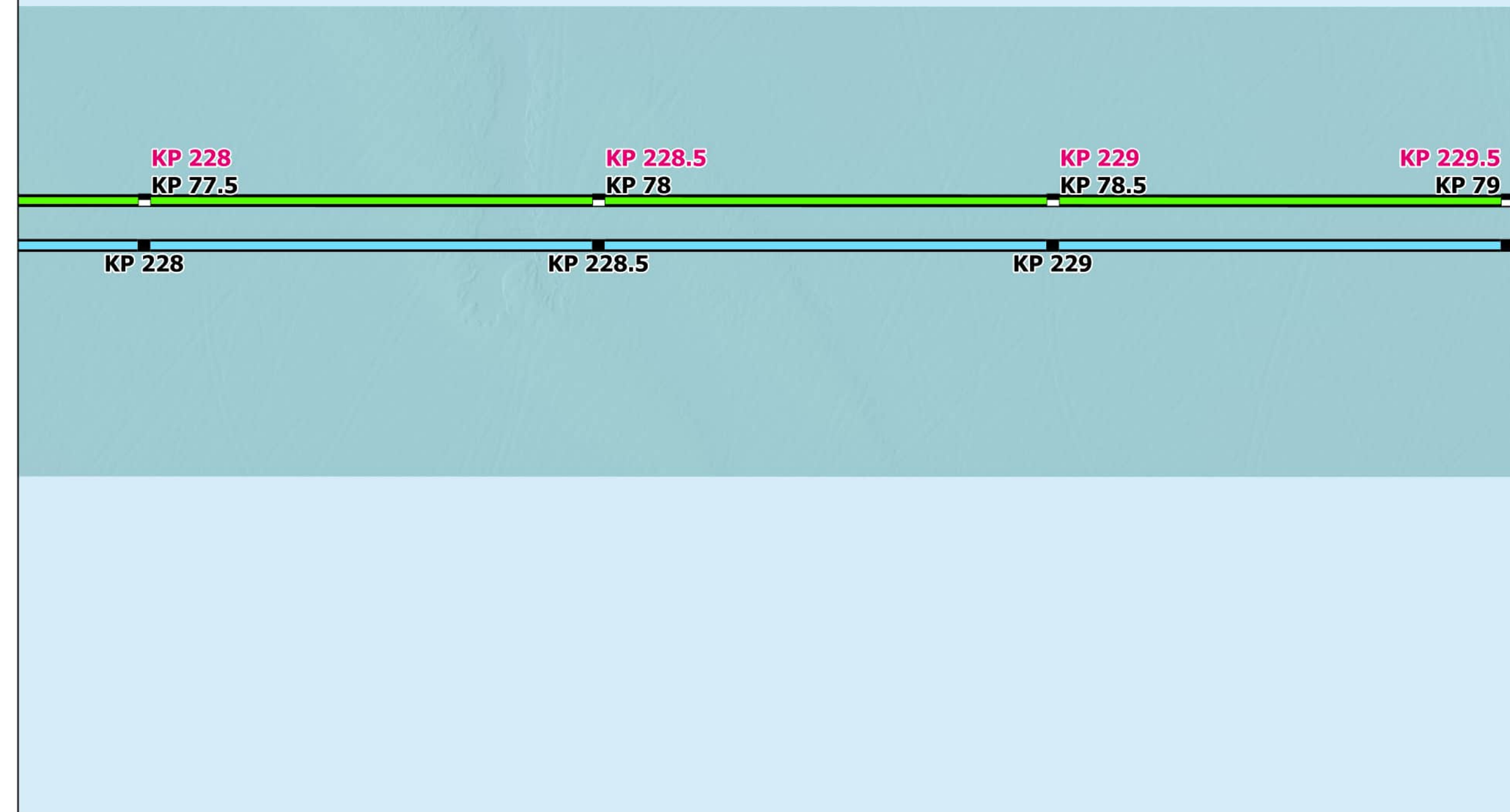
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 171

BW1 (NY) - KP 226.5 - KP 228
BW2 (NY) - KP 226.5 - KP 228
BW2 (CT) - KP 76 - KP 77.5

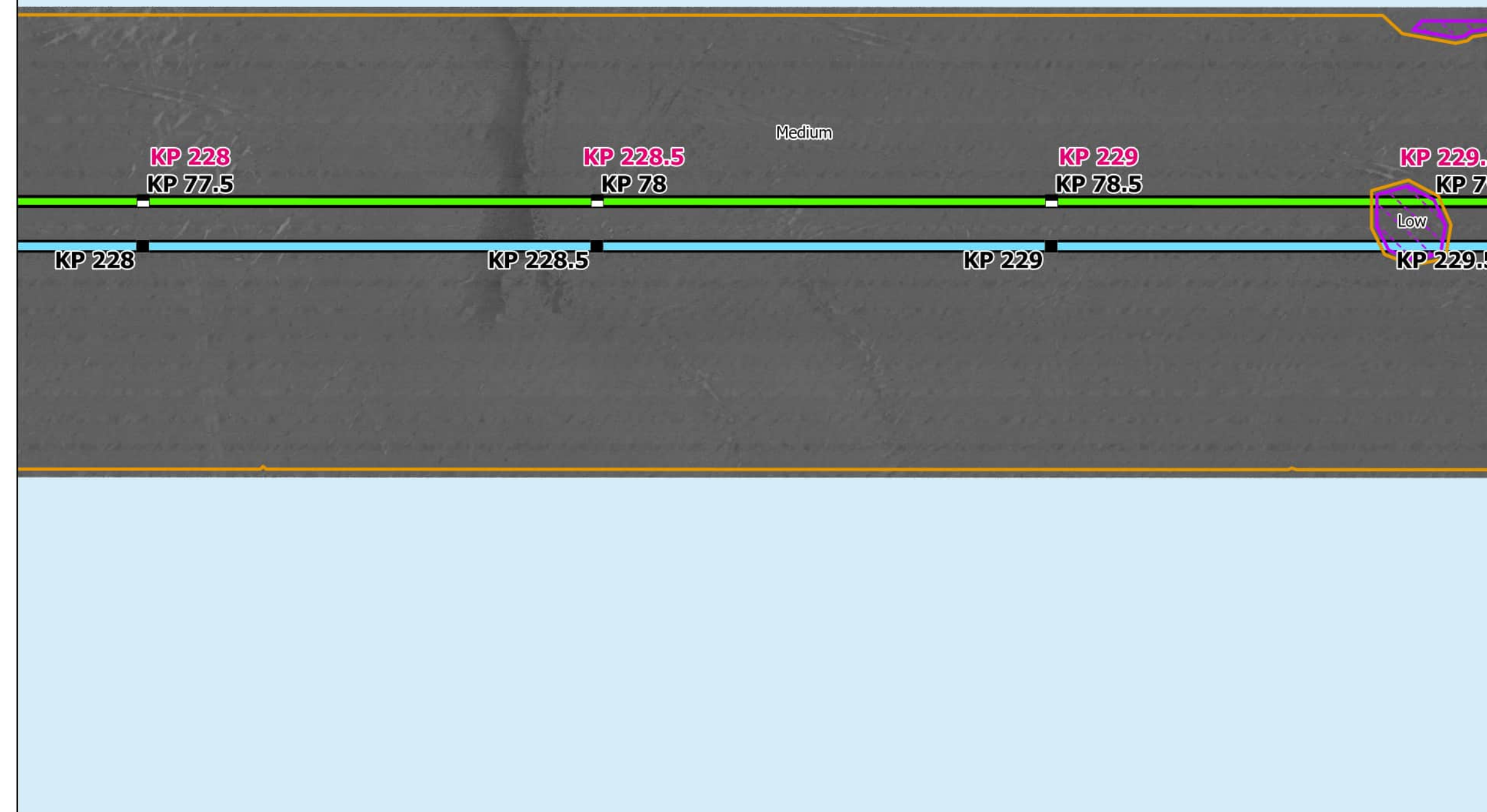
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



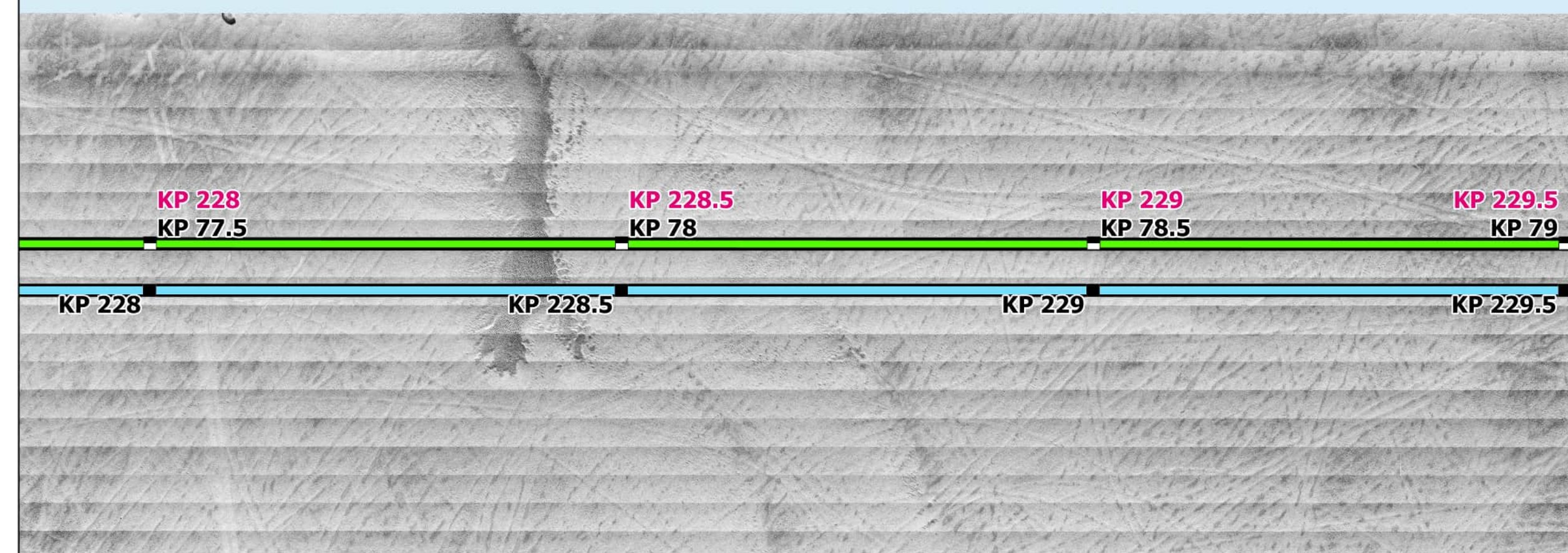
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



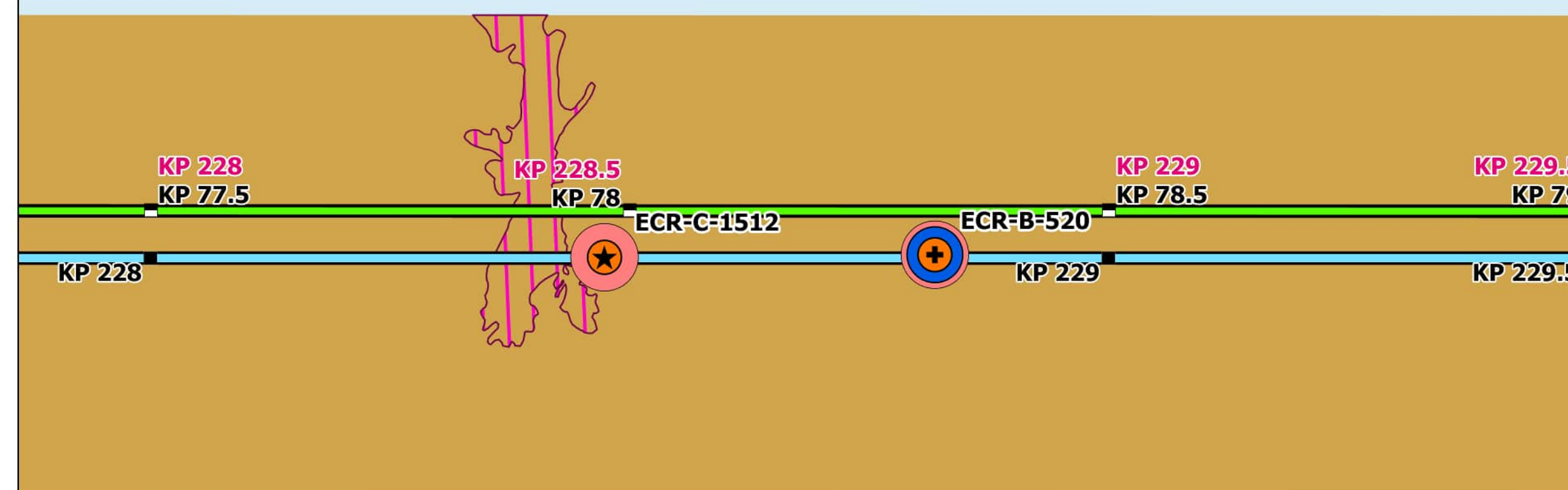
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



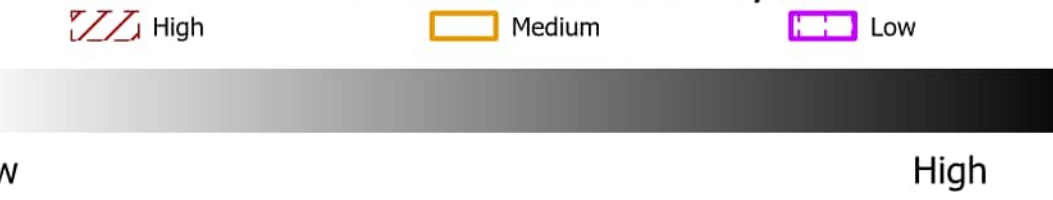
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

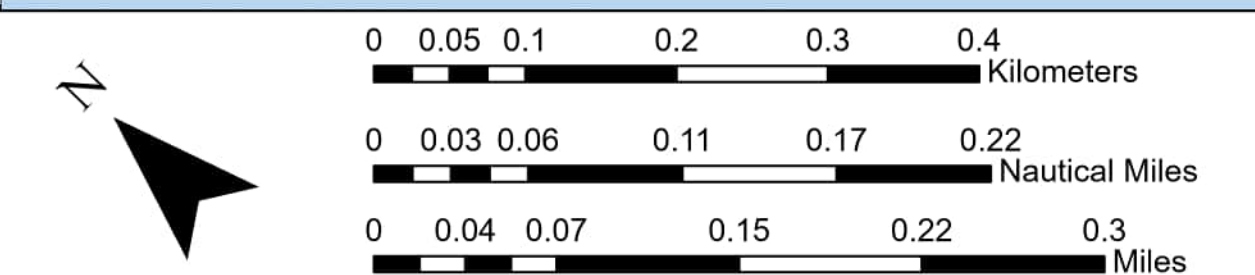
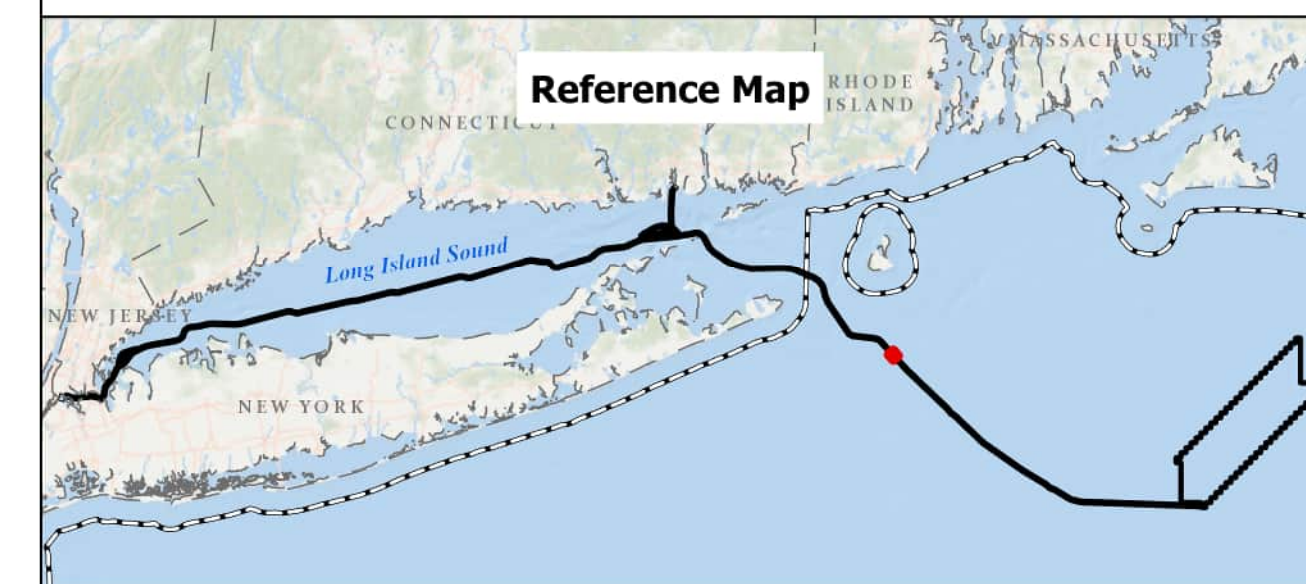
- Station Type**
 - ✚ Grab and Video
 - ★ Video
- CMECS Biotic**
 - Starfish Bed
- CMECS Substrate**
 - Muddy Sand
- CMECS Geoform**
 - Burrows/Bioturbation
- Benthic Features**
 - ▨ Sand Ripples
- Interpreted Seabed Sediment/
NMFS Habitat Characterization**
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



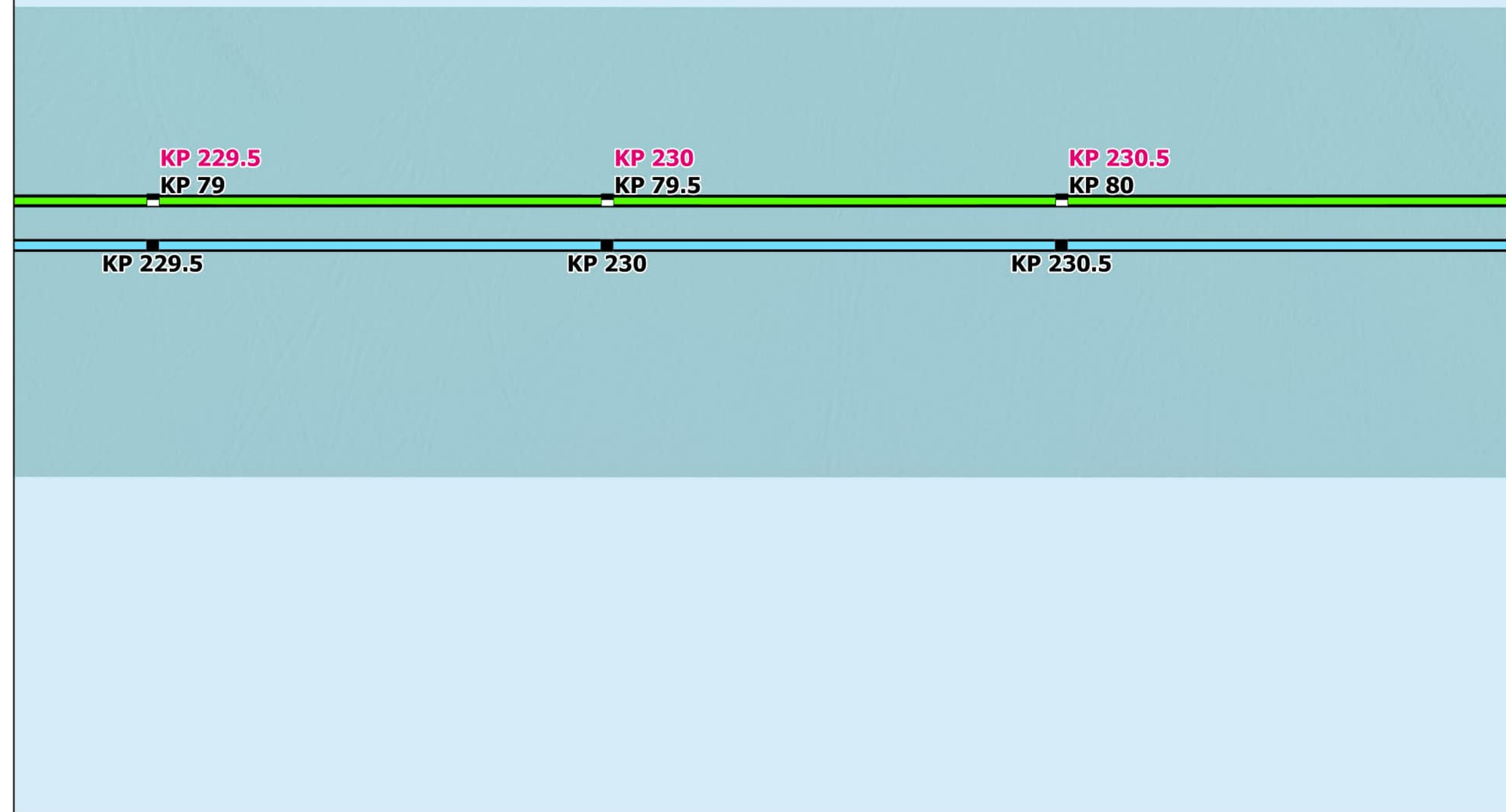
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 172

BW1 (NY) - KP 228 - KP 229.5
BW2 (NY) - KP 228 - KP 229.5
BW2 (CT) - KP 77.5 - KP 79

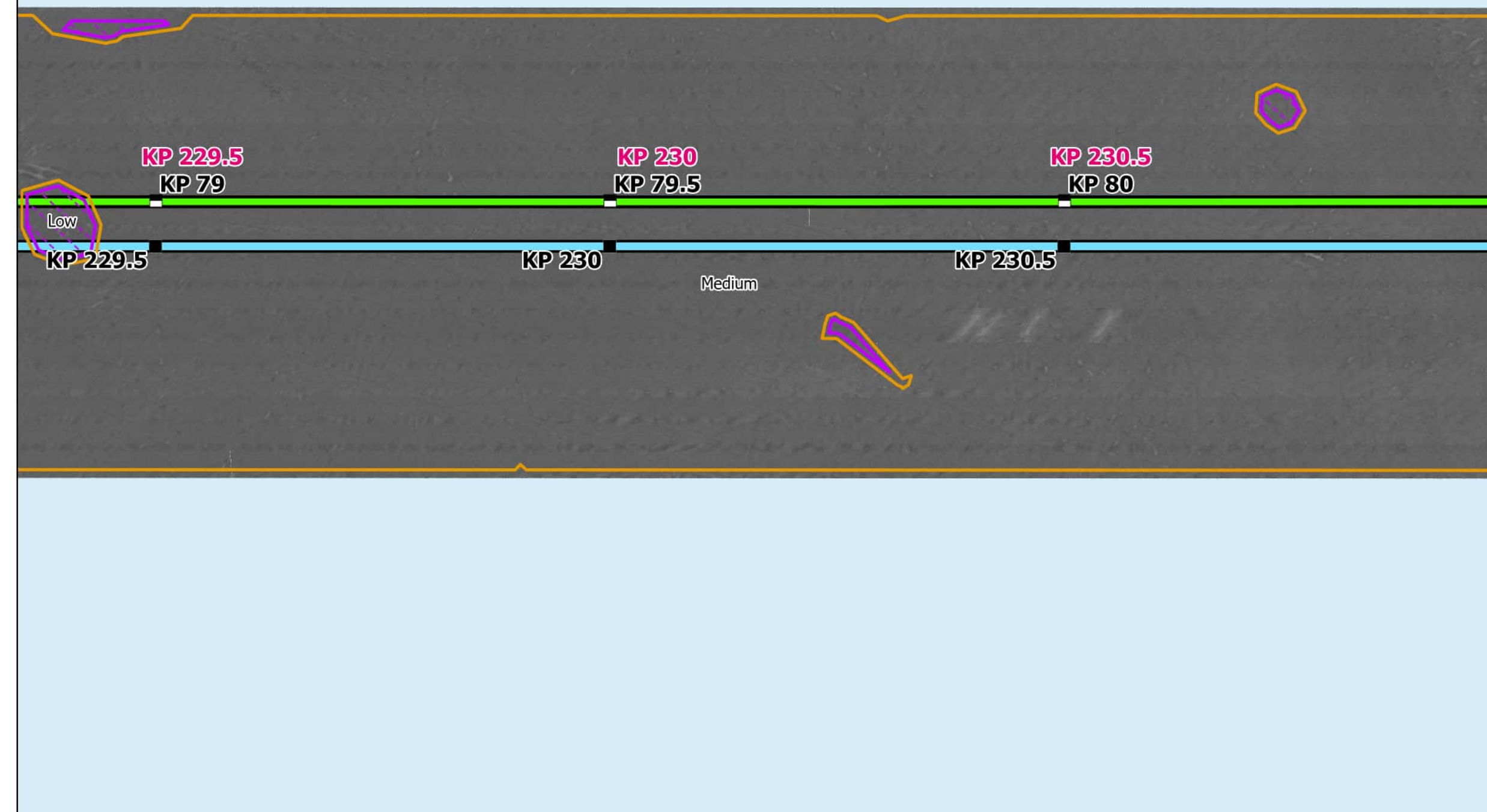
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



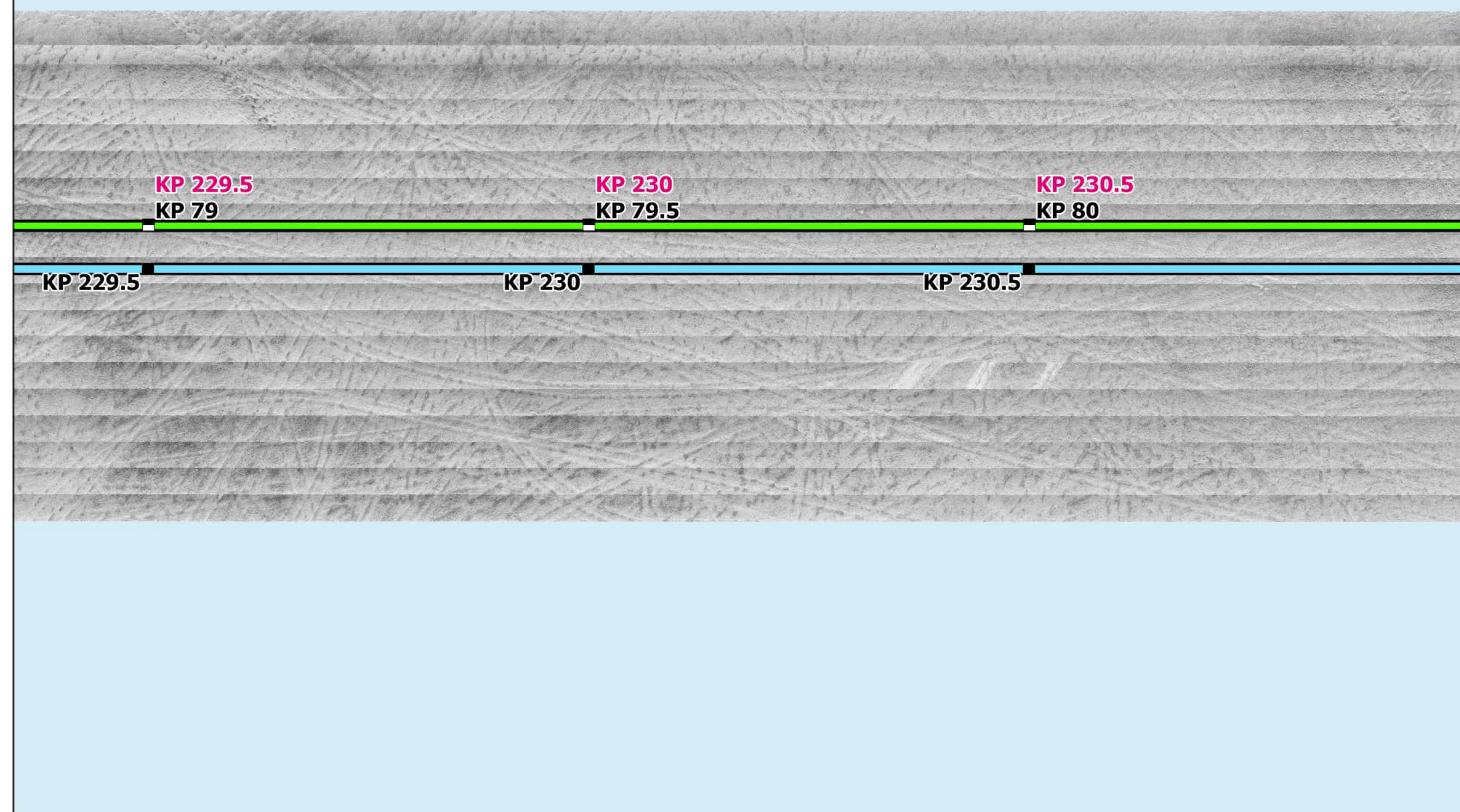
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



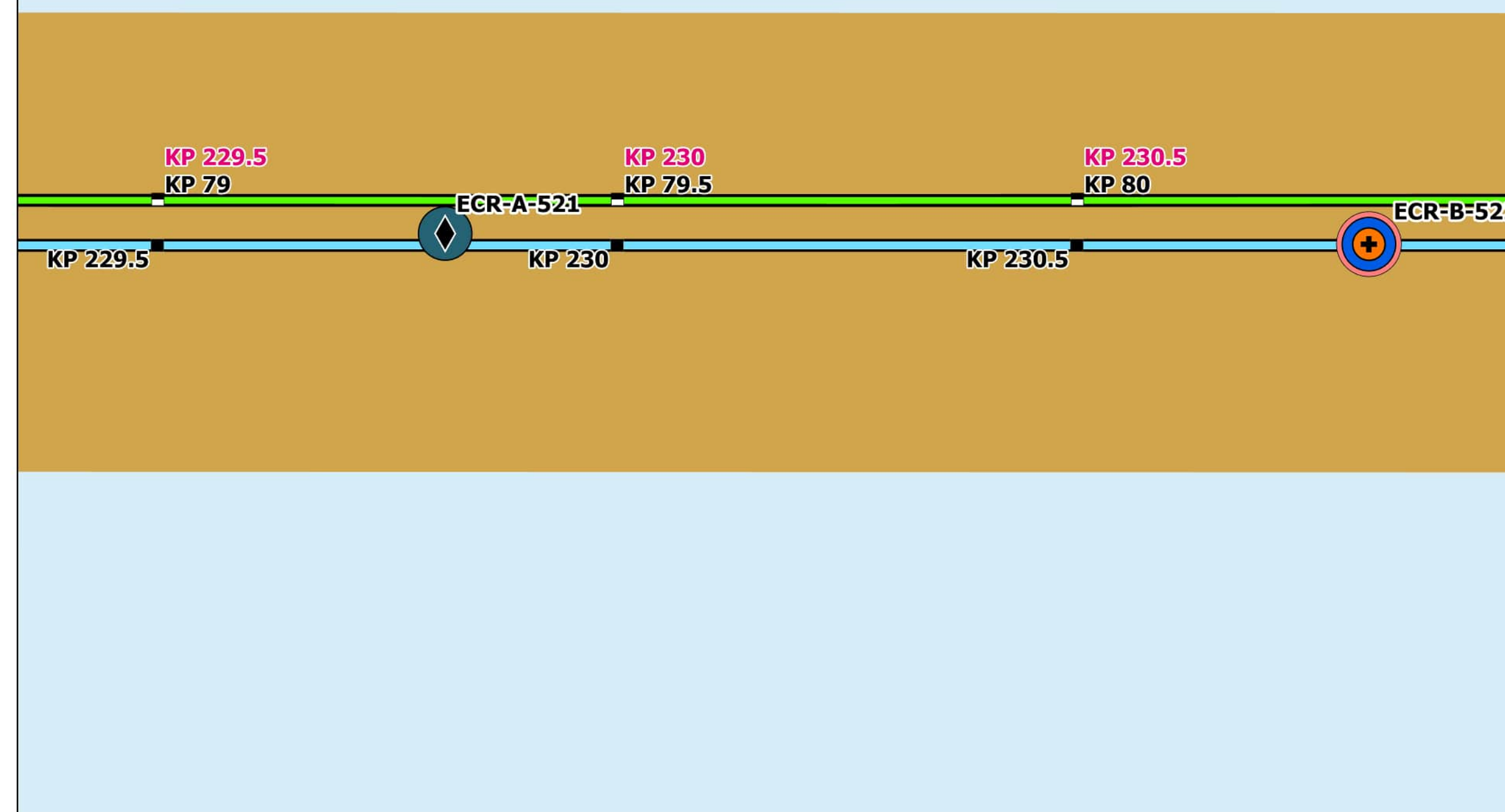
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



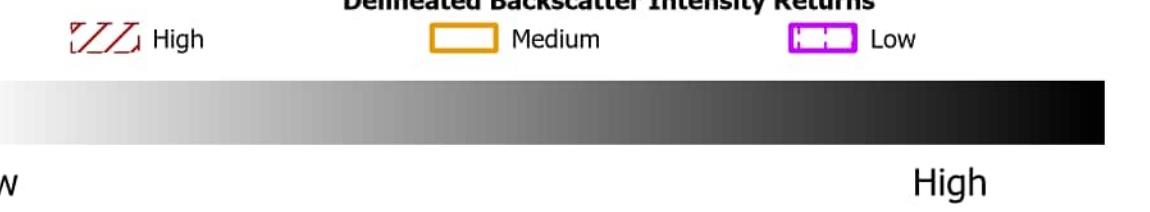
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

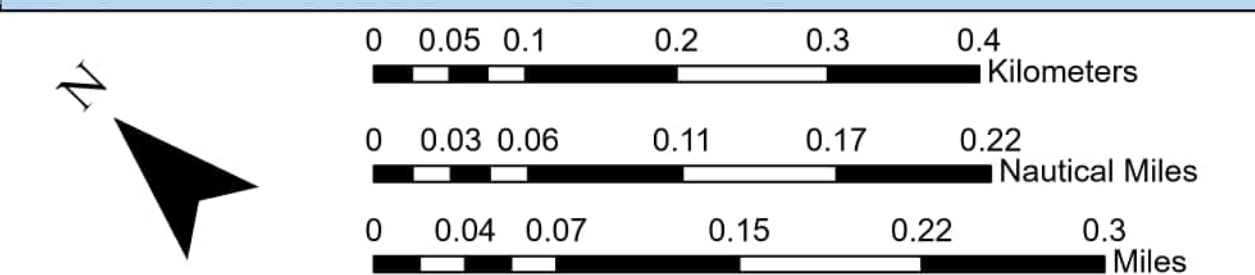
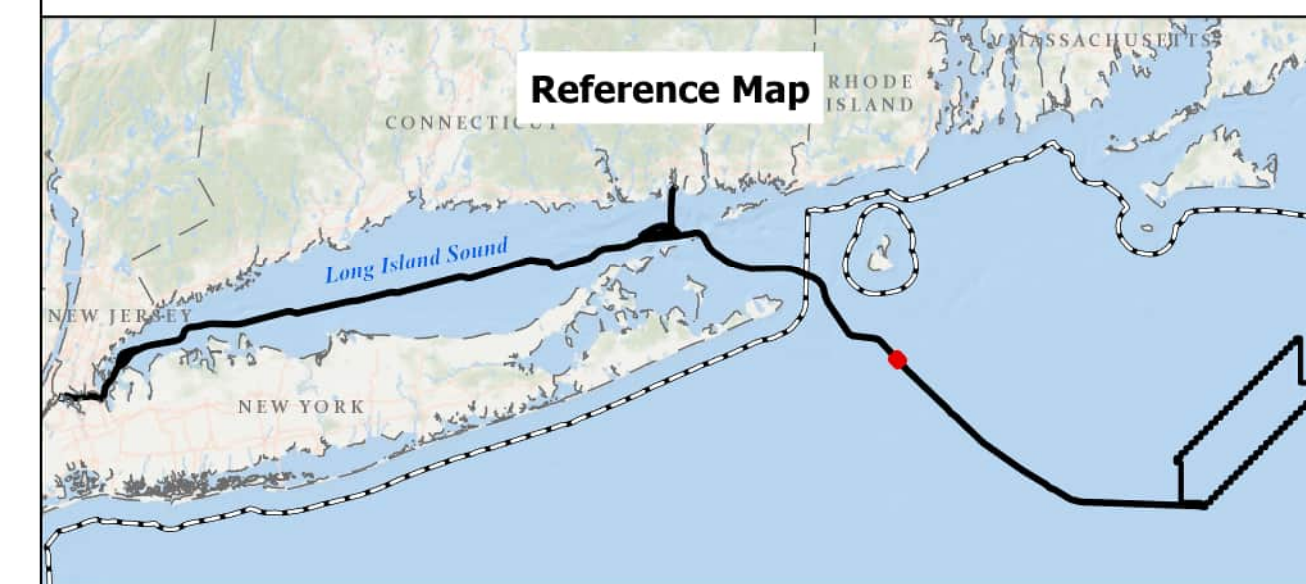
- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification**
 - Starfish Bed
 - Muddy Sand
- CMECS Biotic**
 - Sand
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Sand and Muddy Sand/Soft Bottom Habitat

Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



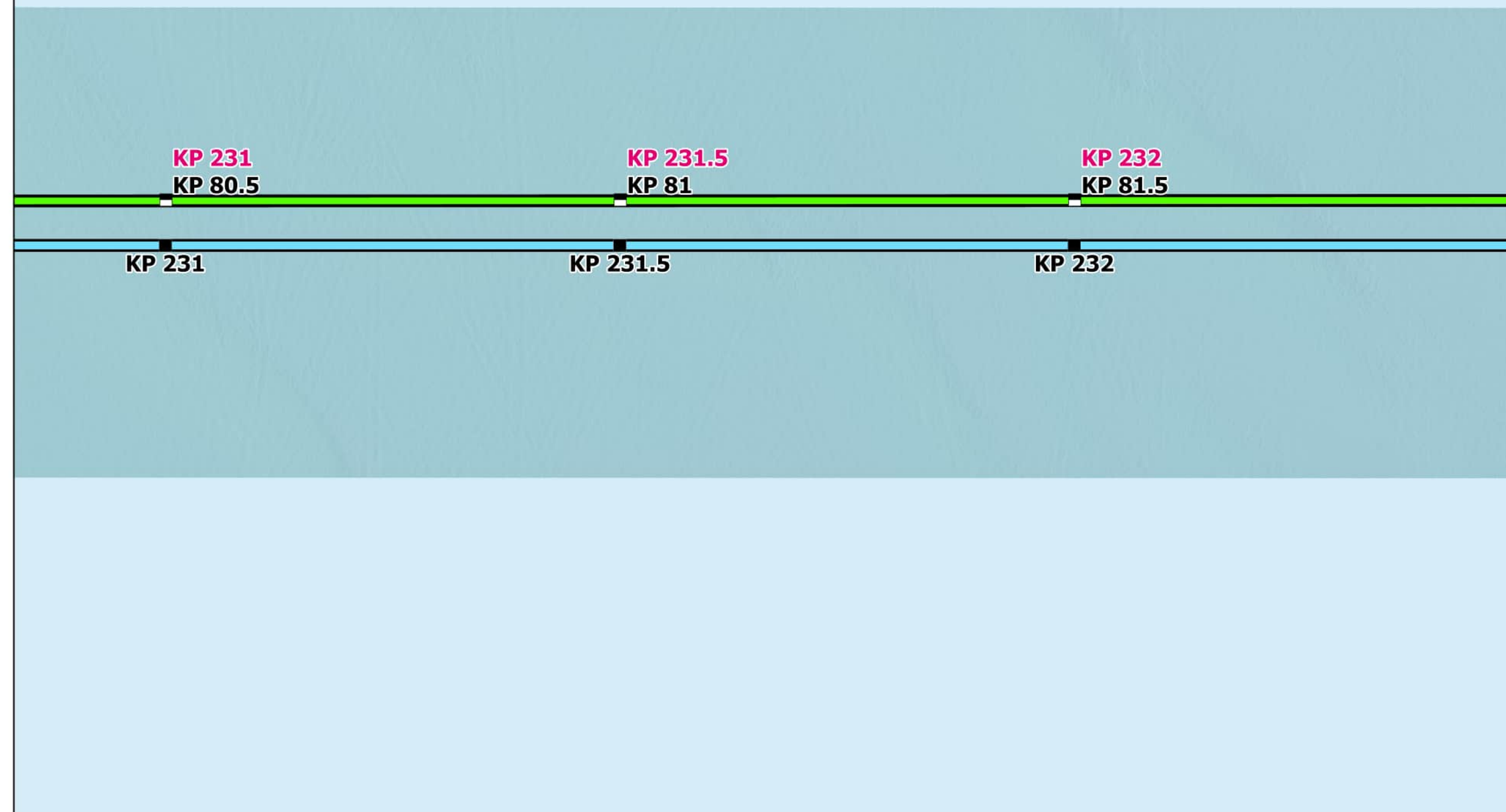
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 173

BW1 (NY) - KP 229.5 - KP 230.5
BW2 (NY) - KP 229.5 - KP 230.5
BW2 (CT) - KP 79 - KP 80

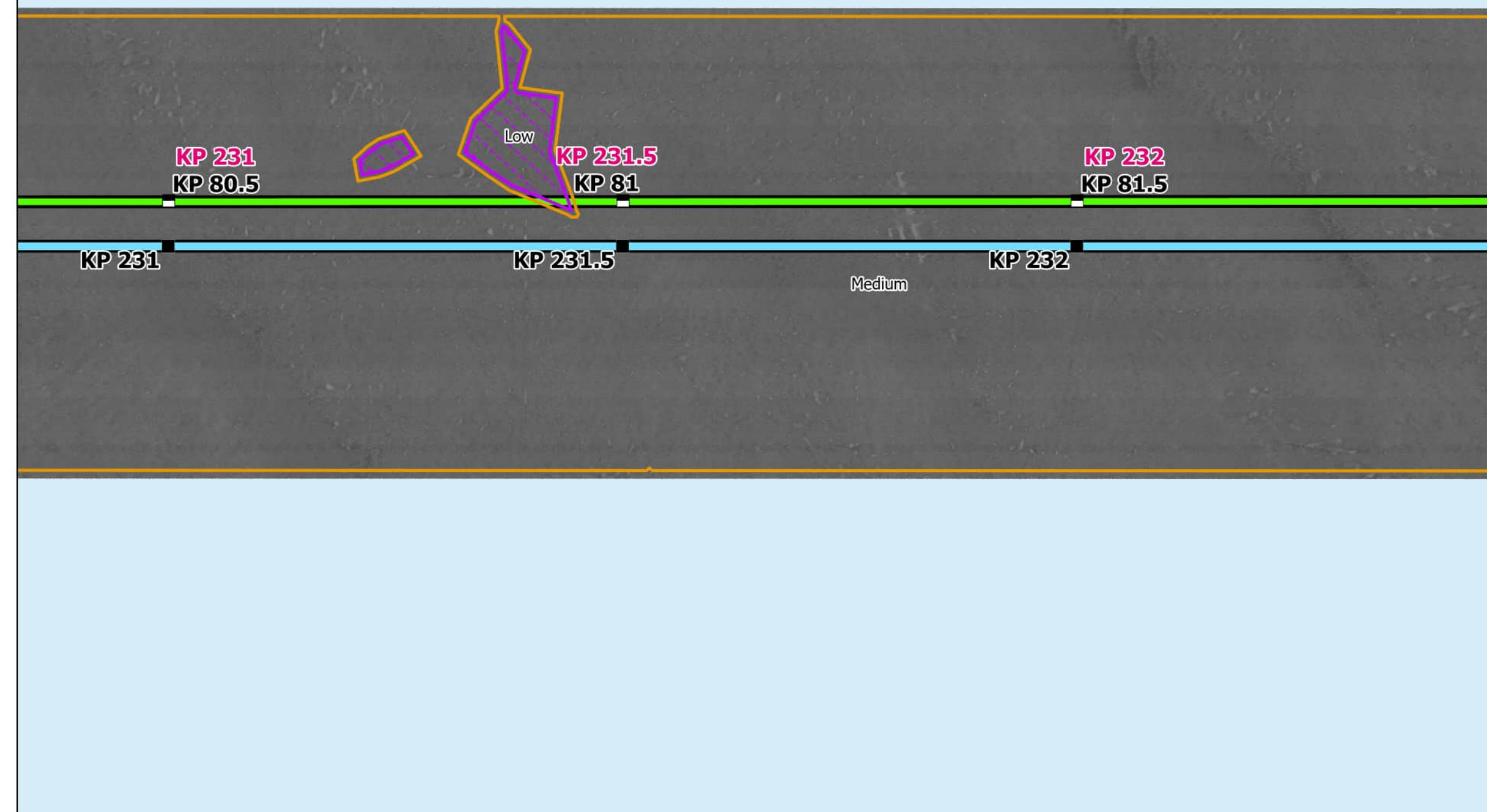
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



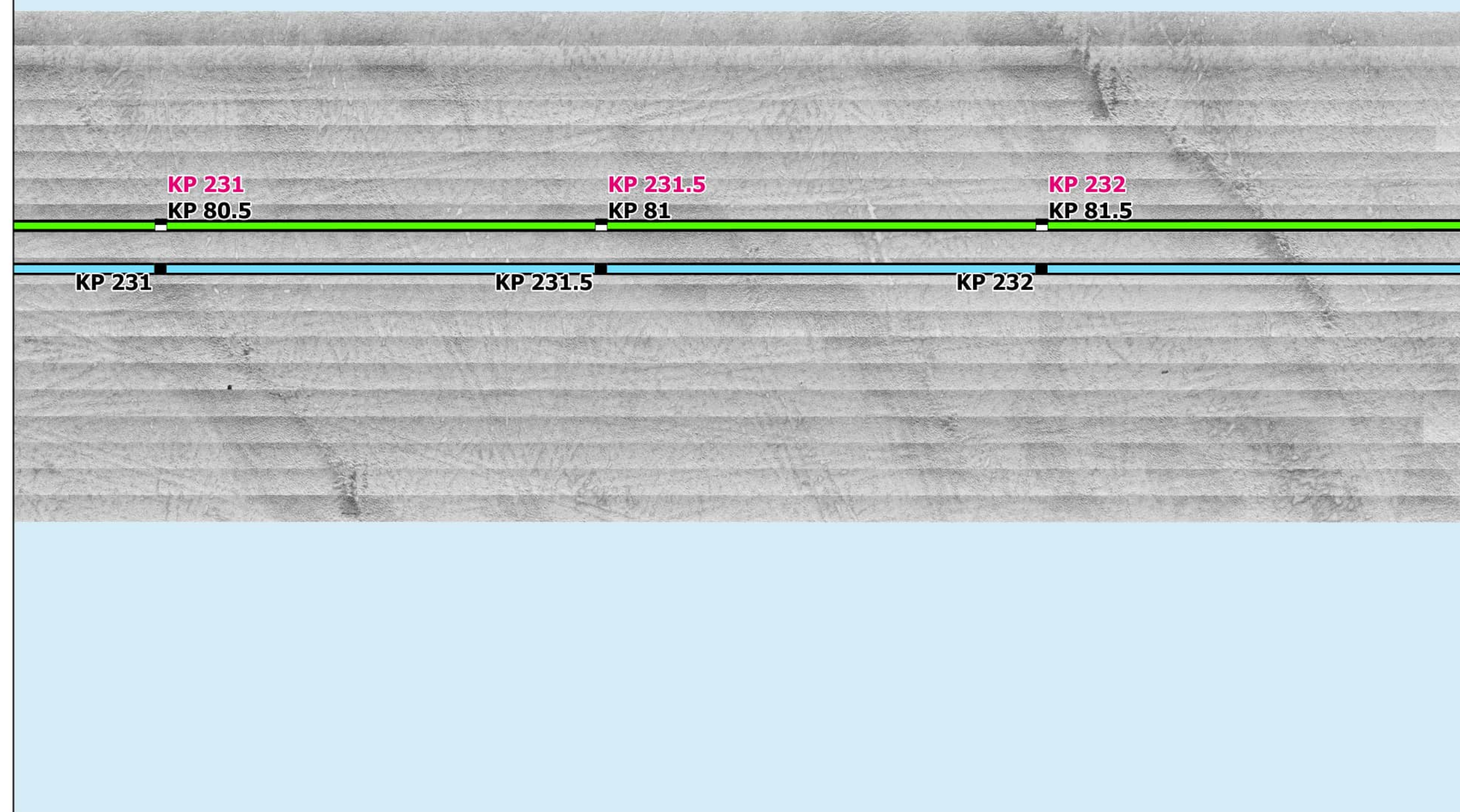
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



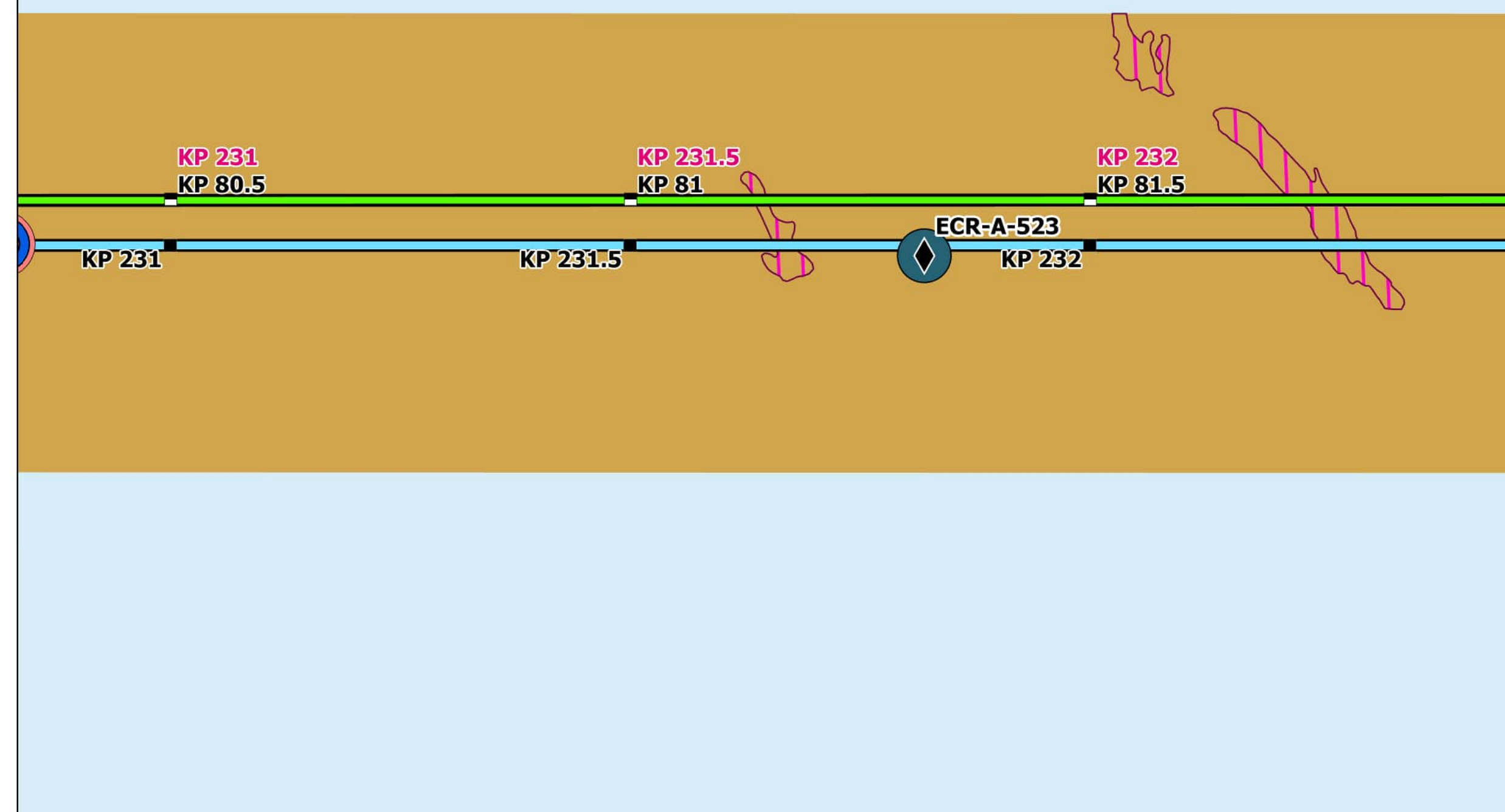
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



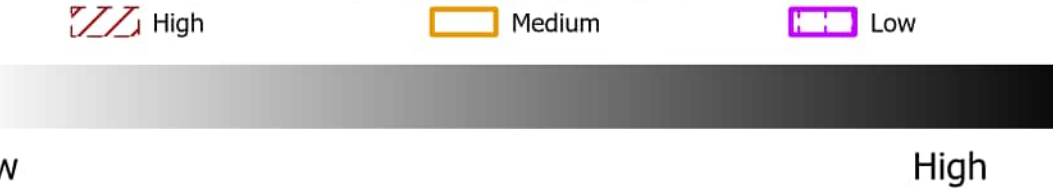
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

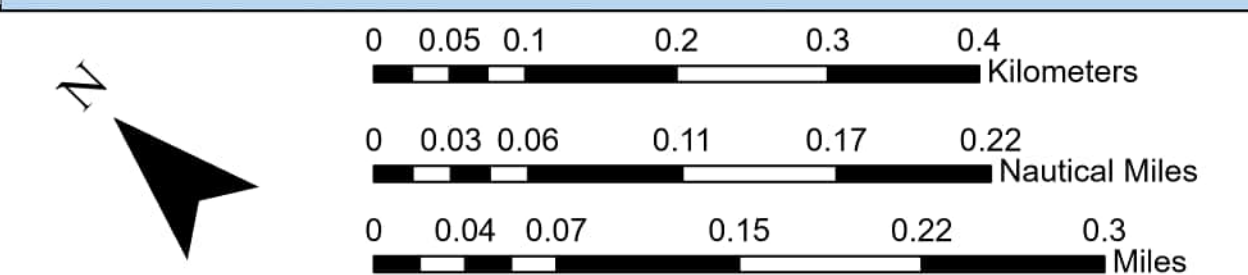
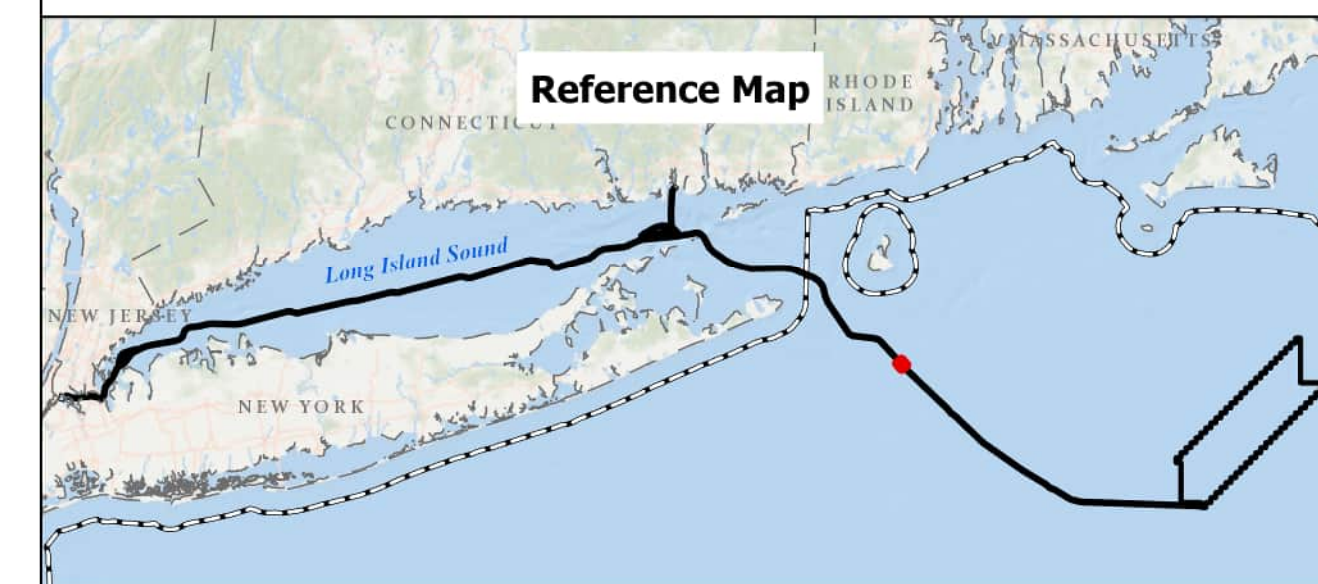
- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification**
 - Starfish Bed
 - Muddy Sand
- CMECS Biotic**
 - Sand
 - Burrows/Bioturbation
- CMECS Substrate**
 - Sand and Muddy Sand/Soft Bottom Habitat
- Benthic Features**
 - Sand Ripples
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



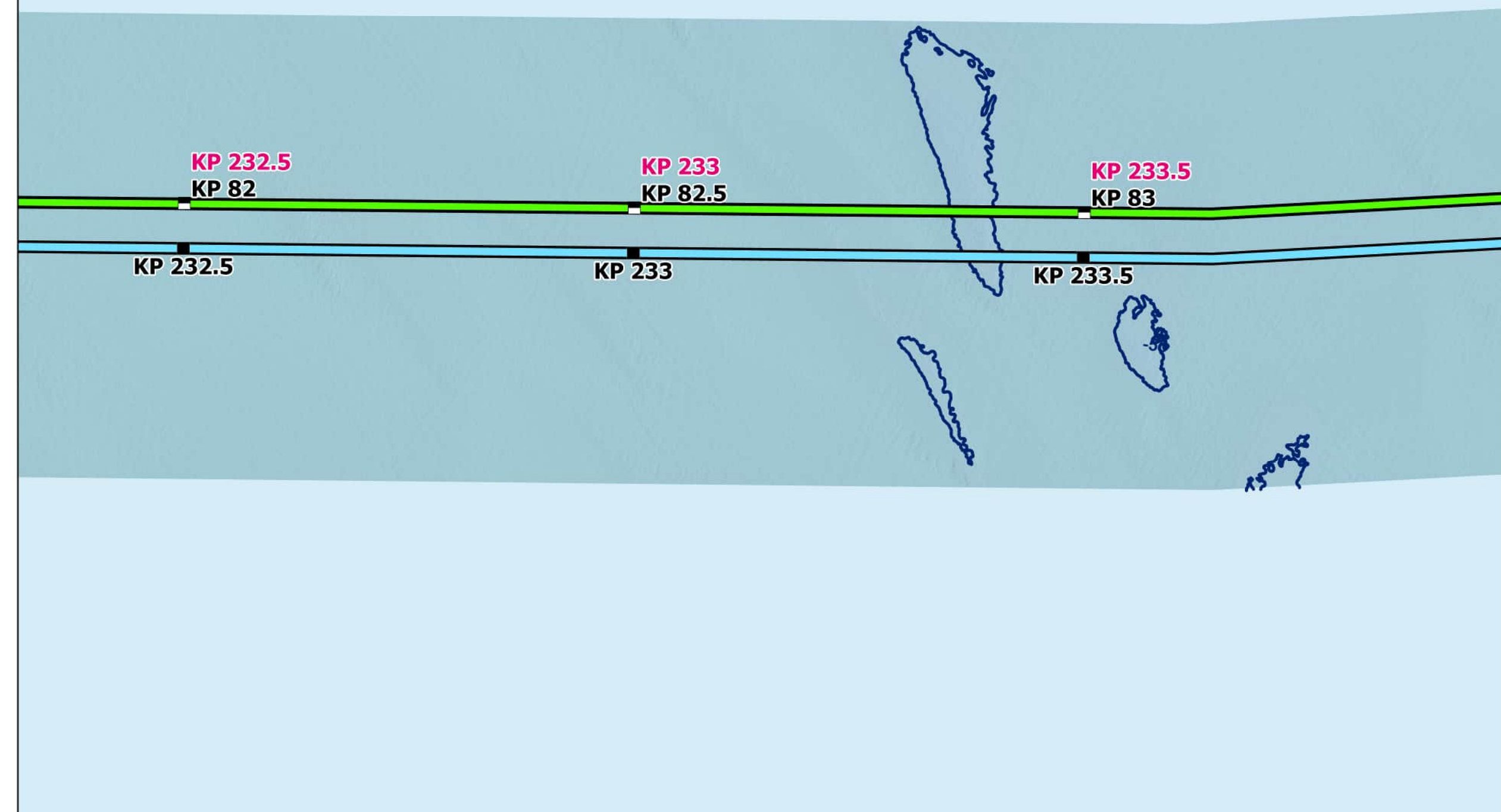
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 174

BW1 (NY) - KP 231 - KP 232
BW2 (NY) - KP 231 - KP 232
BW2 (CT) - KP 80.5 - KP 81.5

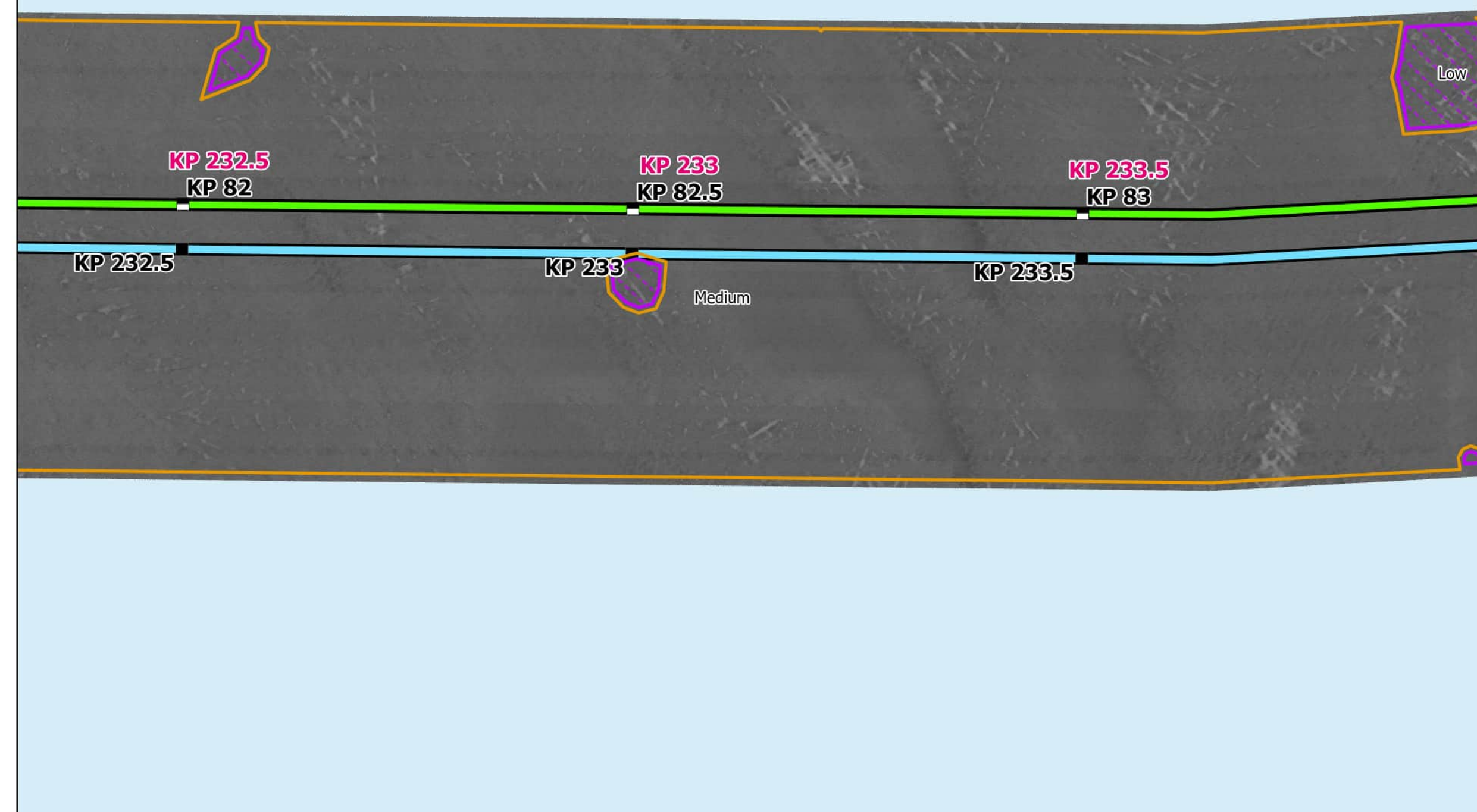
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



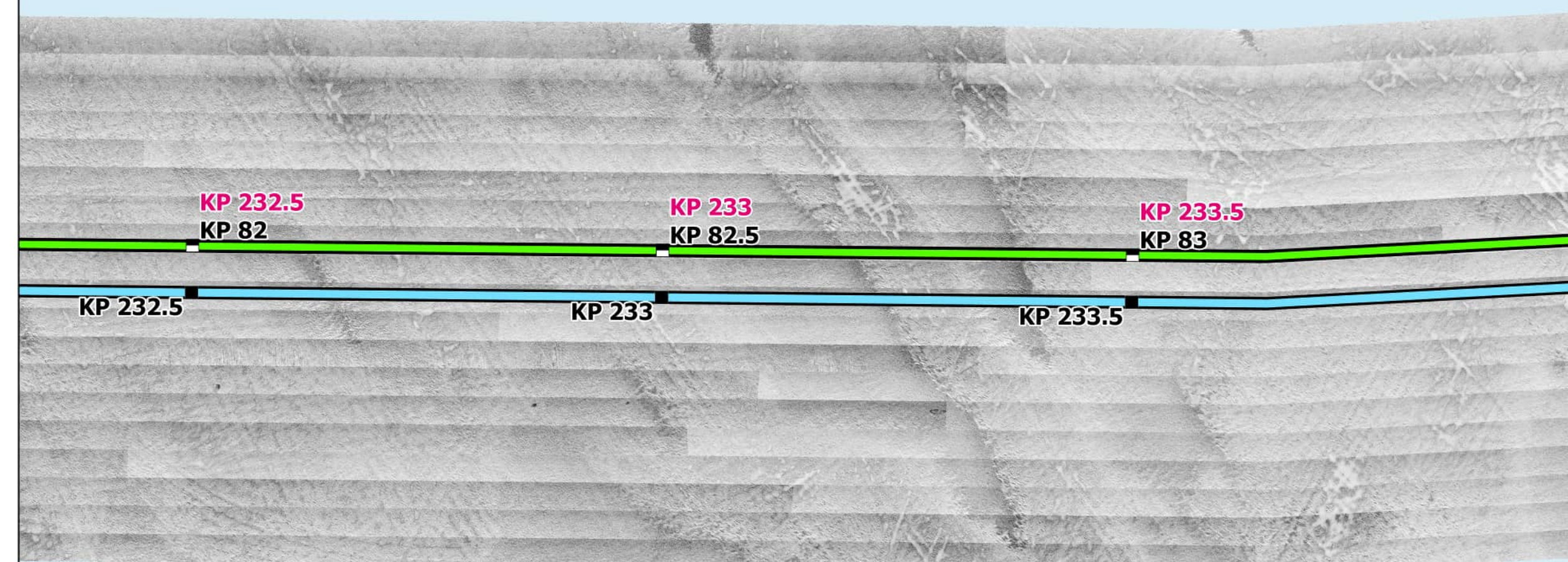
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



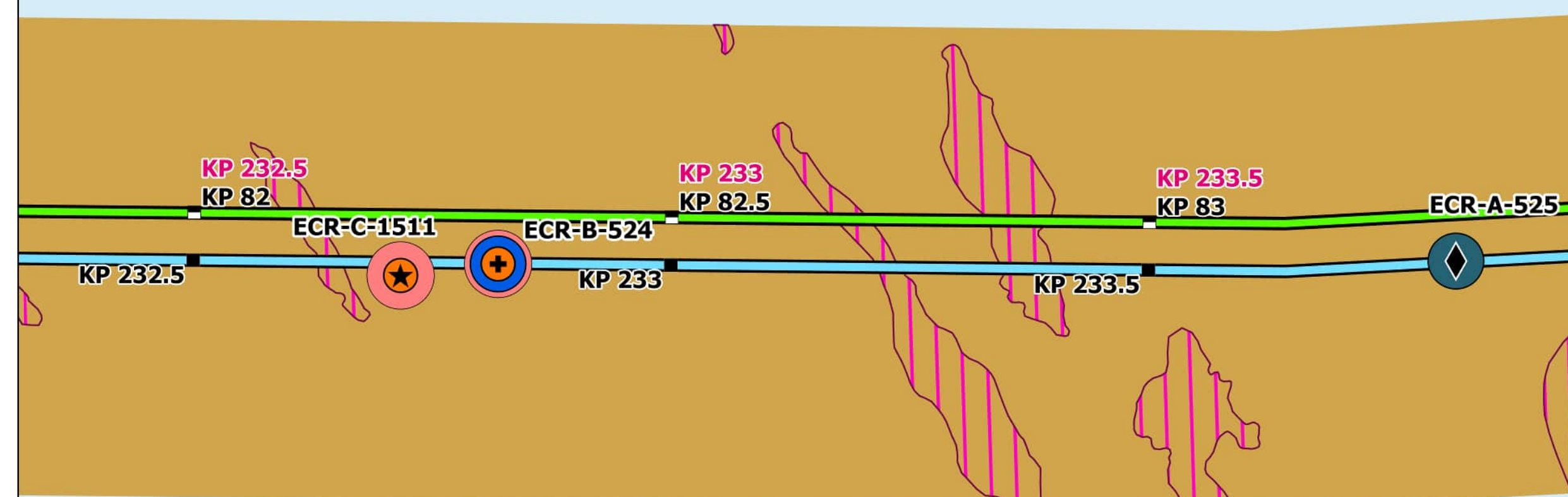
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

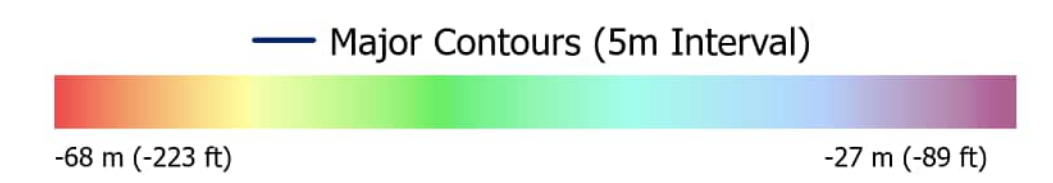


Map Book Package for Submarine Export Cable Route in Federal Waters



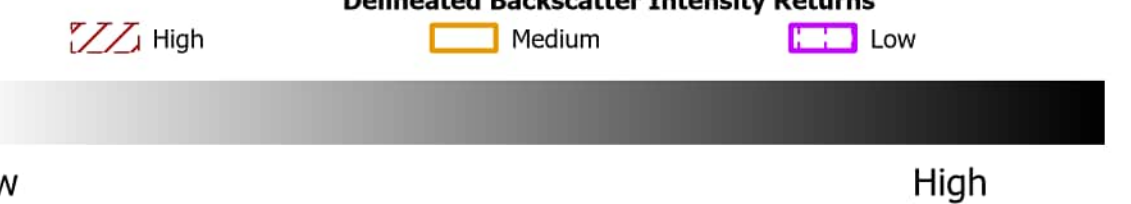
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



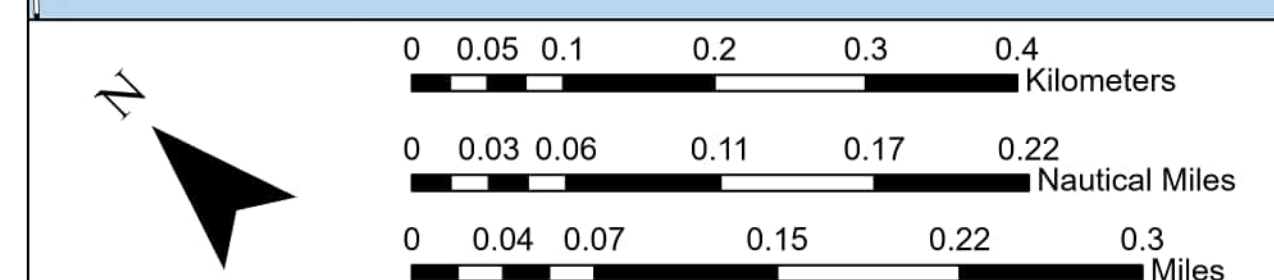
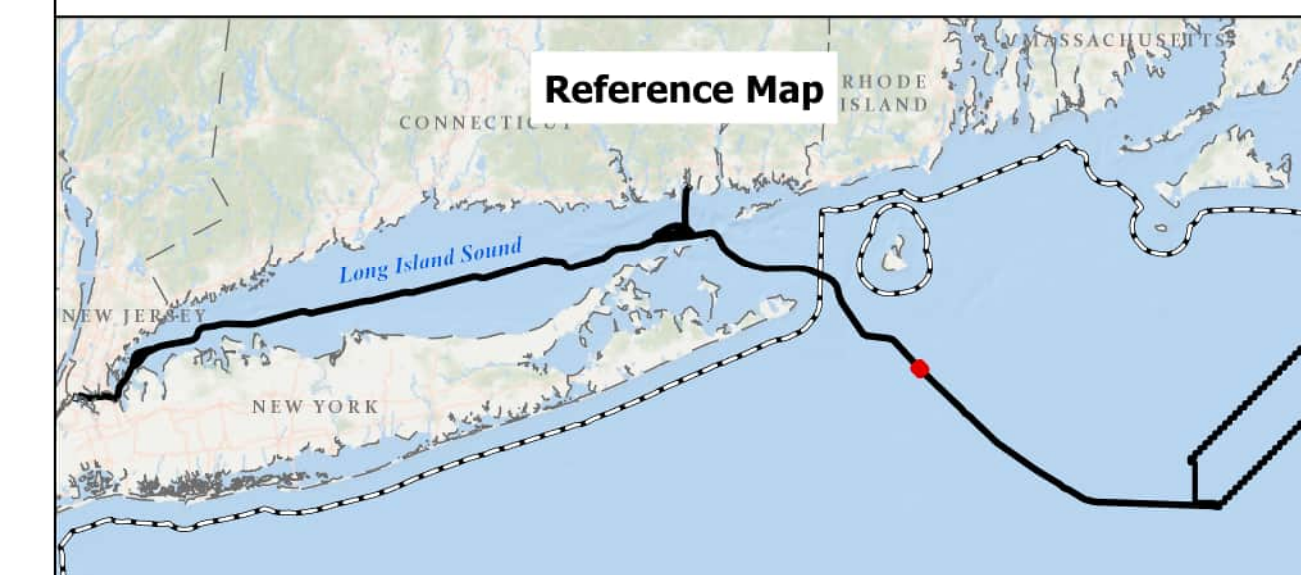
Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
 - ★ Video
 - CMECS Classification**
 - Starfish Bed
 - Muddy Sand
 - CMECS Biotic**
 - Sand
 - Burrows/Bioturbation
 - CMECS Substrate**
 - Sand and Muddy Sand/Soft Bottom Habitat
 - Benthic Features**
 - Sand Ripples
 - Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Sand and Muddy Sand/Soft Bottom Habitat
- Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



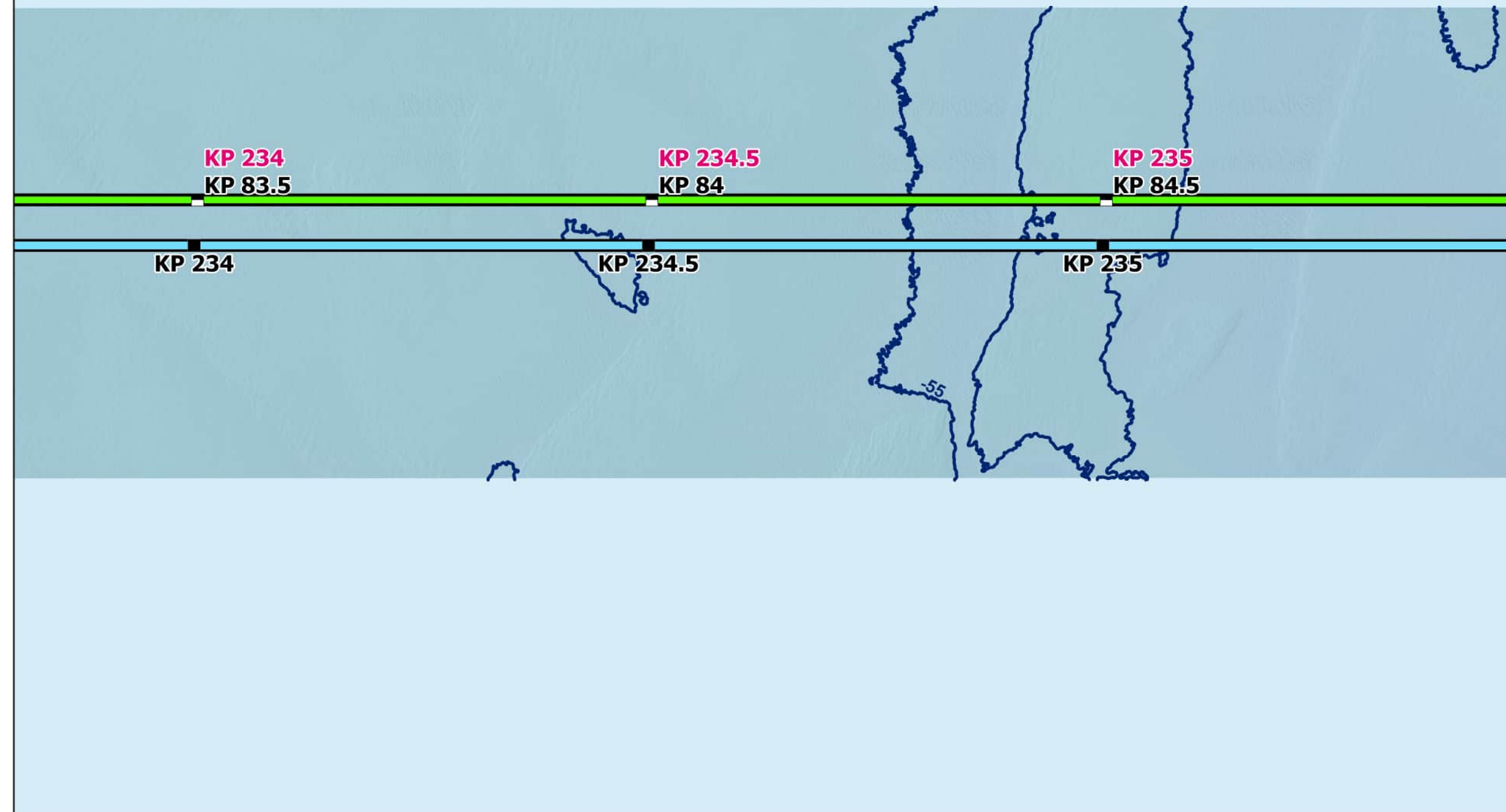
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 175

BW1 (NY) - KP 232.5 - KP 233.5
BW2 (NY) - KP 232.5 - KP 233.5
BW2 (CT) - KP 82 - KP 83

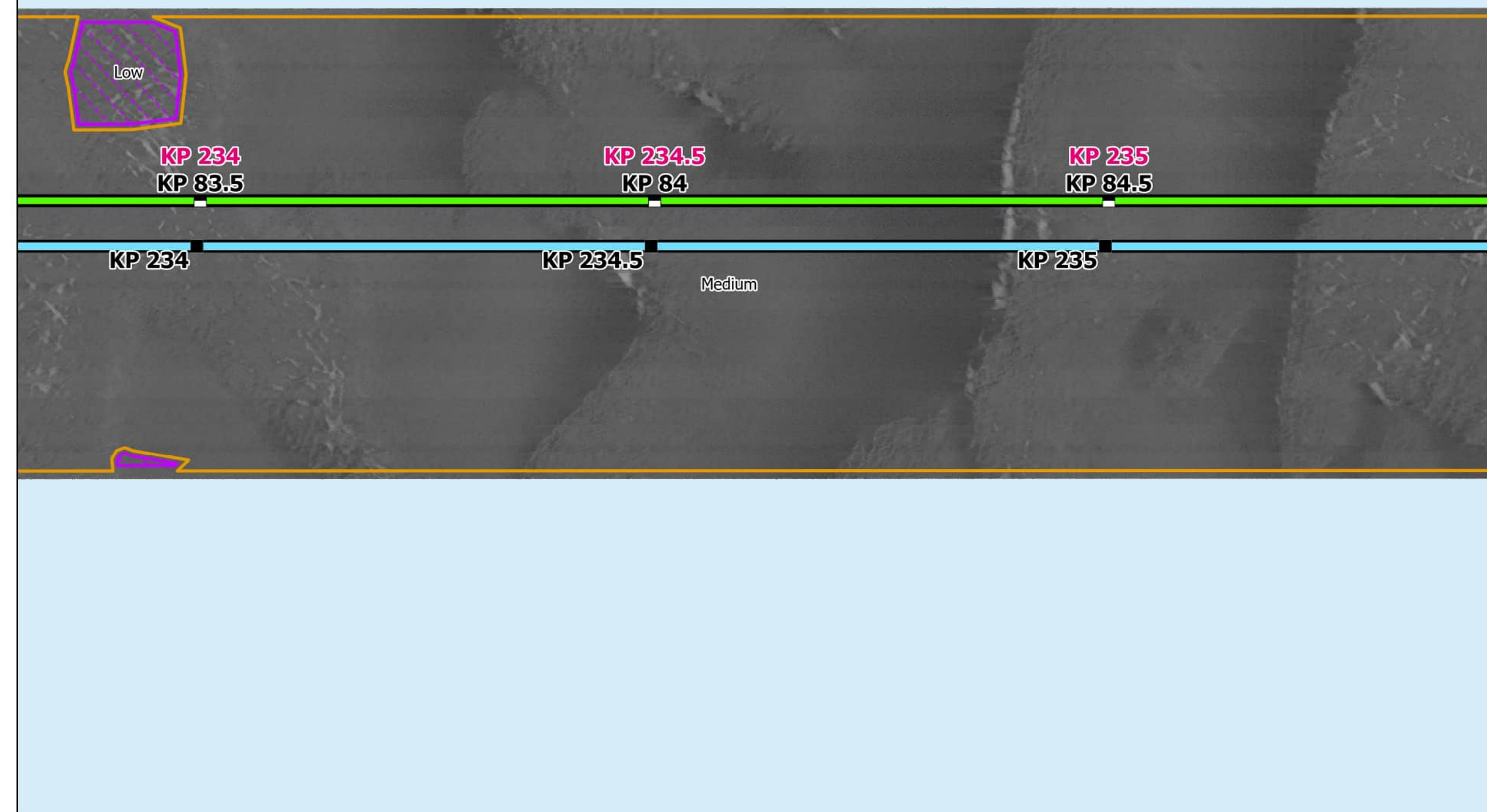
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



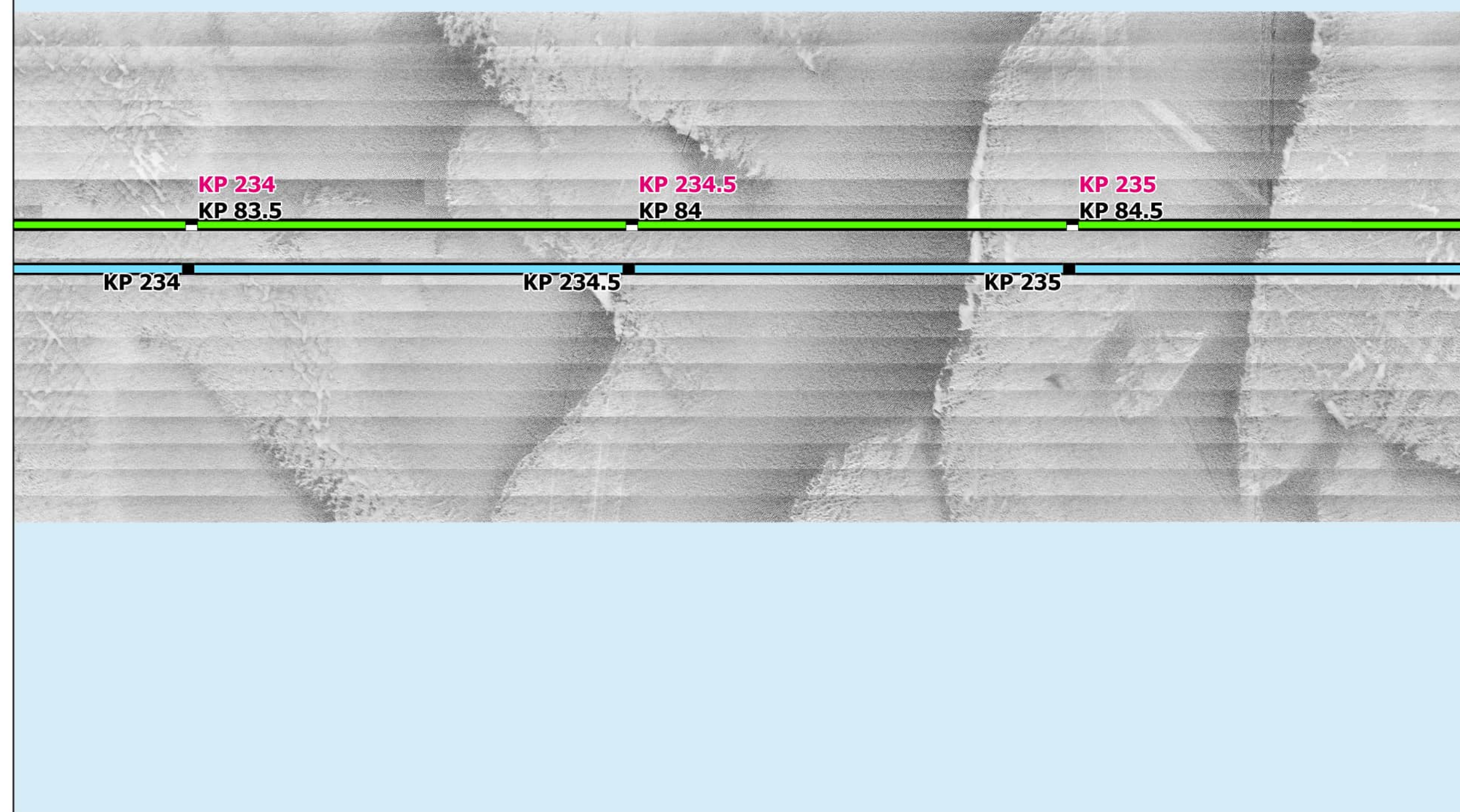
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



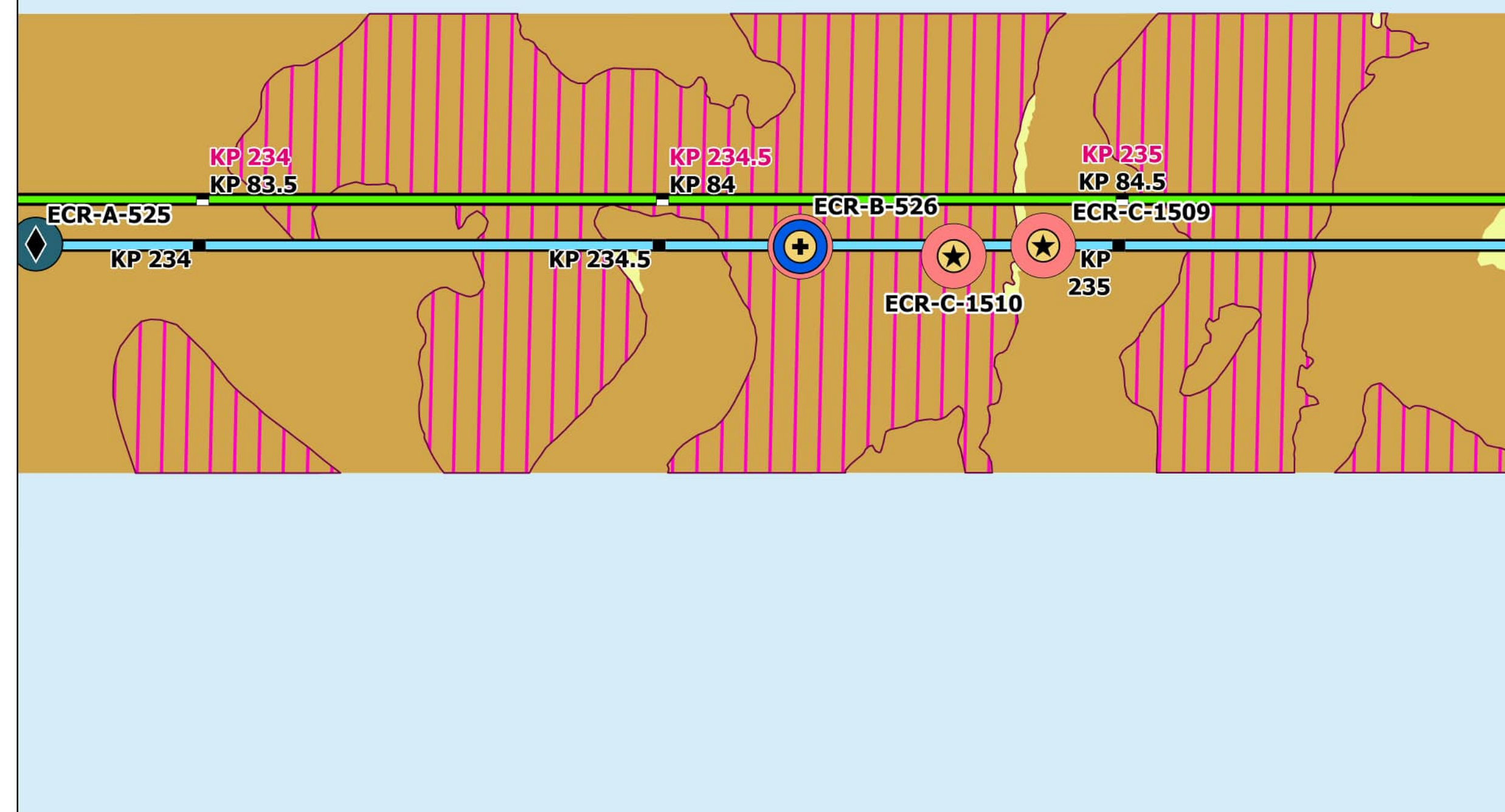
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)

— Major Contours (5m Interval)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



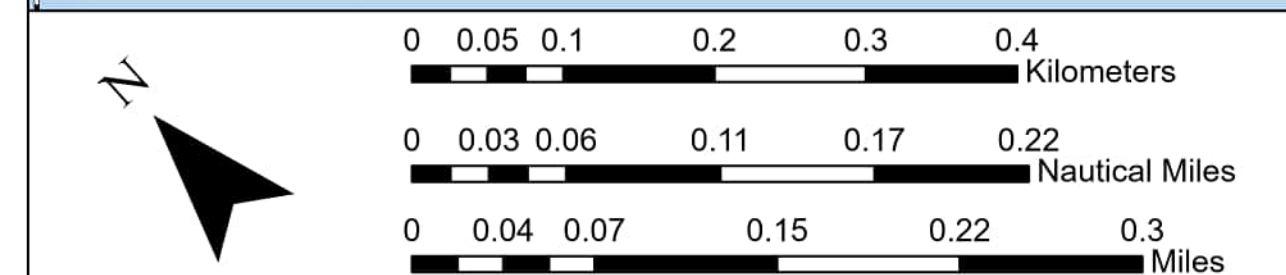
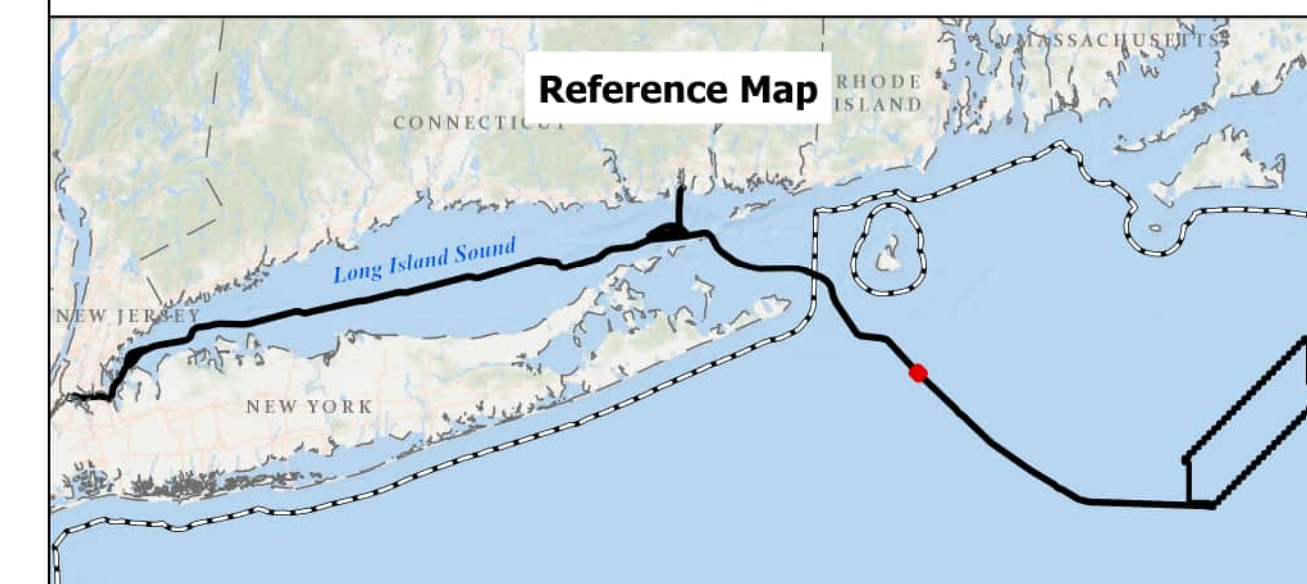
Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | | | | |
|-----------------------------|---|---------------------|---|---|
| Station Type | + | Grab and Video | ● | Sand |
| | ◆ | SPI/PV | ● | CMECS Geoform |
| | ★ | Video | ● | Burrows/Bioturbation |
| CMECS Classification | | | | Benthic Features |
| CMECS Biotic | ● | Soft Sediment Fauna | ■ | Sand Ripples |
| CMECS Substrate | ● | Muddy Sand | ■ | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| | | | ■ | Mud and Sandy Mud/Soft Bottom Habitat |
| | | | ■ | Sand and Muddy Sand/Soft Bottom Habitat |
- Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



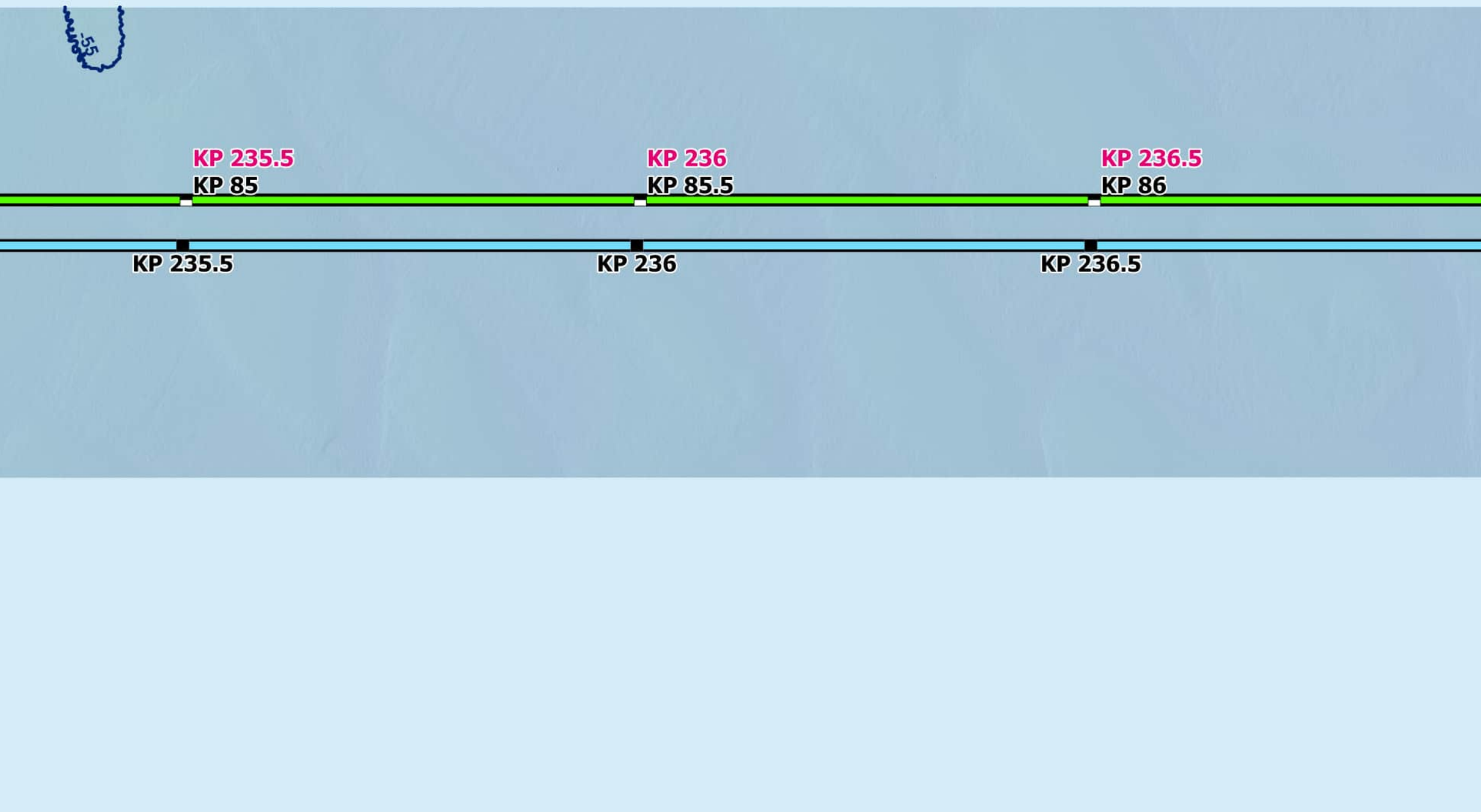
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 176

BW1 (NY) - KP 234 - KP 235
BW2 (NY) - KP 234 - KP 235
BW2 (CT) - KP 83.5 - KP 84.5

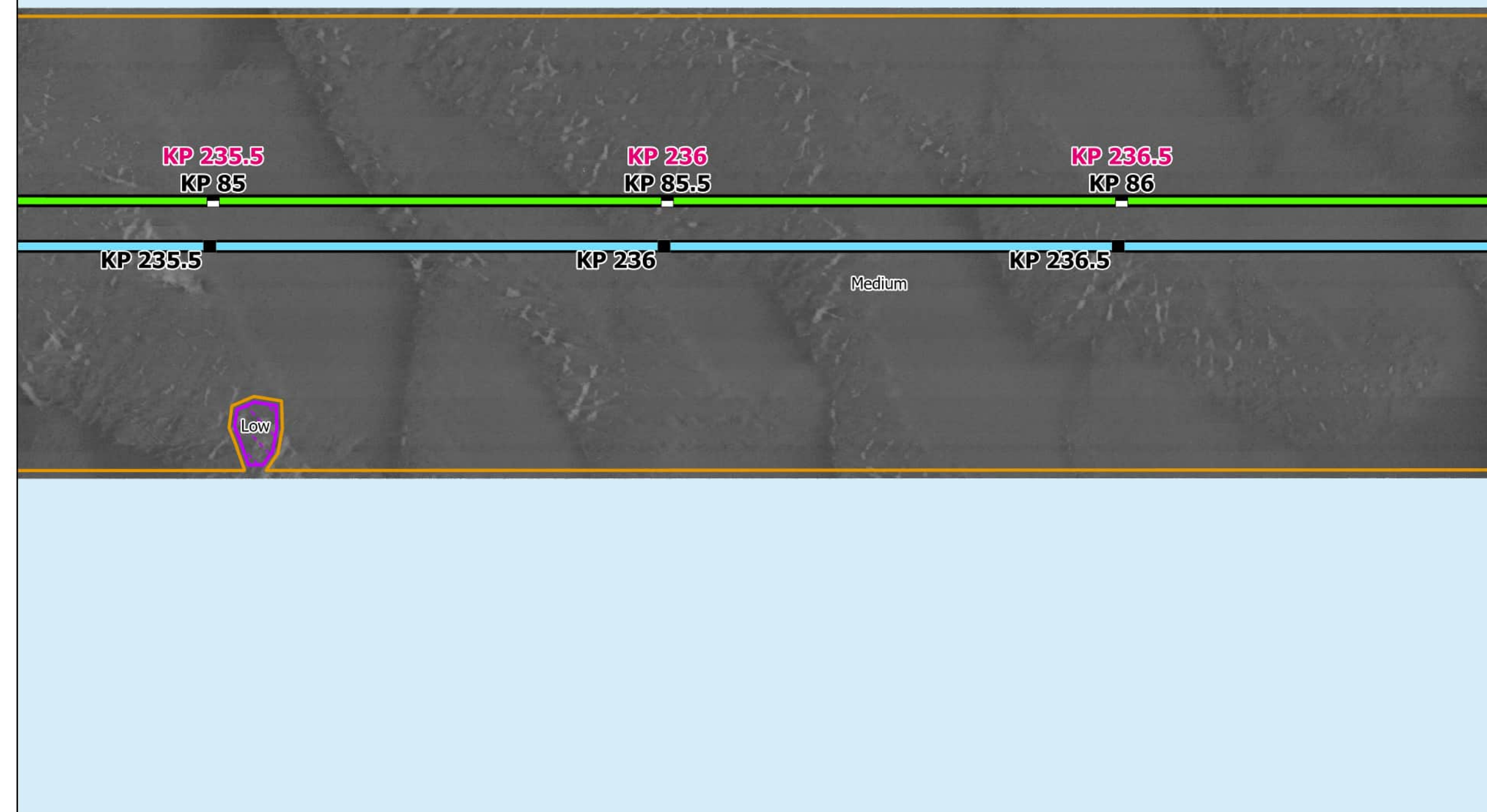
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



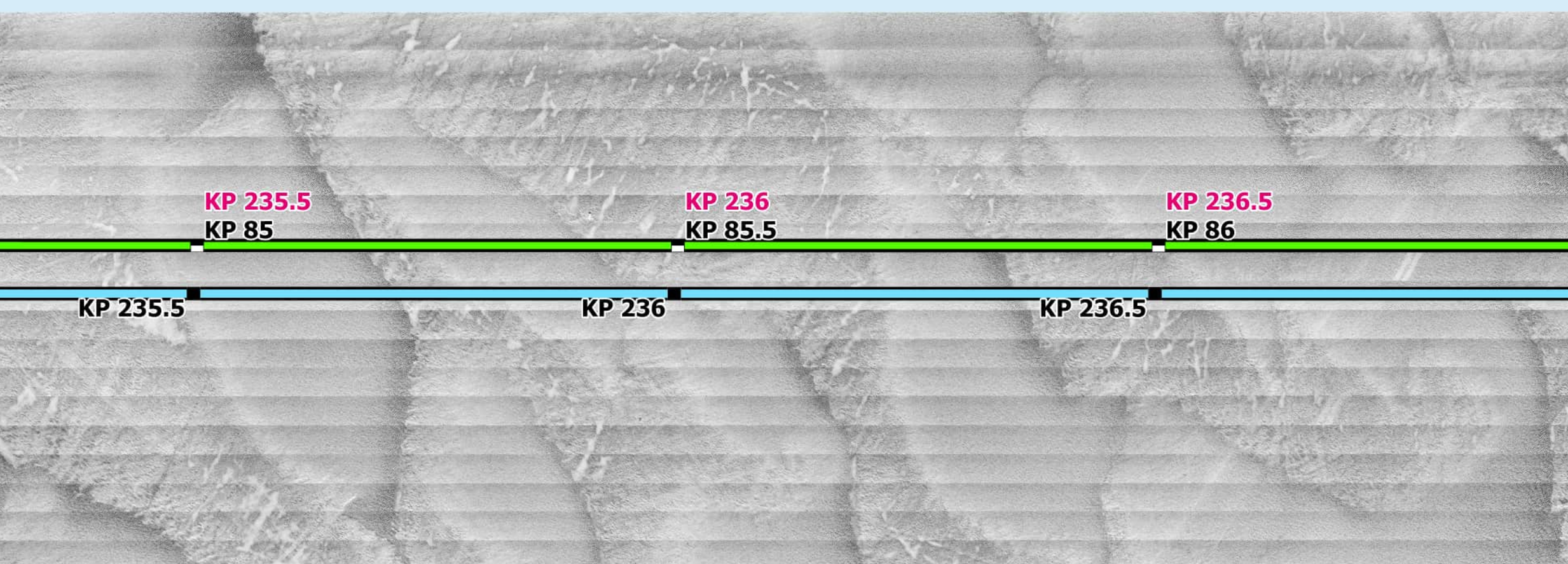
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



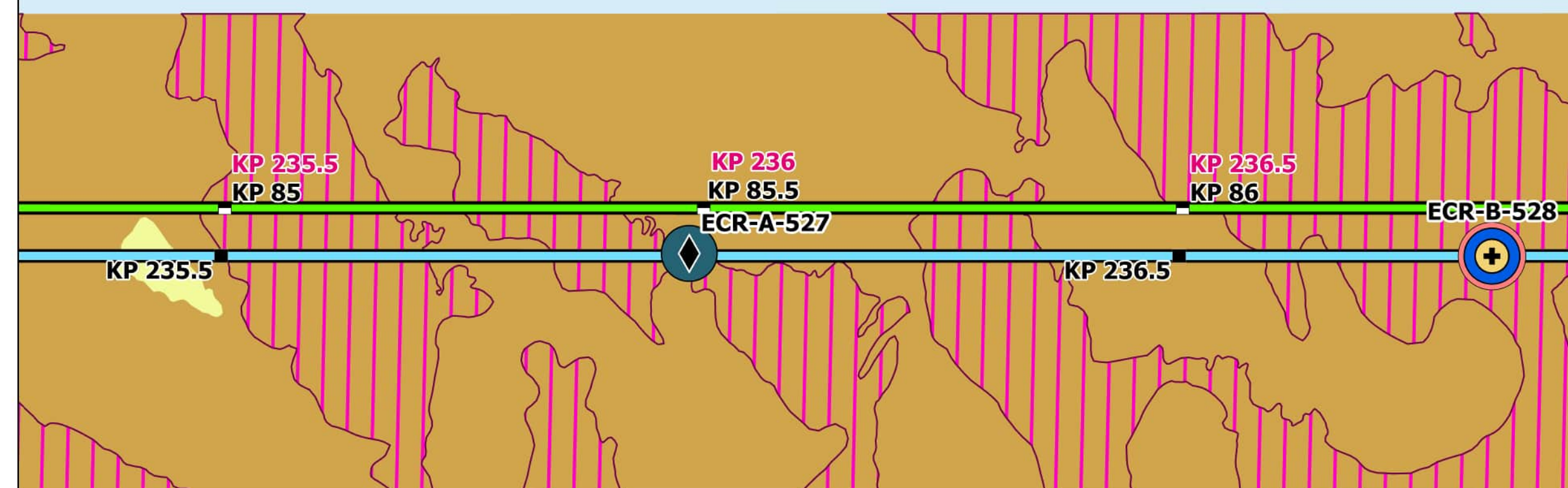
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

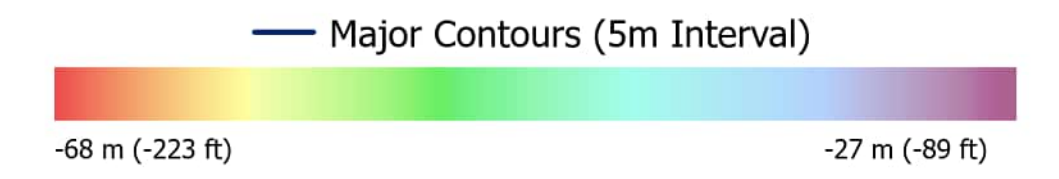


Map Book Package for Submarine Export Cable Route in Federal Waters



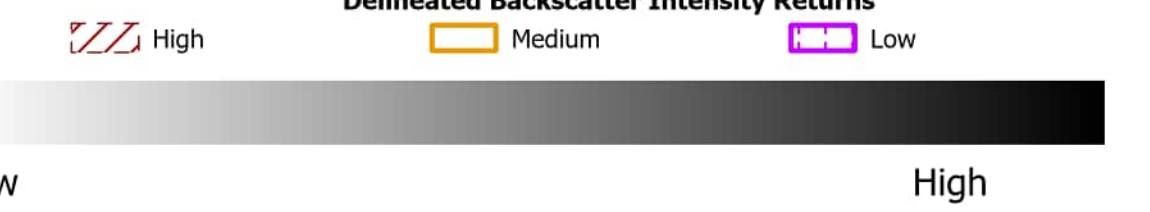
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

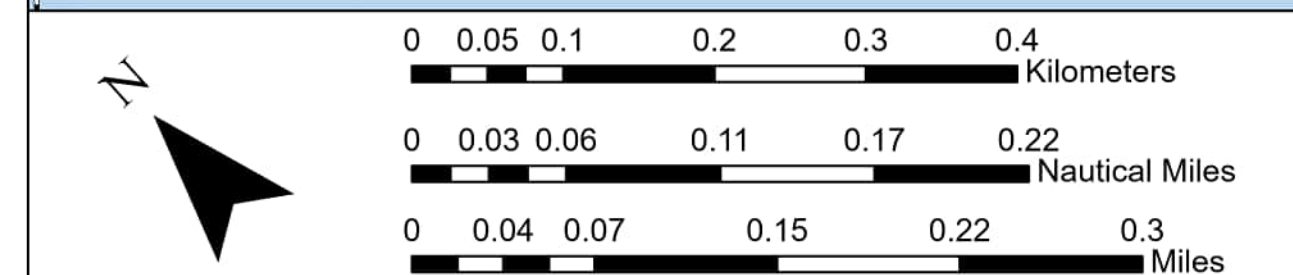
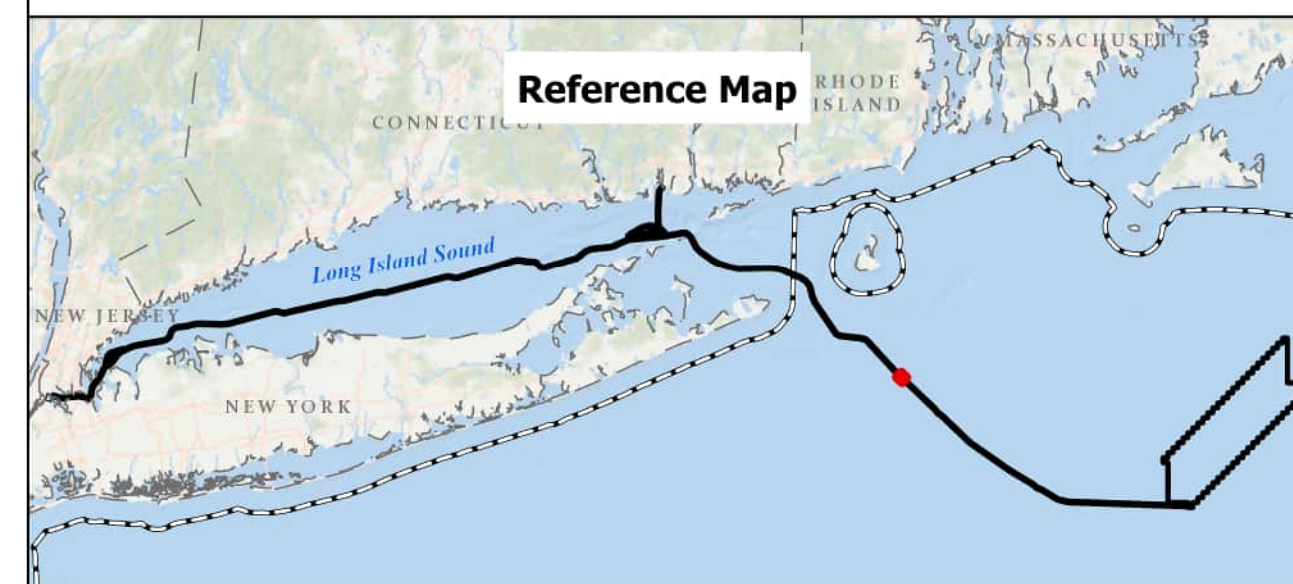
- | | |
|-----------------------------|---|
| Station Type | CMECS Geomorph |
| ✚ Grab and Video | ● Burrows/Bioturbation |
| ◆ SPI/PV | |
| CMECS Classification | Benthic Features |
| CMECS Biotic | ▨ Sand Ripples |
| ● Soft Sediment Fauna | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| CMECS Substrate | ■ Mud and Sandy Mud/Soft Bottom Habitat |
| ● Muddy Sand | ■ Sand and Muddy Sand/Soft Bottom Habitat |
| ● Sand | |

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



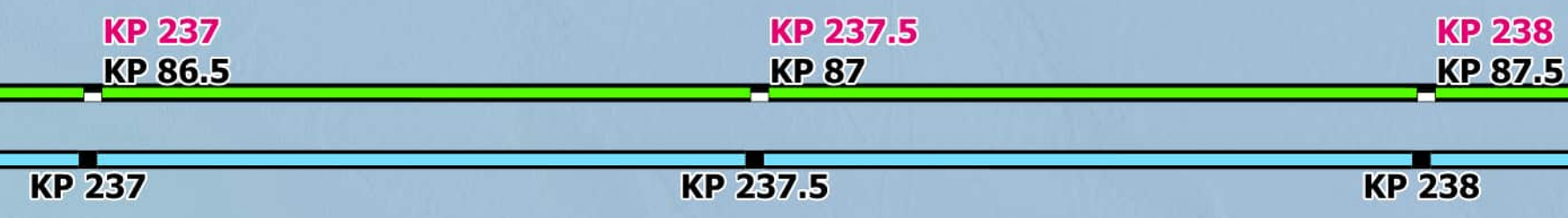
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 177

BW1 (NY) - KP 235.5 - KP 236.5
BW2 (NY) - KP 235.5 - KP 236.5
BW2 (CT) - KP 85 - KP 86

Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

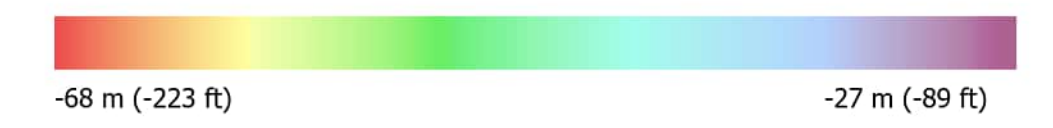


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar

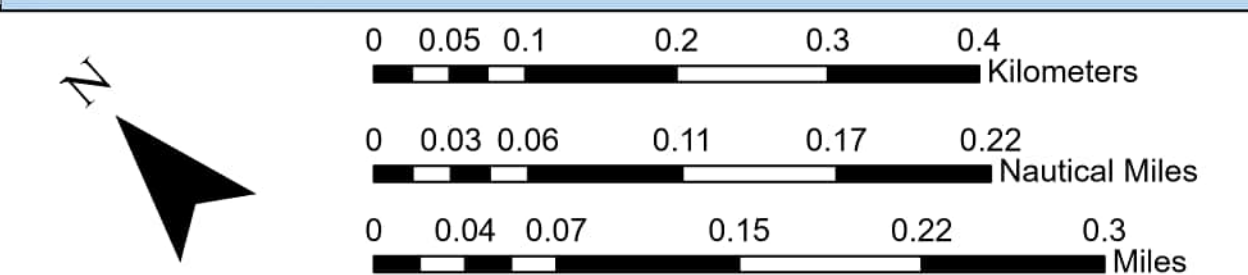
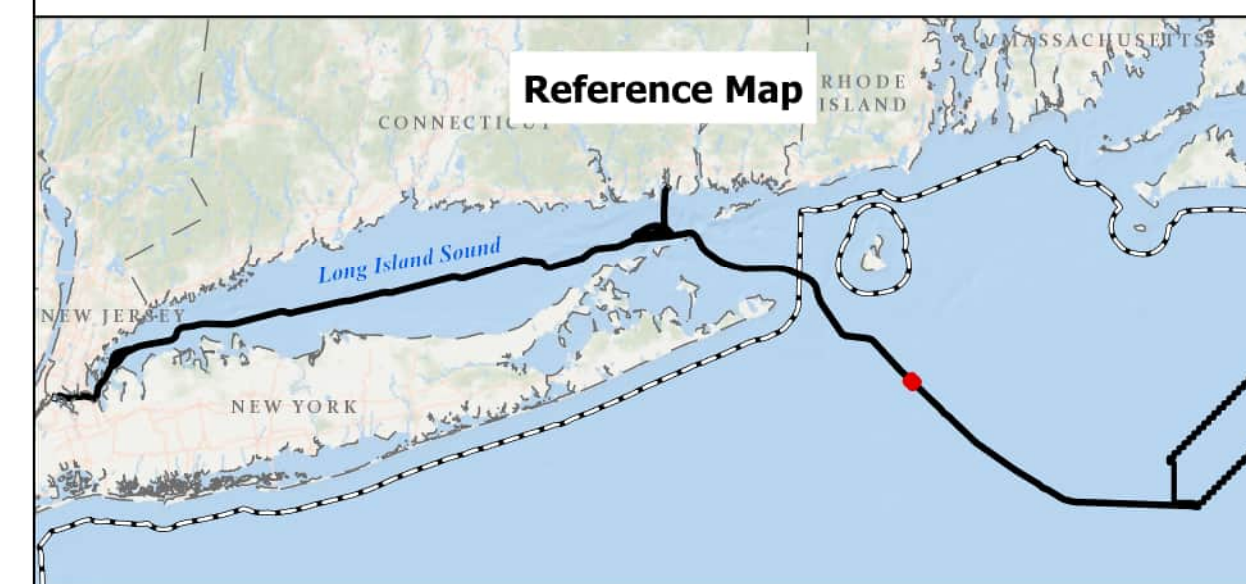


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ✚ Grab and Video
 - ◆ SPI/PV
 - ★ Video
- CMECS Classification**
 - CMECS Biotic: Soft Sediment Fauna
 - CMECS Substrate: Muddy Sand
- CMECS Geoform**
 - Burrows/Bioturbation
- Benthic Features**
 - Sand Ripples
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



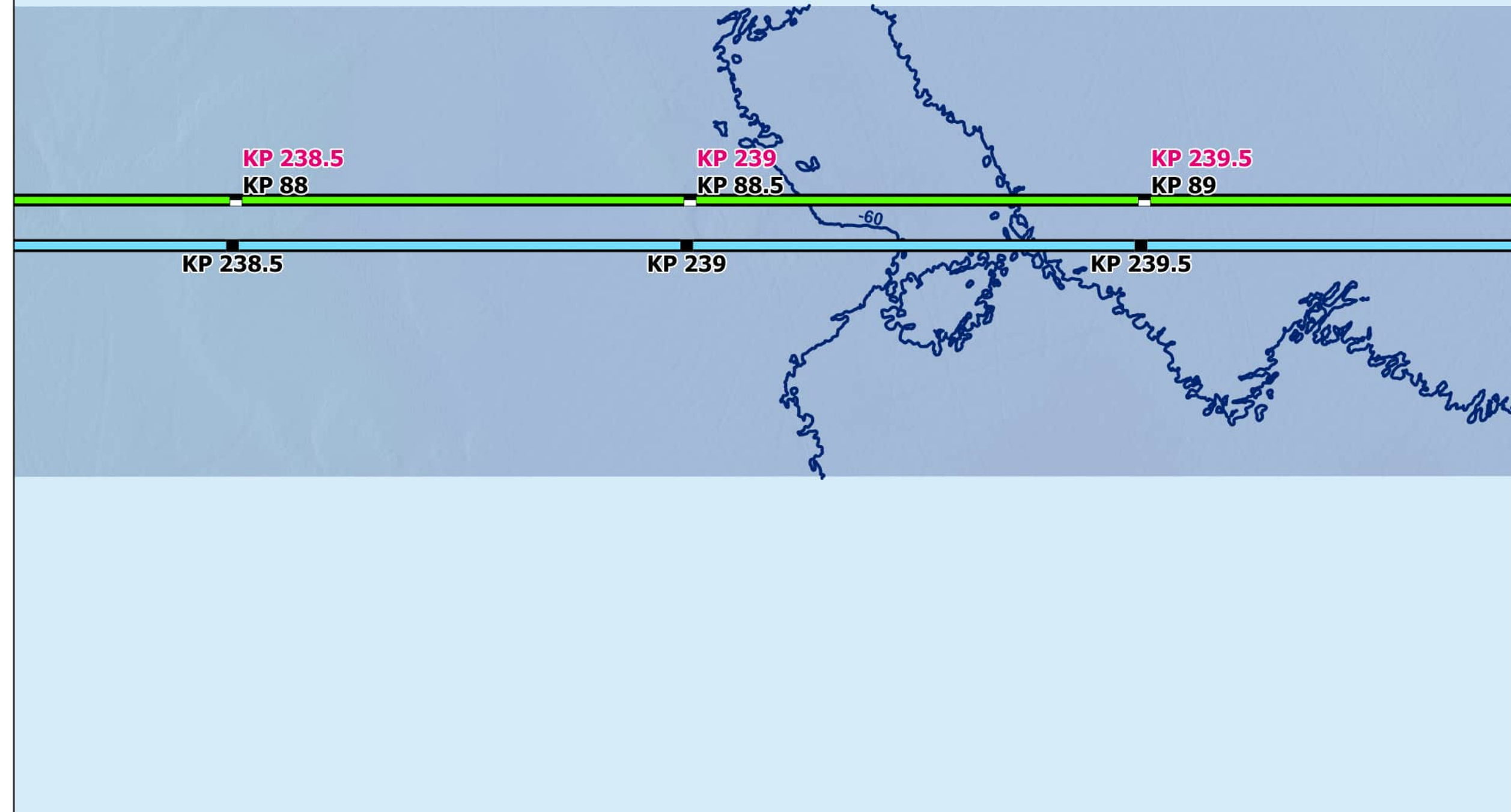
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 178

BW1 (NY) - KP 237 - KP 238
BW2 (NY) - KP 237 - KP 238
BW2 (CT) - KP 86.5 - KP 87.5

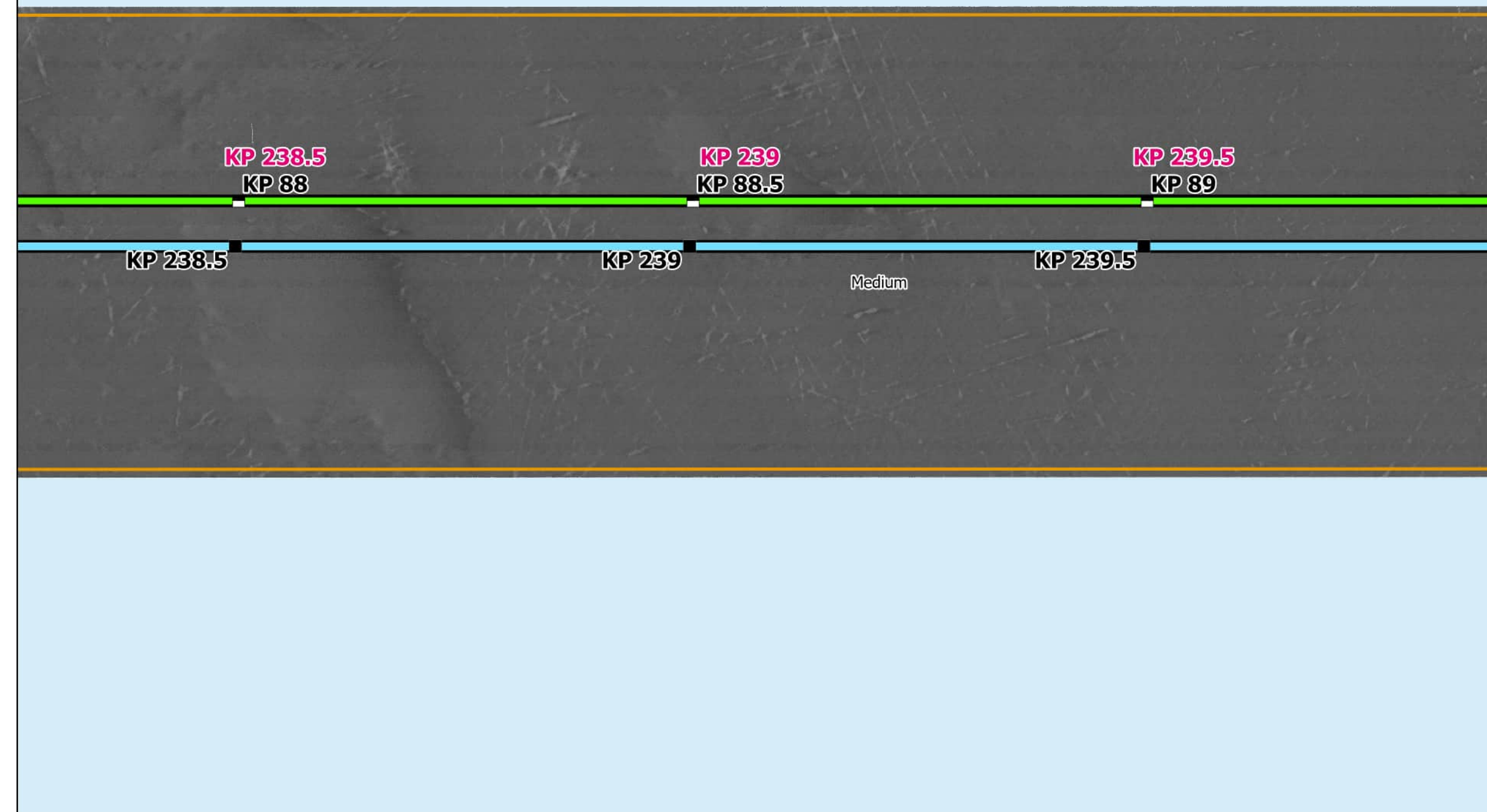
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



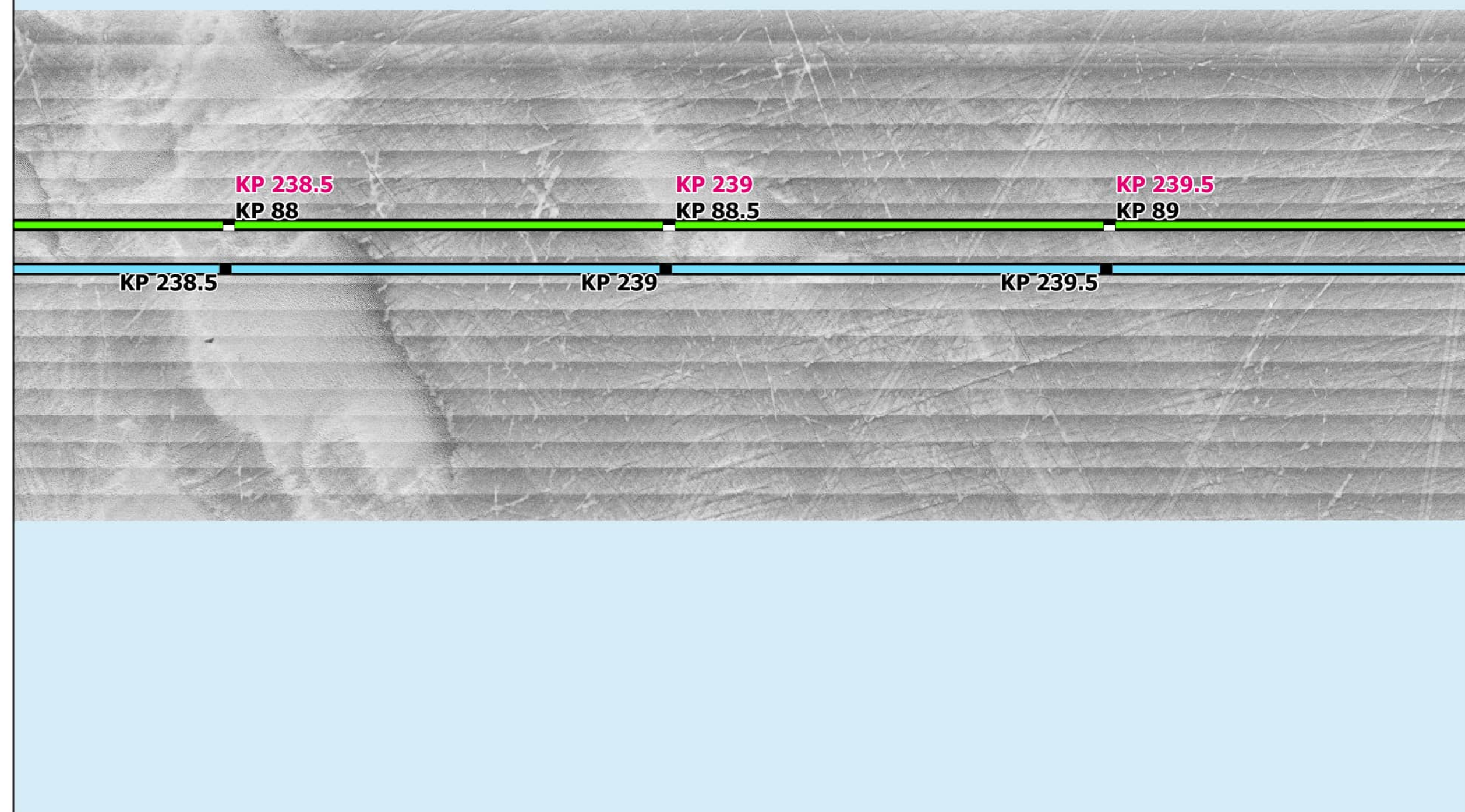
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



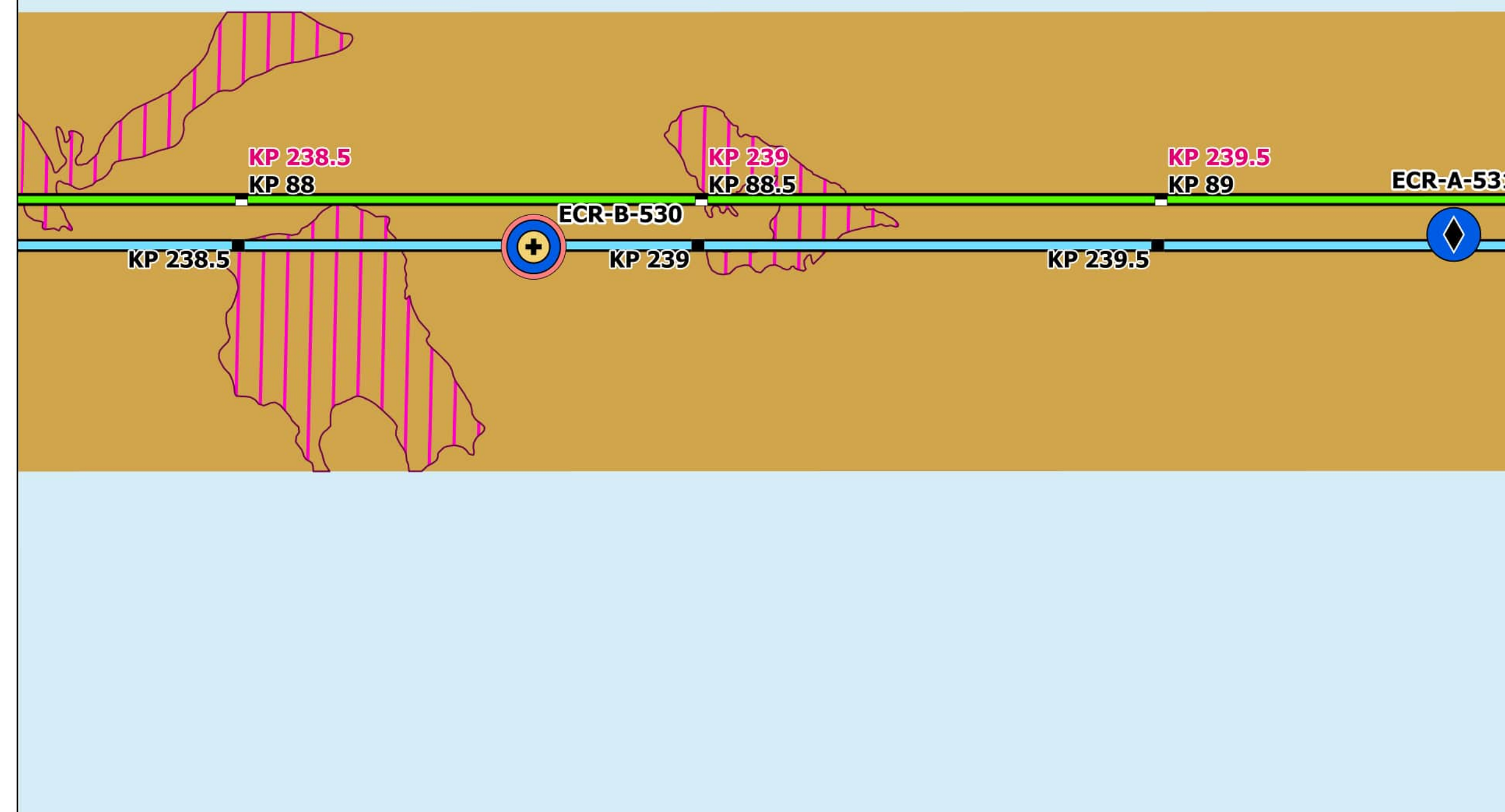
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

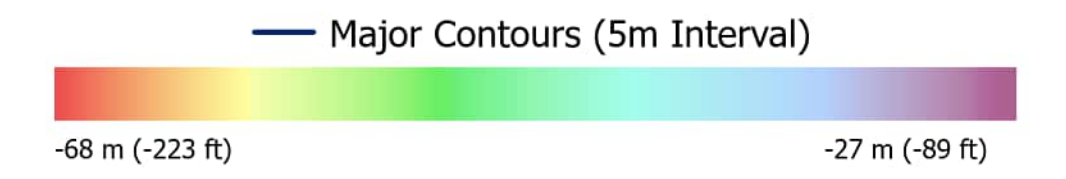


Map Book Package for Submarine Export Cable Route in Federal Waters



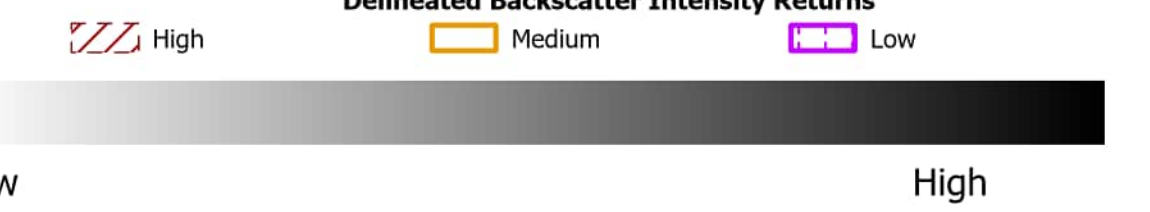
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (V13)
- BW2 Submarine Export Cable Route (V13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar

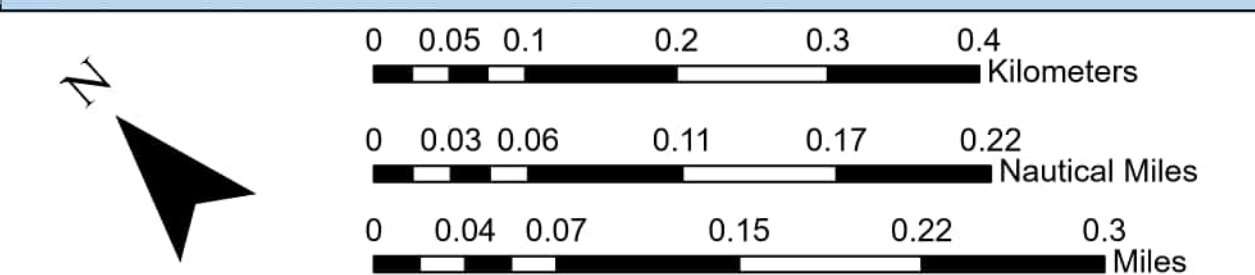
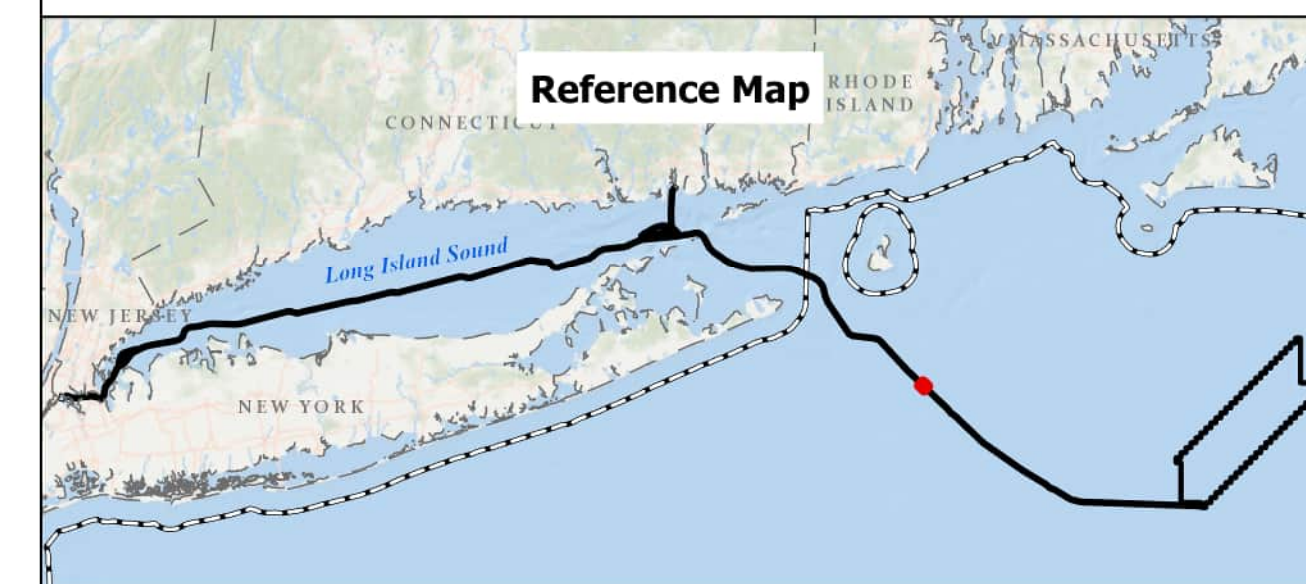


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | |
|-----------------------------|---|
| Station Type | CMECS Geoform |
| ✚ Grab and Video | ● Burrows/Bioturbation |
| ◆ SPI/PV | |
| CMECS Classification | Benthic Features |
| CMECS Biotic | ▨ Sand Ripples |
| ● Soft Sediment Fauna | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| CMECS Substrate | ■ Sand and Muddy Sand/Soft Bottom Habitat |
| ● Muddy Sand | |

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



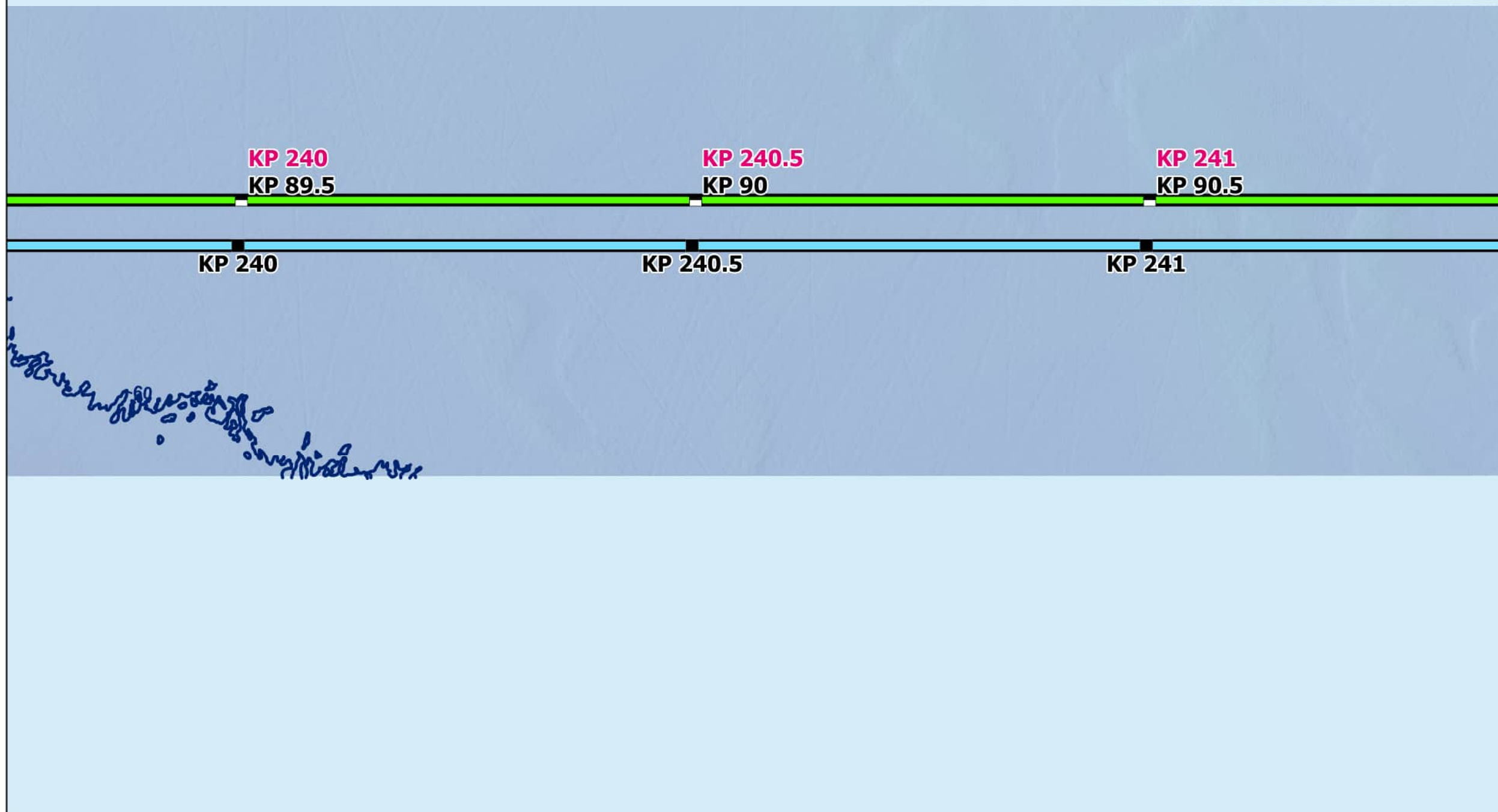
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 179

BW1 (NY) - KP 238.5 - KP 239.5
BW2 (NY) - KP 238.5 - KP 239.5
BW2 (CT) - KP 88 - KP 89

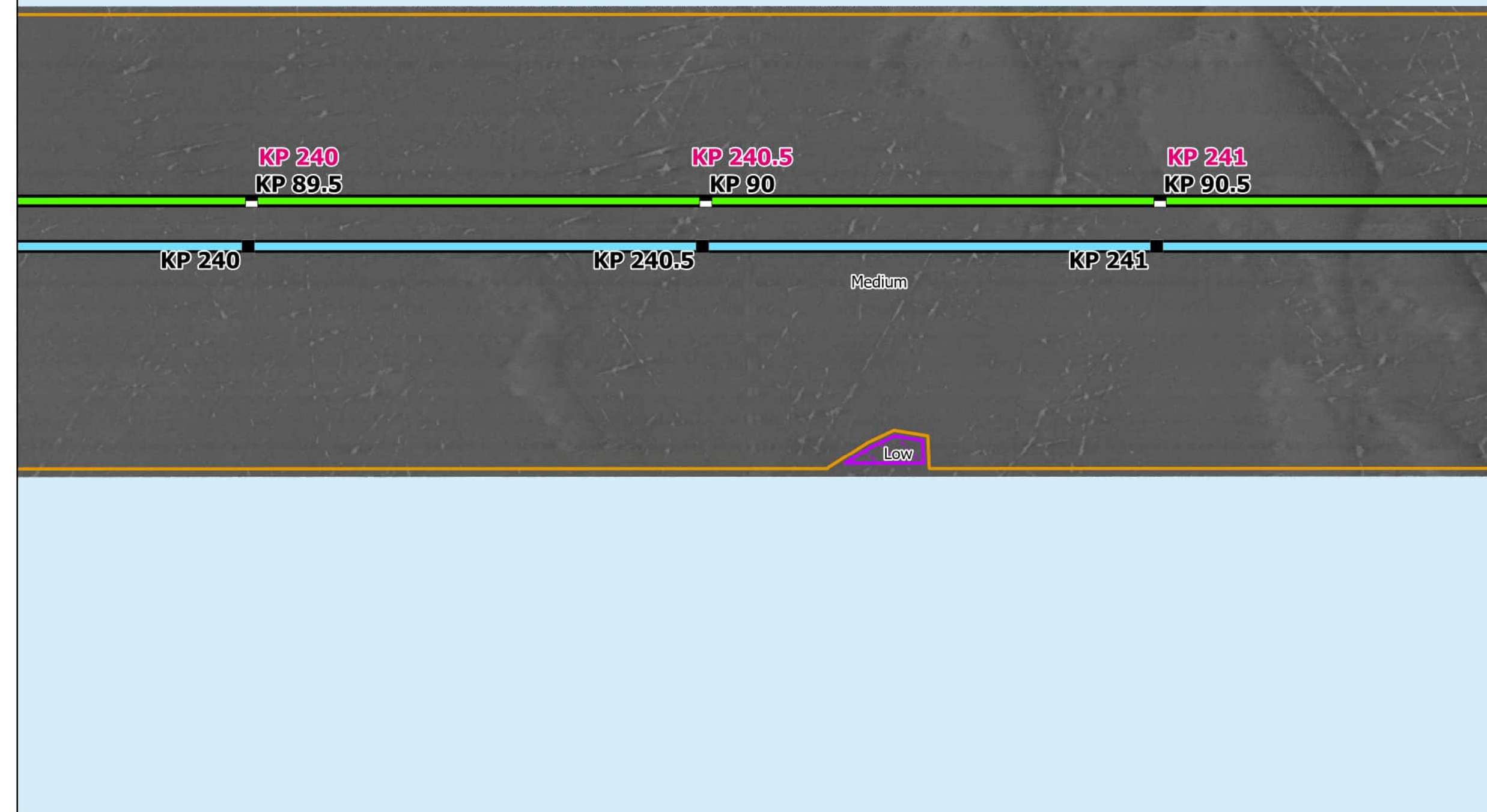
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



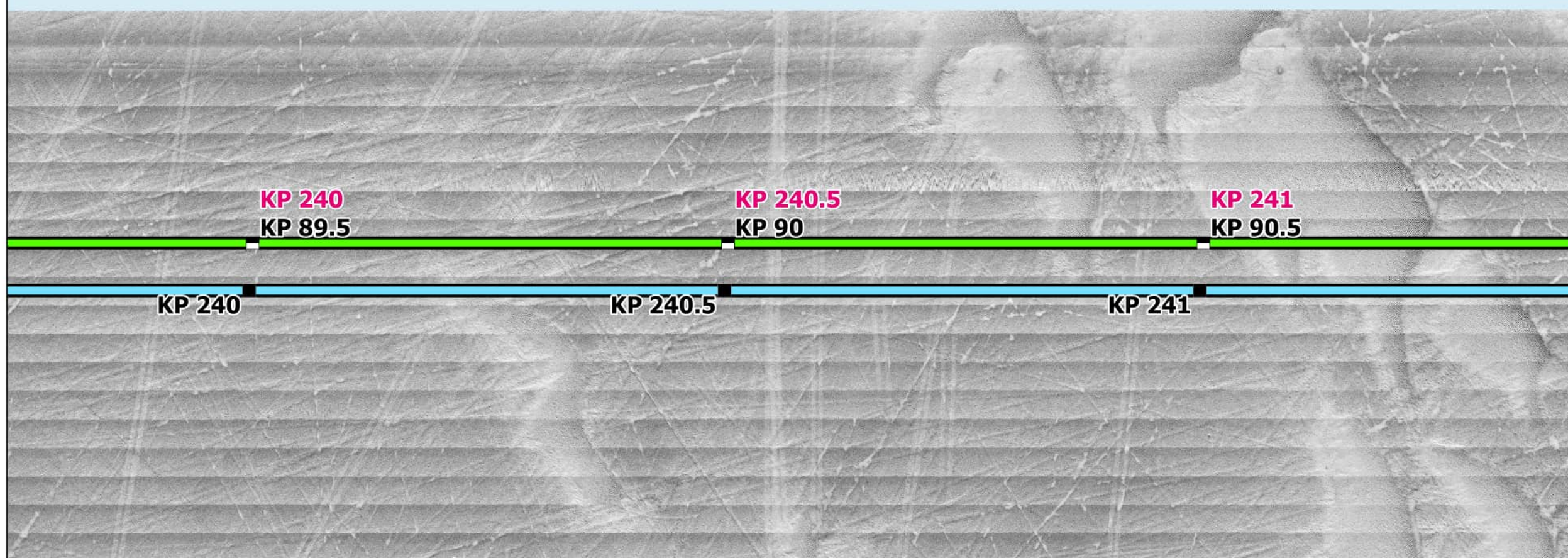
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



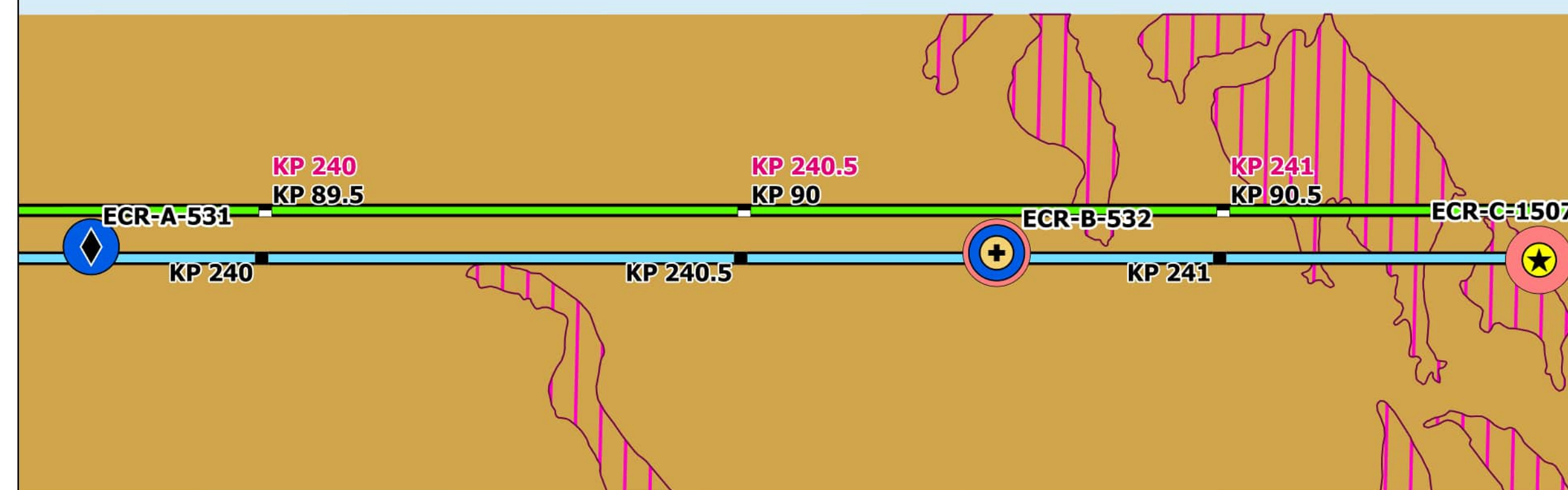
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

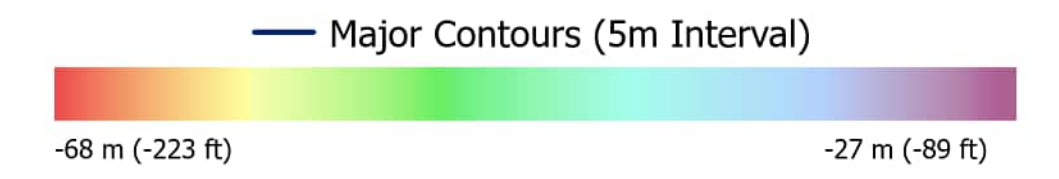


Map Book Package for Submarine Export Cable Route in Federal Waters

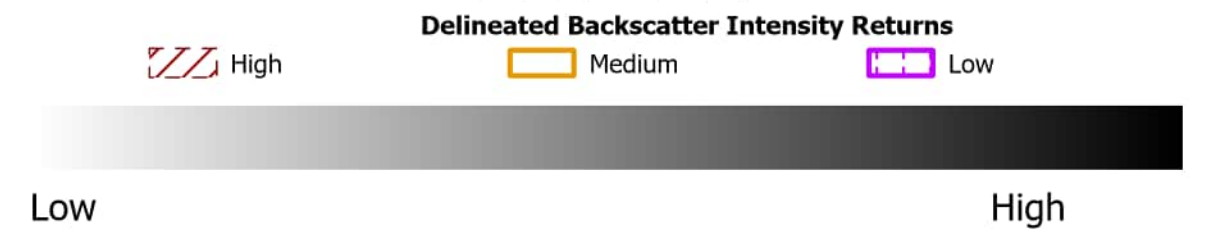


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

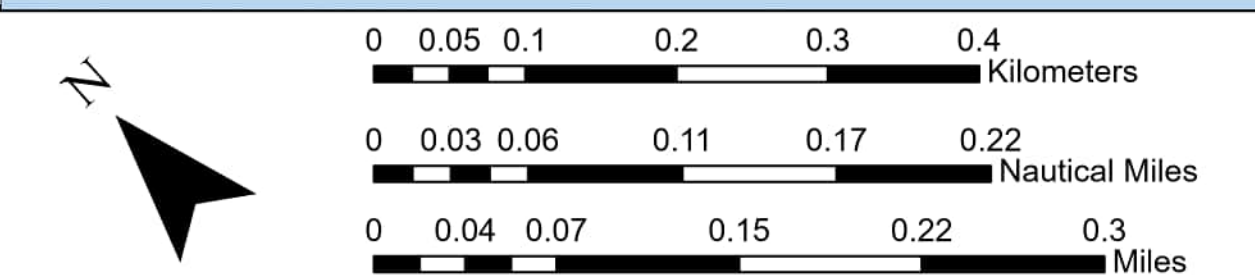
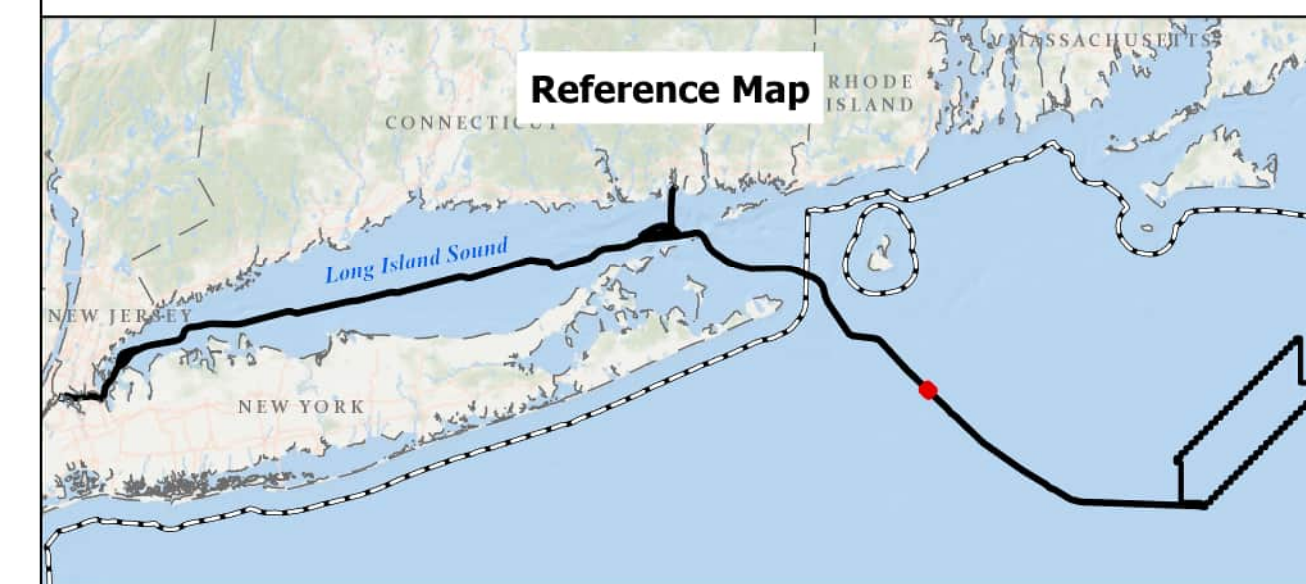
- | | |
|-----------------------------|---|
| Station Type | CMECS Geoform |
| ✚ Grab and Video | ● Burrows/Bioturbation |
| ◆ SPI/PV | Benthic Features |
| ★ Video | ▭ Sand Ripples |
| CMECS Classification | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| ● Sand Dollar Bed | ■ Sand and Muddy Sand/Soft Bottom Habitat |
| ● Soft Sediment Fauna | |
| CMECS Substrate | |
| ● Muddy Sand | |

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



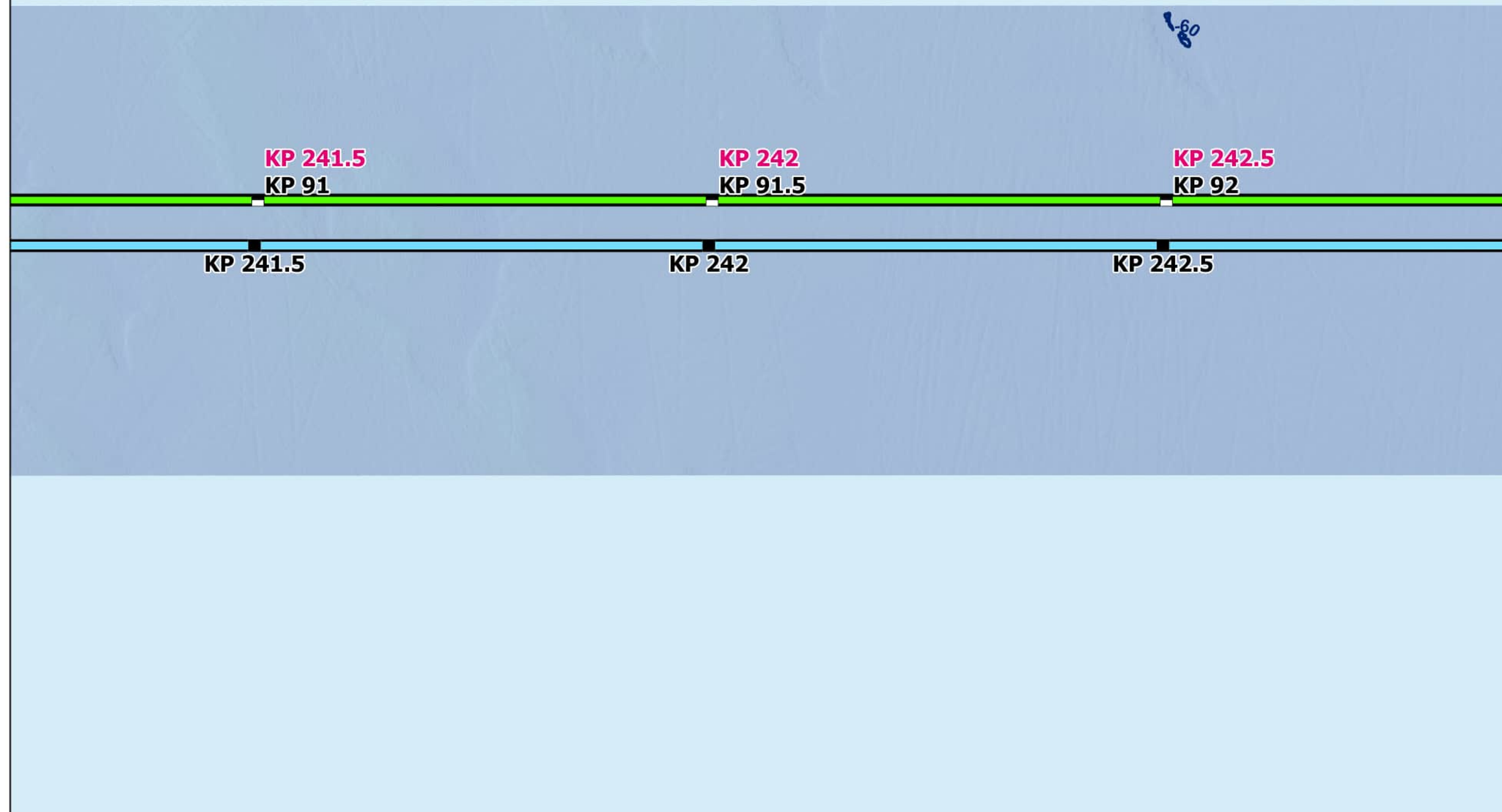
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 180

BW1 (NY) - KP 240 - KP 241
BW2 (NY) - KP 240 - KP 241
BW2 (CT) - KP 89.5 - KP 90.5

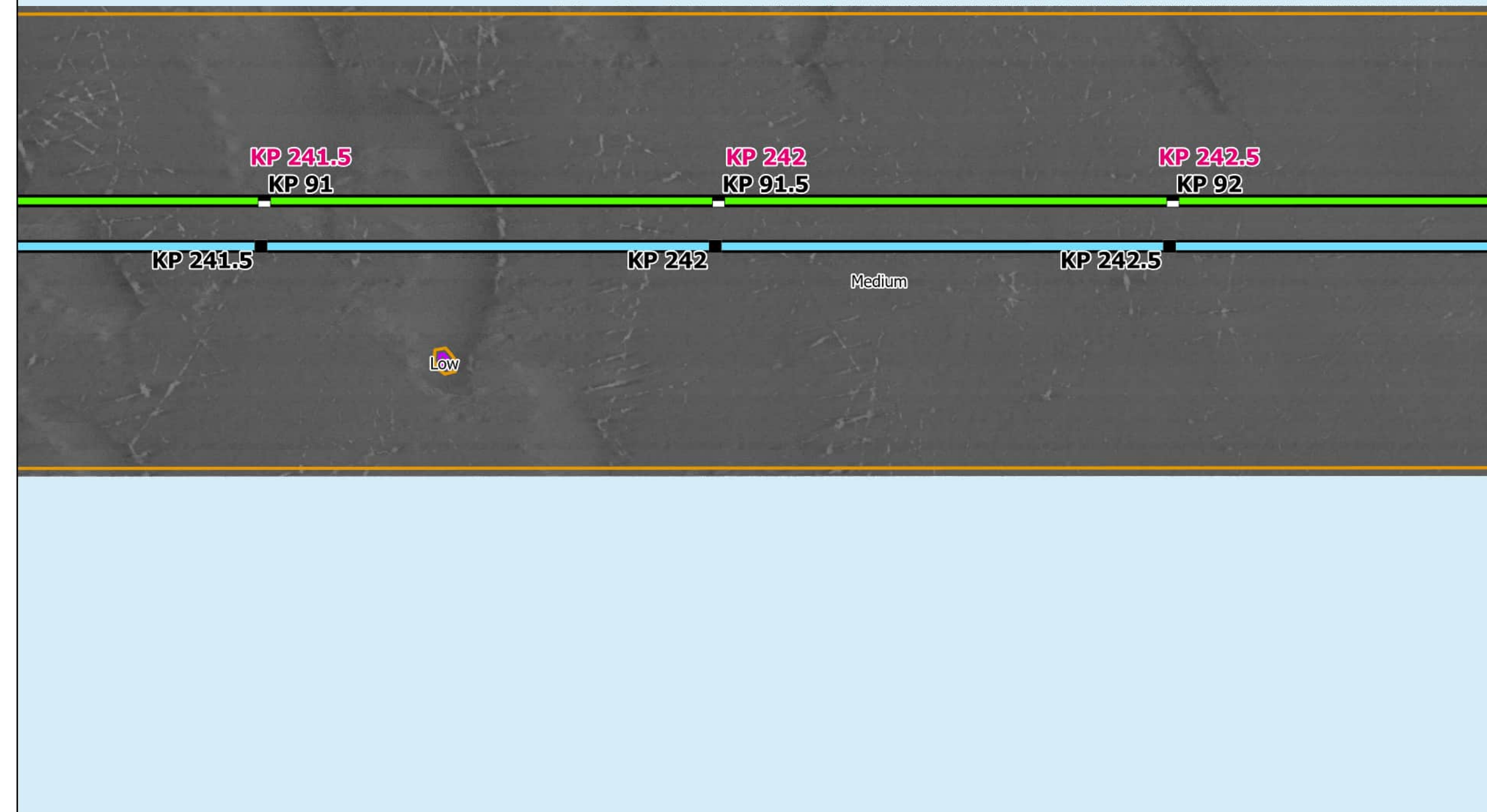
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



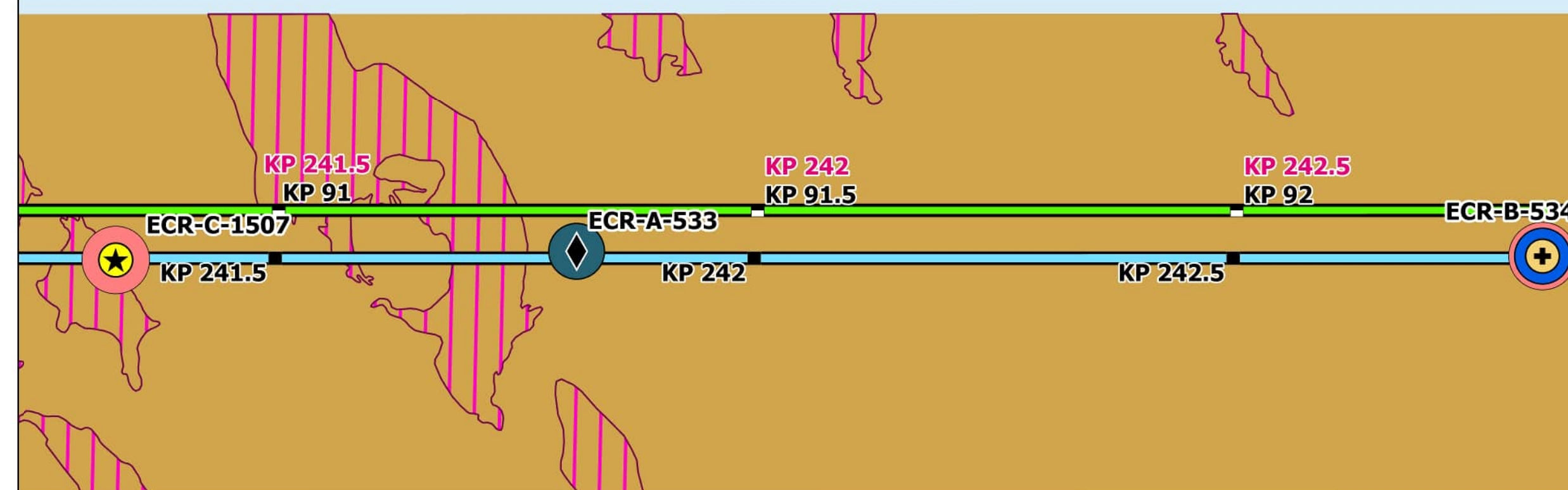
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

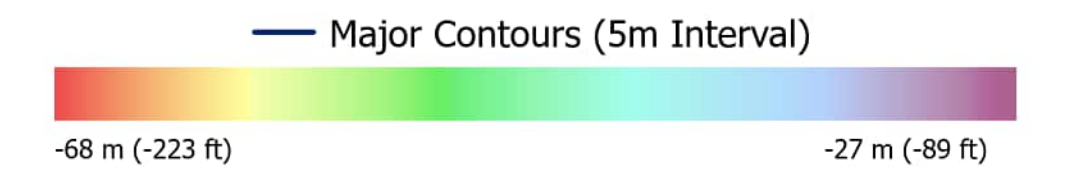


Map Book Package for Submarine Export Cable Route in Federal Waters

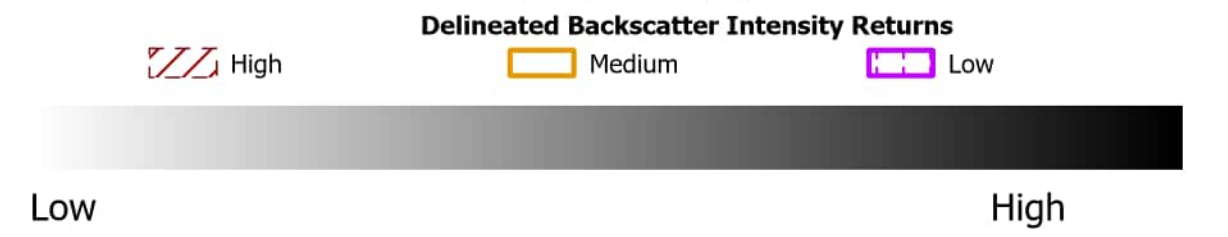


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

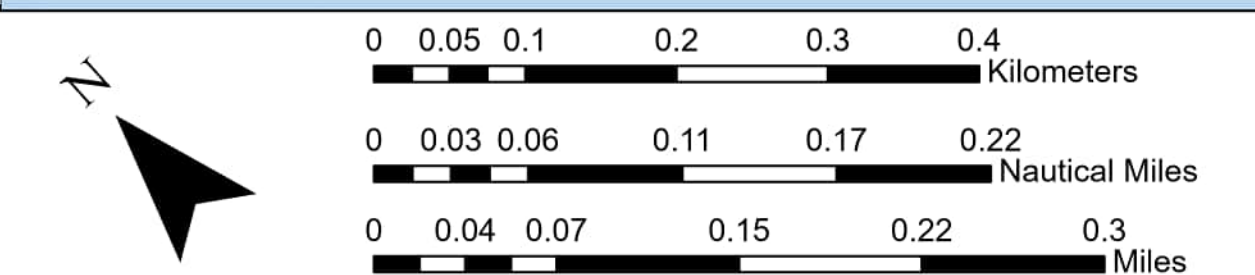
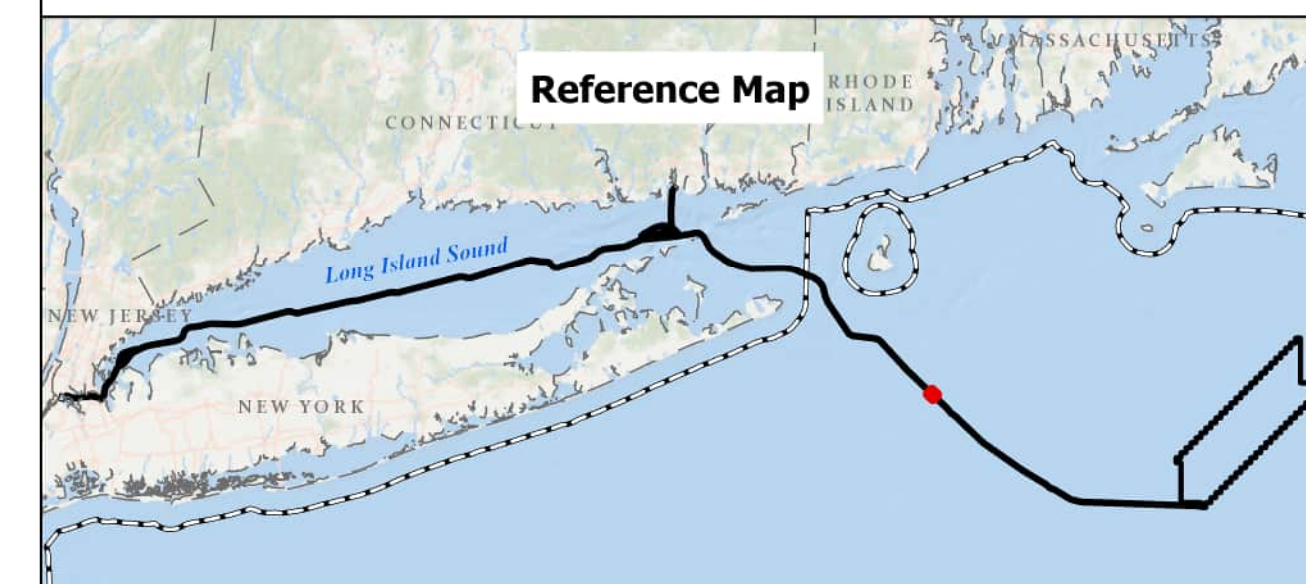
- Station Type**
 - ✚ Grab and Video
 - ◆ SPI/PV
 - ★ Video
- CMECS Classification**
 - Sand Dollar Bed
 - Soft Sediment Fauna
 - Muddy Sand
- CMECS Biotic**
 - Sand
 - Burrows/Bioturbation
- CMECS Geoform**
 - Sand Ripples
- Benthic Features**
 - Sand and Muddy Sand/Soft Bottom Habitat
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Sand
 - Burrows/Bioturbation
 - Sand Ripples
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



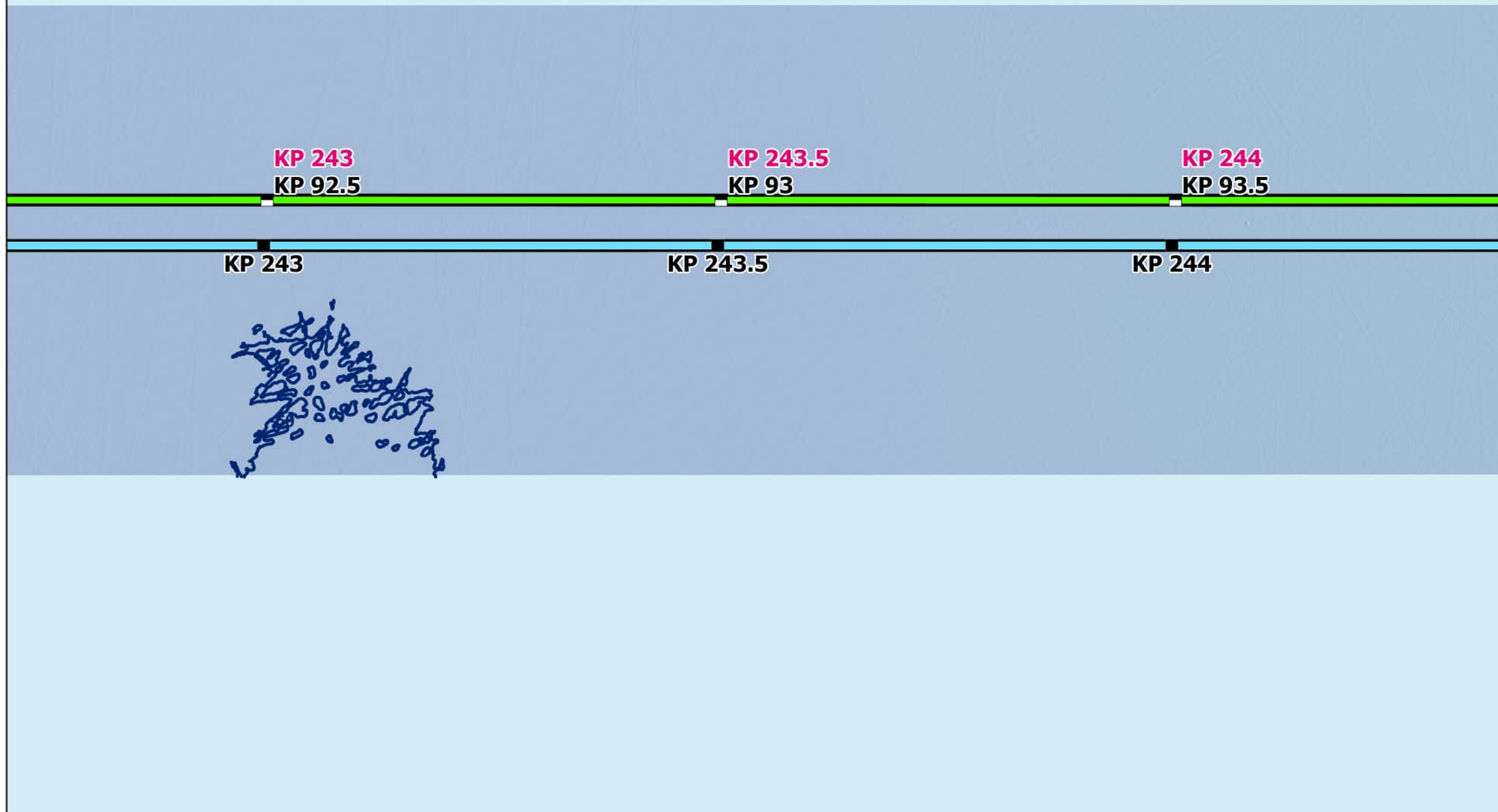
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 181

BW1 (NY) - KP 241.5 - KP 242.5
BW2 (NY) - KP 241.5 - KP 242.5
BW2 (CT) - KP 91 - KP 92

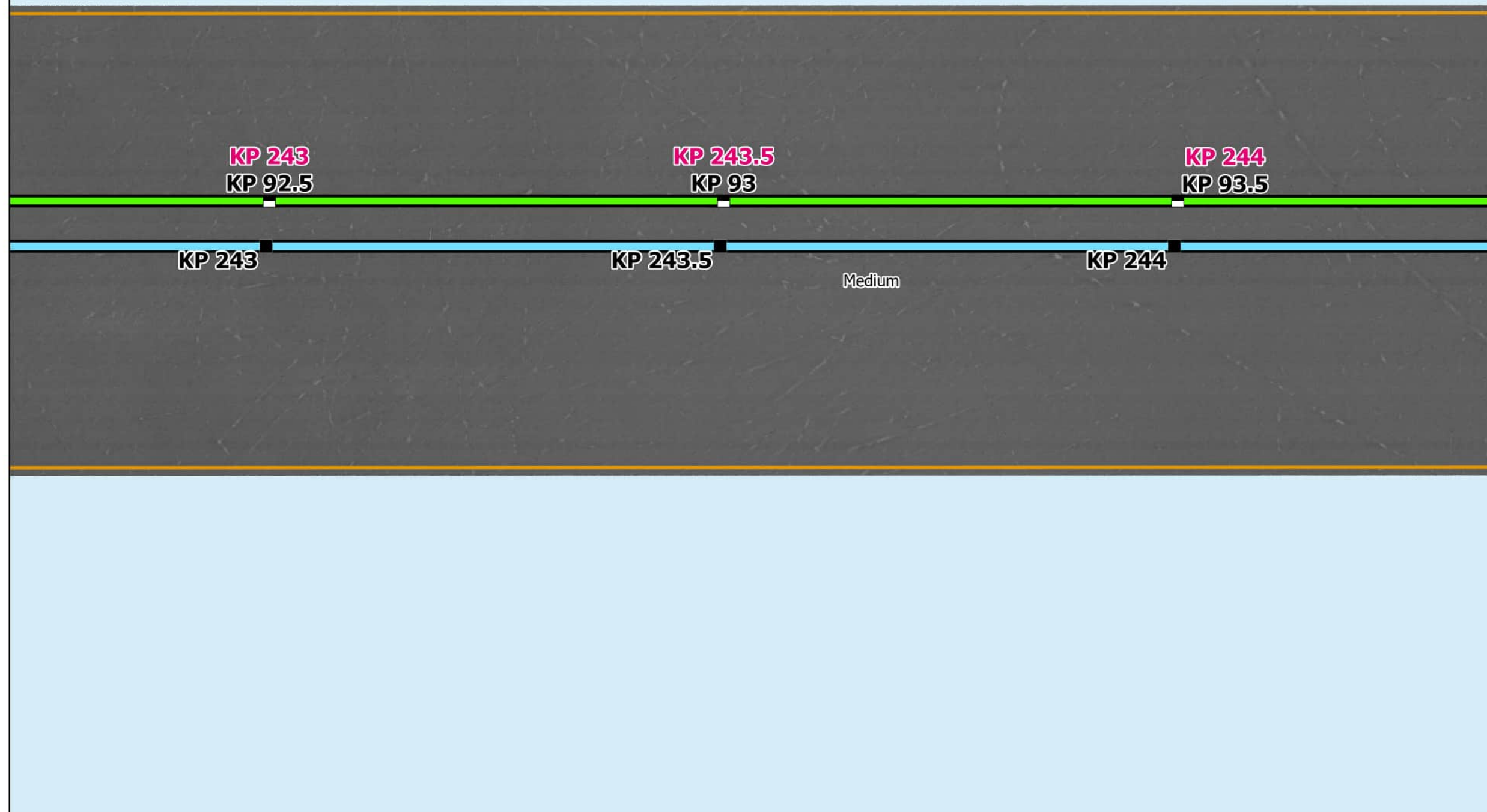
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



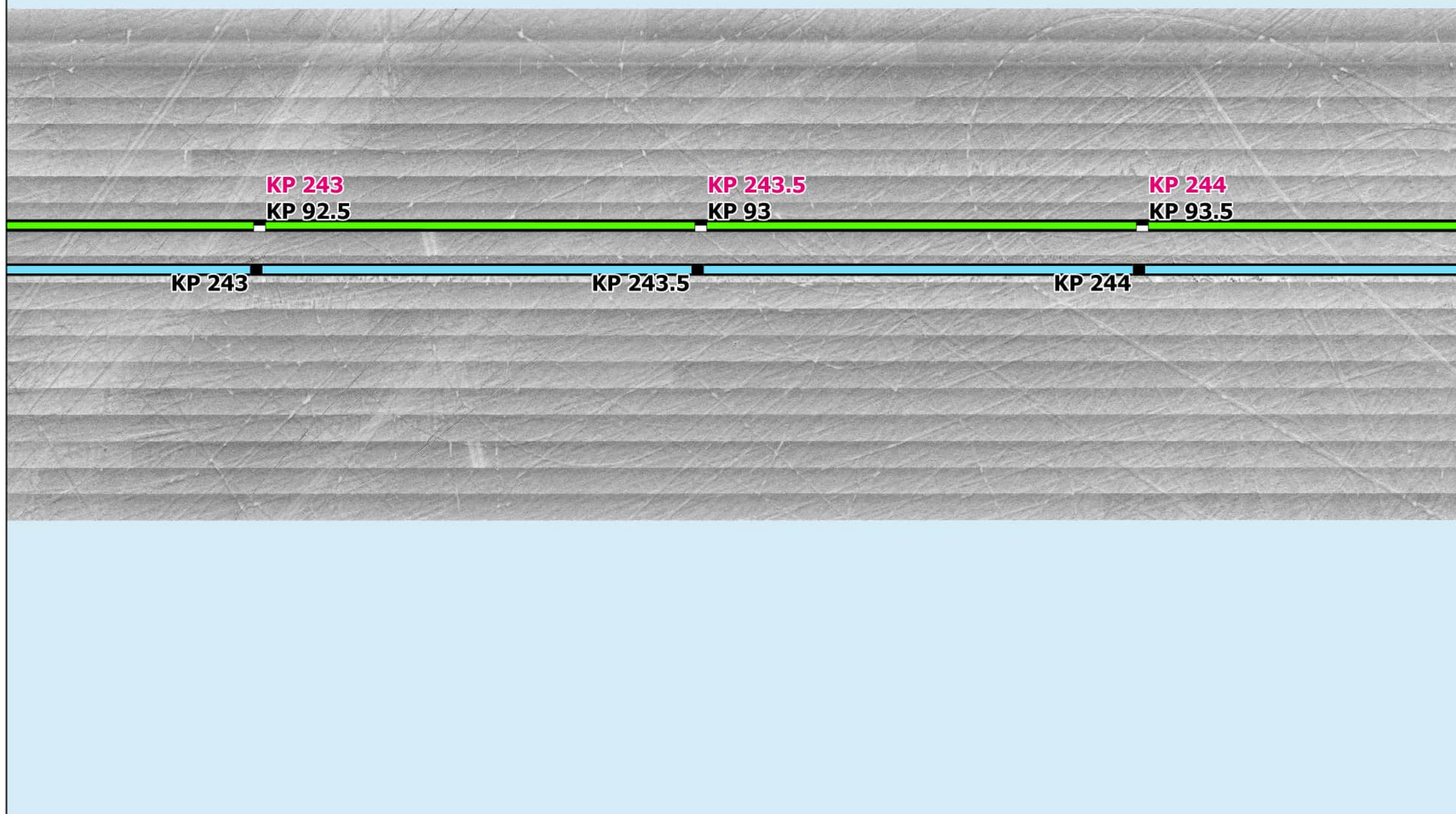
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



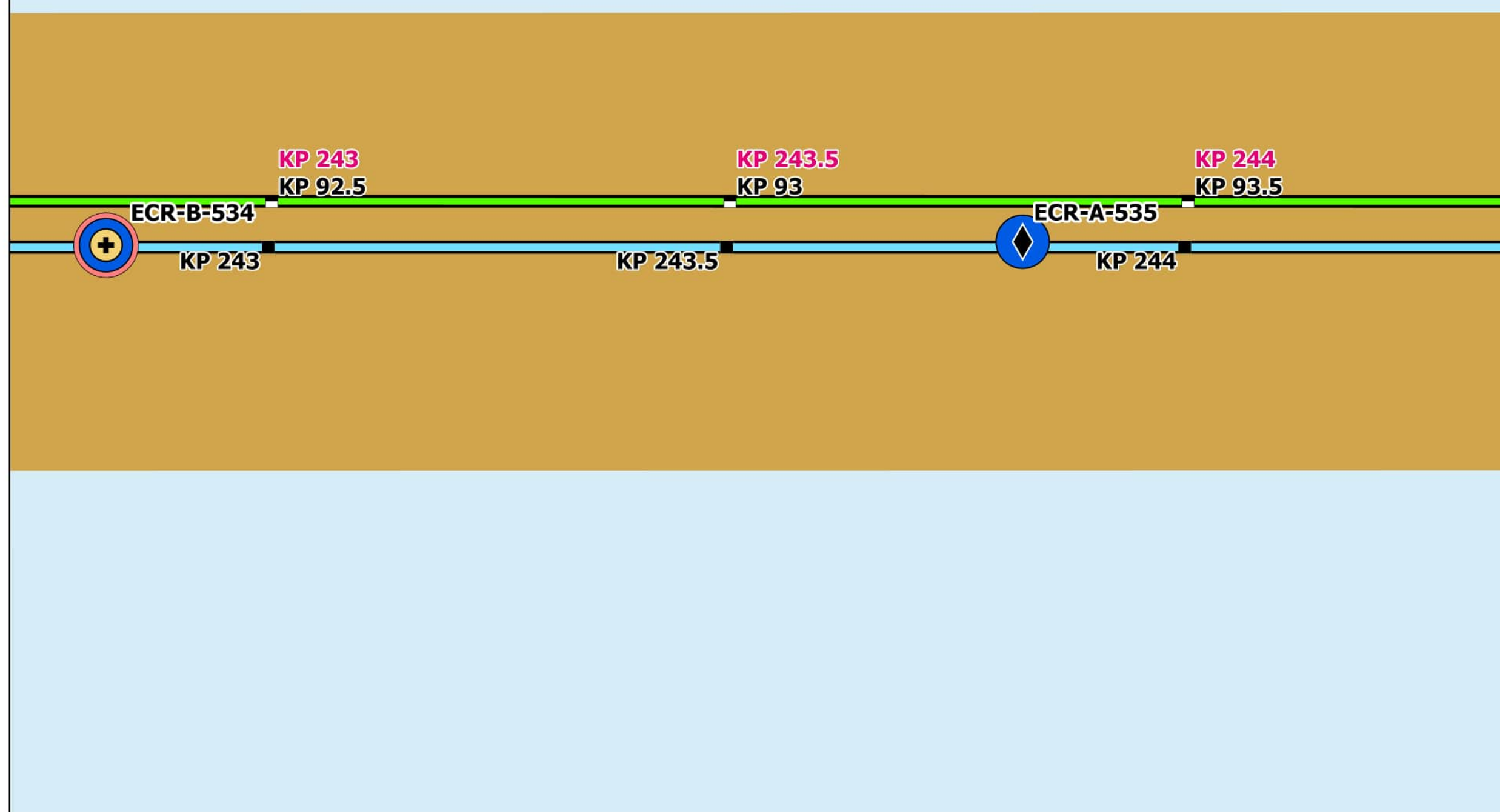
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

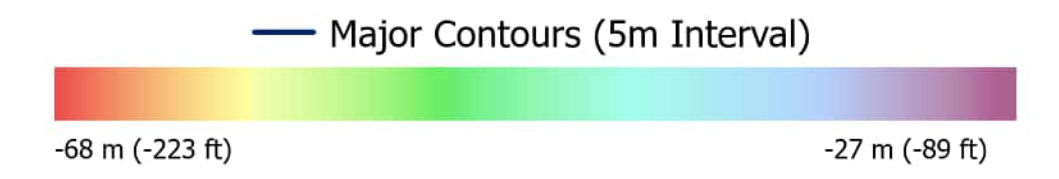
Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



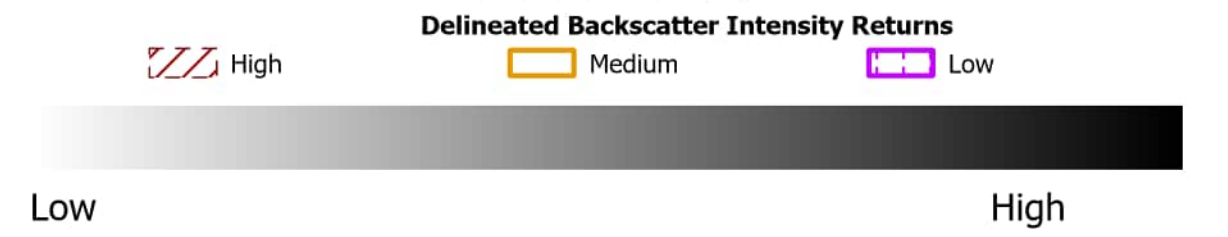
Map Book Package for Submarine Export Cable Route in Federal Waters



Bathymetry (MLLW)



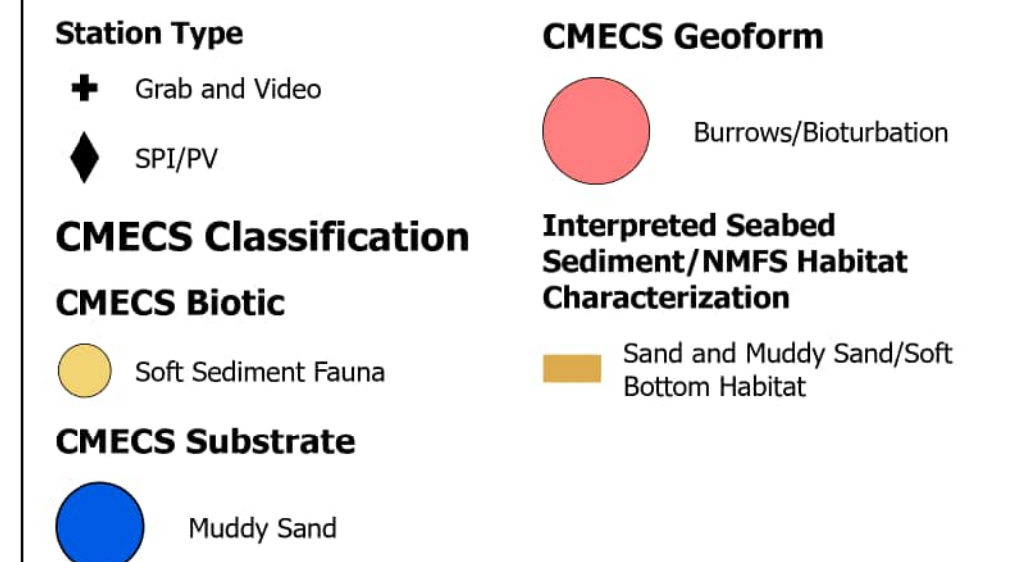
Backscatter



Side Scan Sonar

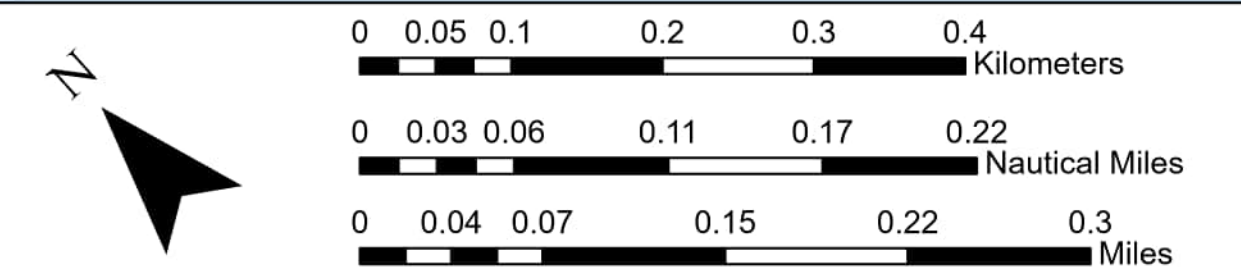
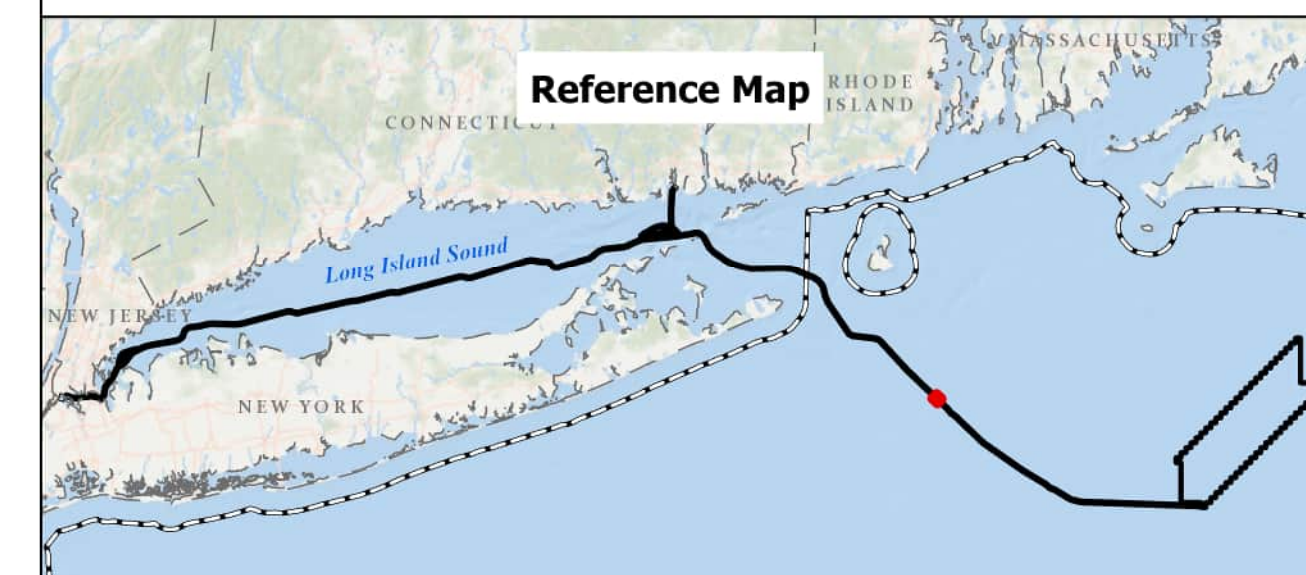


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications



Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



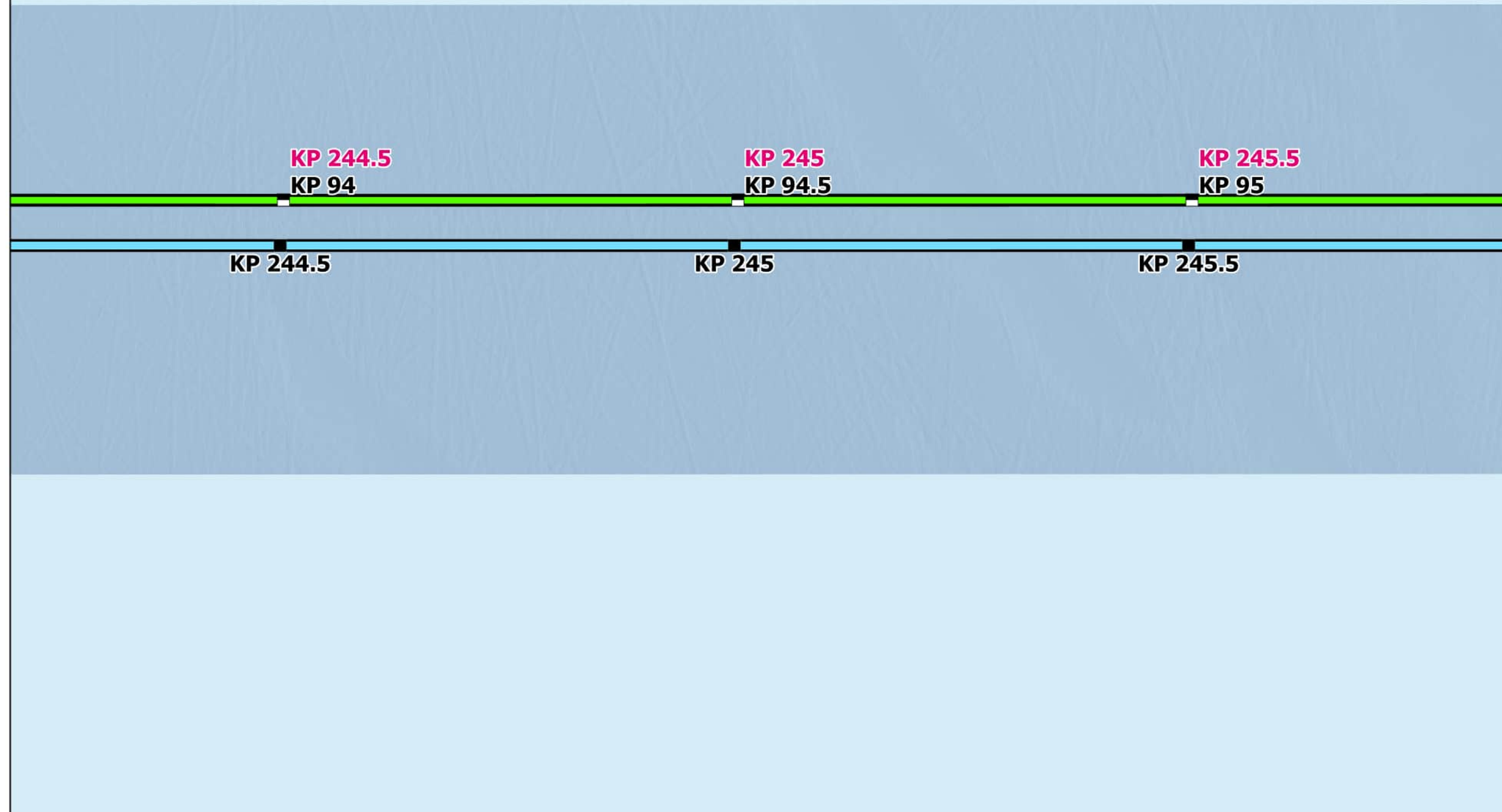
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 182

BW1 (NY) - KP 243 - KP 244
BW2 (NY) - KP 243 - KP 244
BW2 (CT) - KP 92.5 - KP 93.5

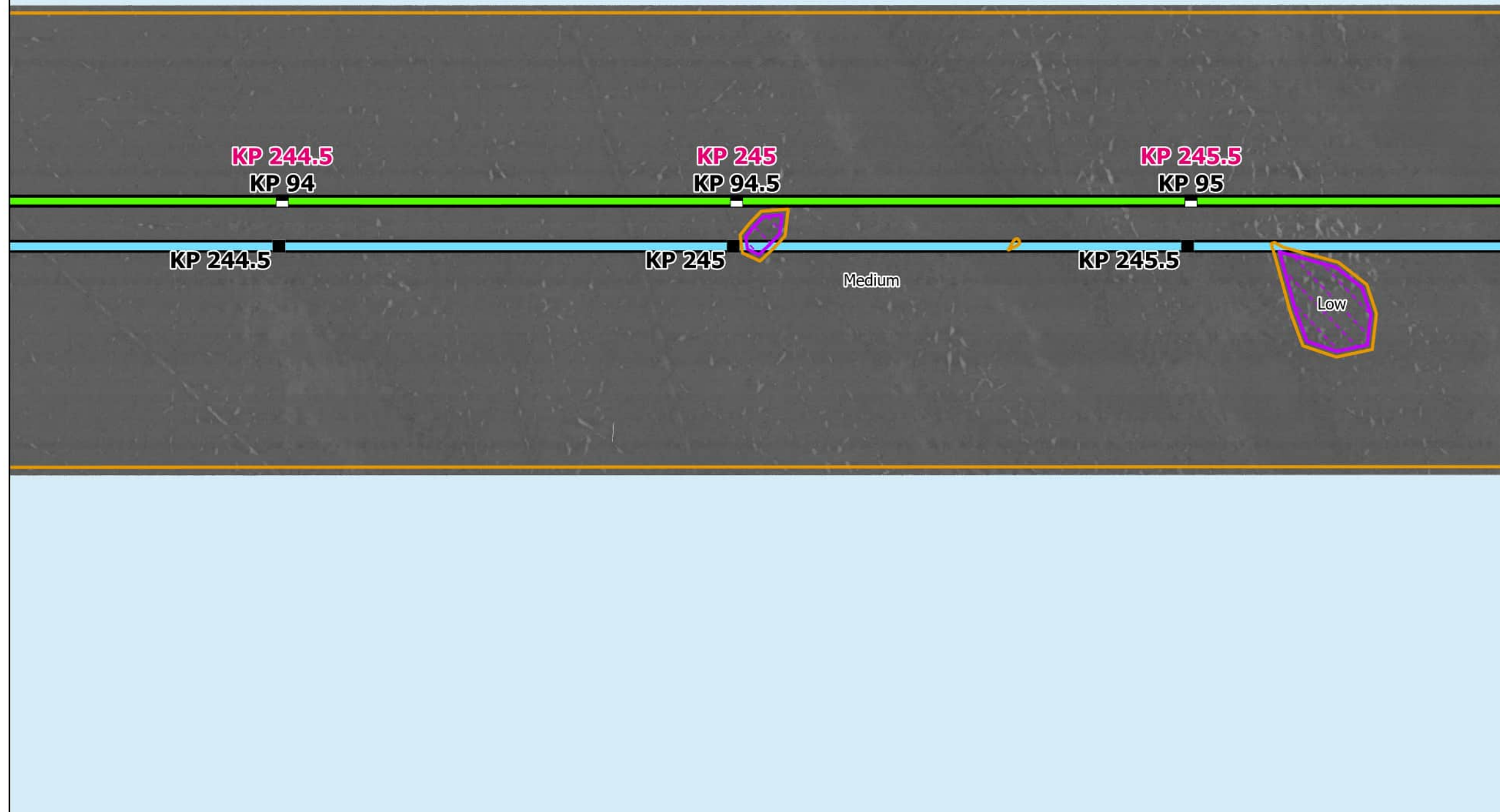
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



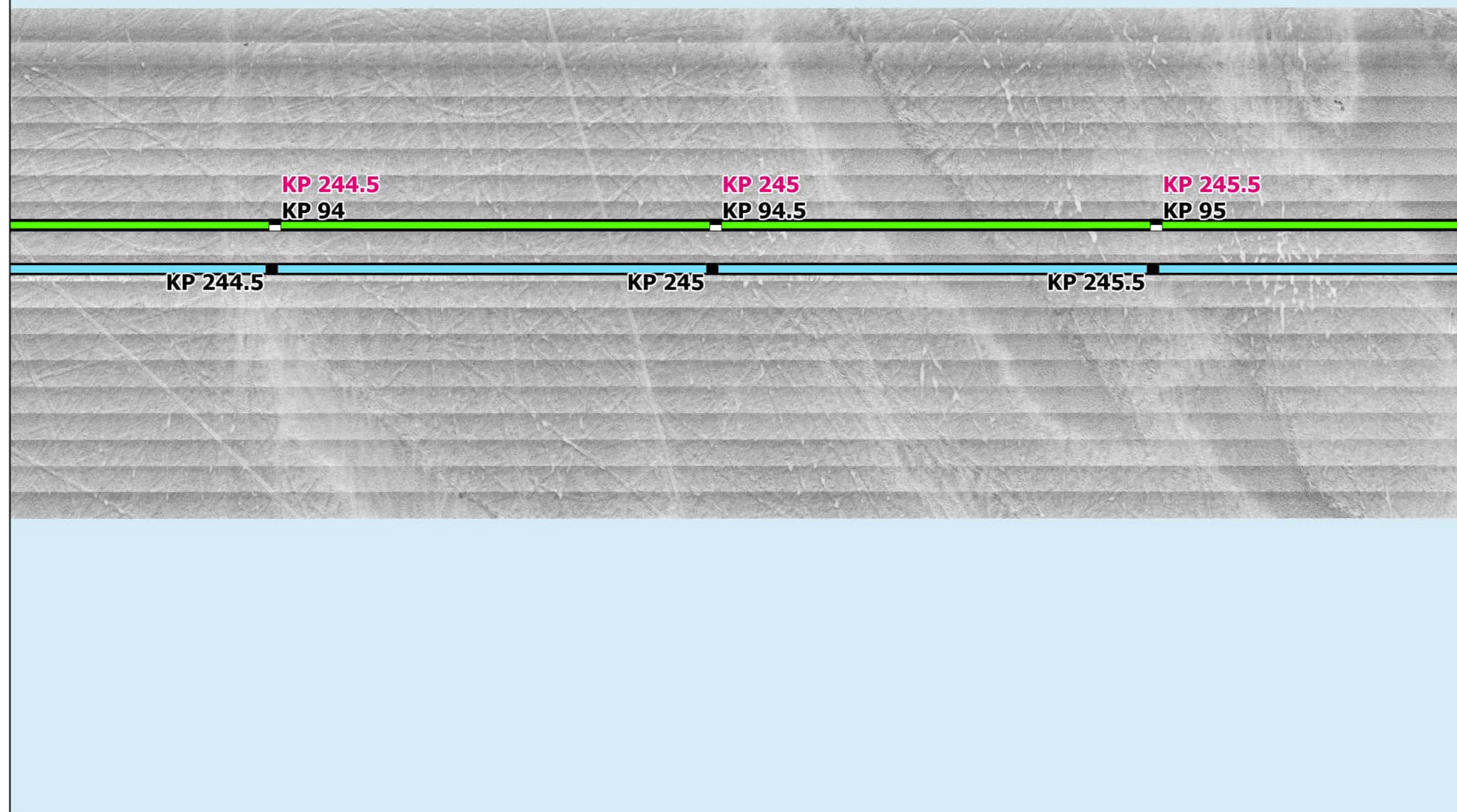
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



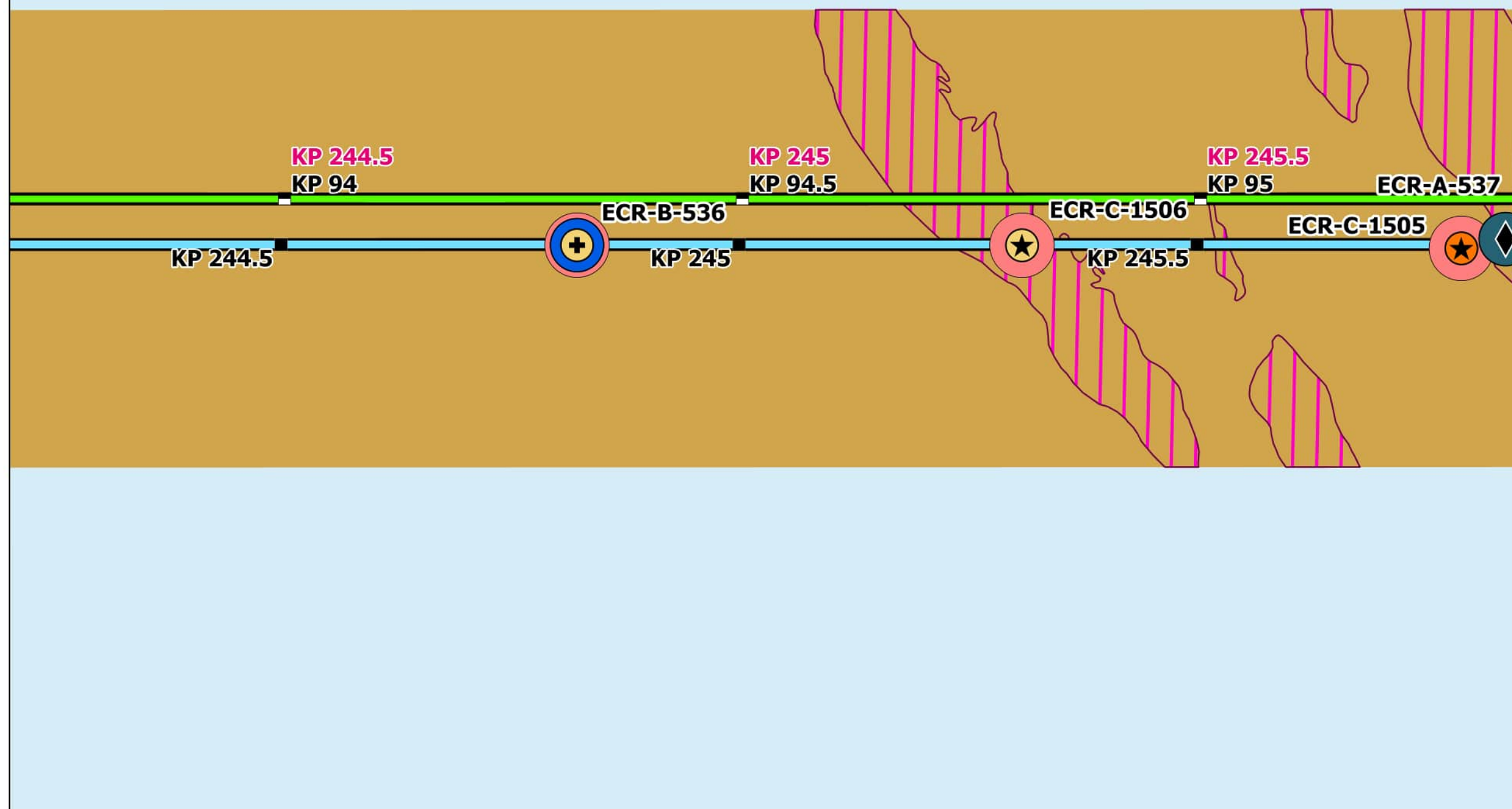
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

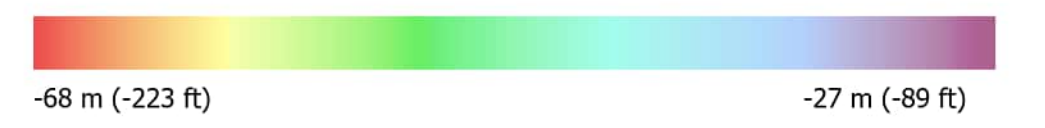


Map Book Package for Submarine Export Cable Route in Federal Waters

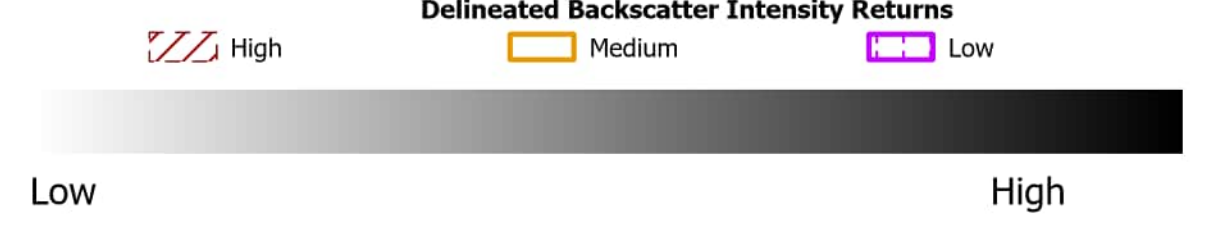


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



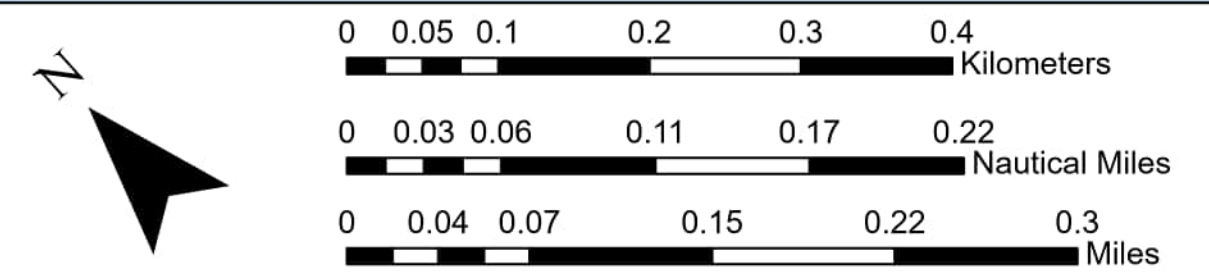
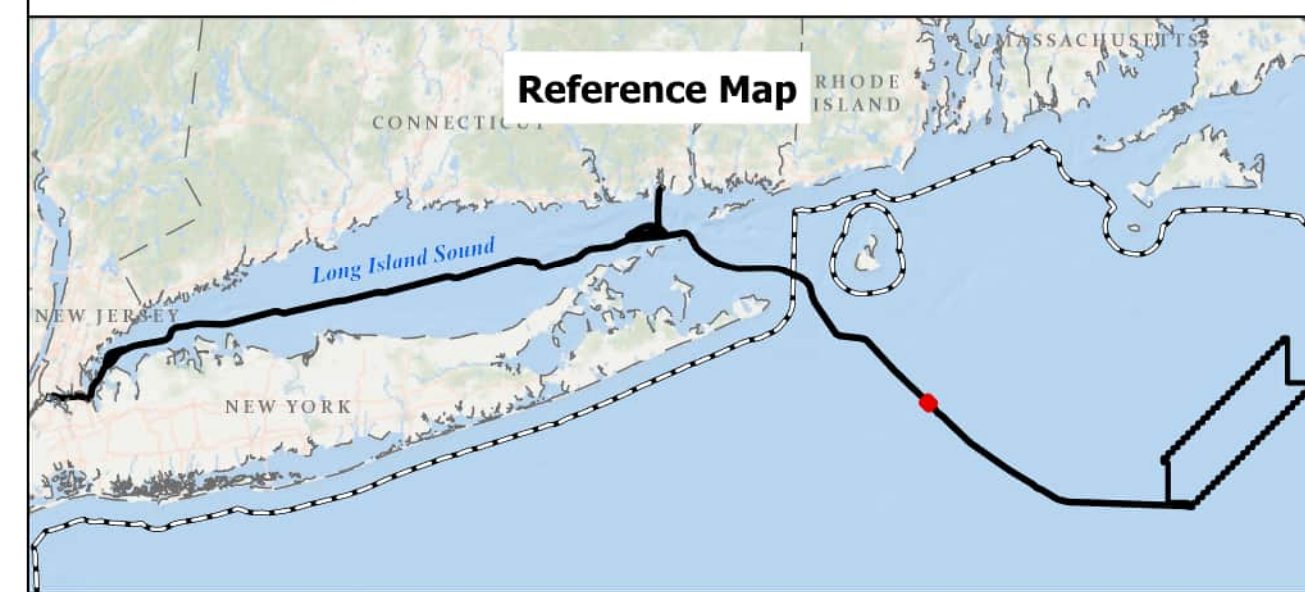
Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
 - ★ Video
 - CMECS Classification**
 - Soft Sediment Fauna
 - Starfish Bed
 - CMECS Substrate
 - Muddy Sand
 - Benthic Features**
 - Sand
 - Burrows/Bioturbation
 - Sand Ripples
 - Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Sand and Muddy Sand/Soft Bottom Habitat
- Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



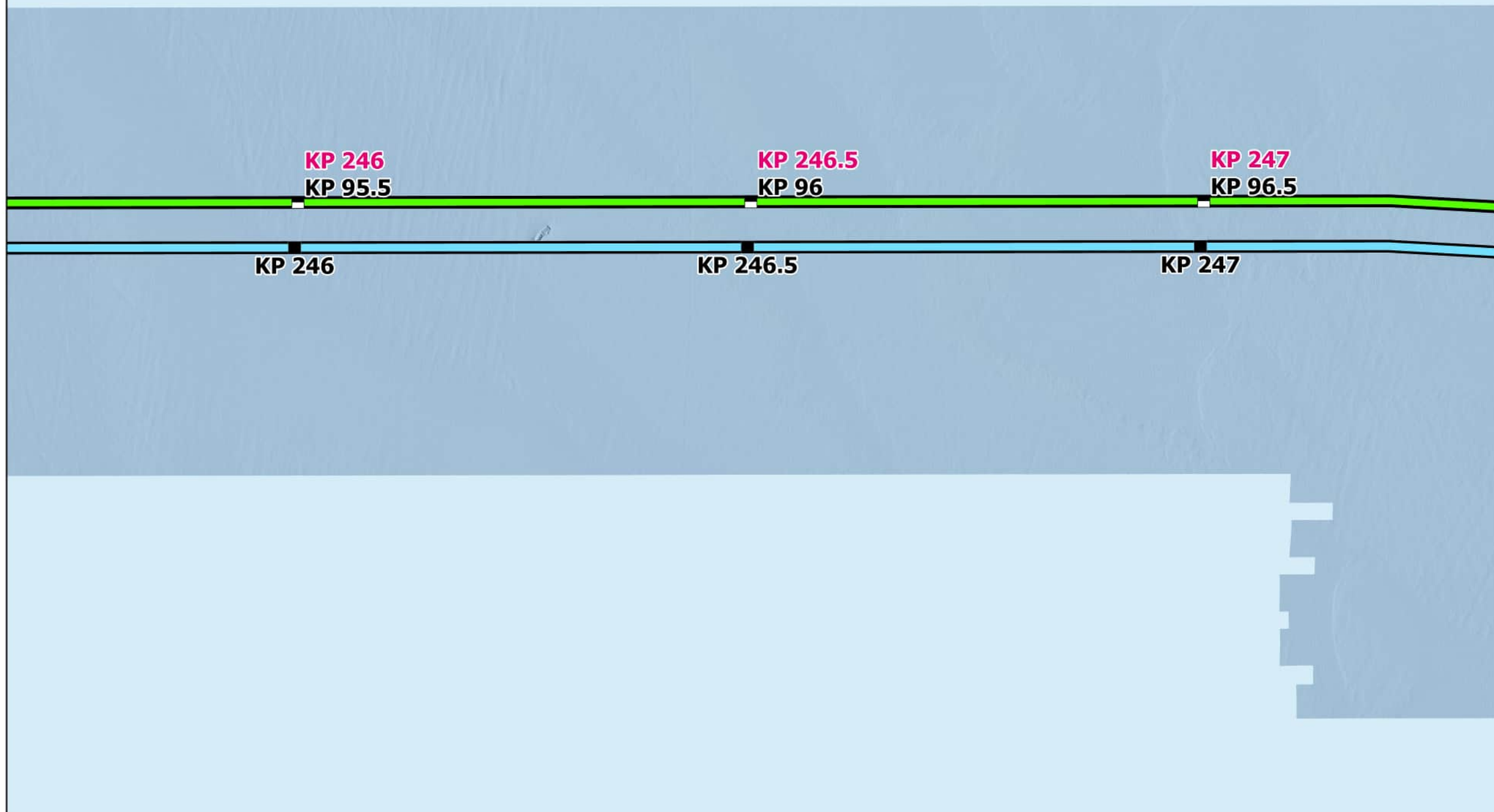
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 183

BW1 (NY) - KP 244.5 - KP 245.5
BW2 (NY) - KP 244.5 - KP 245.5
BW2 (CT) - KP 94 - KP 95

Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



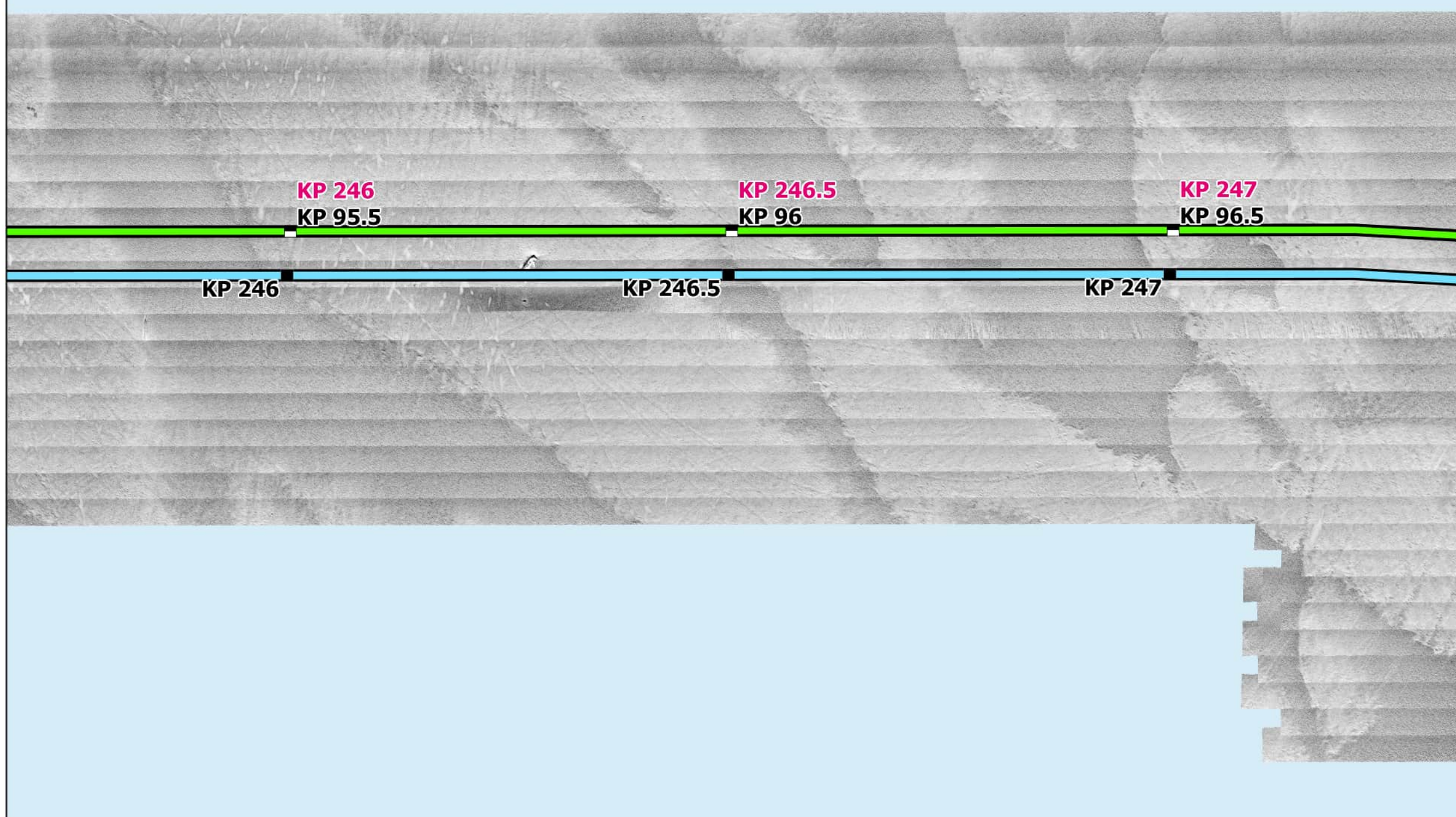
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



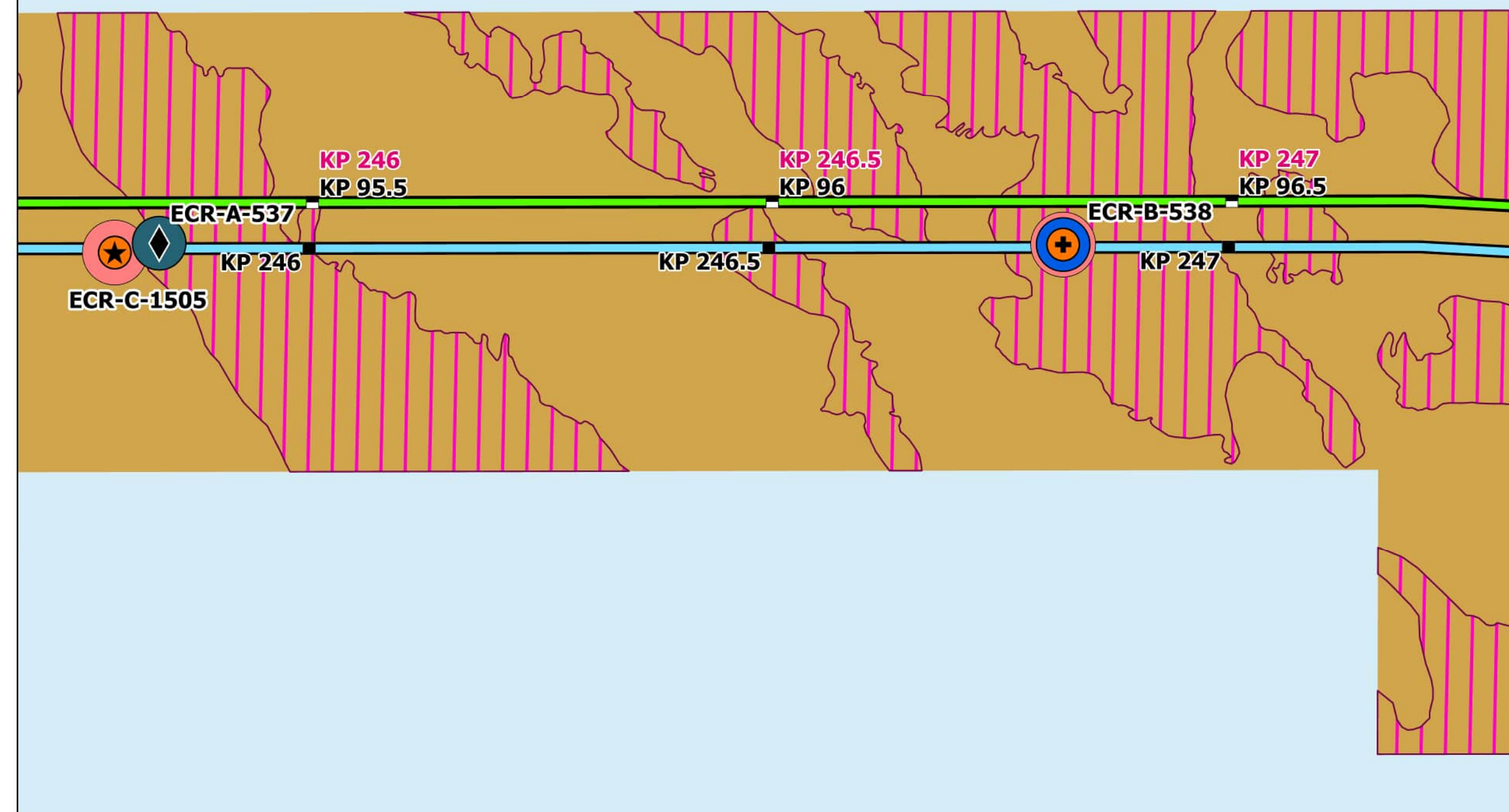
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

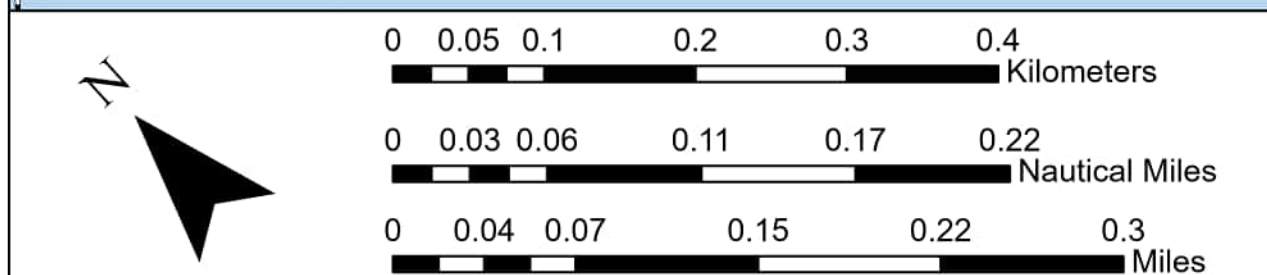
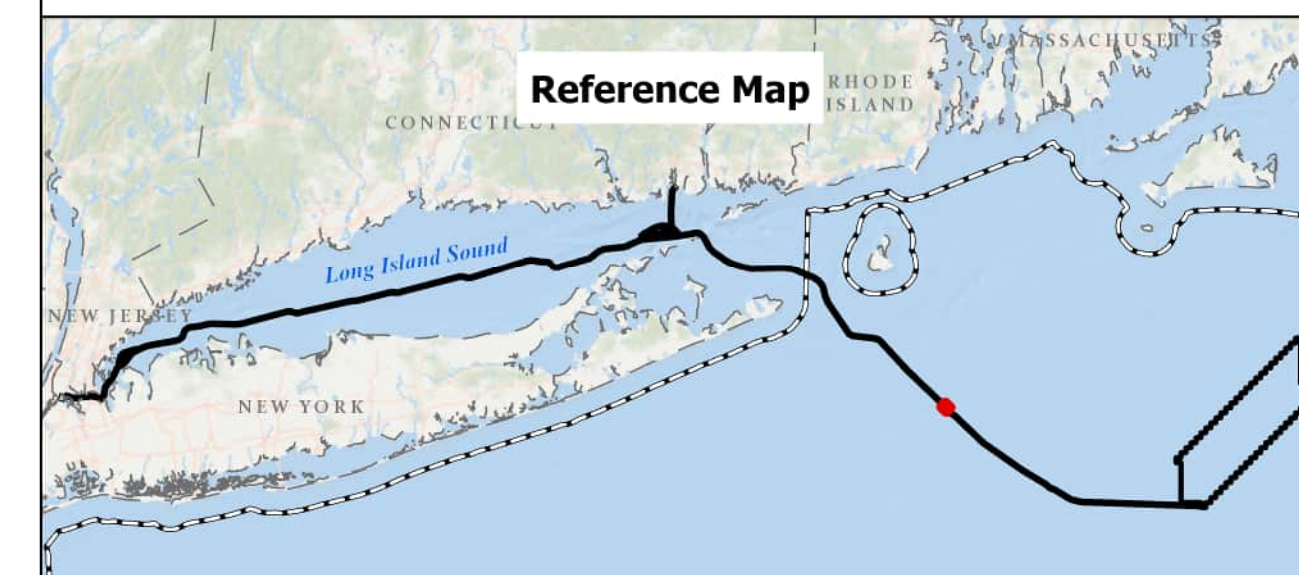
- Station Type**
 - ✚ Grab and Video
 - ◆ SPI/PV
 - ★ Video
- CMECS Classification**
 - Starfish Bed
 - Muddy Sand
- CMECS Biotic**
 - Sand
 - Burrows/Bioturbation
- CMECS Substrate**
 - Sand Ripples
 - Sand and Muddy Sand/Soft Bottom Habitat

Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



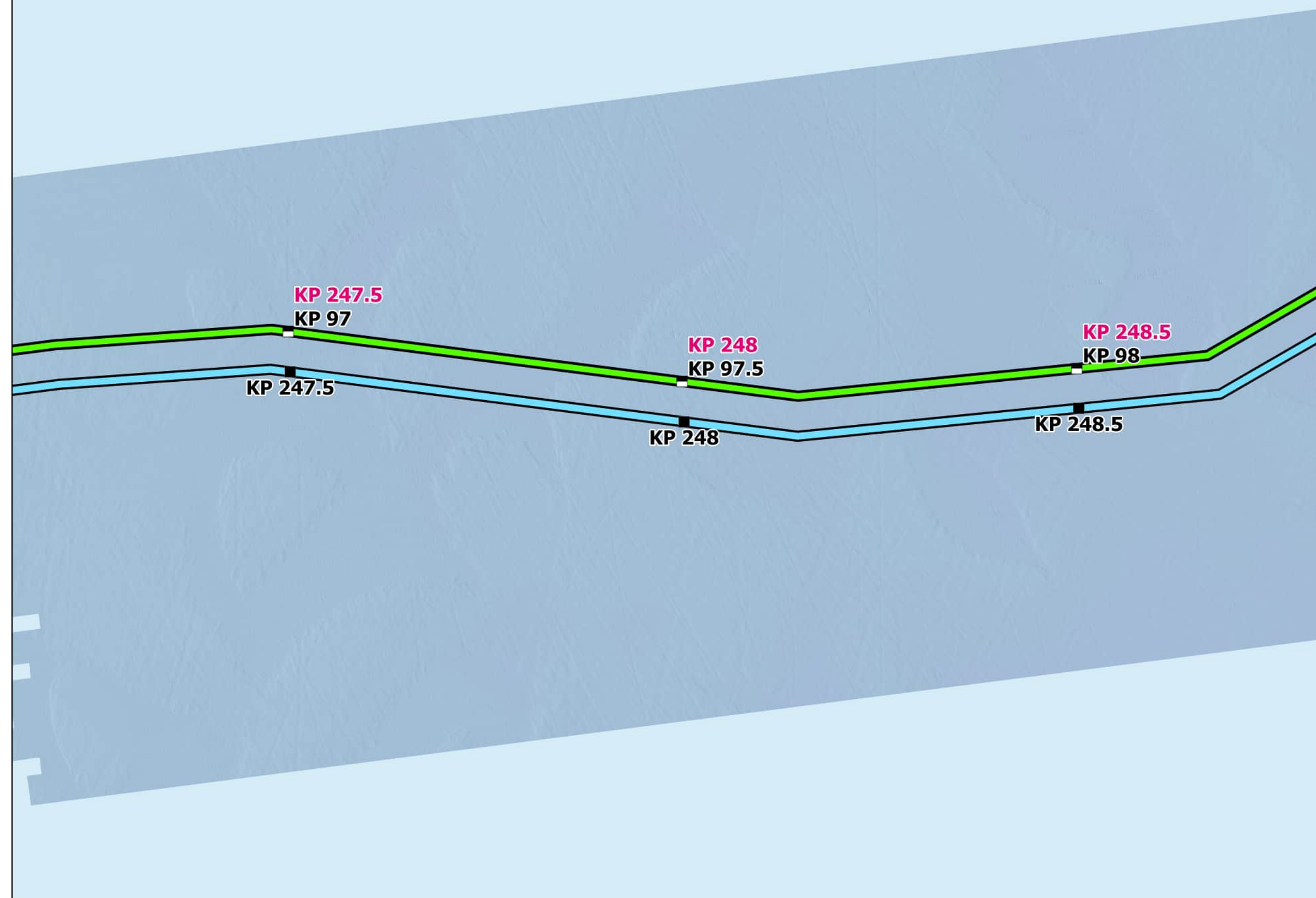
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 184

BW1 (NY) - KP 246 - KP 247
BW2 (NY) - KP 246 - KP 247
BW2 (CT) - KP 95.5 - KP 96.5

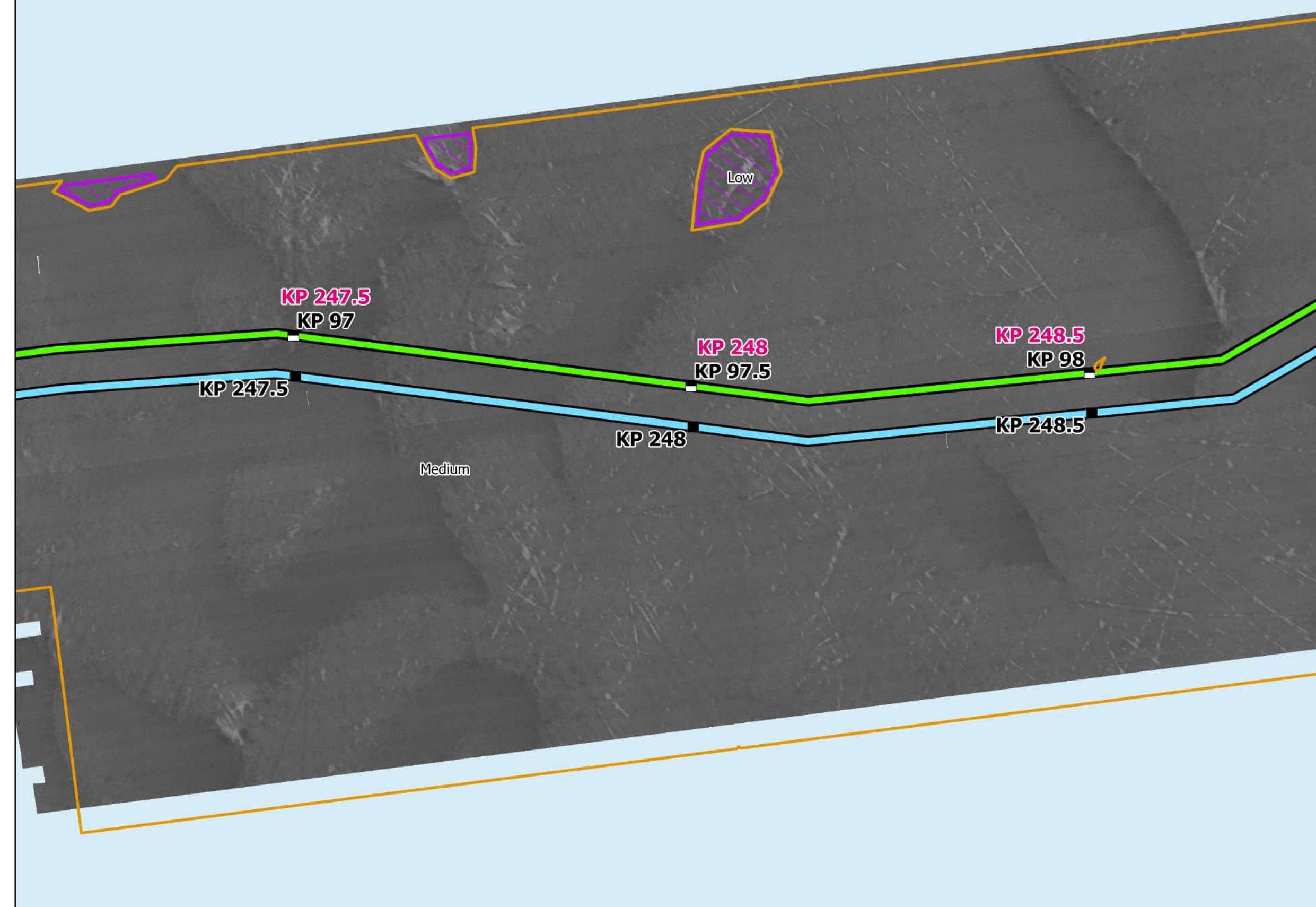
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



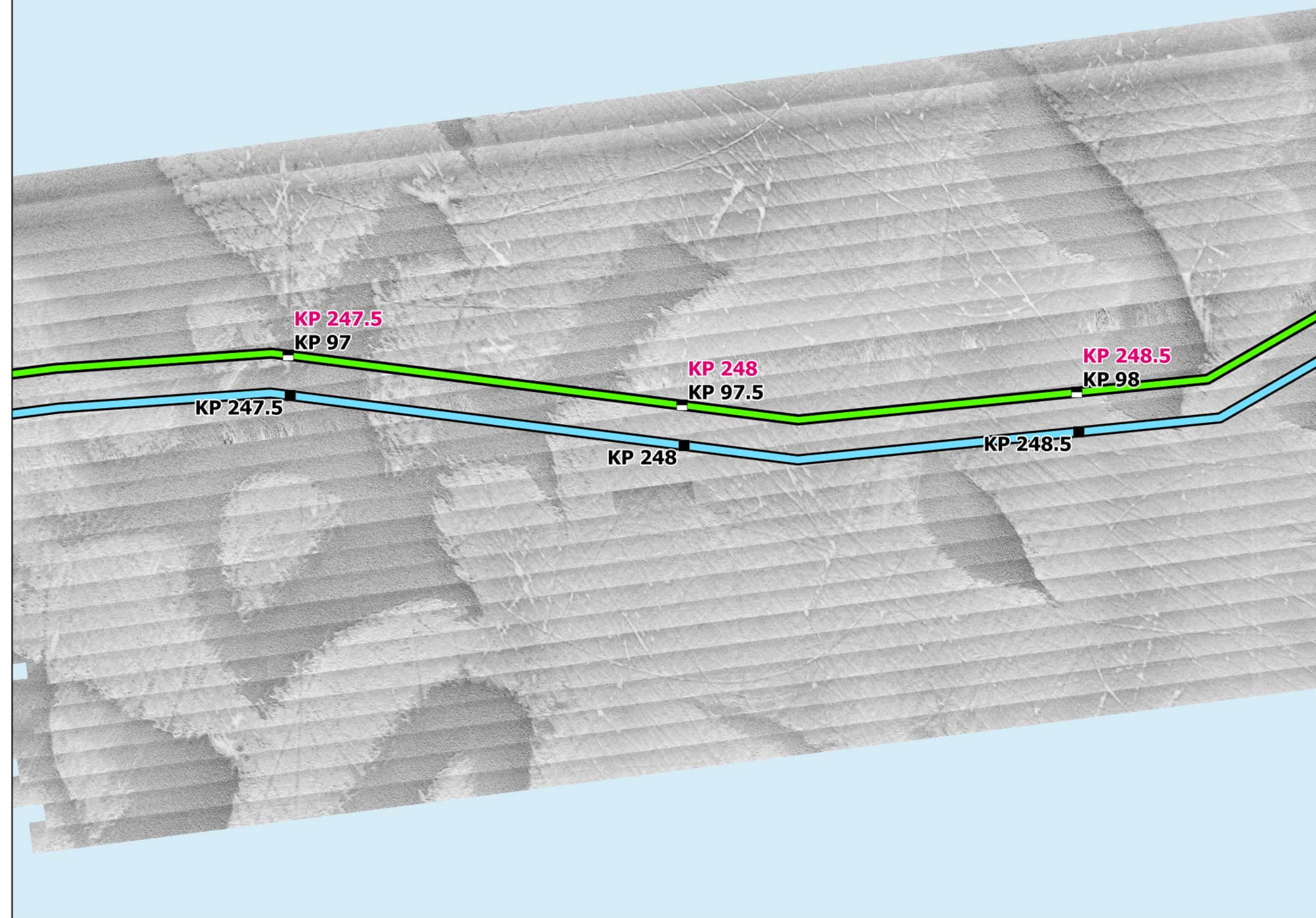
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



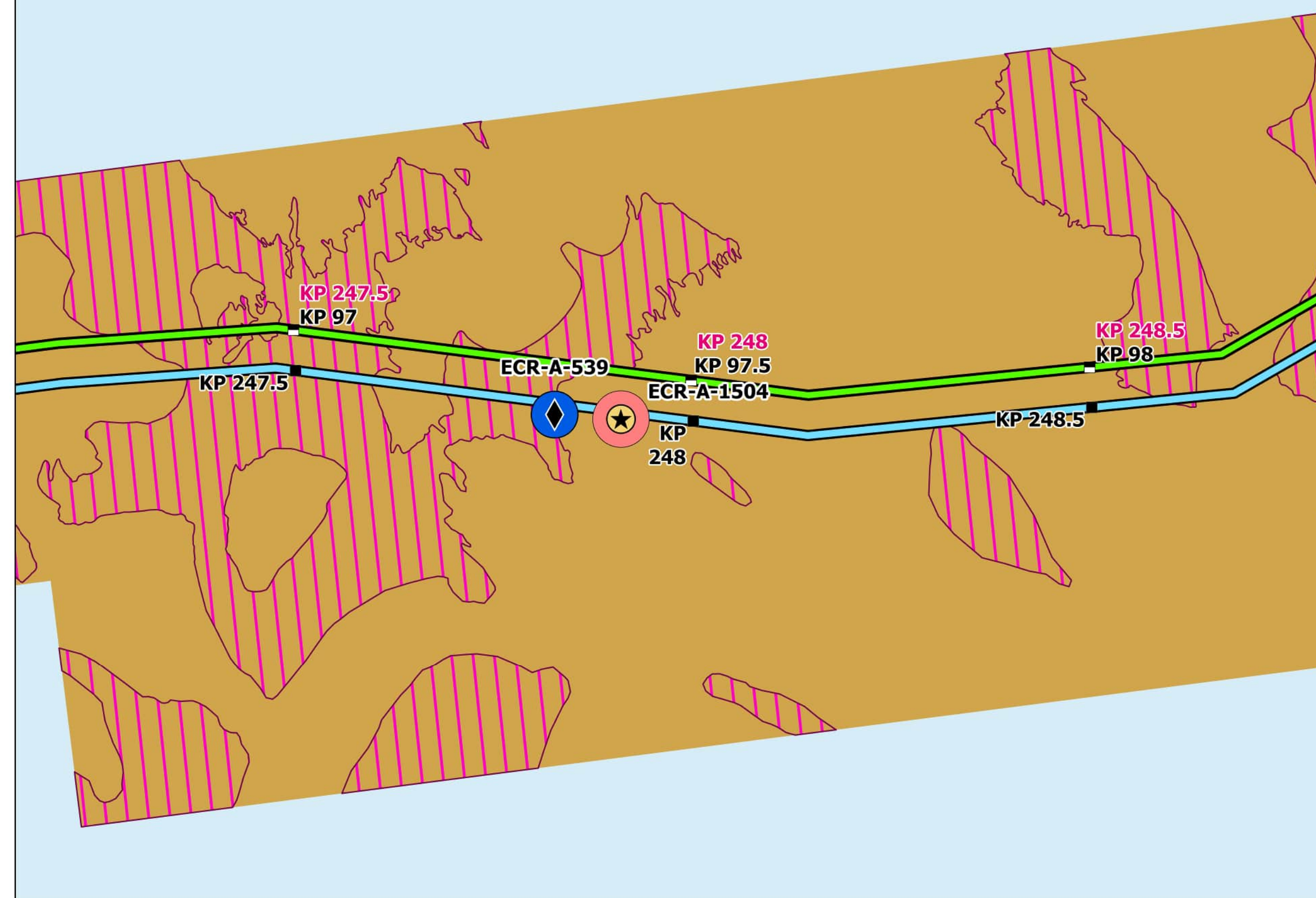
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)

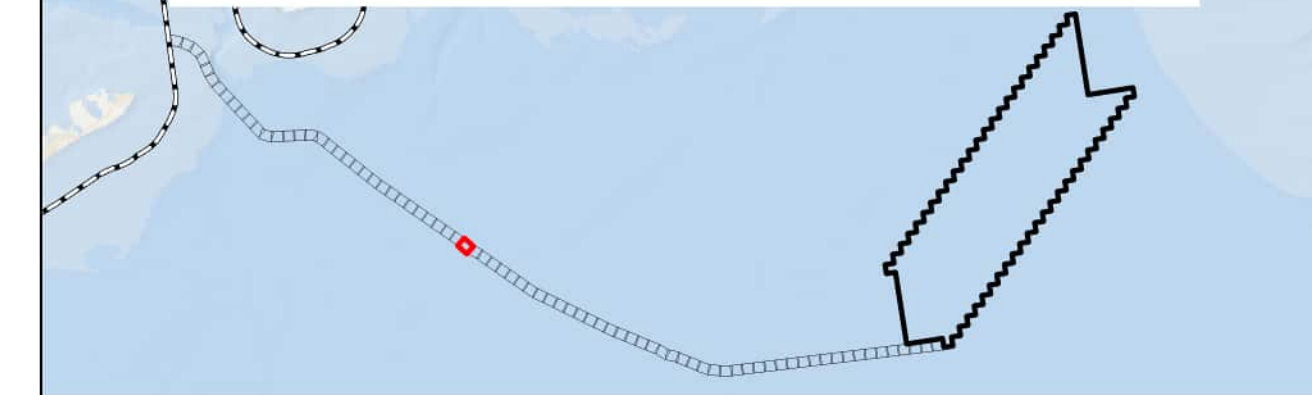


Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

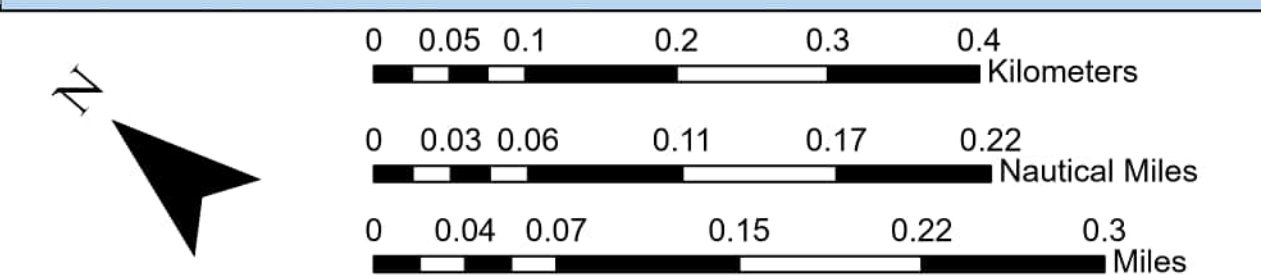
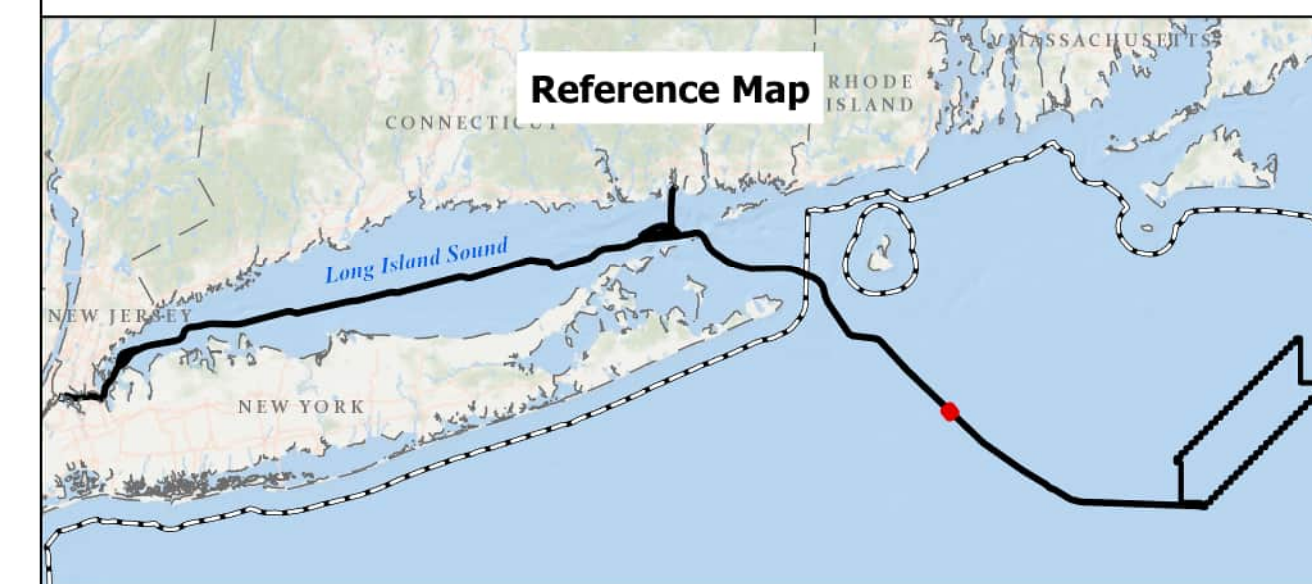
- | | |
|-----------------------------|---|
| Station Type | CMECS Geoform |
| ◆ SPI/PV | ● Burrows/Bioturbation |
| ★ Video | |
| CMECS Classification | Benthic Features |
| CMECS Biotic | ▨ Sand Ripples |
| ● Soft Sediment Fauna | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| CMECS Substrate | ■ Sand and Muddy Sand/Soft Bottom Habitat |
| ● Muddy Sand | |

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



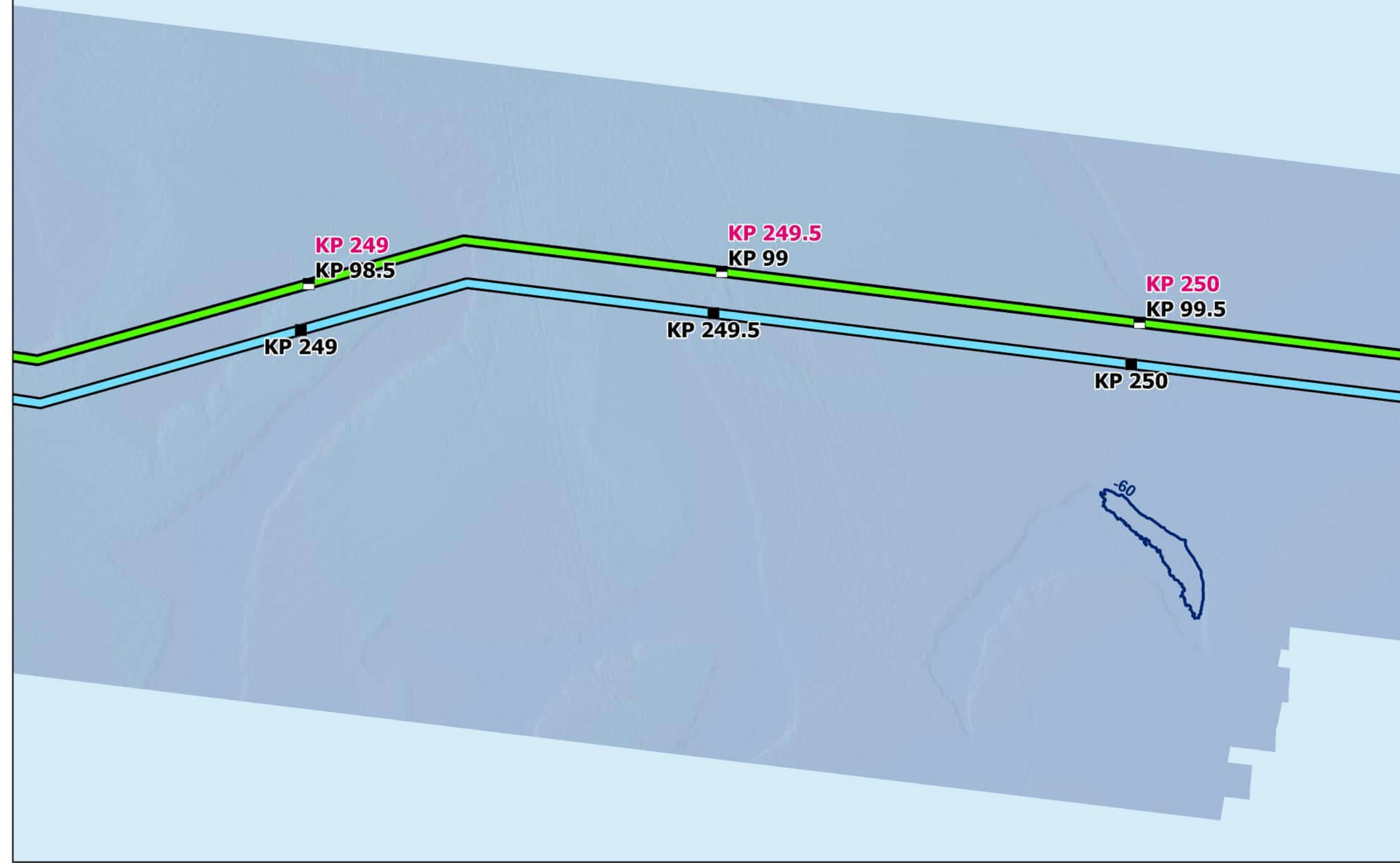
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 185

BW1 (NY) - KP 247.5 - KP 248.5
BW2 (NY) - KP 247.5 - KP 248.5
BW2 (CT) - KP 97 - KP 98

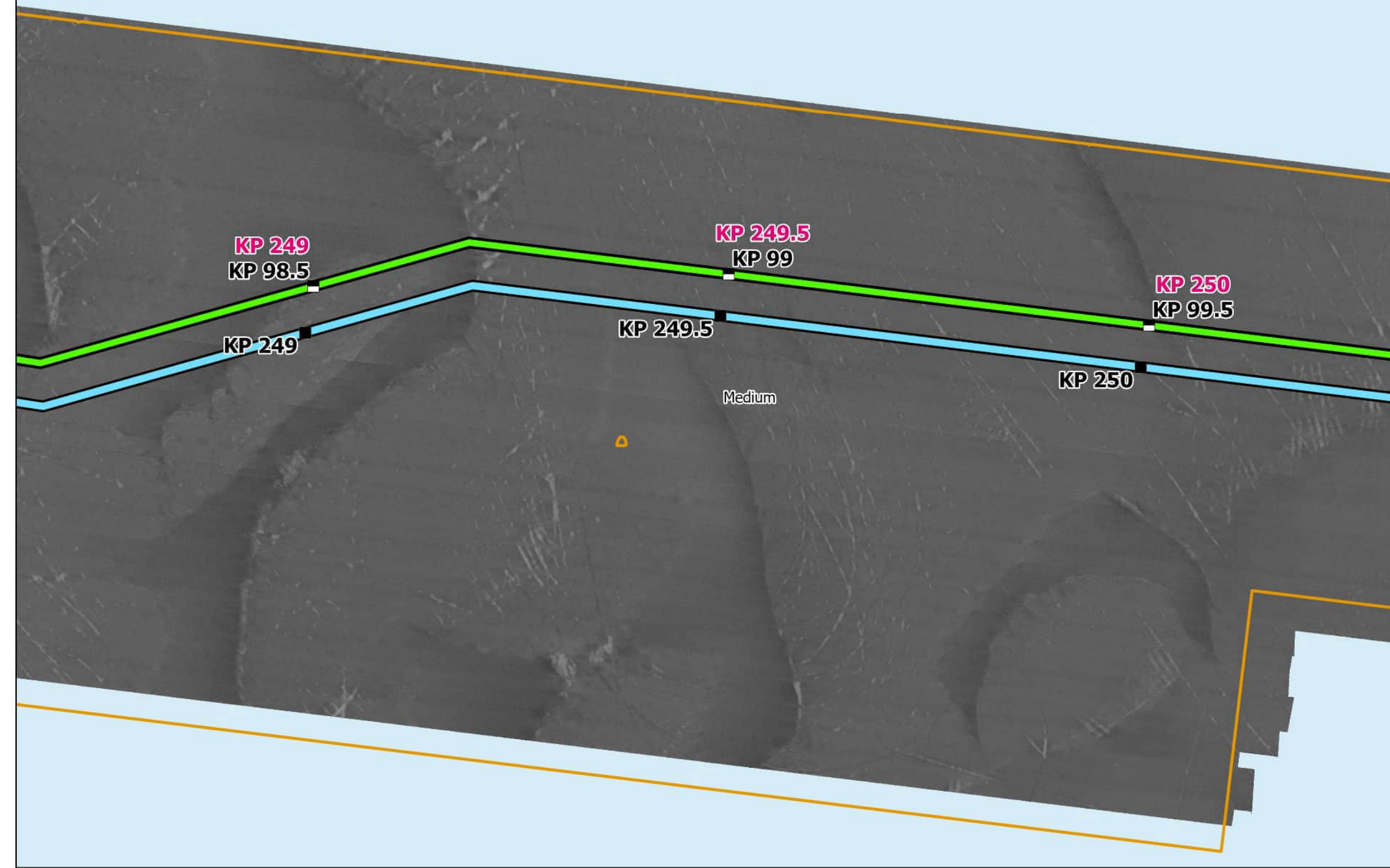
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



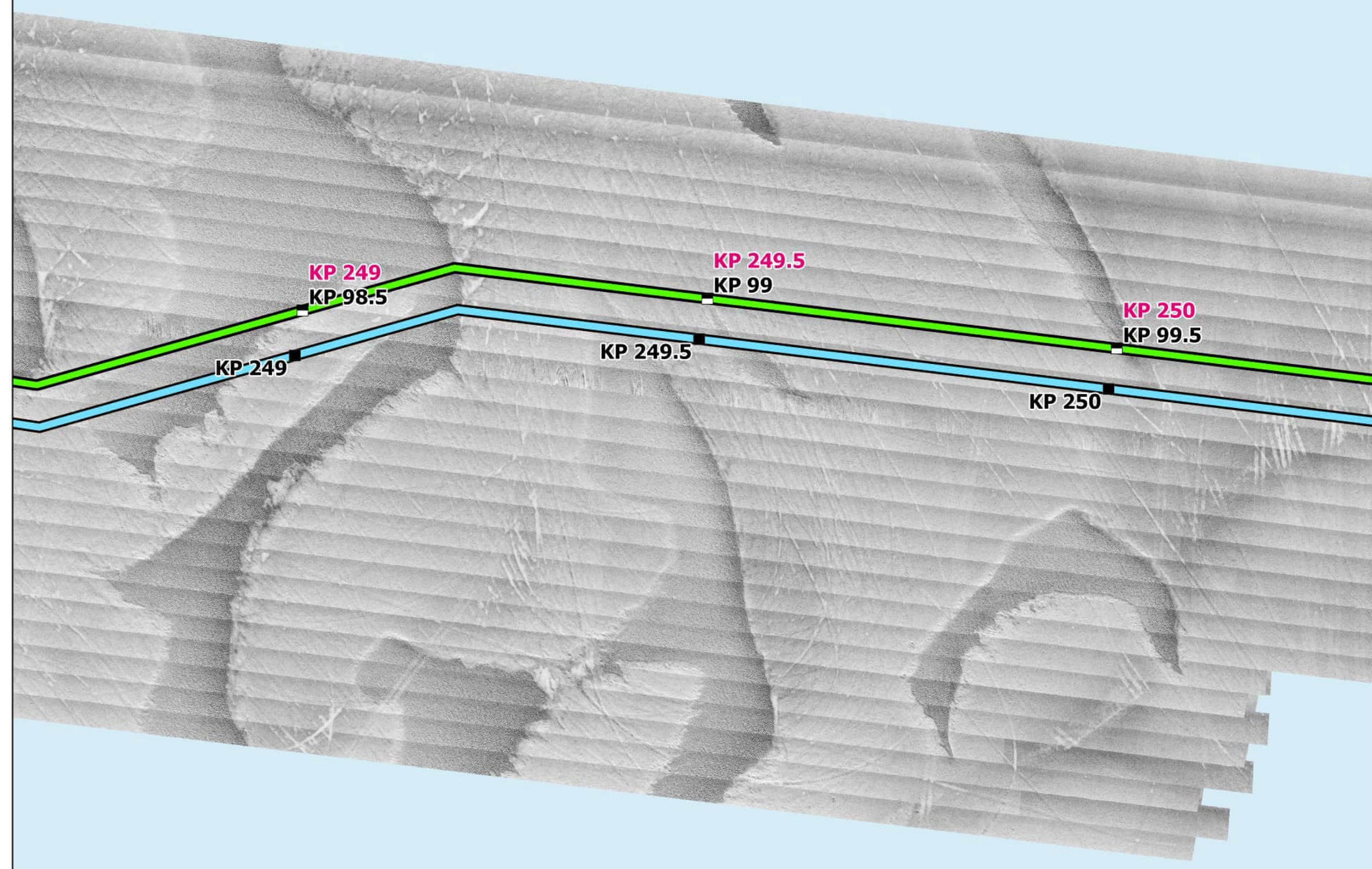
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

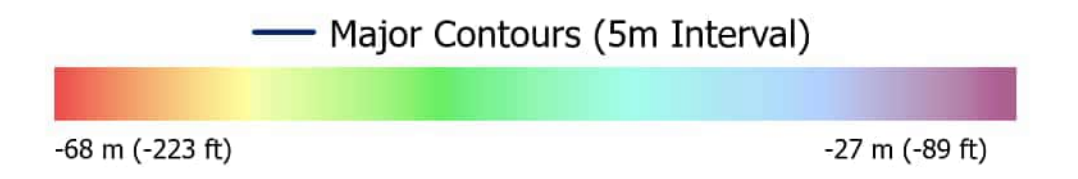


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

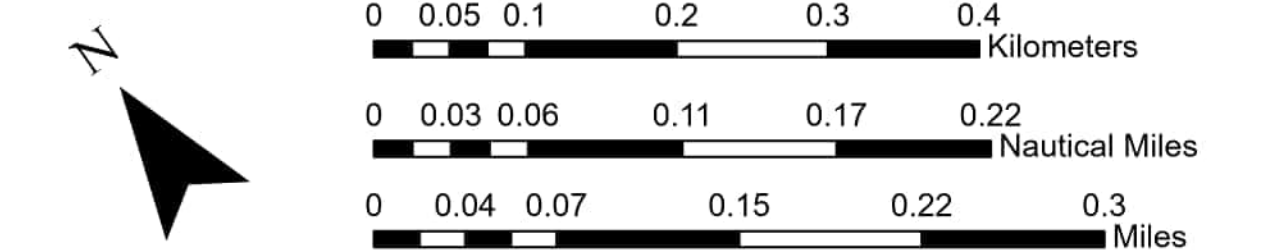
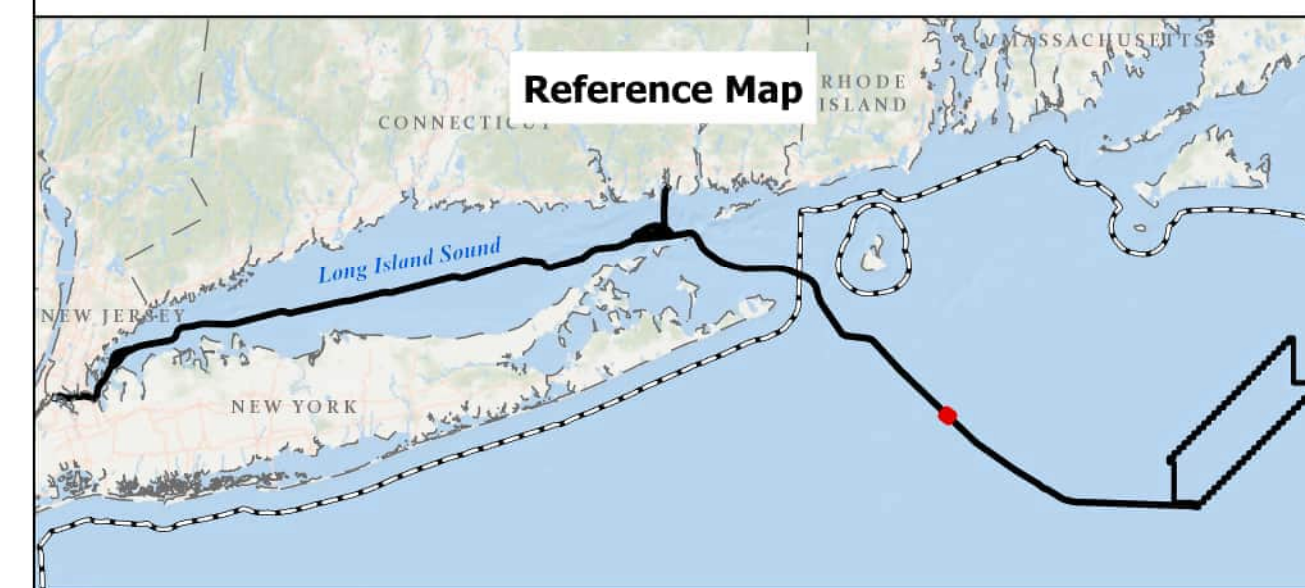
- Station Type**
 - ◆ SPI/PV
 - ★ Video
- CMECS Classification**
 - Sand Dollar Bed
 - Muddy Sand
- CMECS Bioform**
 - Burrows/Bioturbation
- Benthic Features**
 - ▭ Sand Ripples
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - ▭ Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/24/2023

Scale: 1:5,000



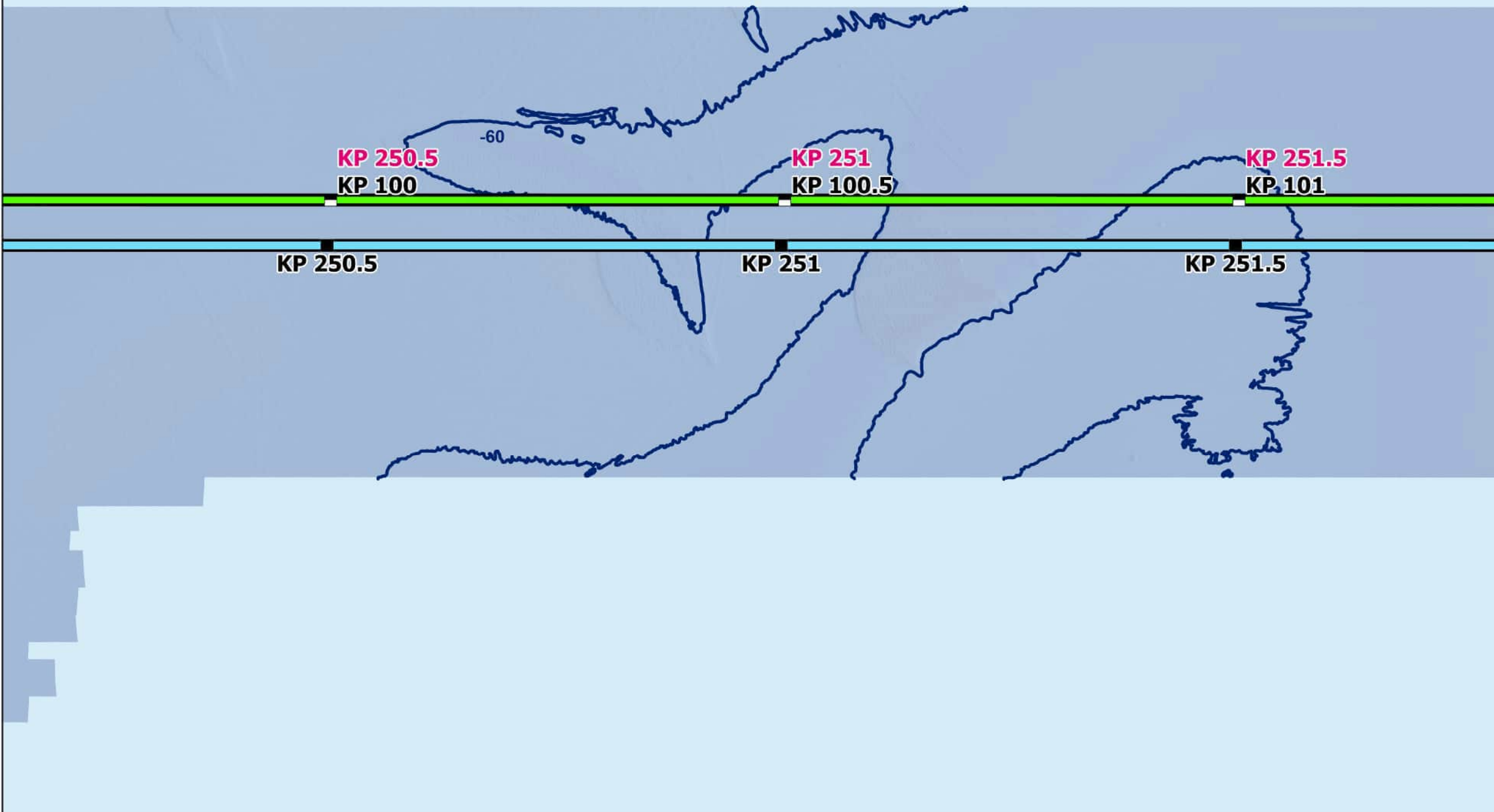
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 186

BW1 (NY) - KP 249 - KP 250
BW2 (NY) - KP 249 - KP 250
BW2 (CT) - KP 98.5 - KP 99.5

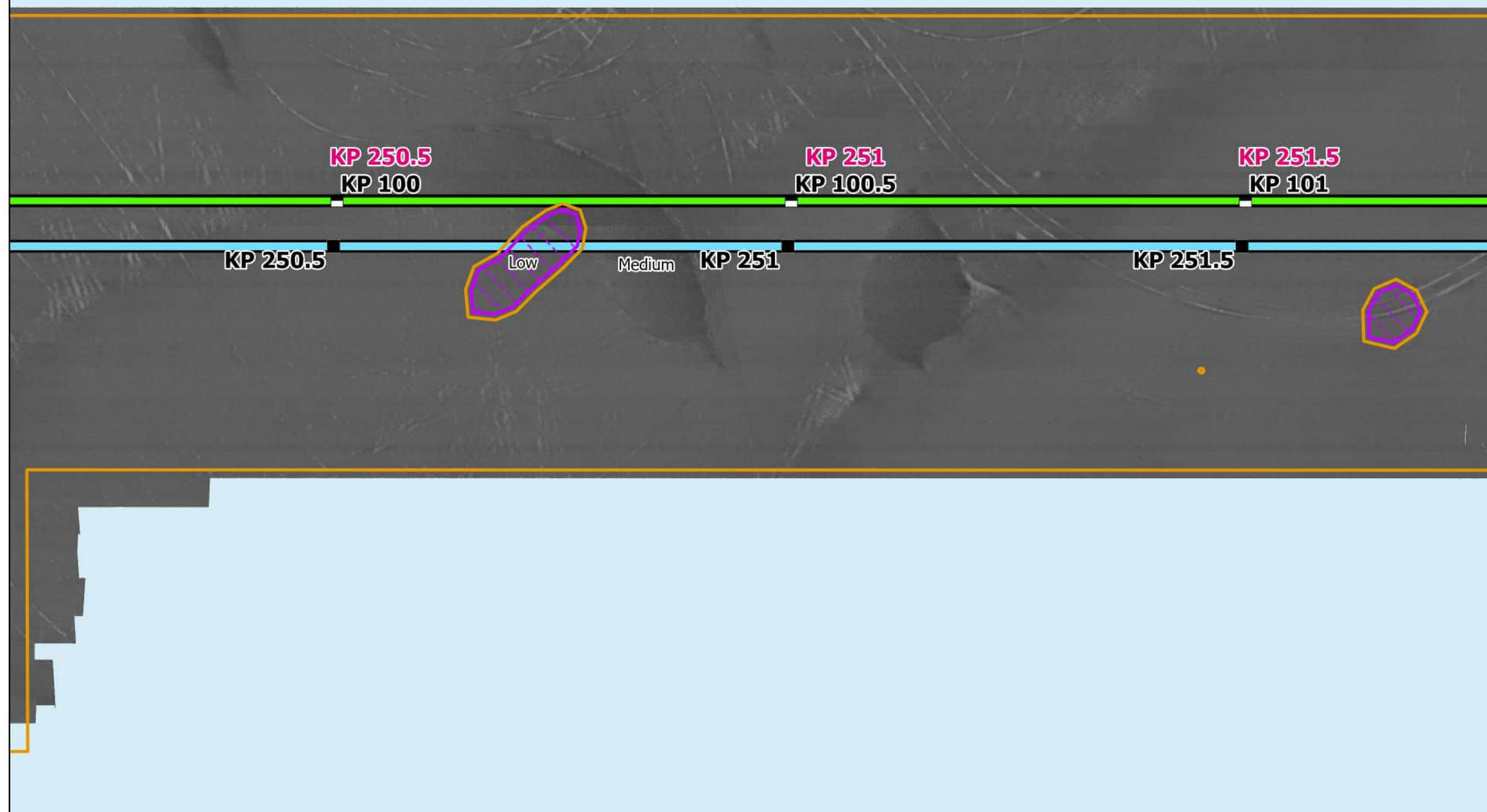
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



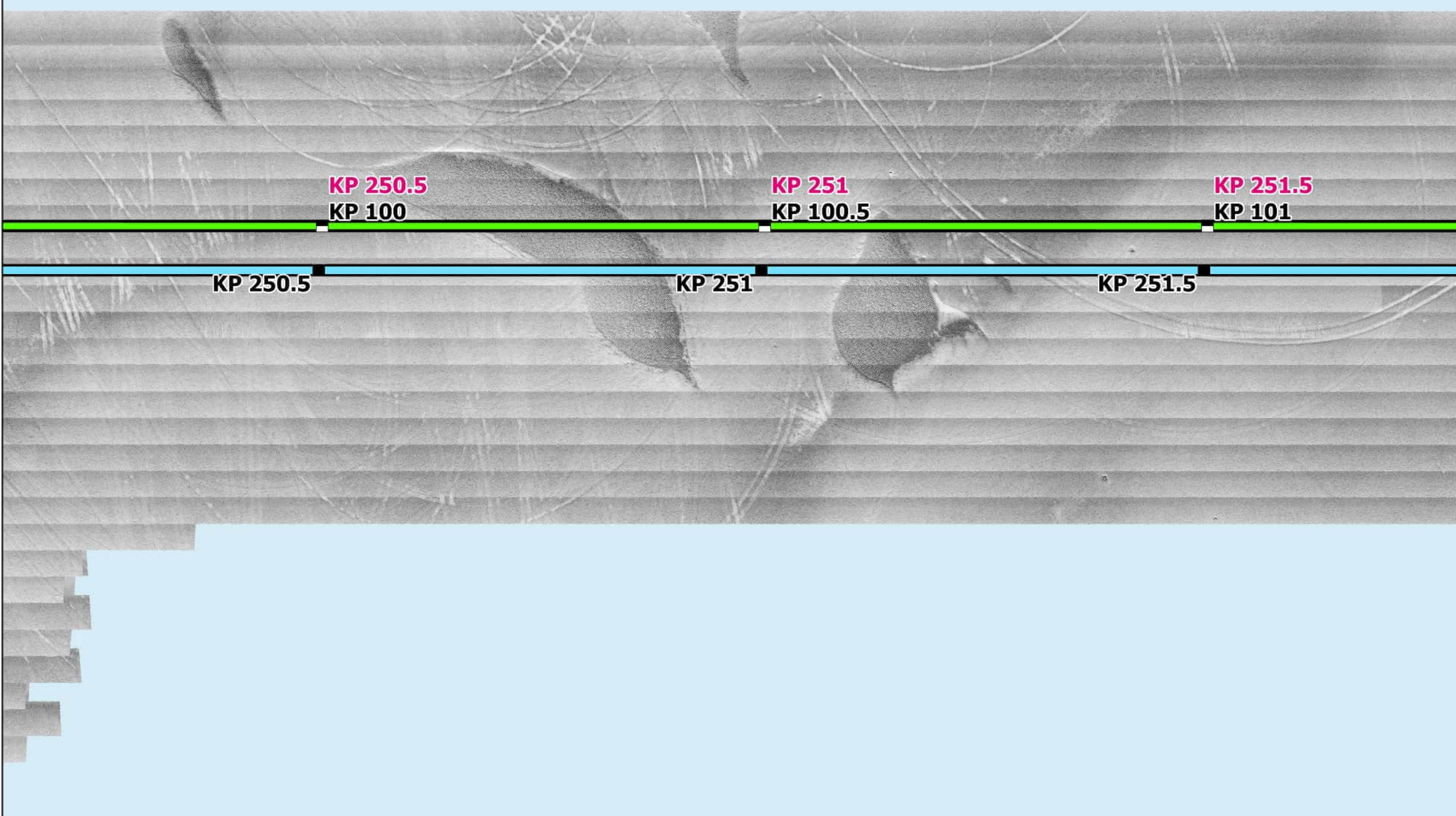
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



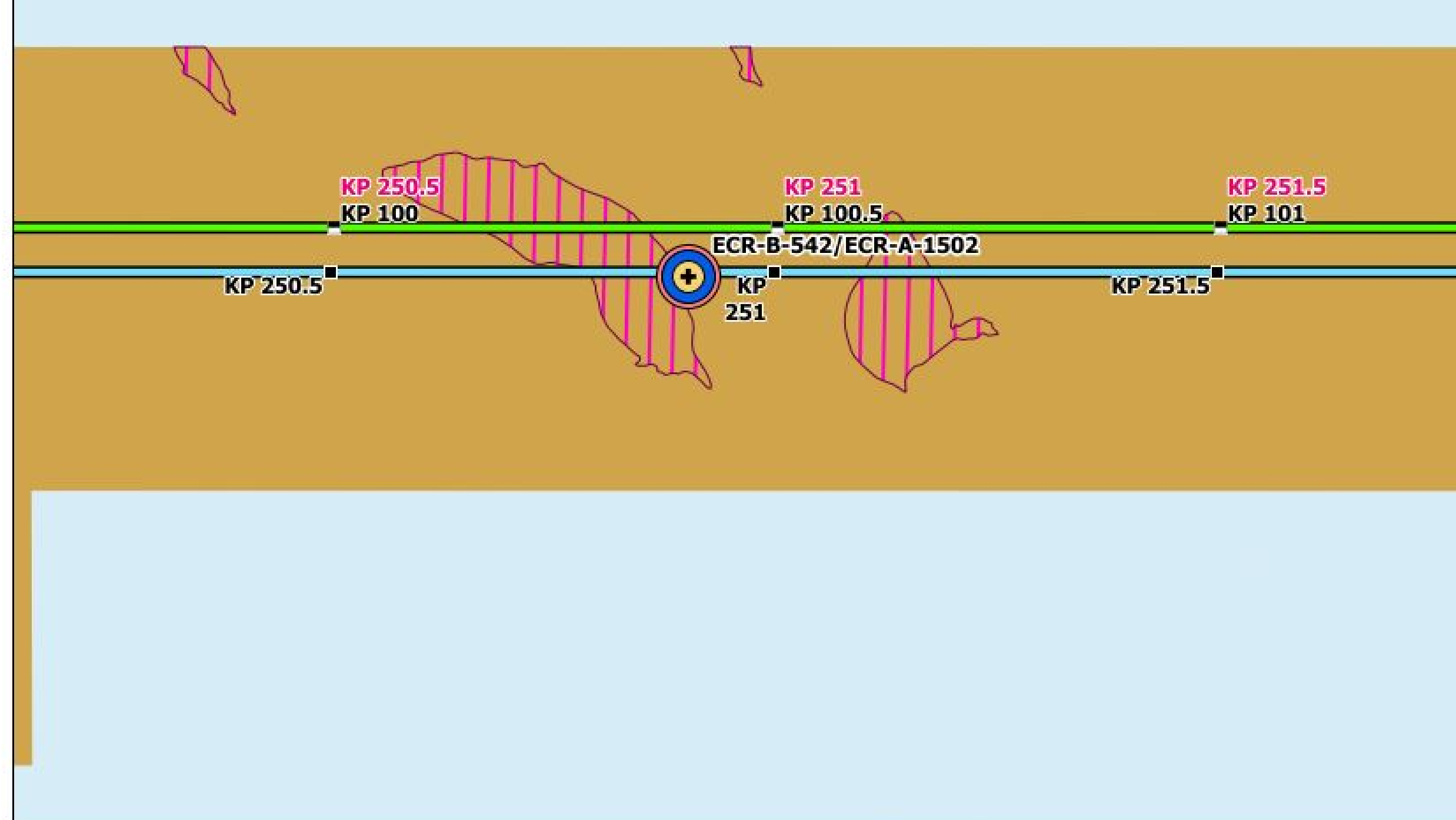
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

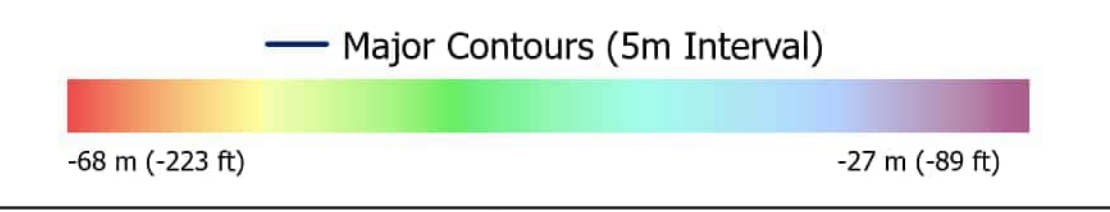


Map Book Package for Submarine Export Cable Route in Federal Waters

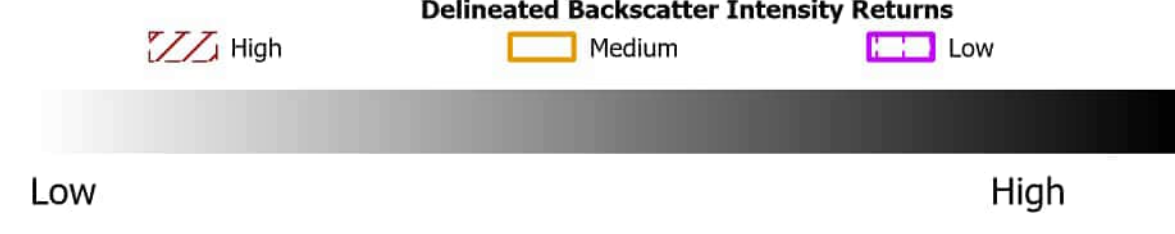


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



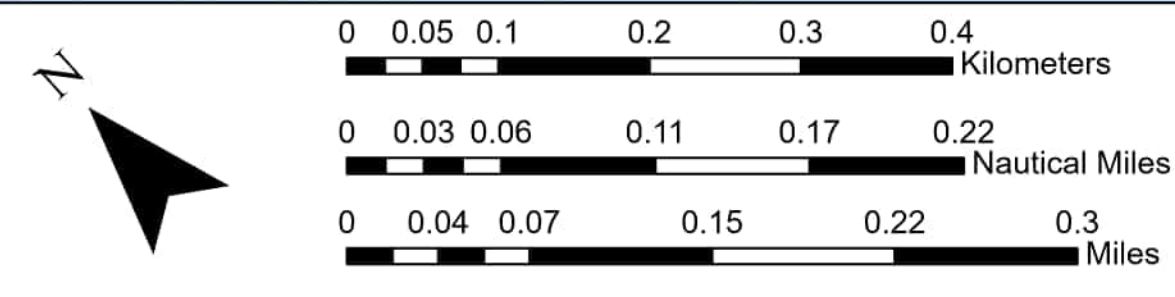
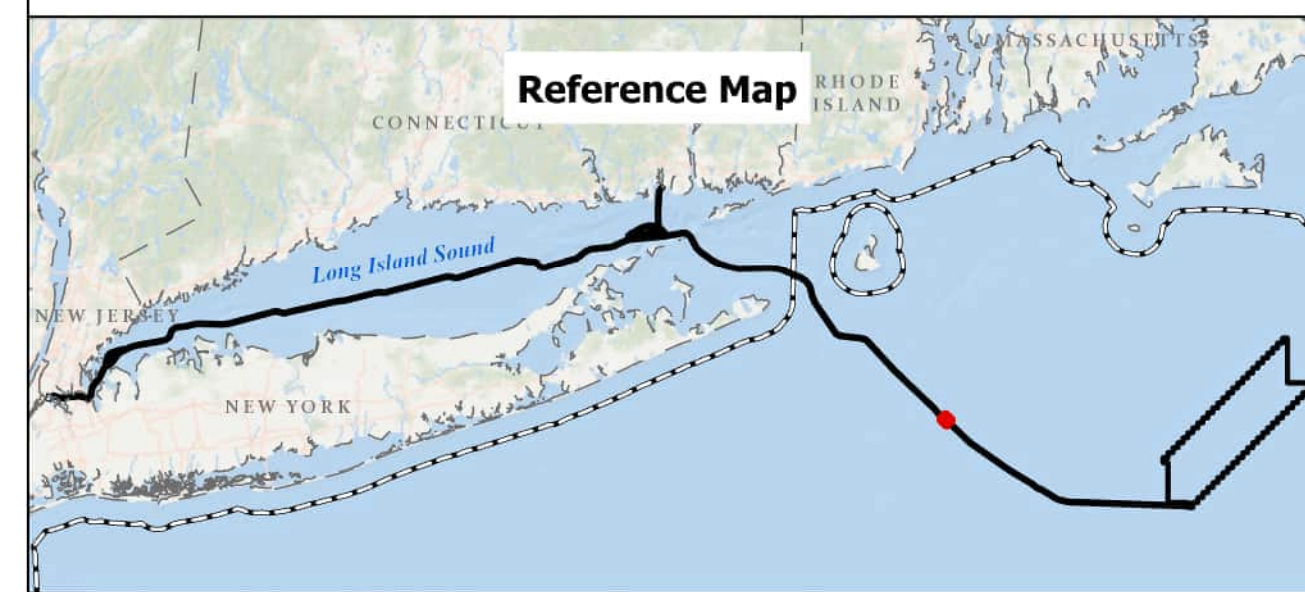
Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

- | | |
|-----------------------------|---|
| Station Type | CMECS Geoform |
| ⊕ Grab and Video | ● Burrows/Bioturbation |
| CMECS Classification | Benthic Features |
| ● Soft Sediment Fauna | ▨ Sand Ripples |
| CMECS Substrate | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| ● Muddy Sand | ■ Sand and Muddy Sand/Soft Bottom Habitat |
- Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/24/2023
Scale: 1:5,000



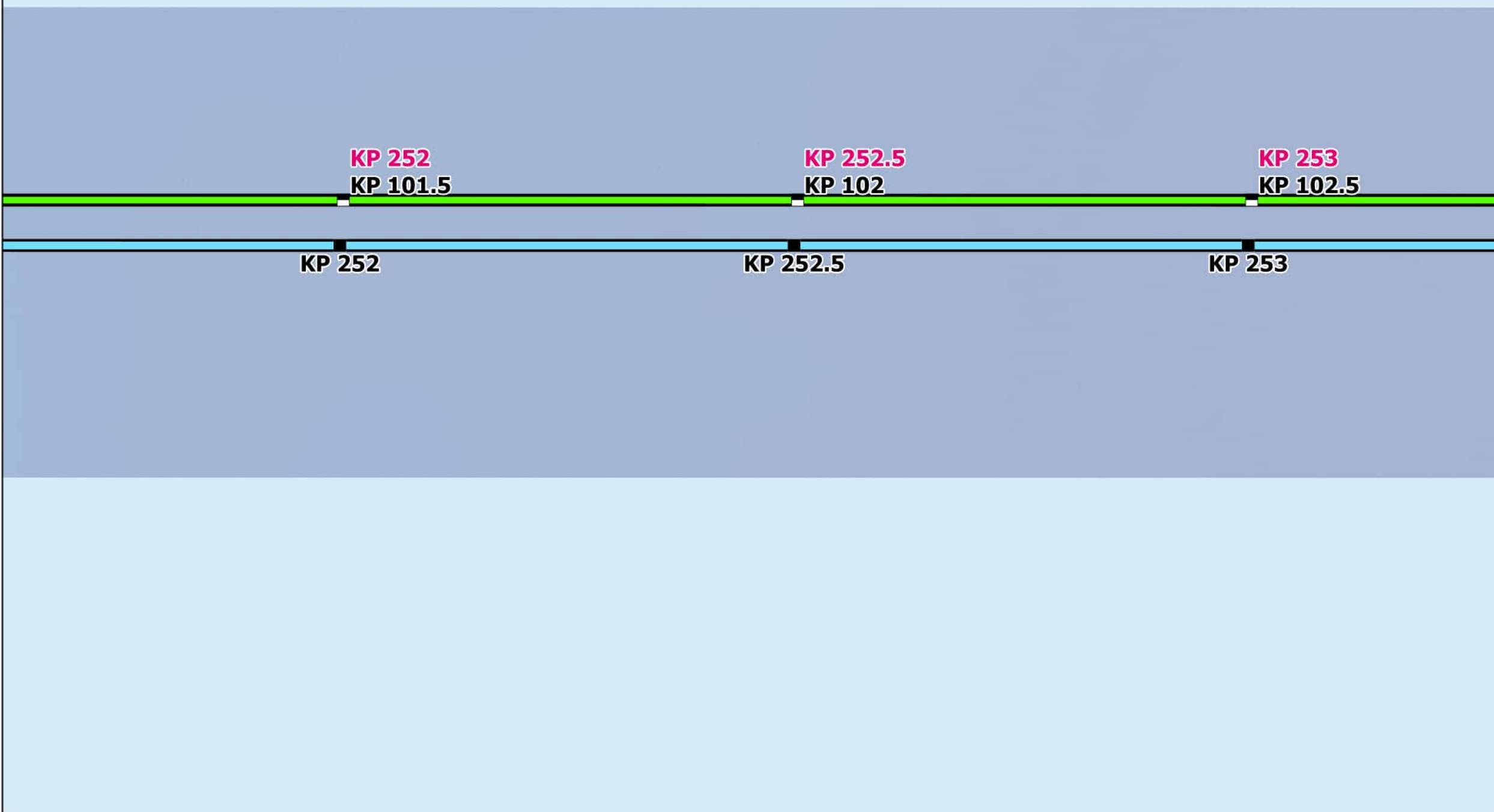
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 187

BW1 (NY) - KP 250.5 - KP 251.5
BW2 (NY) - KP 250.5 - KP 251.5
BW2 (CT) - KP 100 - KP 101

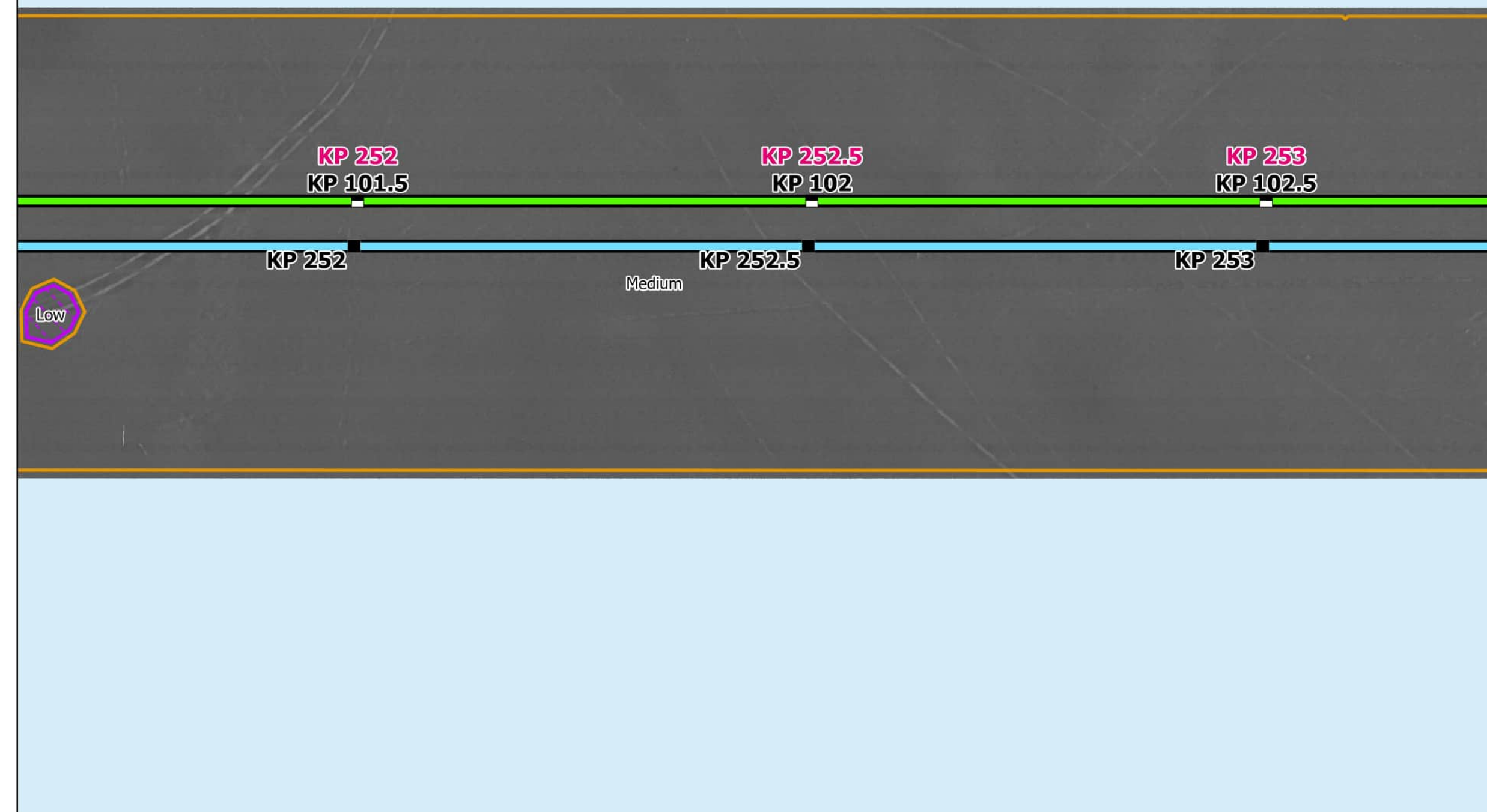
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



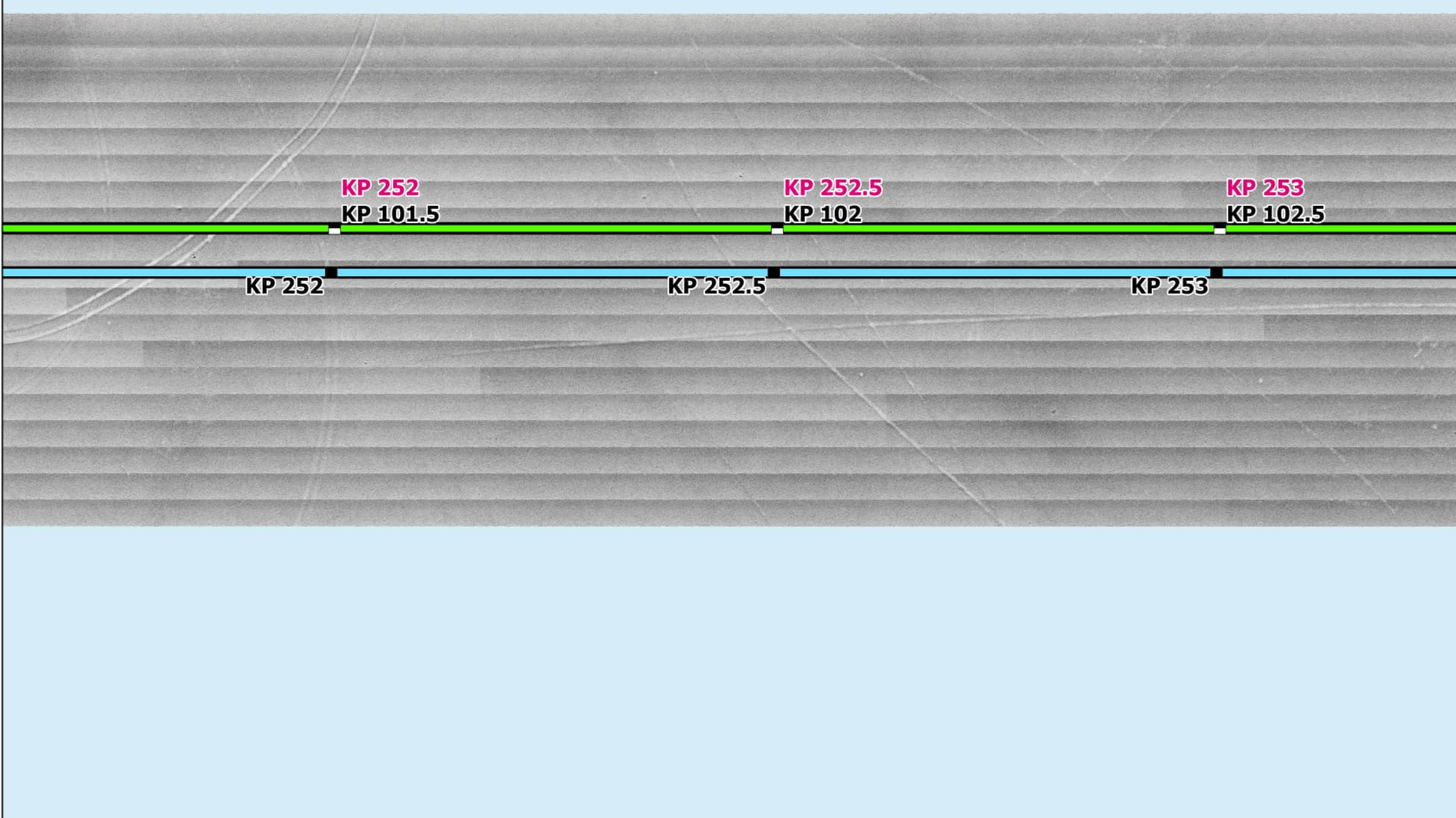
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



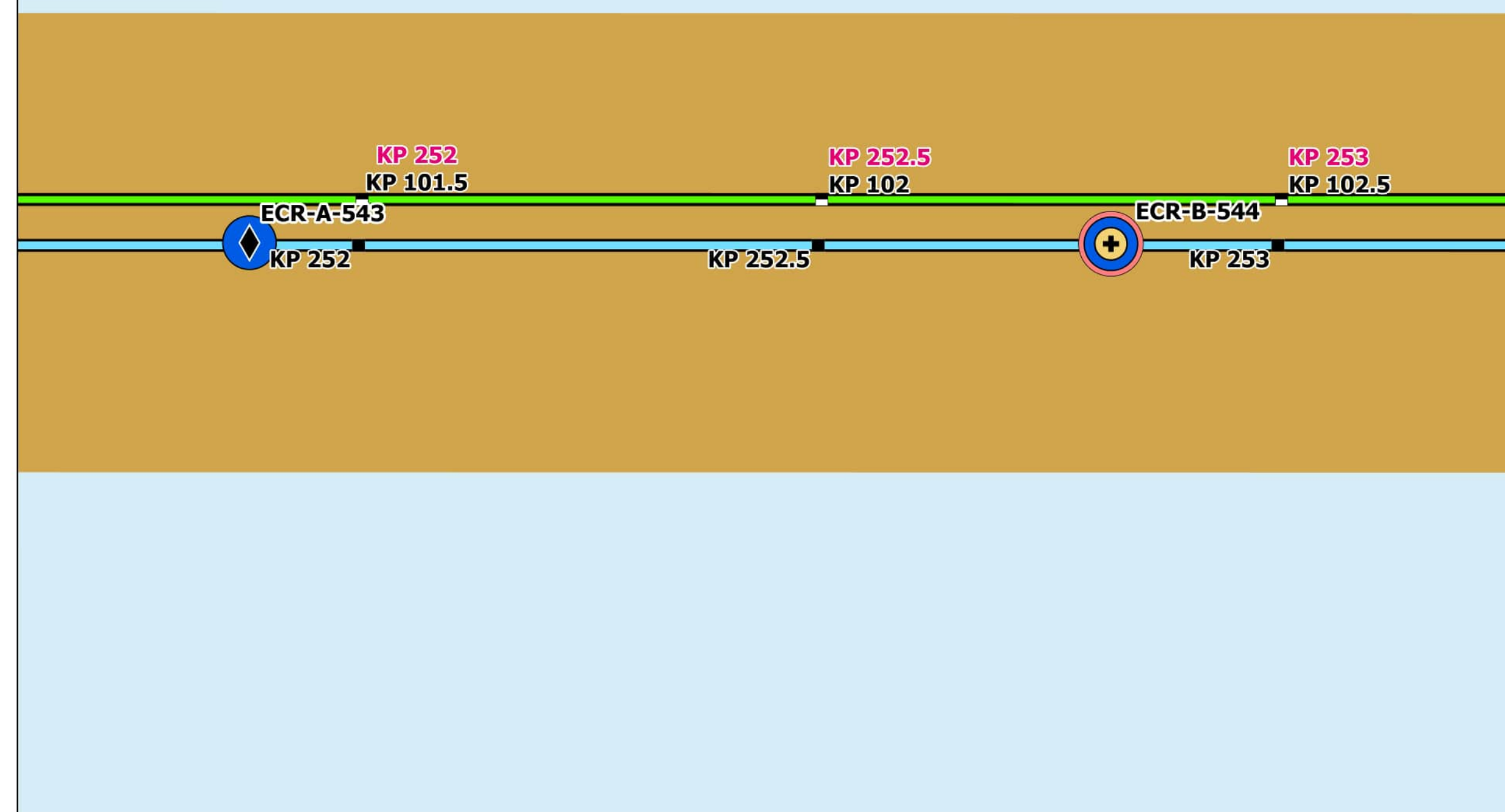
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)

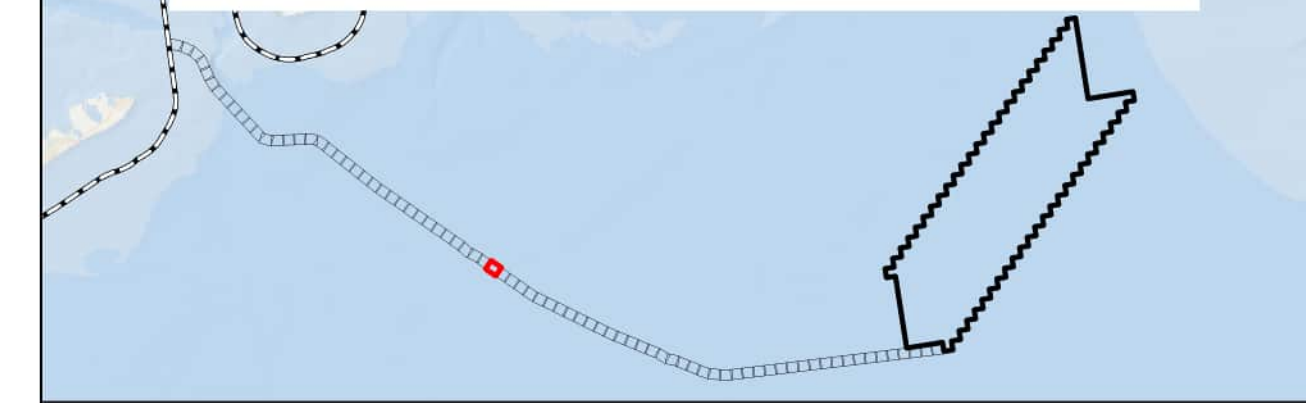


Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

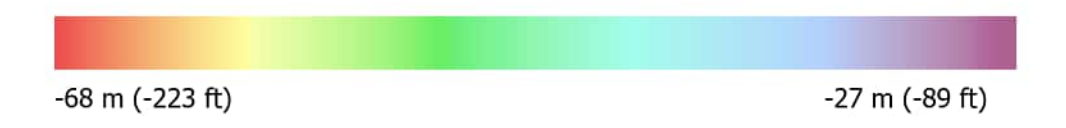


Map Book Package for Submarine Export Cable Route in Federal Waters



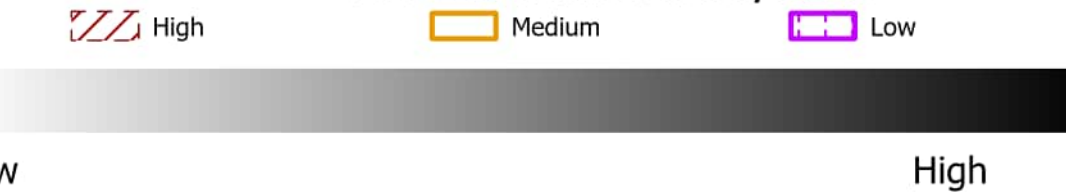
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar

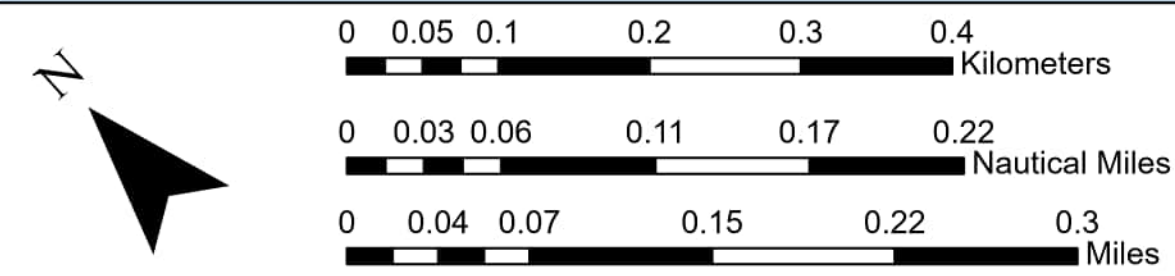
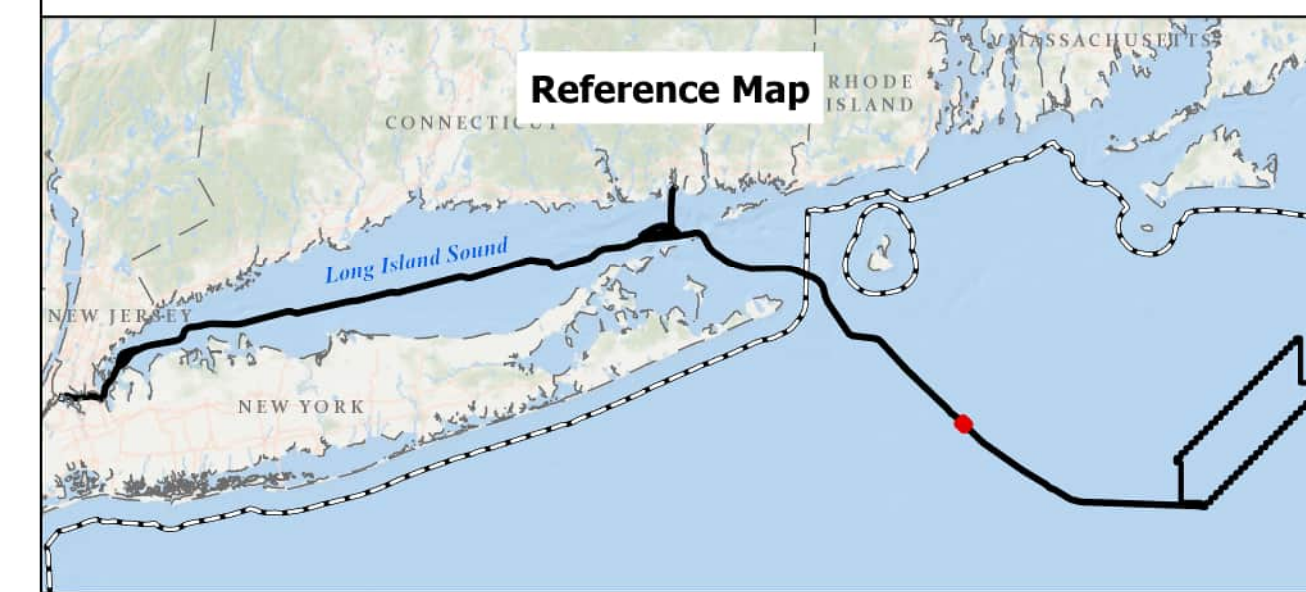


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Geoform**
 - Burrows/Bioturbation
- CMECS Classification**
 - Soft Sediment Fauna
 - Muddy Sand
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023 Scale: 1:5,000

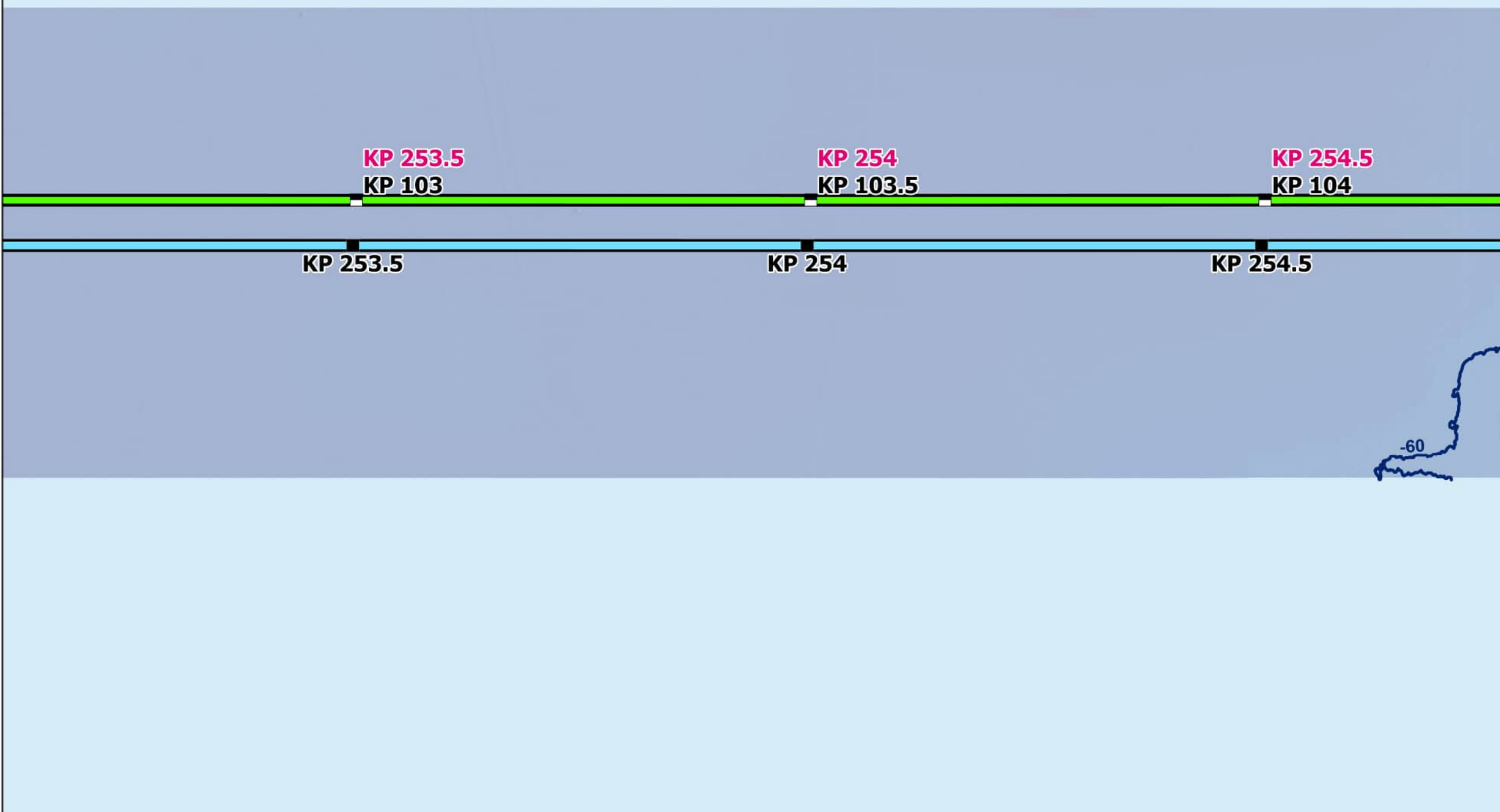


BEACON WIND LEASE AREA OCS-A 0520
Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 188

BW1 (NY) - KP 252 - KP 253
BW2 (NY) - KP 252 - KP 253
BW2 (CT) - KP 101.5 - 102.5

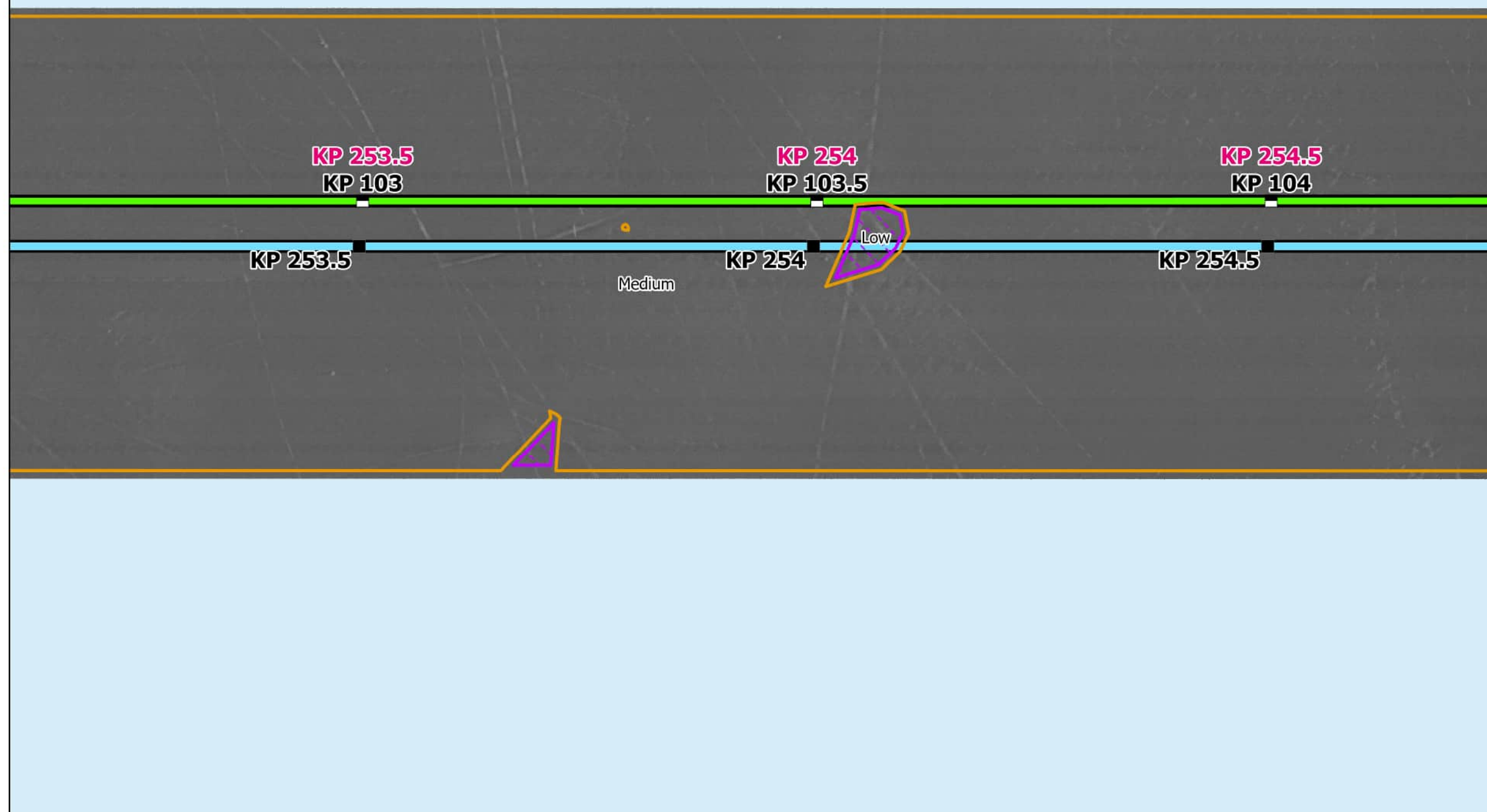
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



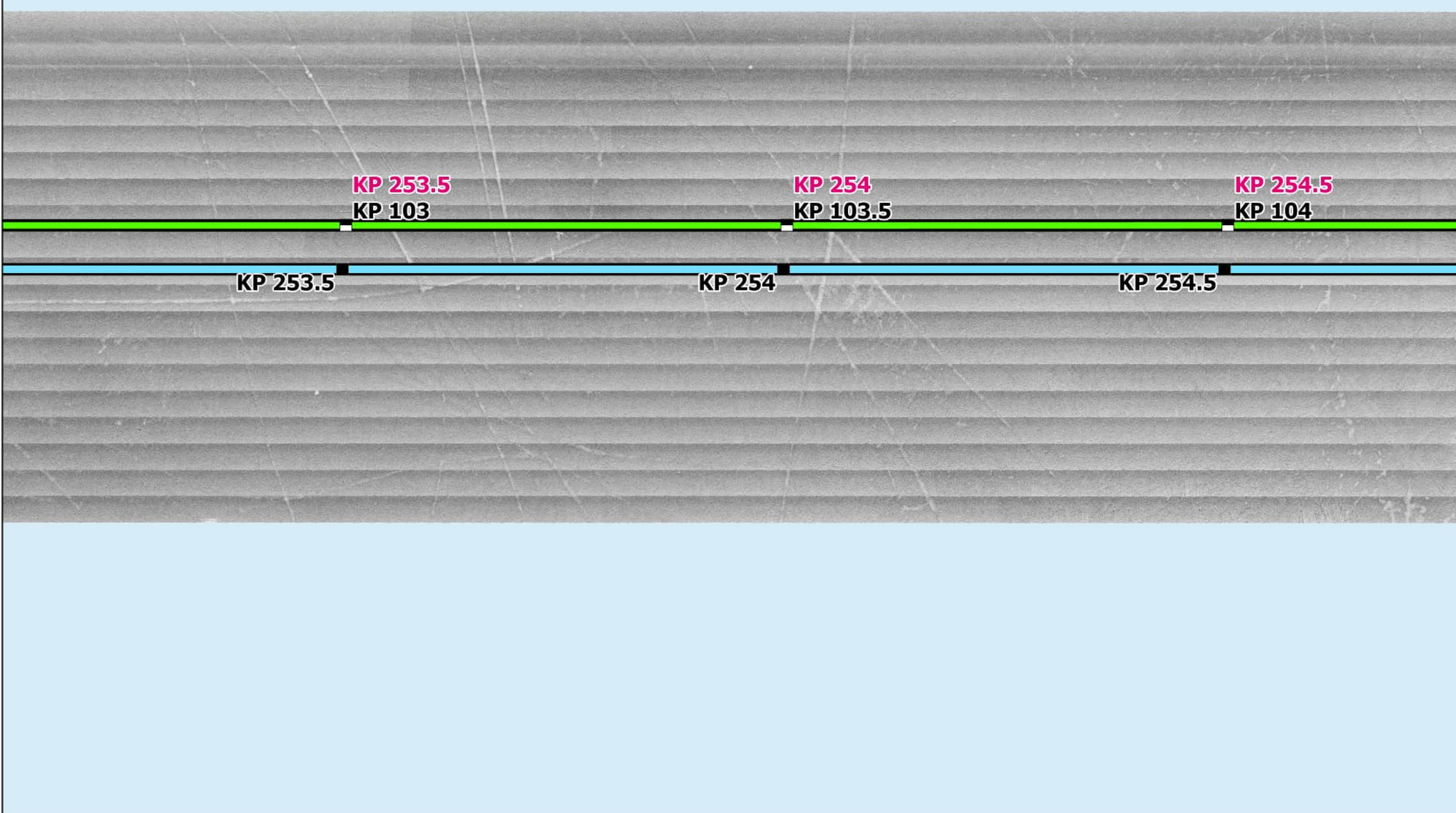
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



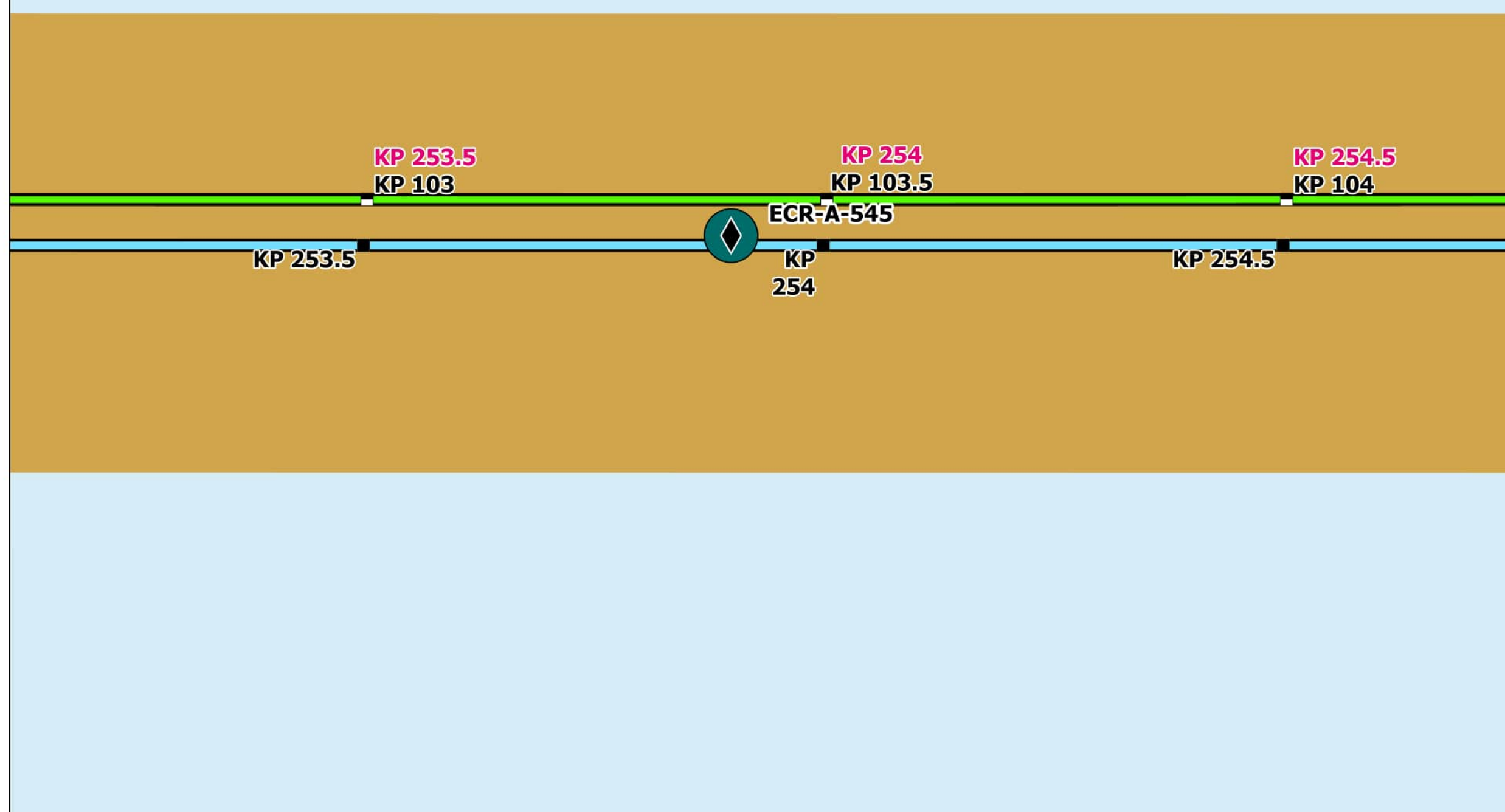
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)

Major Contours (5m Interval)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

Station Type

◆ SPI/PV

Interpreted Seabed Sediment/ NMFS Habitat Characterization

CMECS Substrate

● Sandy Mud

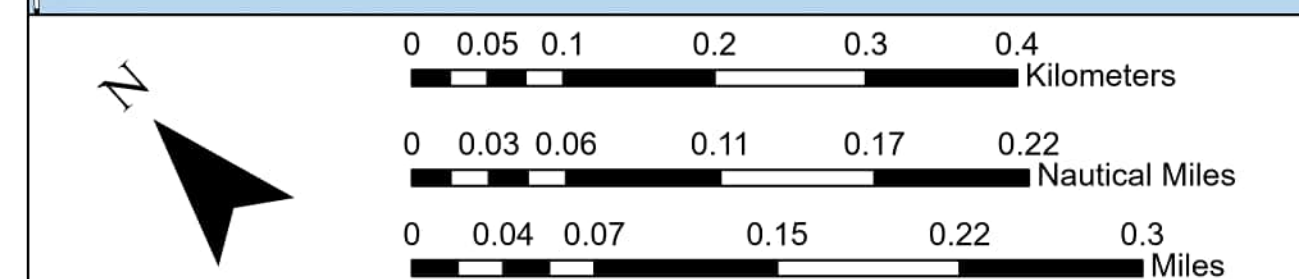
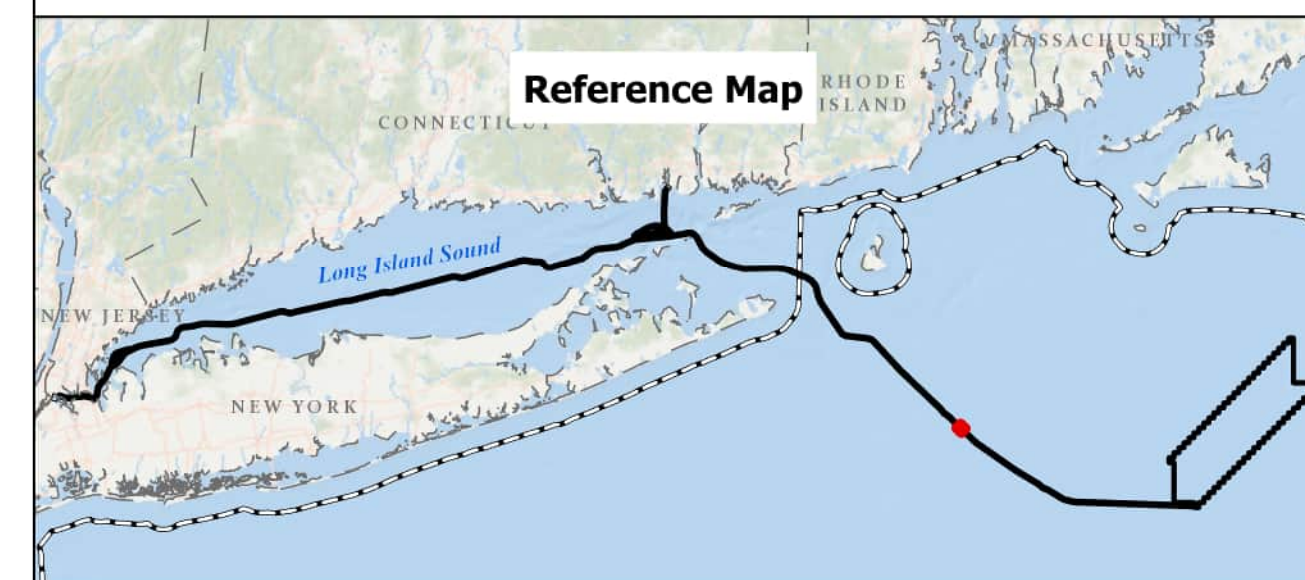
■ Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



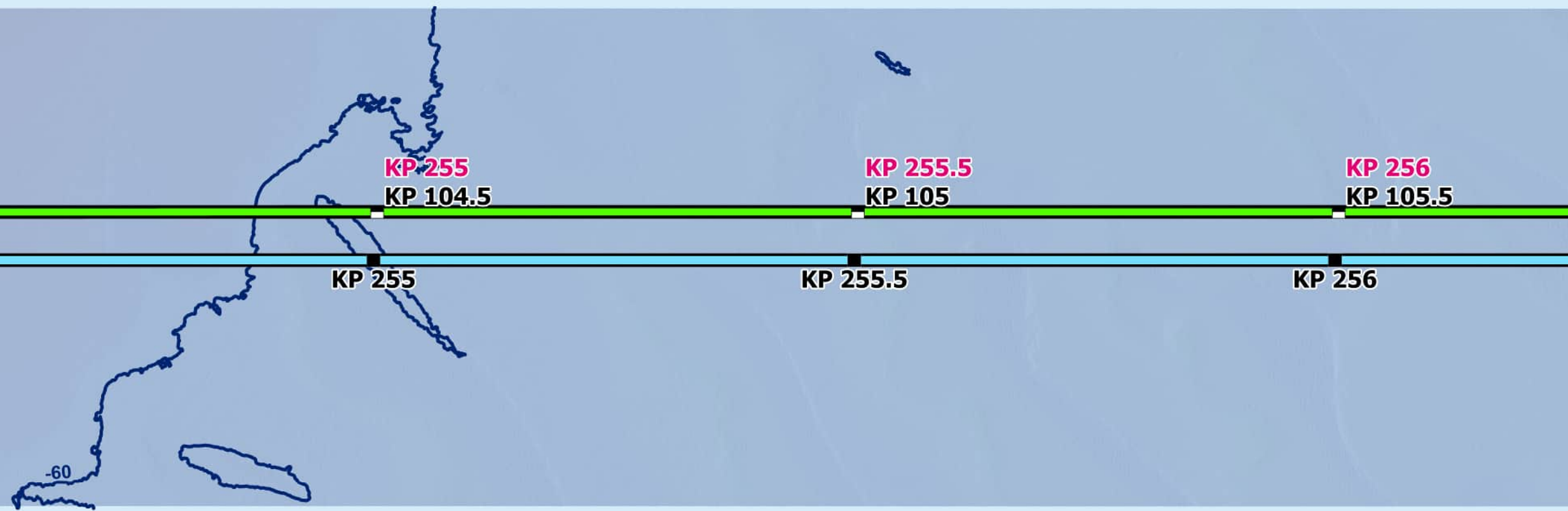
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 189

BW1 (NY) - KP 253.5 - KP 254.5
BW2 (NY) - KP 253.5 - KP 254.5
BW2 (CT) - KP 103 - KP 104

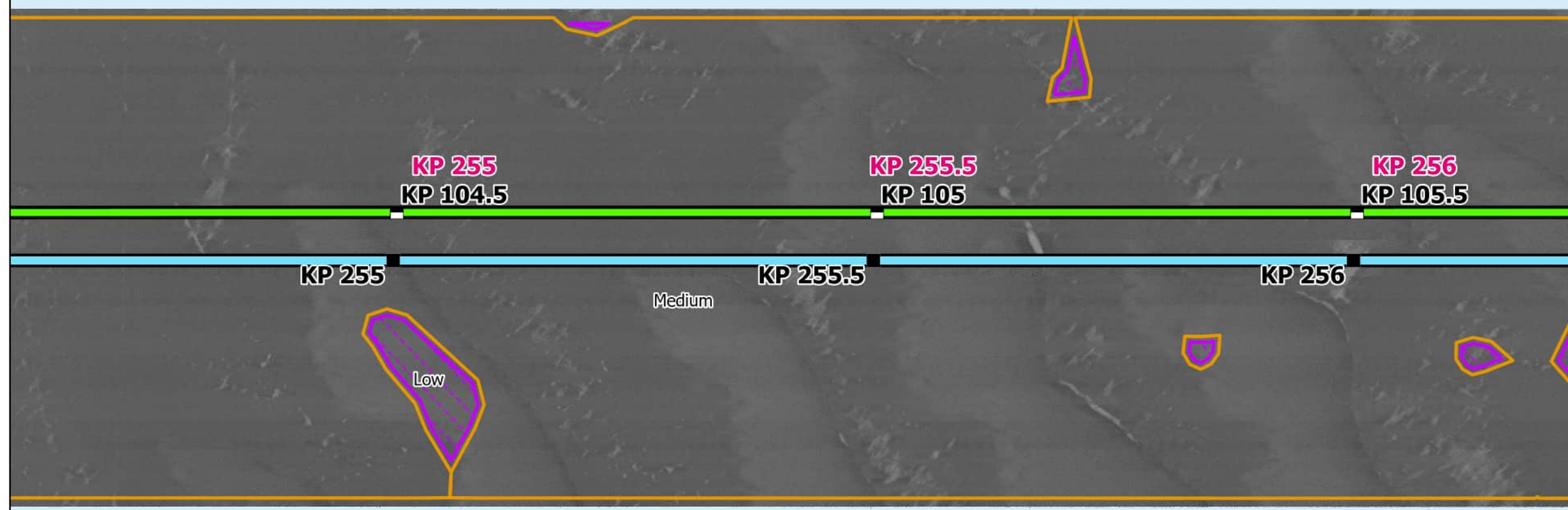
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



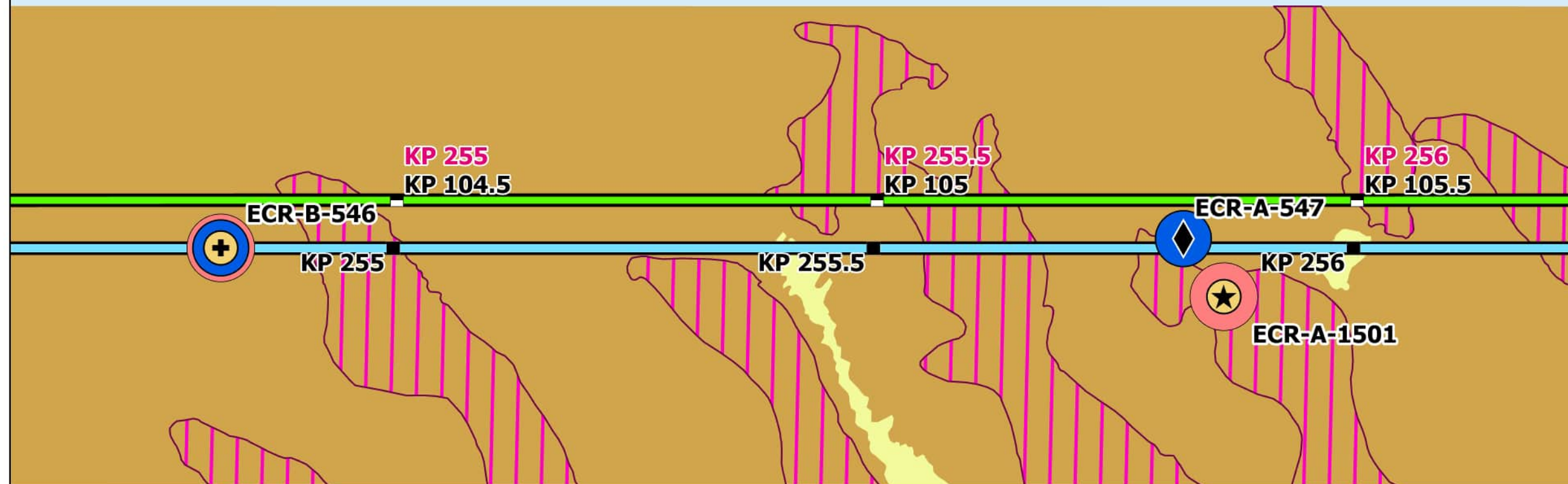
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

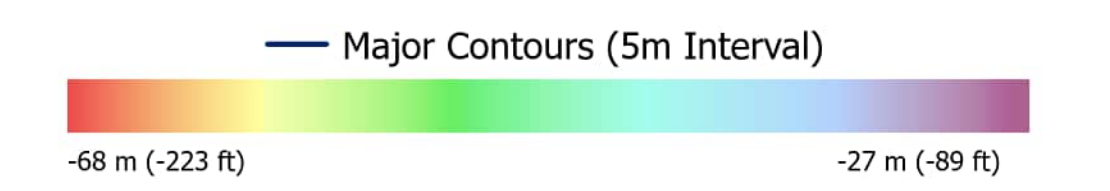
Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



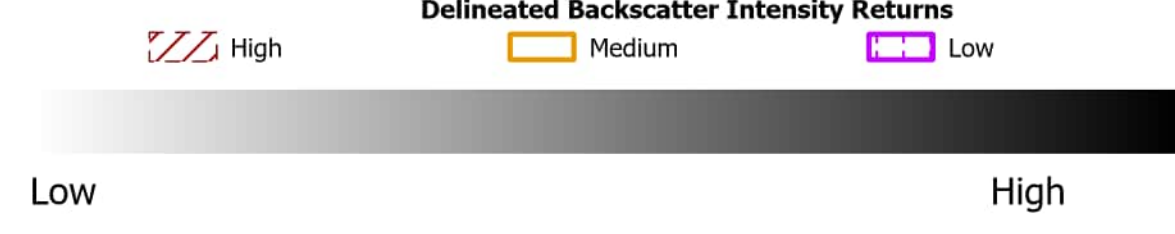
Map Book Package for Submarine Export Cable Route in Federal Waters



Bathymetry (MLLW)



Backscatter



Side Scan Sonar

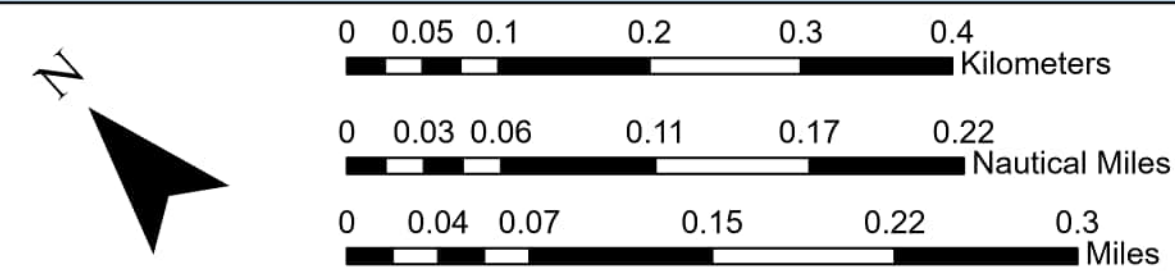
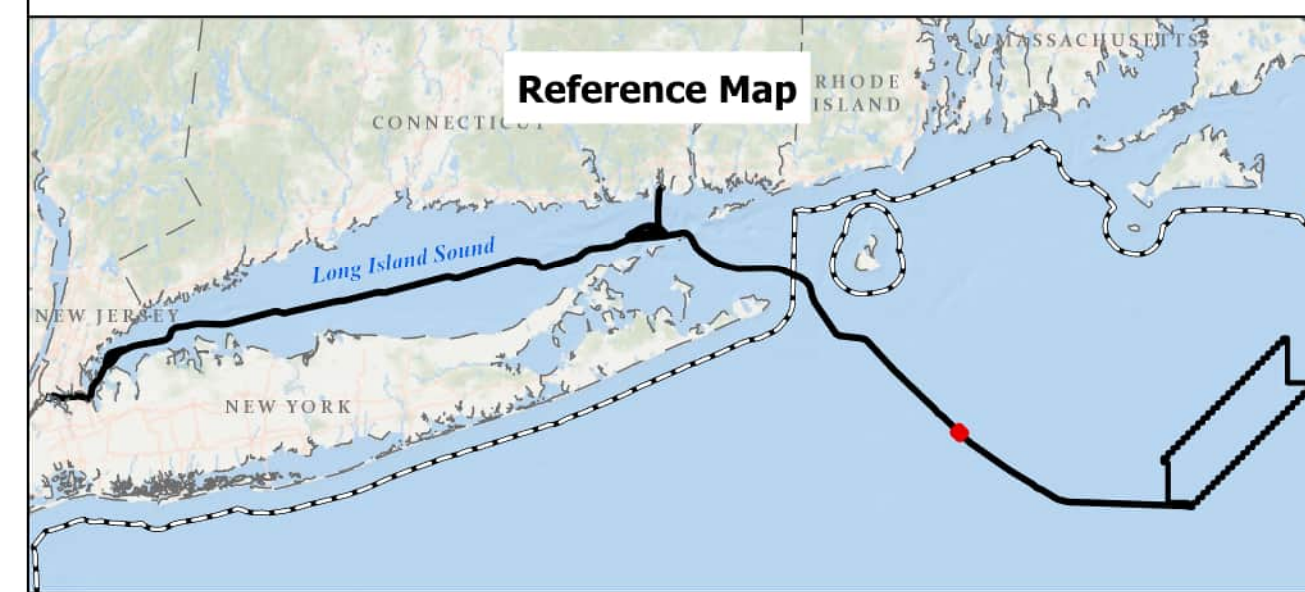


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

Station Type <ul style="list-style-type: none"> + Grab and Video ◆ SPI/PV ★ Video 	CMECS Geomorph <ul style="list-style-type: none"> ● Burrows/Bioturbation
CMECS Classification CMECS Biotic <ul style="list-style-type: none"> ● Soft Sediment Fauna 	Benthic Features <ul style="list-style-type: none"> ▭ Sand Ripples
CMECS Substrate <ul style="list-style-type: none"> ● Muddy Sand 	Interpreted Seabed Sediment/ NMFS Habitat Characterization <ul style="list-style-type: none"> ■ Mud and Sandy Mud/Soft Bottom Habitat ■ Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



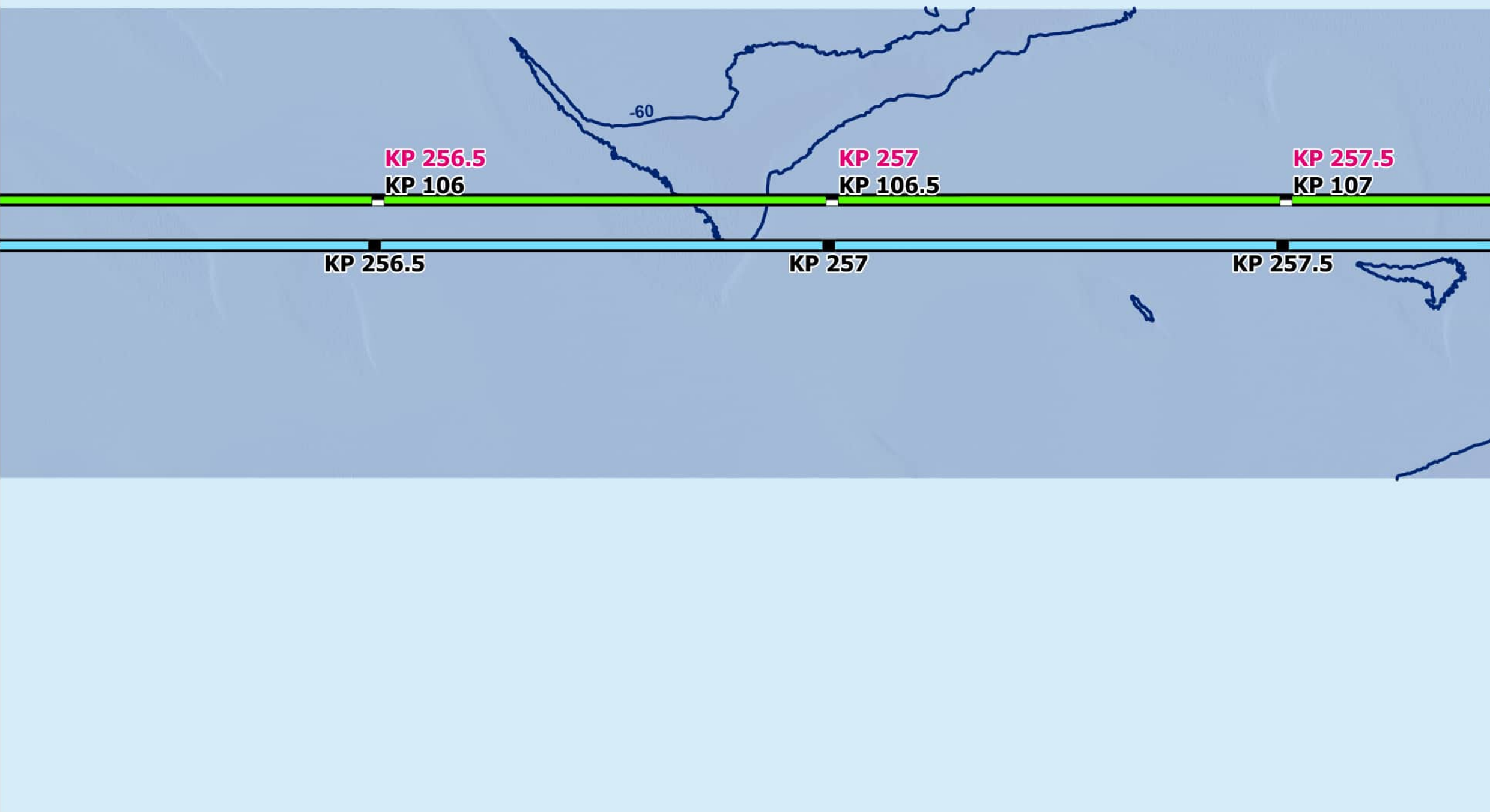
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 190

BW1 (NY) - KP 255 - KP 256
BW2 (NY) - KP 255 - KP 256
BW2 (CT) - KP 104.5 - KP 105.5

Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



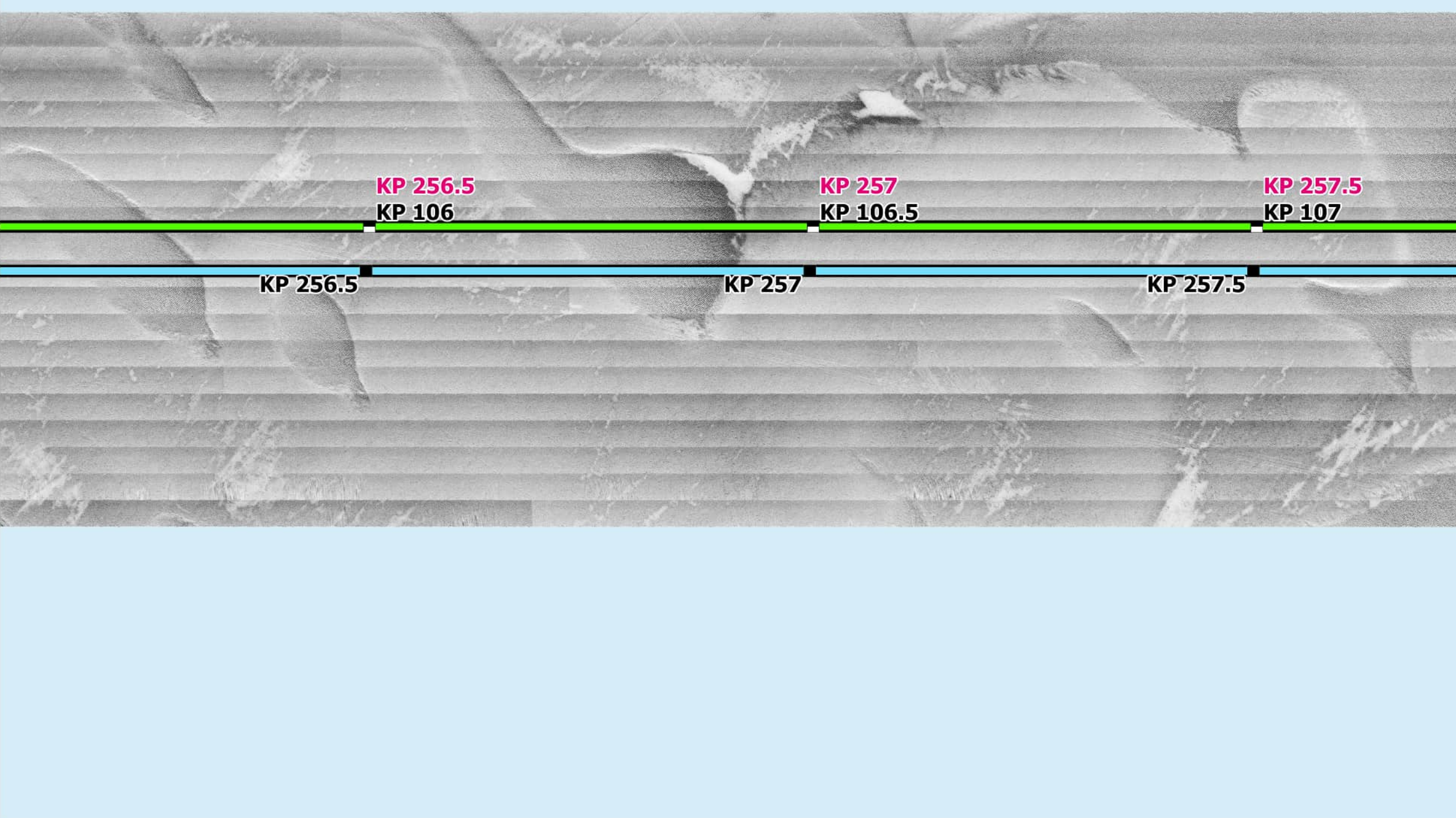
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



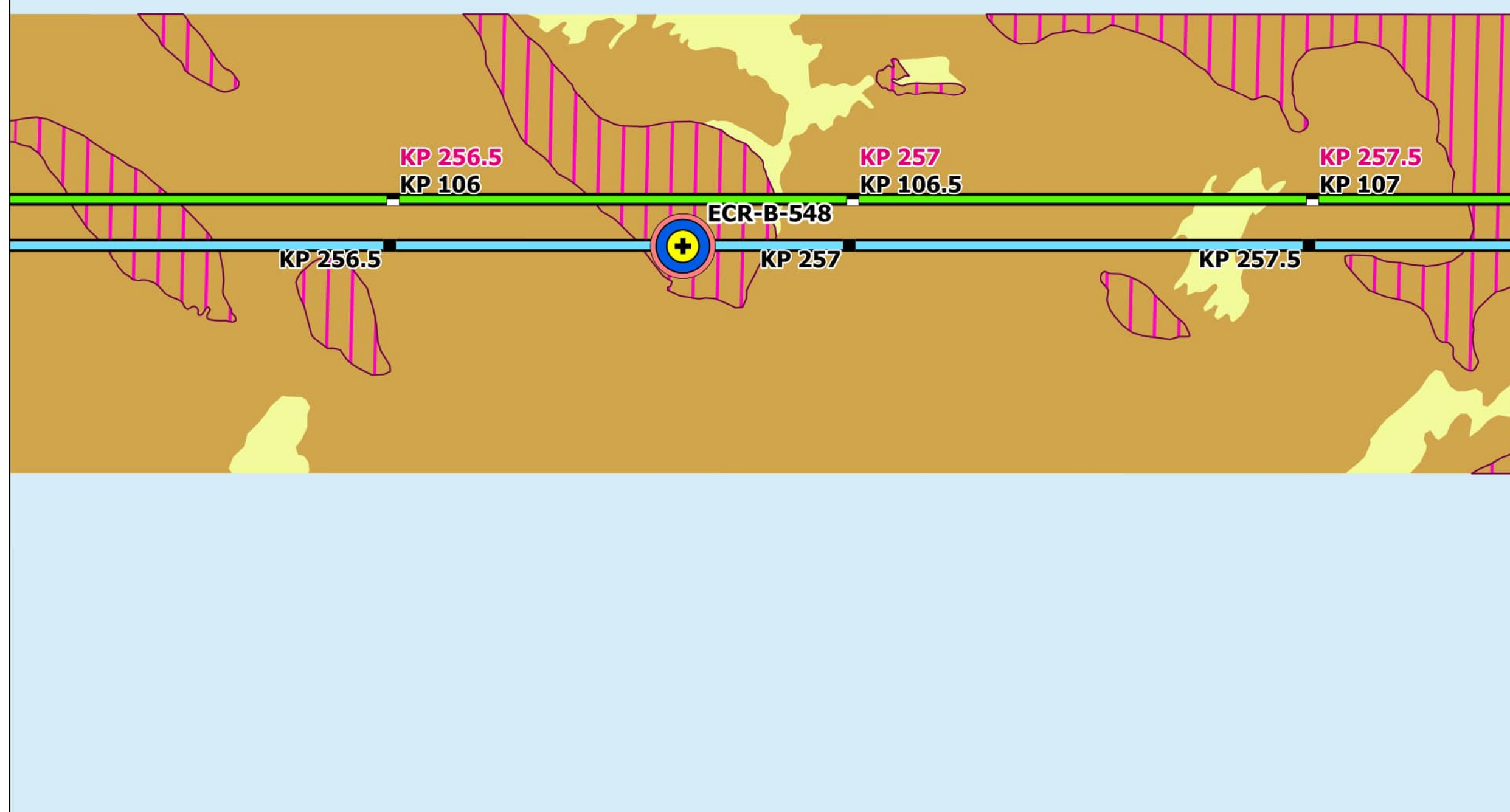
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

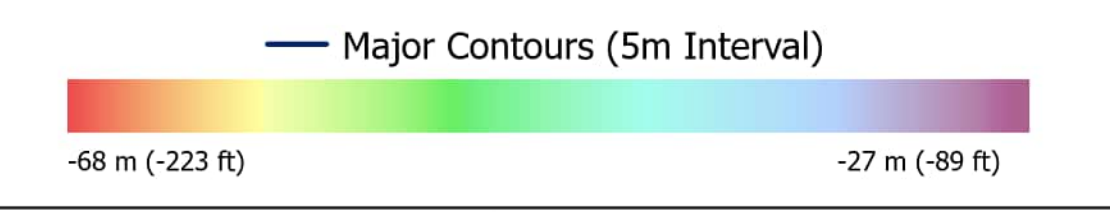


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar

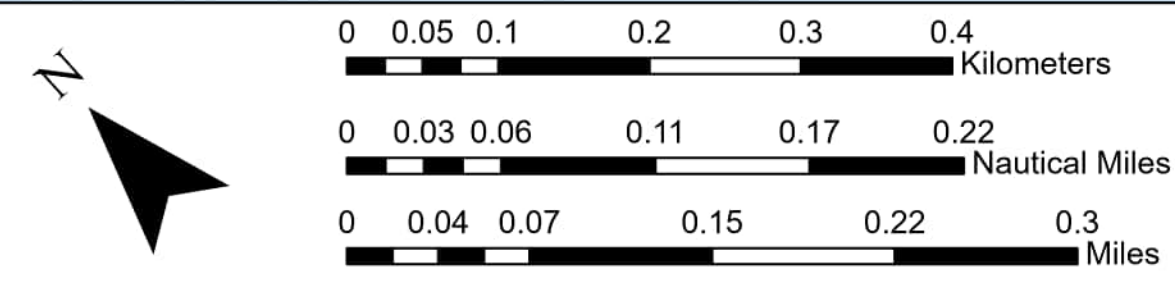
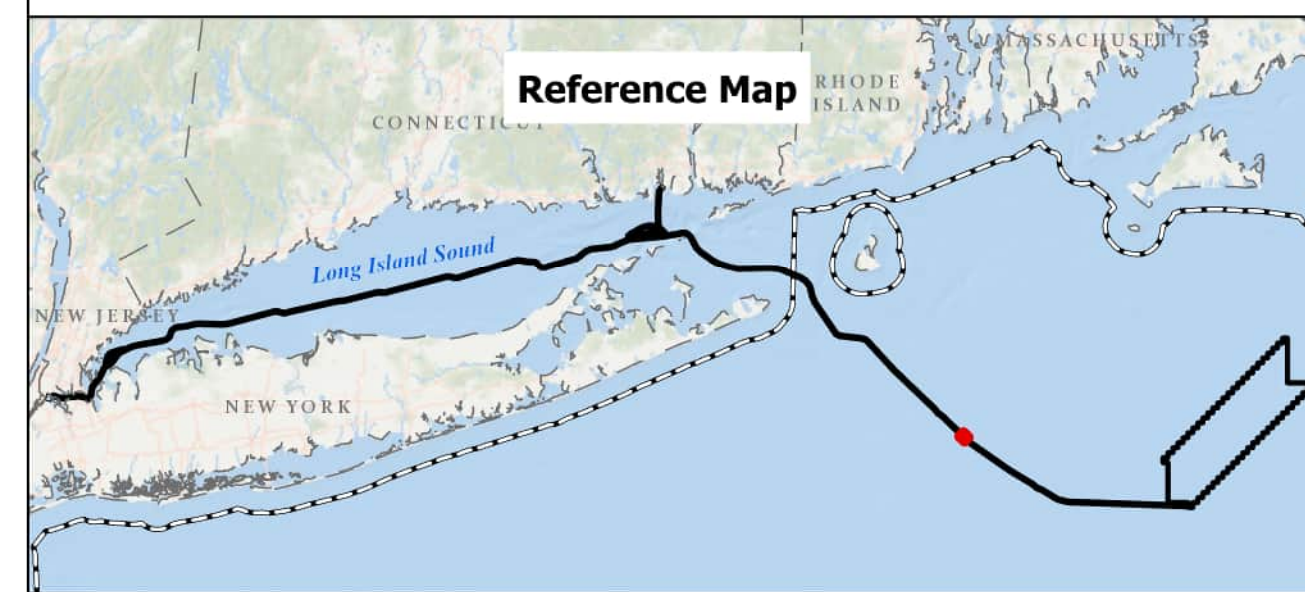


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | |
|-----------------------------|---|
| Station Type | CMECS Geoform |
| ⊕ Grab and Video | ● Burrows/Bioturbation |
| CMECS Classification | Benthic Features |
| ● Sand Dollar Bed | ▨ Sand Ripples |
| CMECS Substrate | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| ● Muddy Sand | ■ Mud and Sandy Mud/Soft Bottom Habitat |
| | ■ Sand and Muddy Sand/Soft Bottom Habitat |

Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



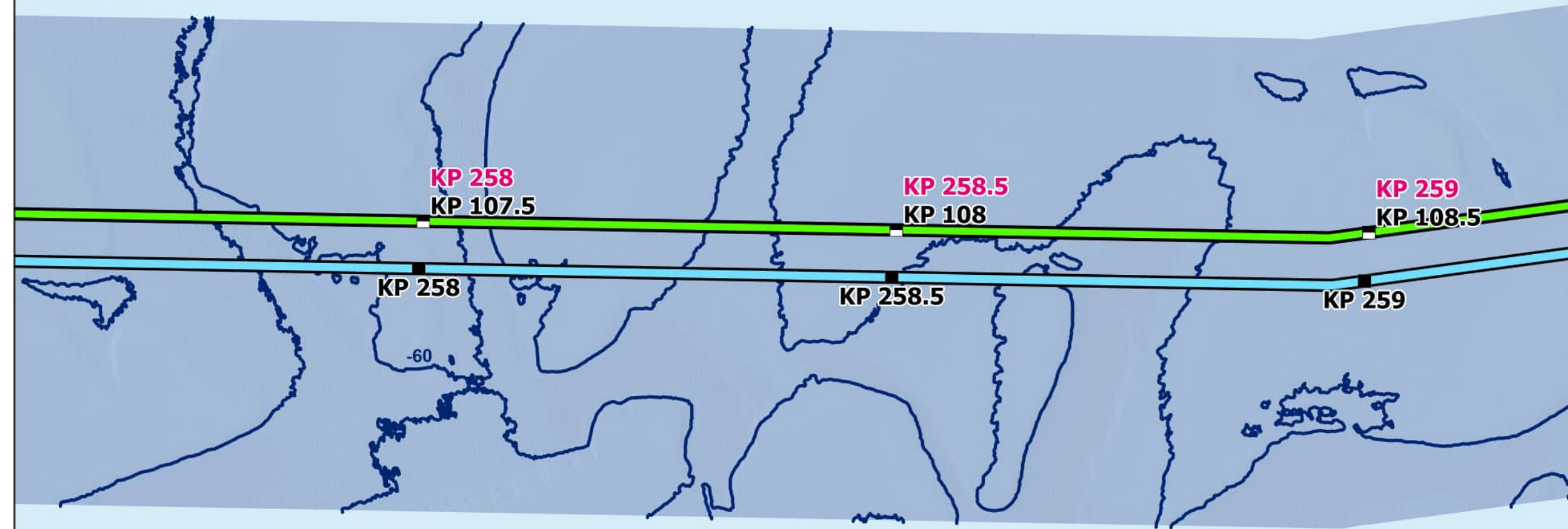
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 191

BW1 (NY) - KP 256.5 - KP 257.5
BW2 (NY) - KP 256.5 - KP 257.5
BW2 (CT) - KP 106 - KP 107

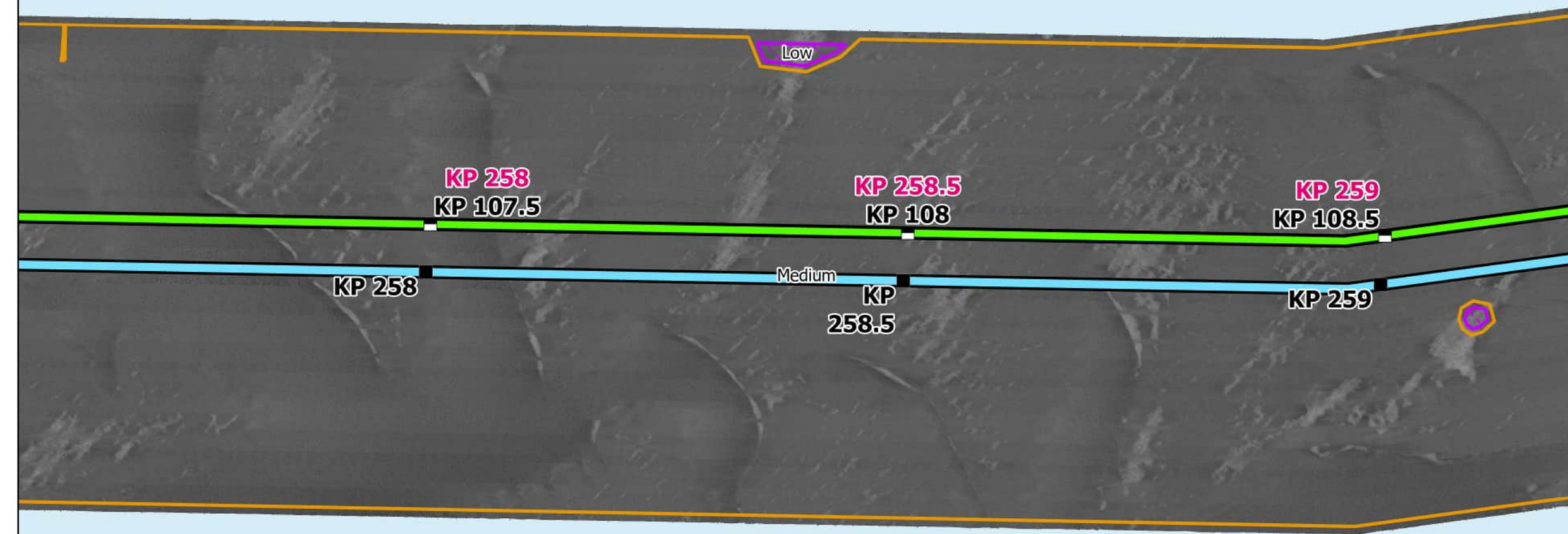
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



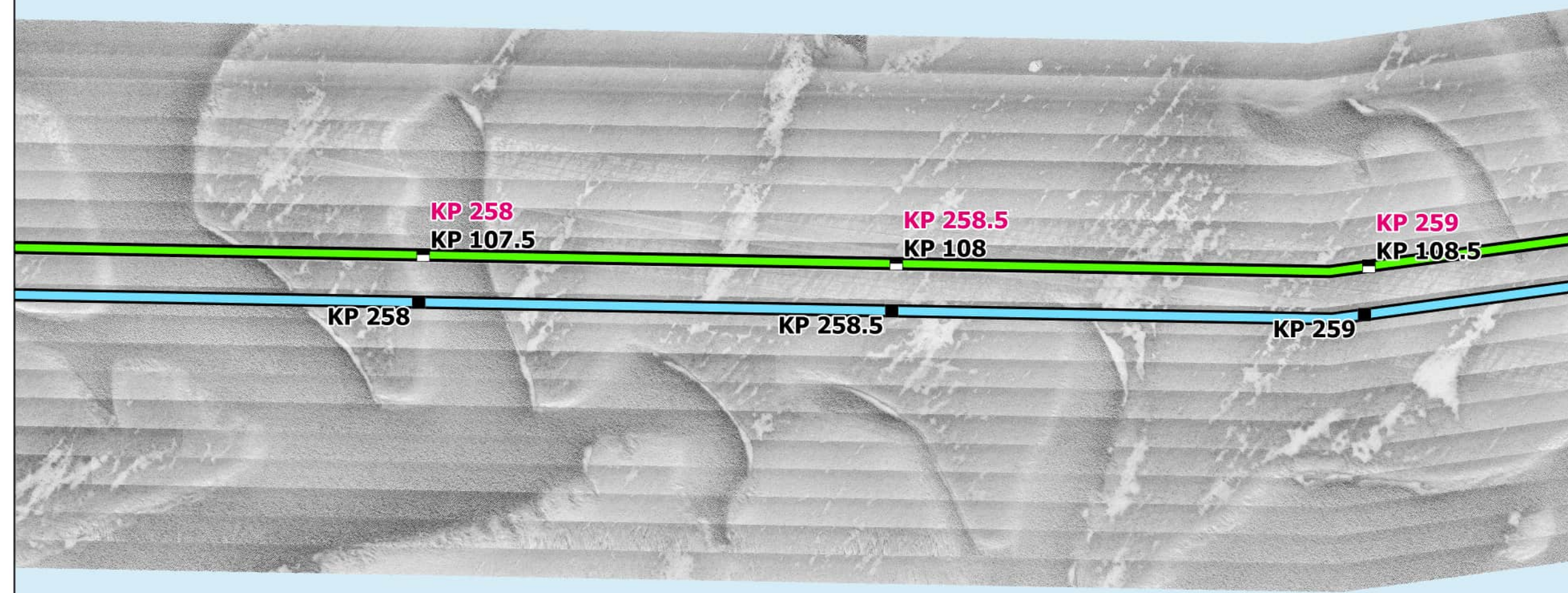
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



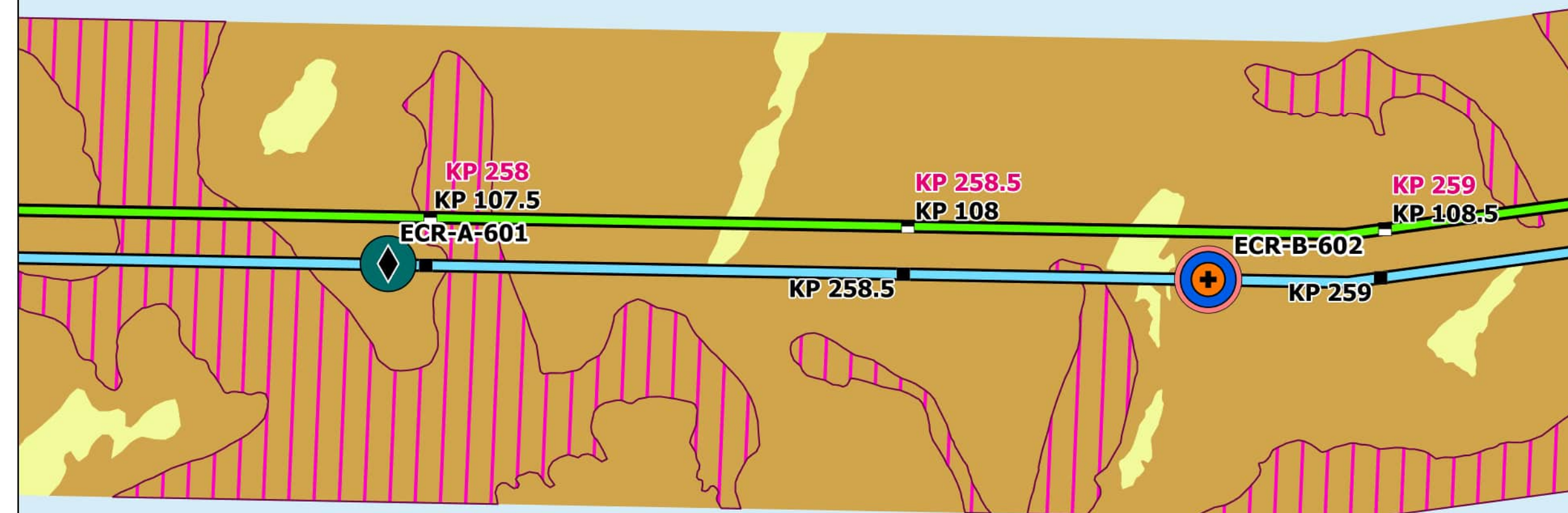
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

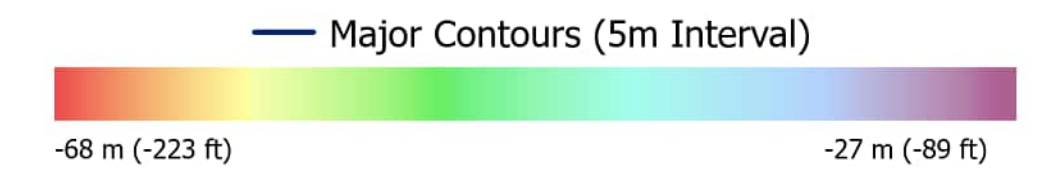


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

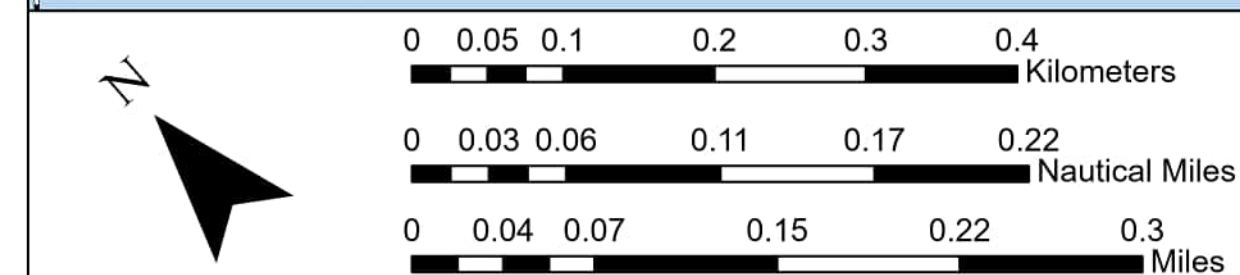
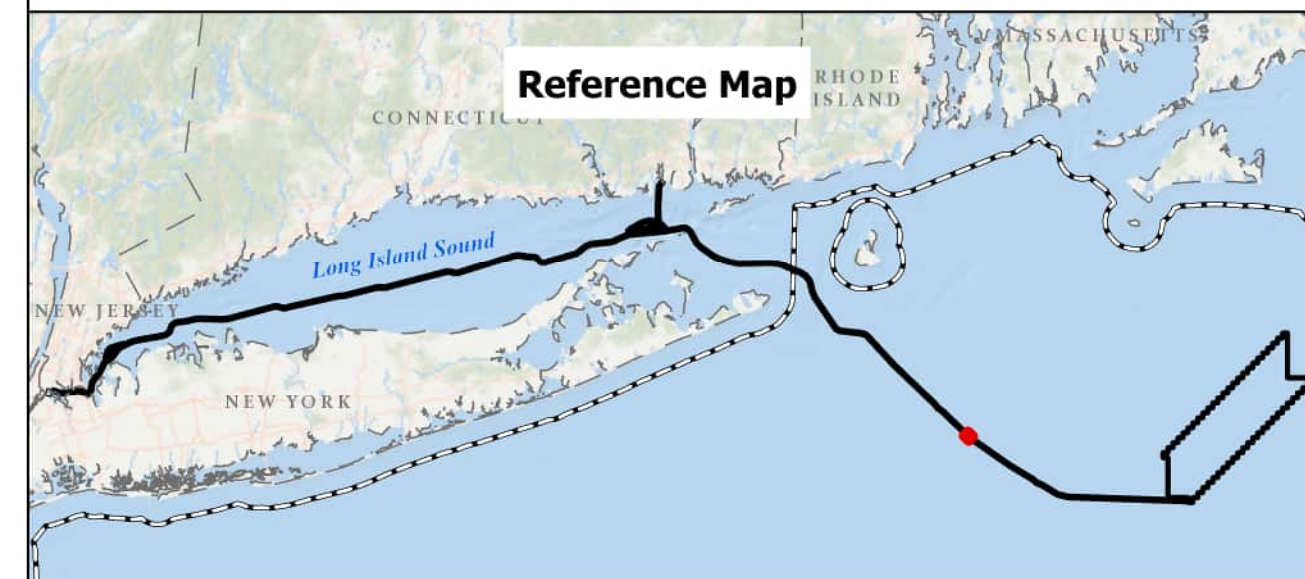
- | | |
|-----------------------------|---|
| Station Type | CMECS Geomorph |
| ✚ Grab and Video | ● Burrows/Bioturbation |
| ◆ SPI/PV | |
| CMECS Classification | Benthic Features |
| CMECS Biotic | ▨ Sand Ripples |
| ● Starfish Bed | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| CMECS Substrate | ■ Mud and Sandy Mud/Soft Bottom Habitat |
| ● Muddy Sand | ■ Sand and Muddy Sand/Soft Bottom Habitat |
| ● Sandy Mud | |

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



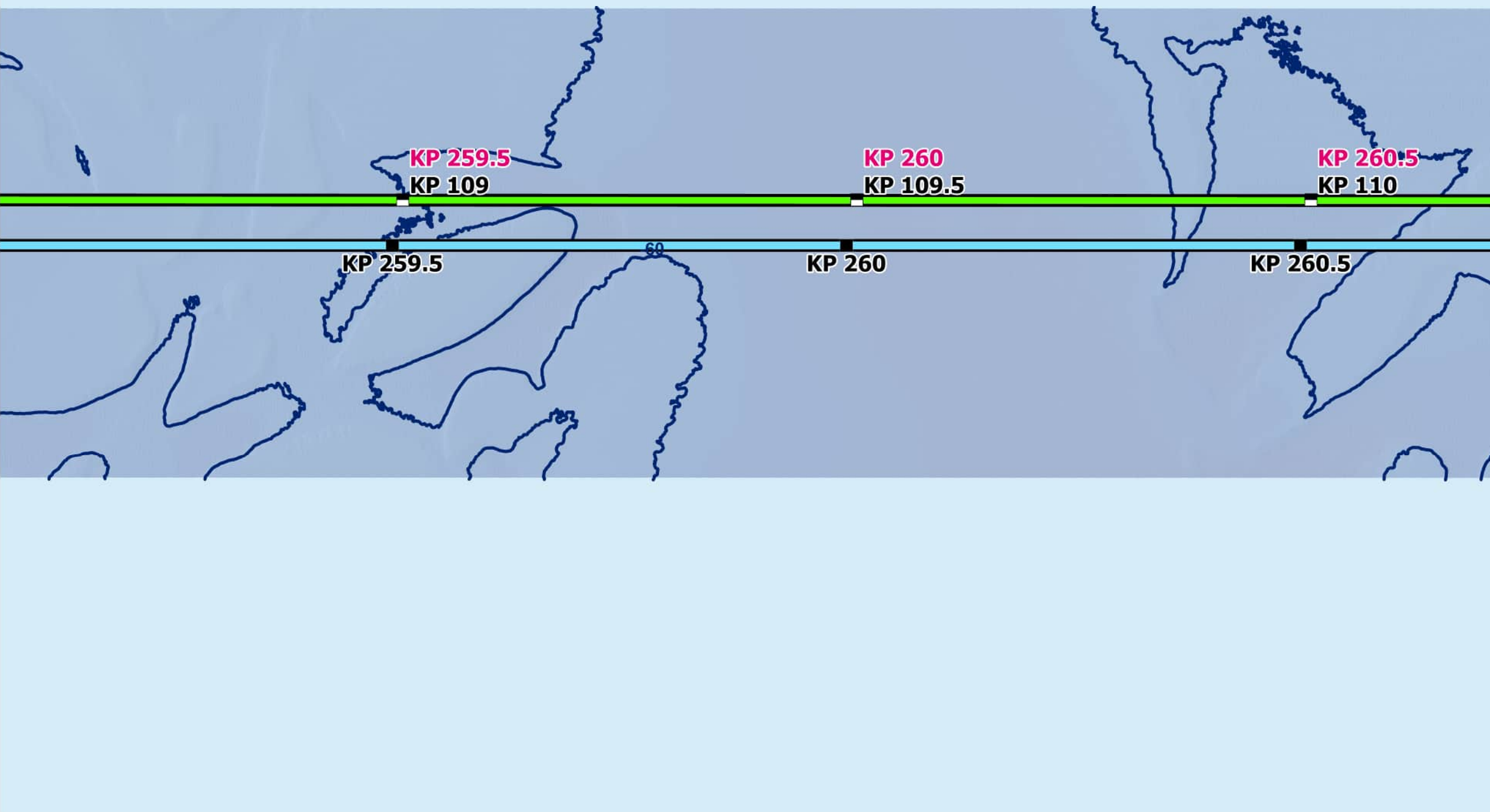
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 192

BW1 (NY) - KP 258 - KP 259
BW2 (NY) - KP 258 - KP 259
BW2 (CT) - KP 107.5 - KP 108.5

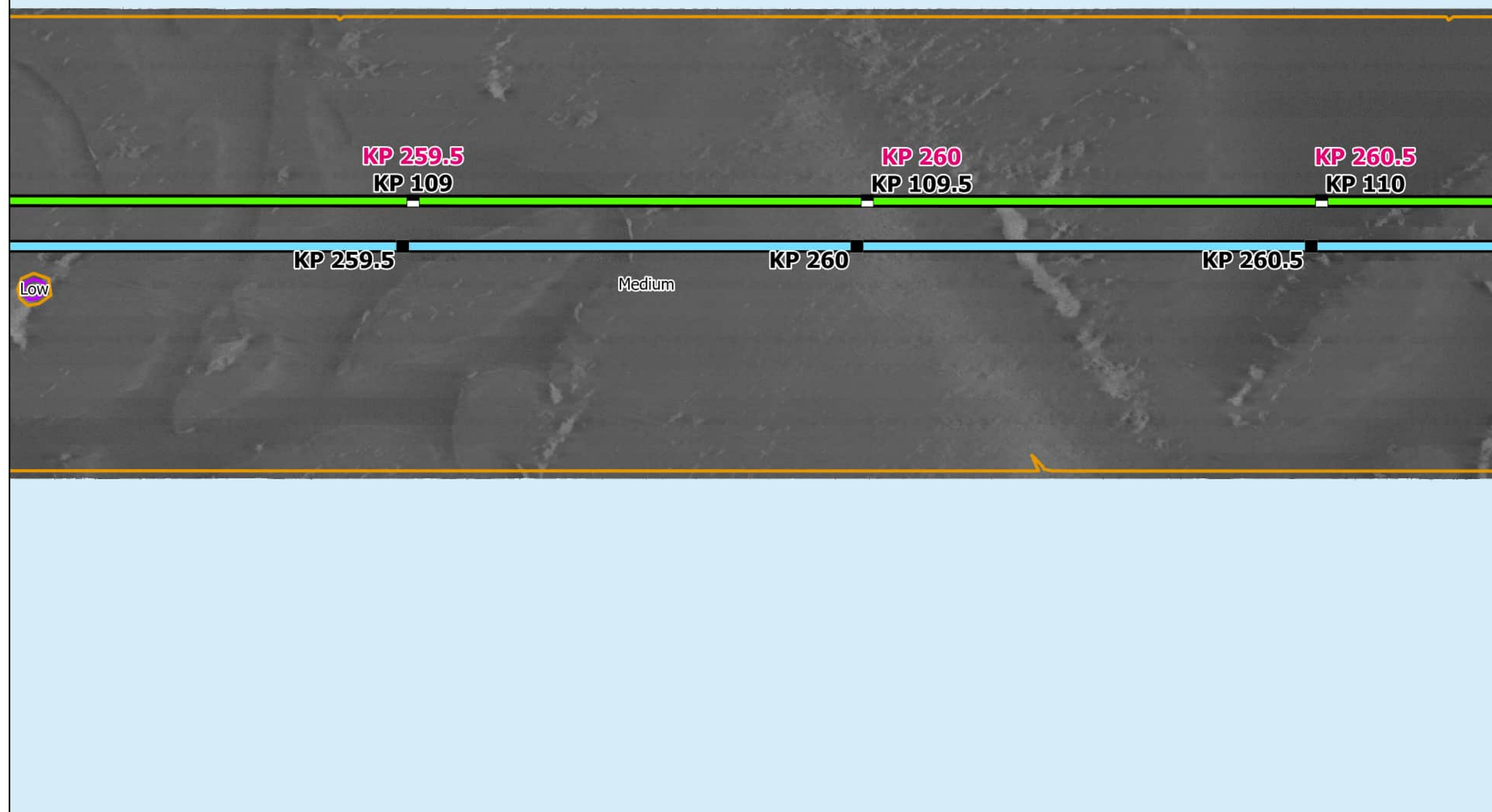
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



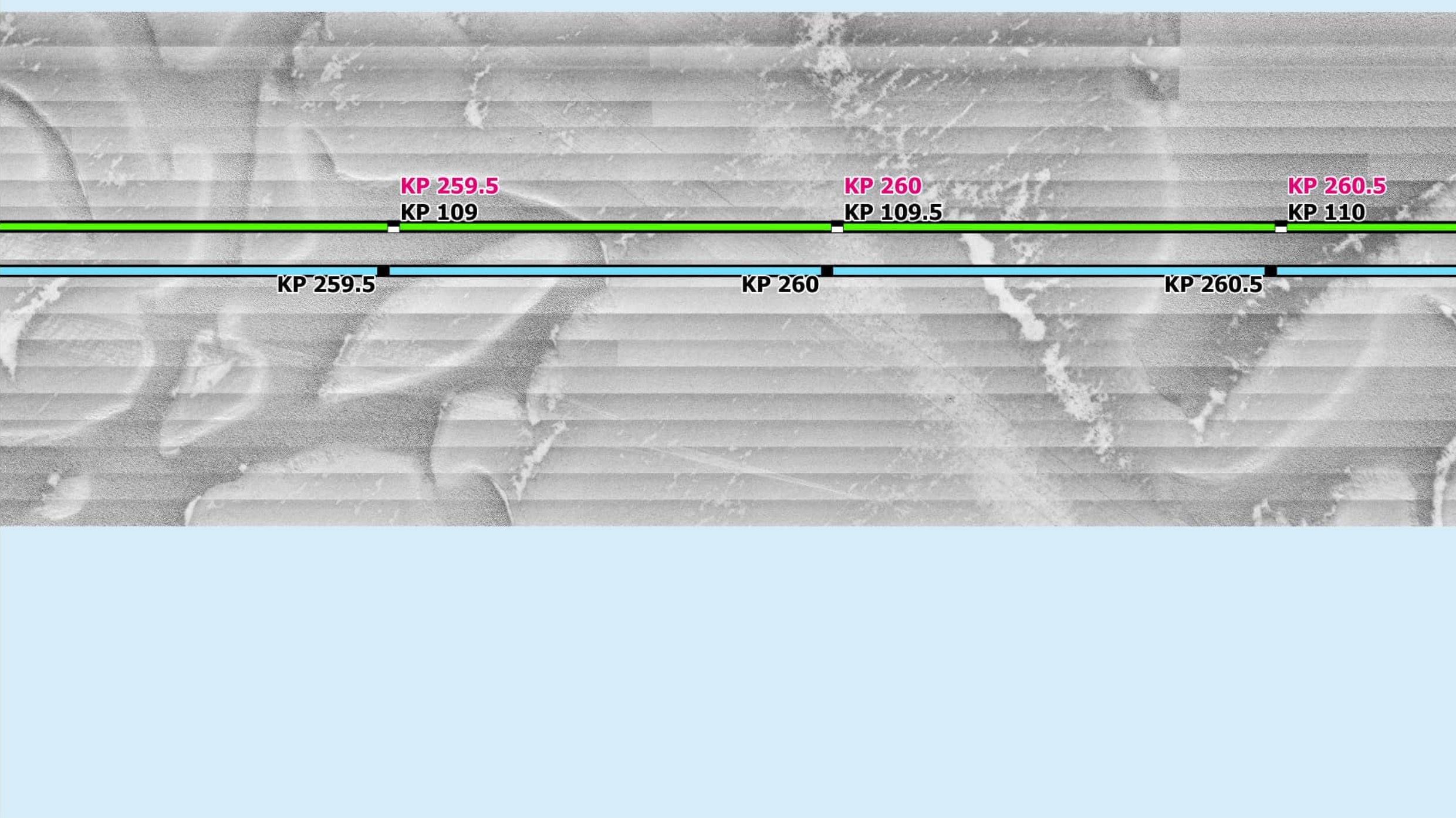
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



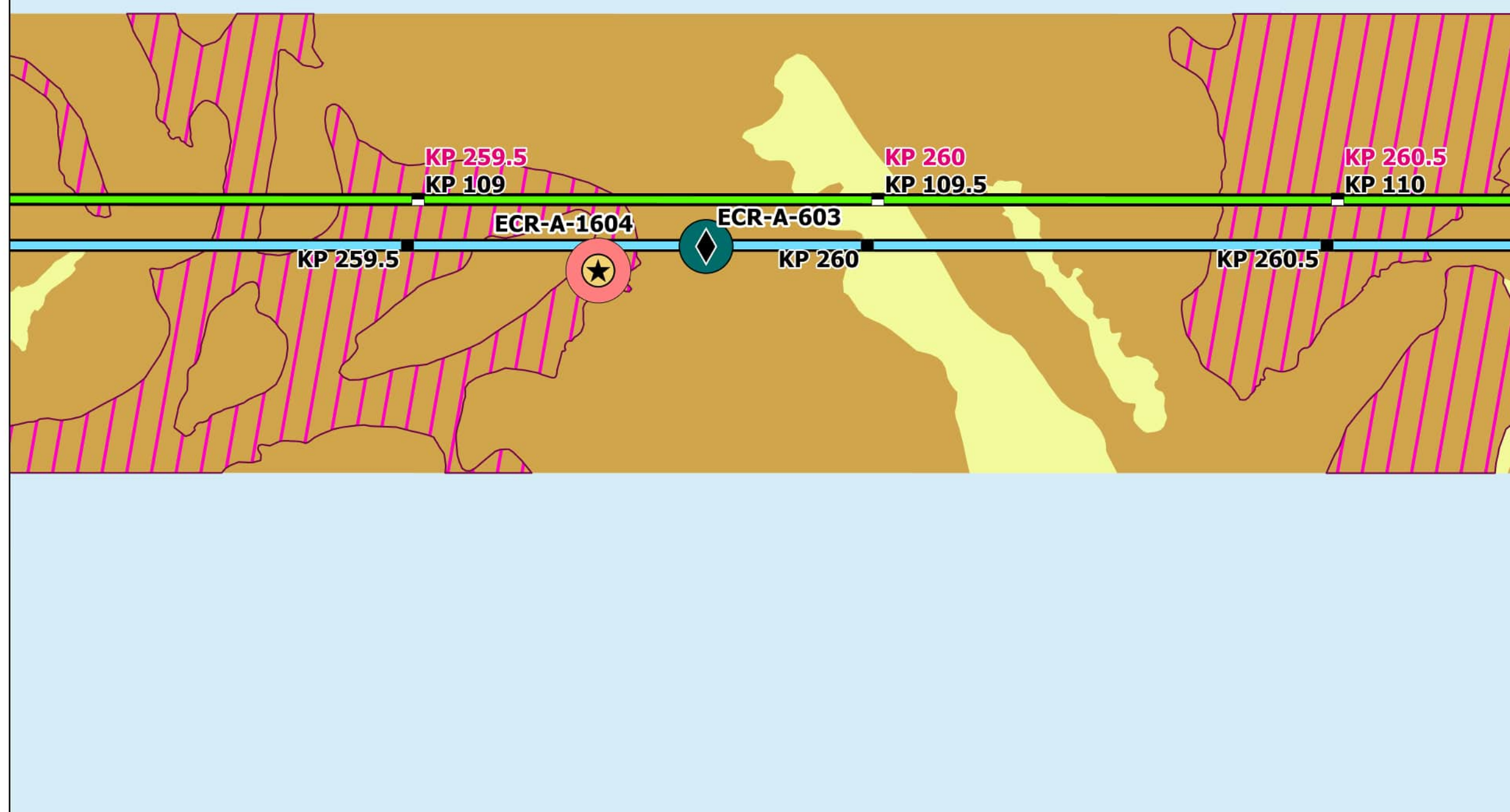
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

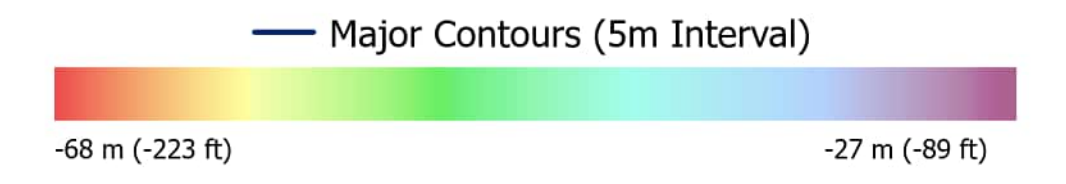


Map Book Package for Submarine Export Cable Route in Federal Waters



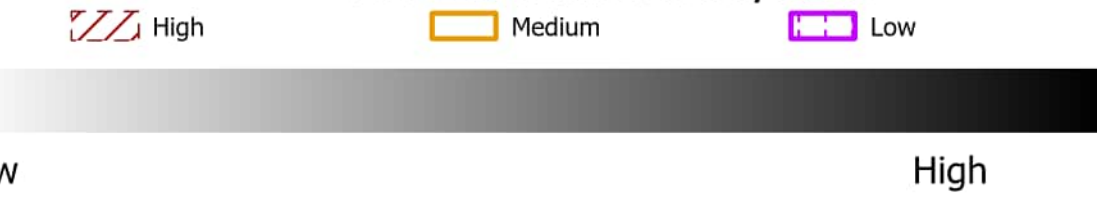
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar

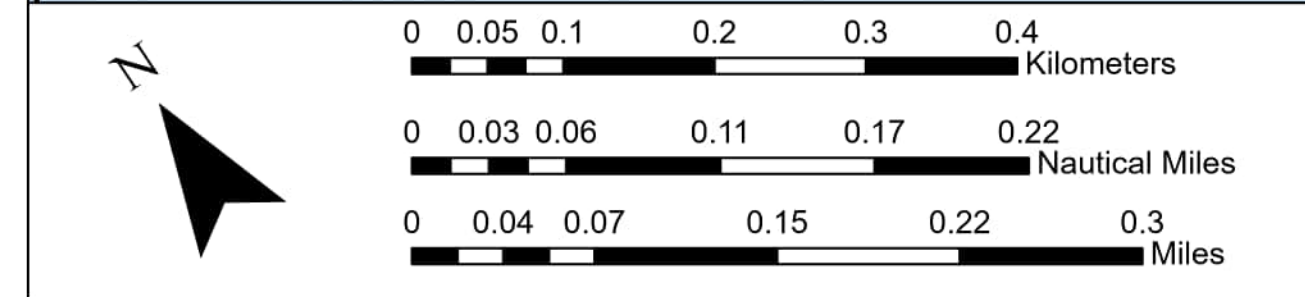
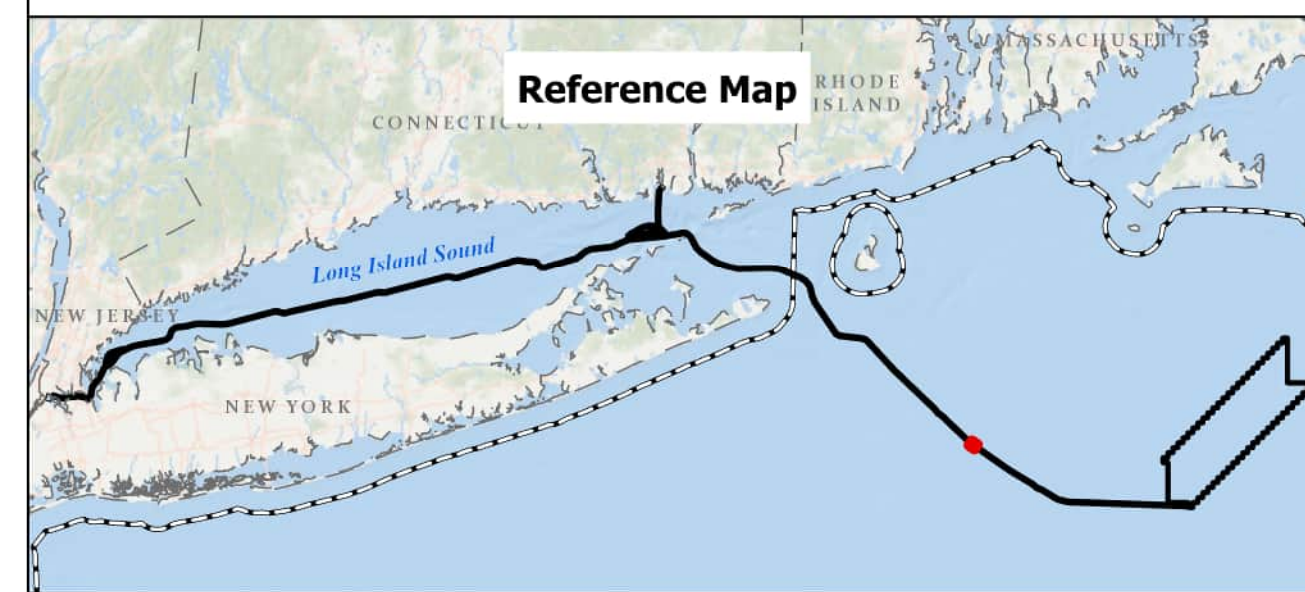


Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

- | | |
|-----------------------------|---|
| Station Type | CMECS Geoform |
| ◆ SPI/PV | ● Burrows/Bioturbation |
| ★ Video | |
| CMECS Classification | Benthic Features |
| CMECS Biotic | ▭ Sand Ripples |
| ● Soft Sediment Fauna | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| CMECS Substrate | ■ Mud and Sandy Mud/Soft Bottom Habitat |
| ● Sandy Mud | ■ Sand and Muddy Sand/Soft Bottom Habitat |

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



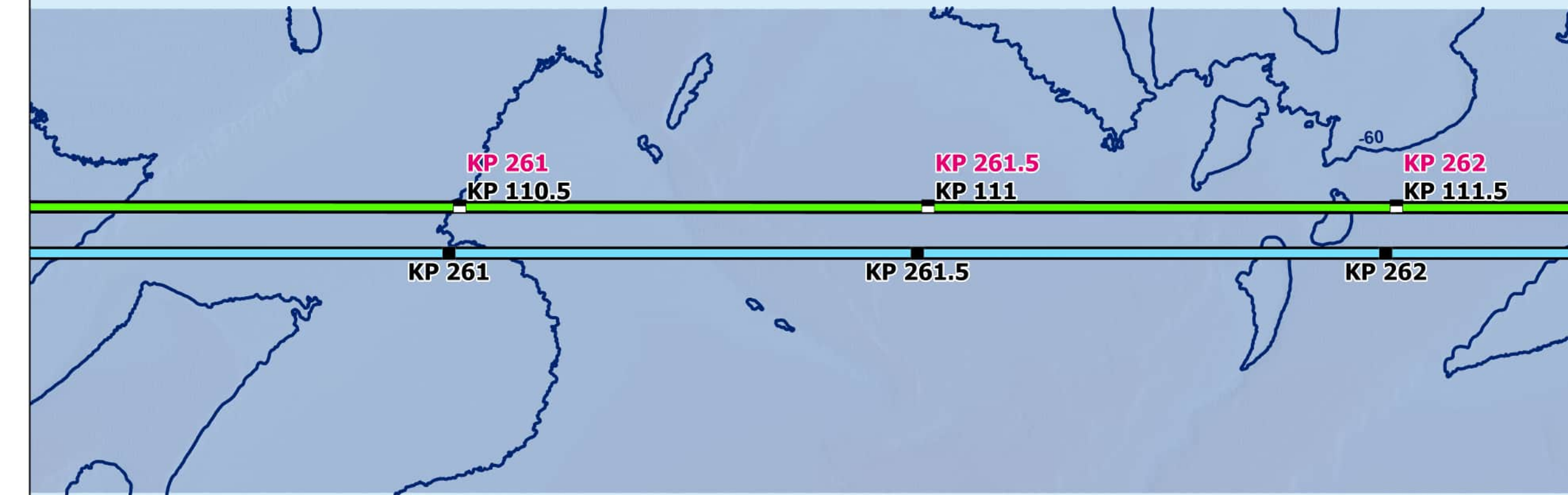
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 193

BW1 (NY) - KP 259.5 - KP 260.5
BW2 (NY) - KP 259.5 - KP 260.5
BW2 (CT) - KP 109 - KP 110

Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



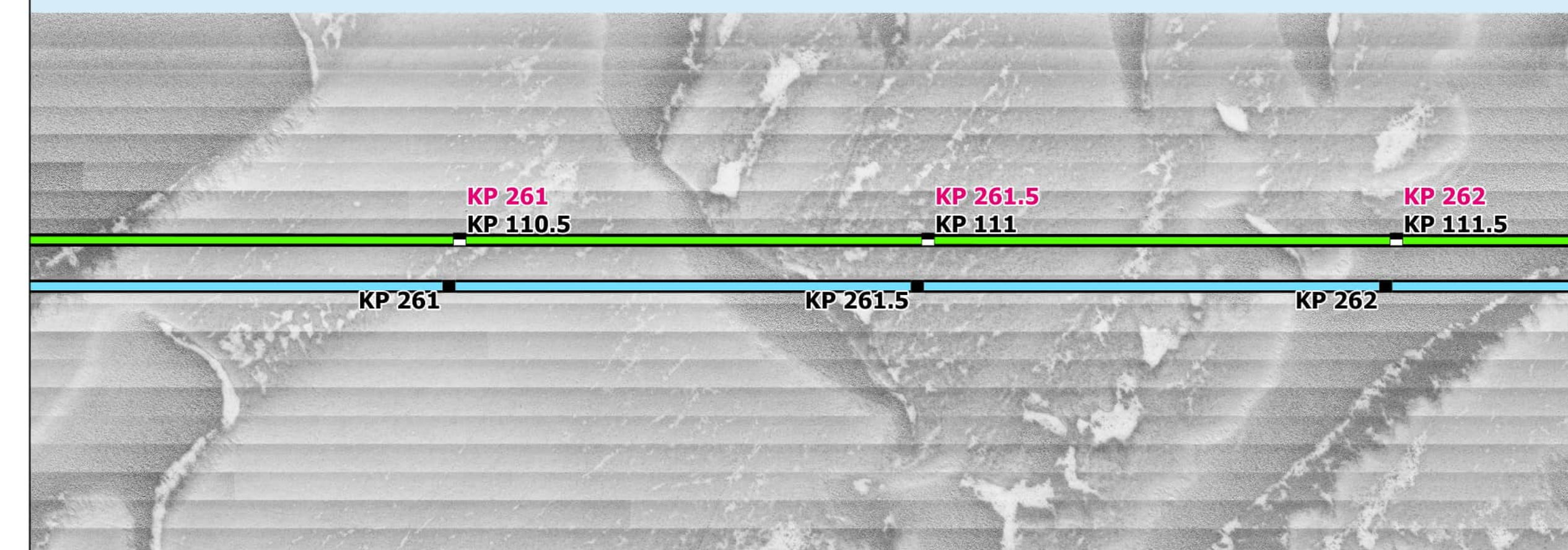
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



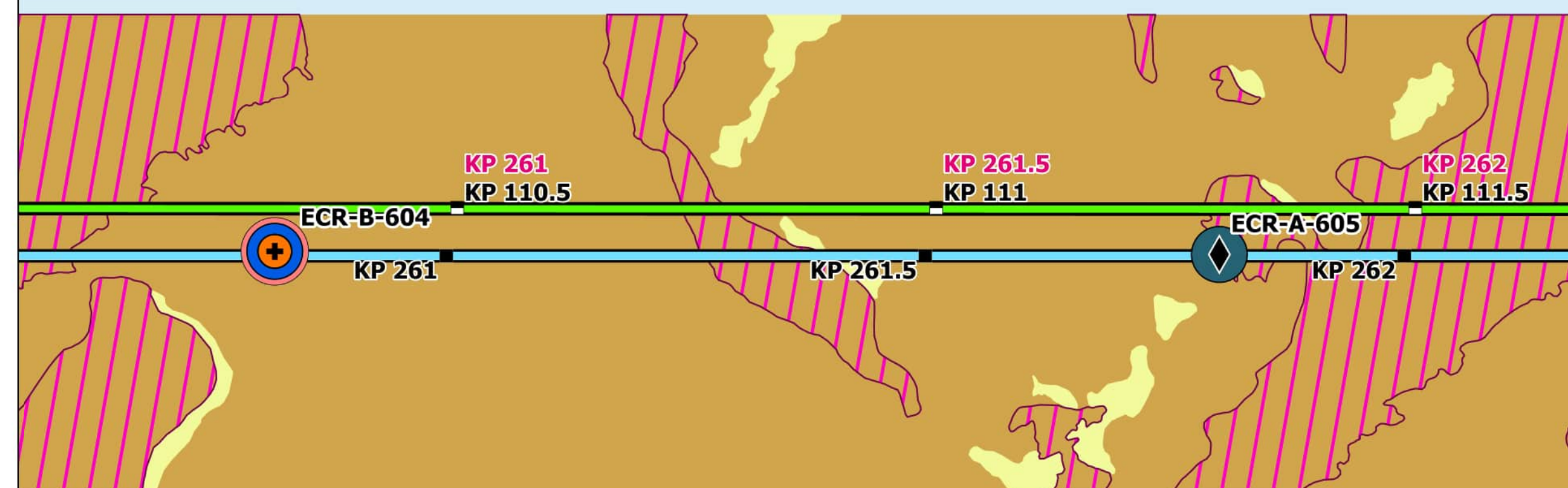
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

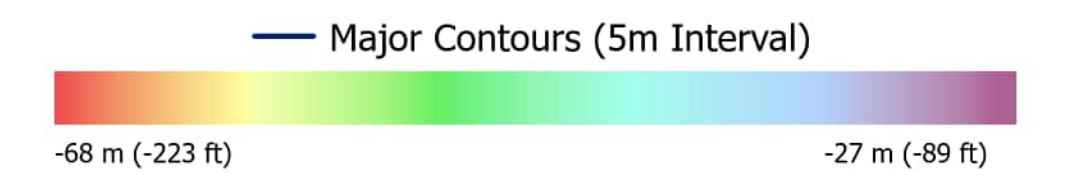


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

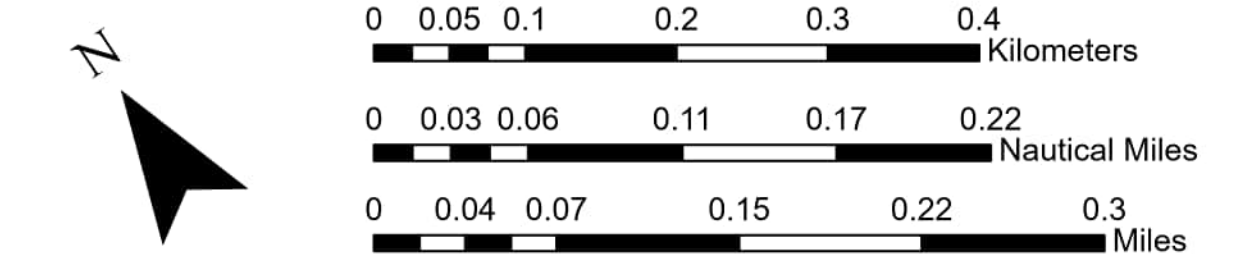
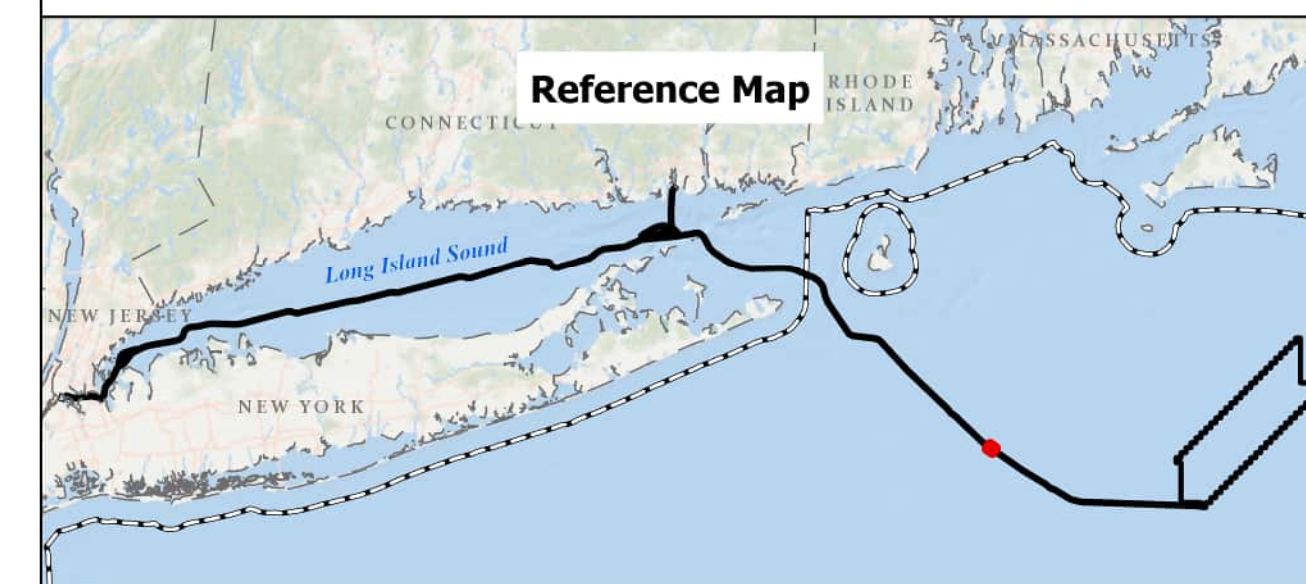
- | | |
|-----------------------------|---|
| Station Type | CMECS Geomorph |
| ✚ Grab and Video | ● Burrows/Bioturbation |
| ◆ SPI/PV | ▨ Sand Ripples |
| CMECS Classification | Benthic Features |
| CMECS Biotic | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| ● Starfish Bed | ■ Mud and Sandy Mud/Soft Bottom Habitat |
| CMECS Substrate | ■ Sand and Muddy Sand/Soft Bottom Habitat |
| ● Muddy Sand | |
| ● Sand | |

Note: 1) Legend only shows items visible in the current map extent.

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Date: 2/28/2023

Scale: 1:5,000



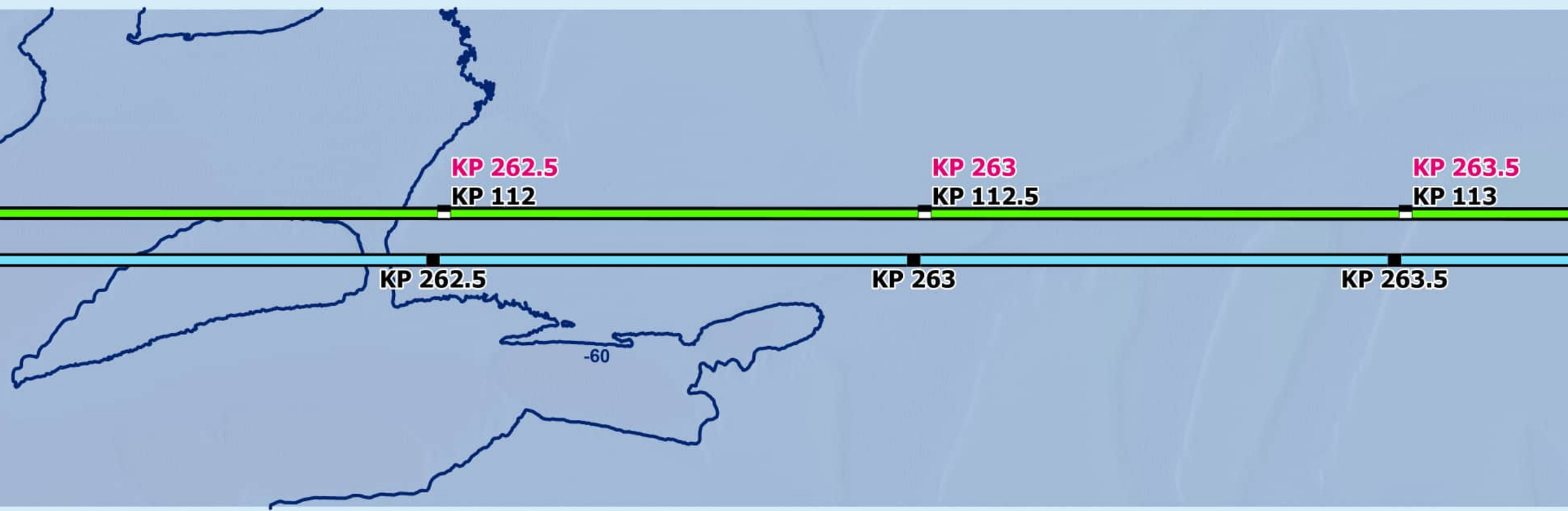
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 194

BW1 (NY) - KP 261 - KP 262
BW2 (NY) - KP 261 - KP 262
BW2 (CT) - KP 110.5 - KP 111.5

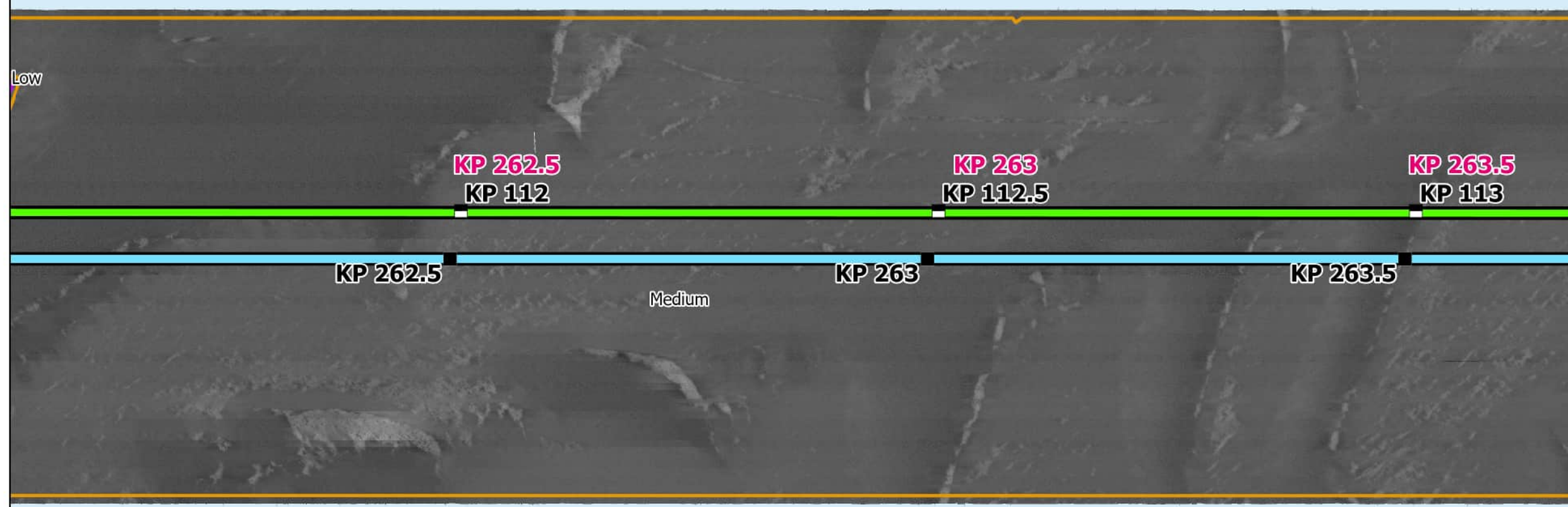
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



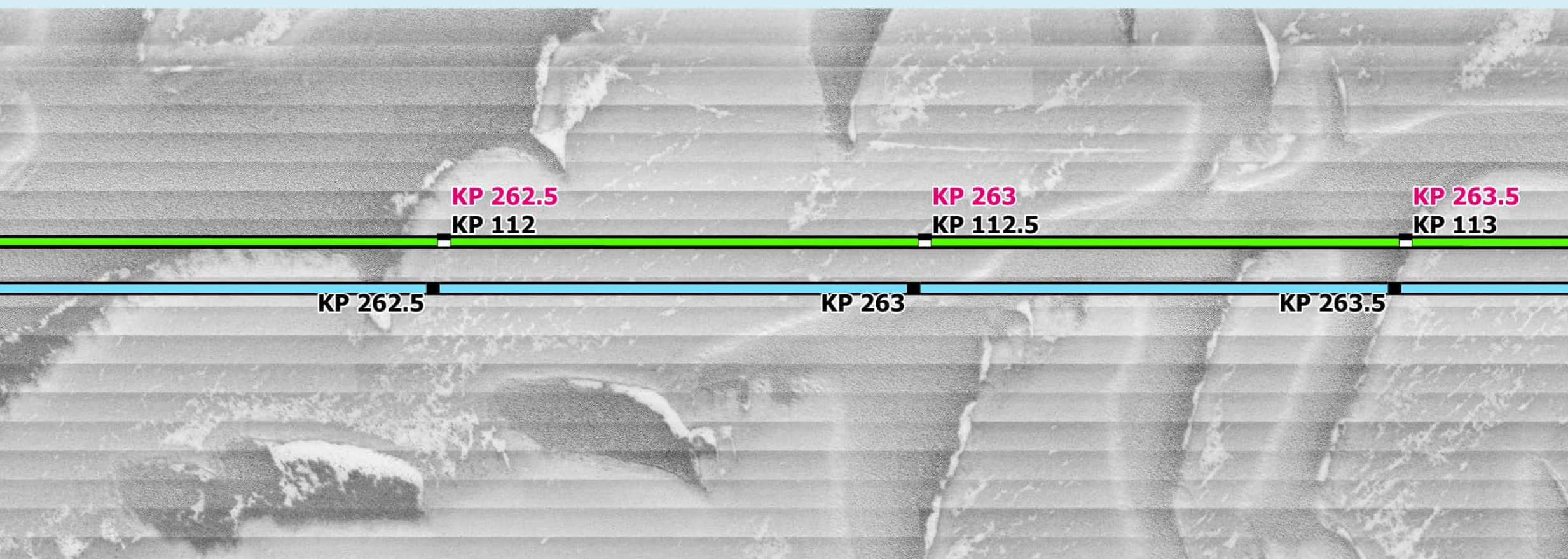
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



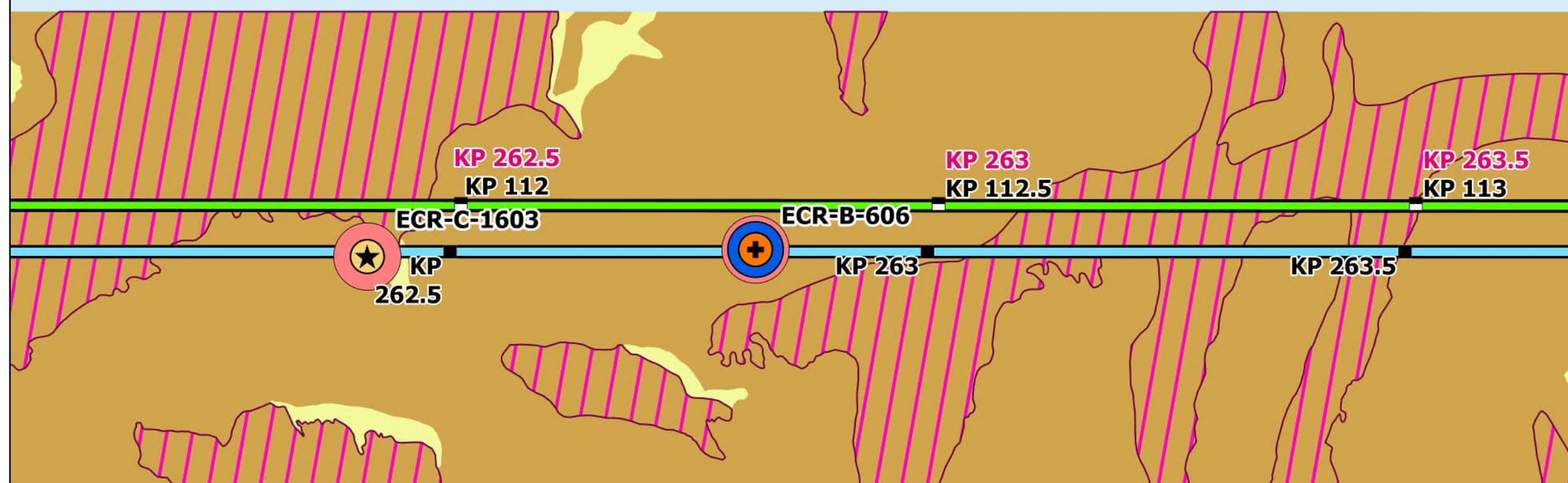
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

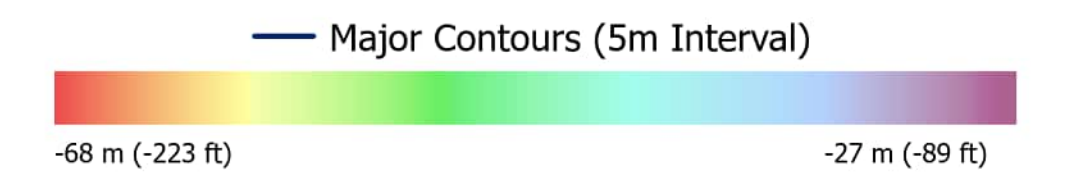


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

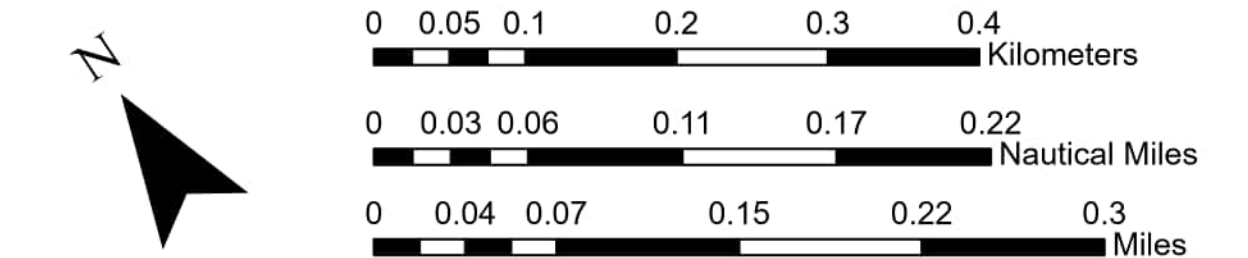
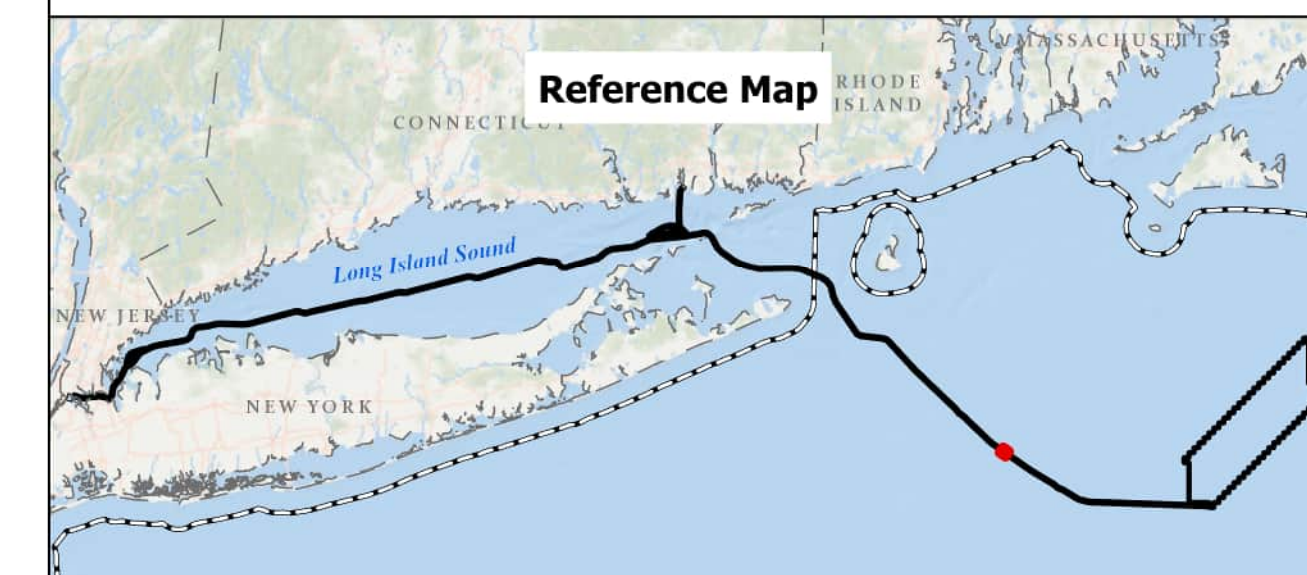
- Station Type**
 - ✚ Grab and Video
 - ★ Video
- CMECS Biotic**
 - Soft Sediment Fauna
 - Starfish Bed
- CMECS Substrate**
 - Muddy Sand
- CMECS Geofom**
 - Burrows/Bioturbation
- Benthic Features**
 - ▭ Sand Ripples
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



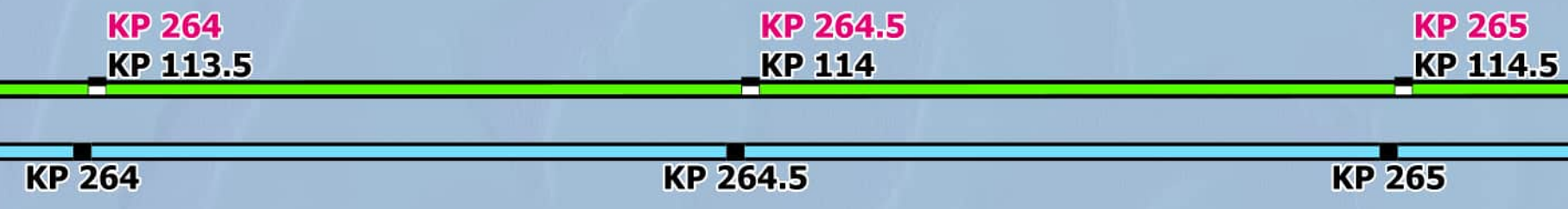
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 195

BW1 (NY) - KP 262.5 - KP 263.5
BW2 (NY) - KP 262.5 - KP 263.5
BW2 (CT) - KP 112 - KP 113

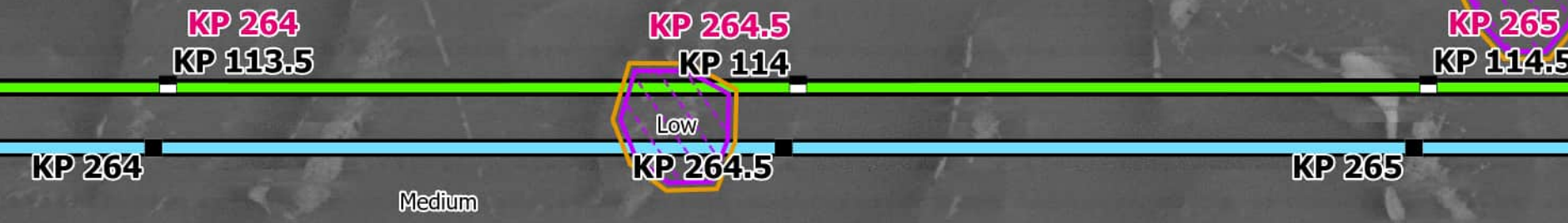
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



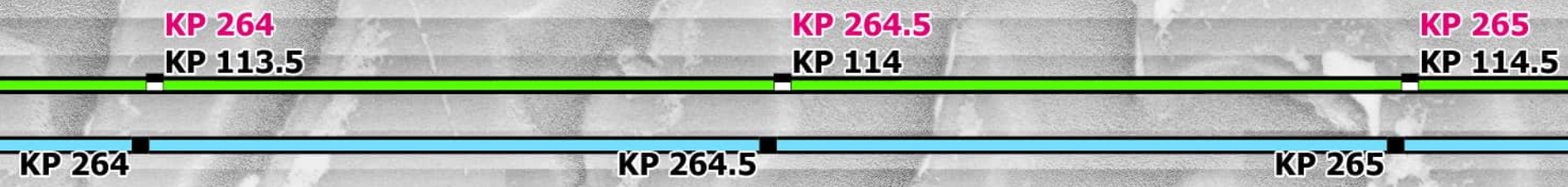
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



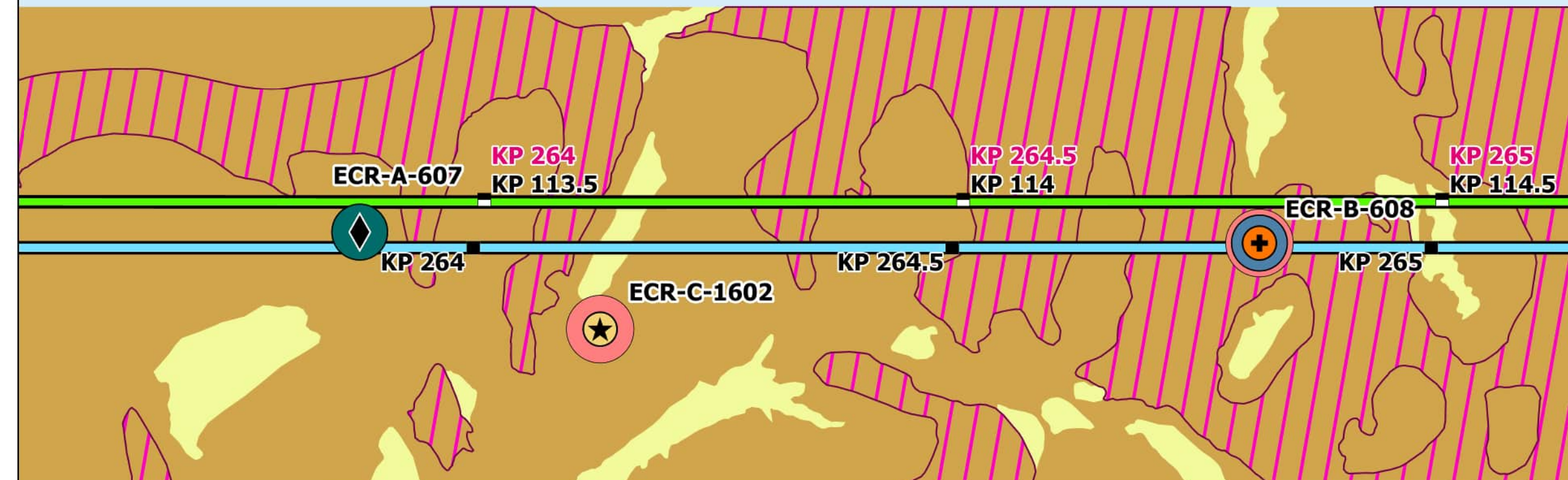
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters

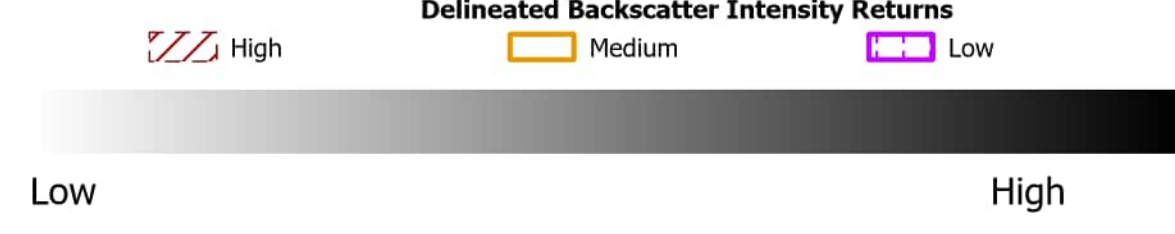


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



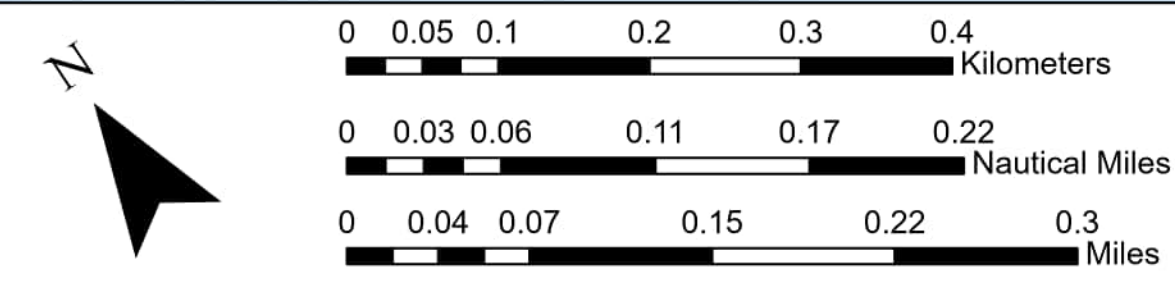
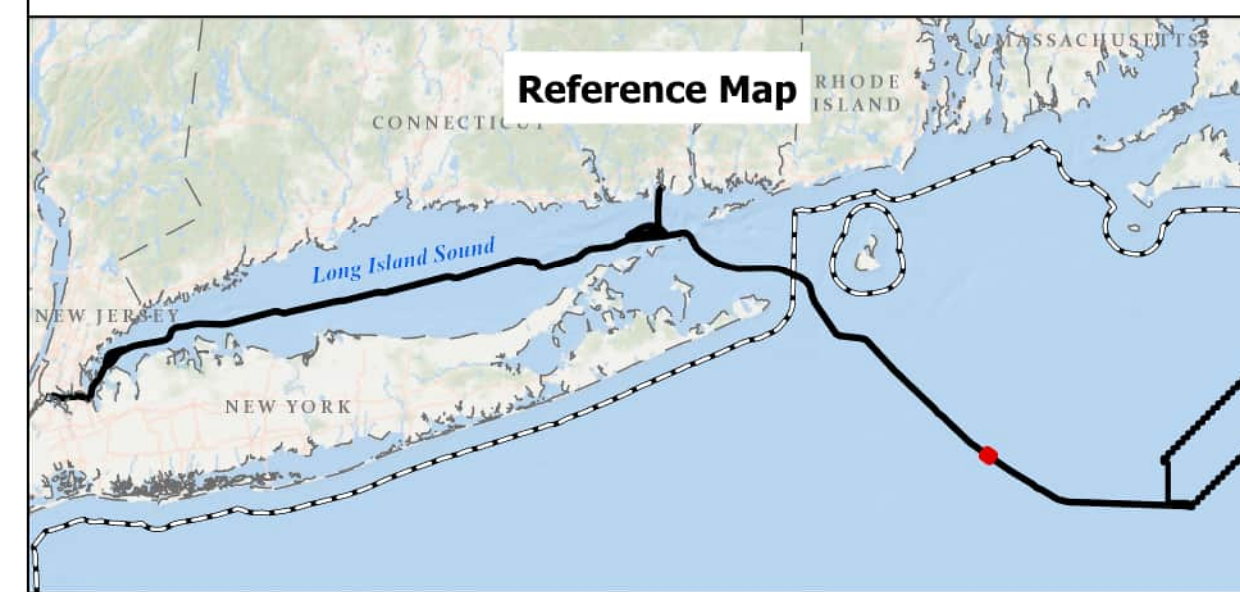
Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ✚ Grab and Video
 - ◆ SPI/PV
 - ★ Video
 - CMECS Classification**
 - Soft Sediment Fauna
 - Starfish Bed
 - CMECS Substrate
 - Medium Sand
 - Benthic Features**
 - Sandy Mud
 - Burrows/Bioturbation
 - Sand Ripples
 - Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat
- Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



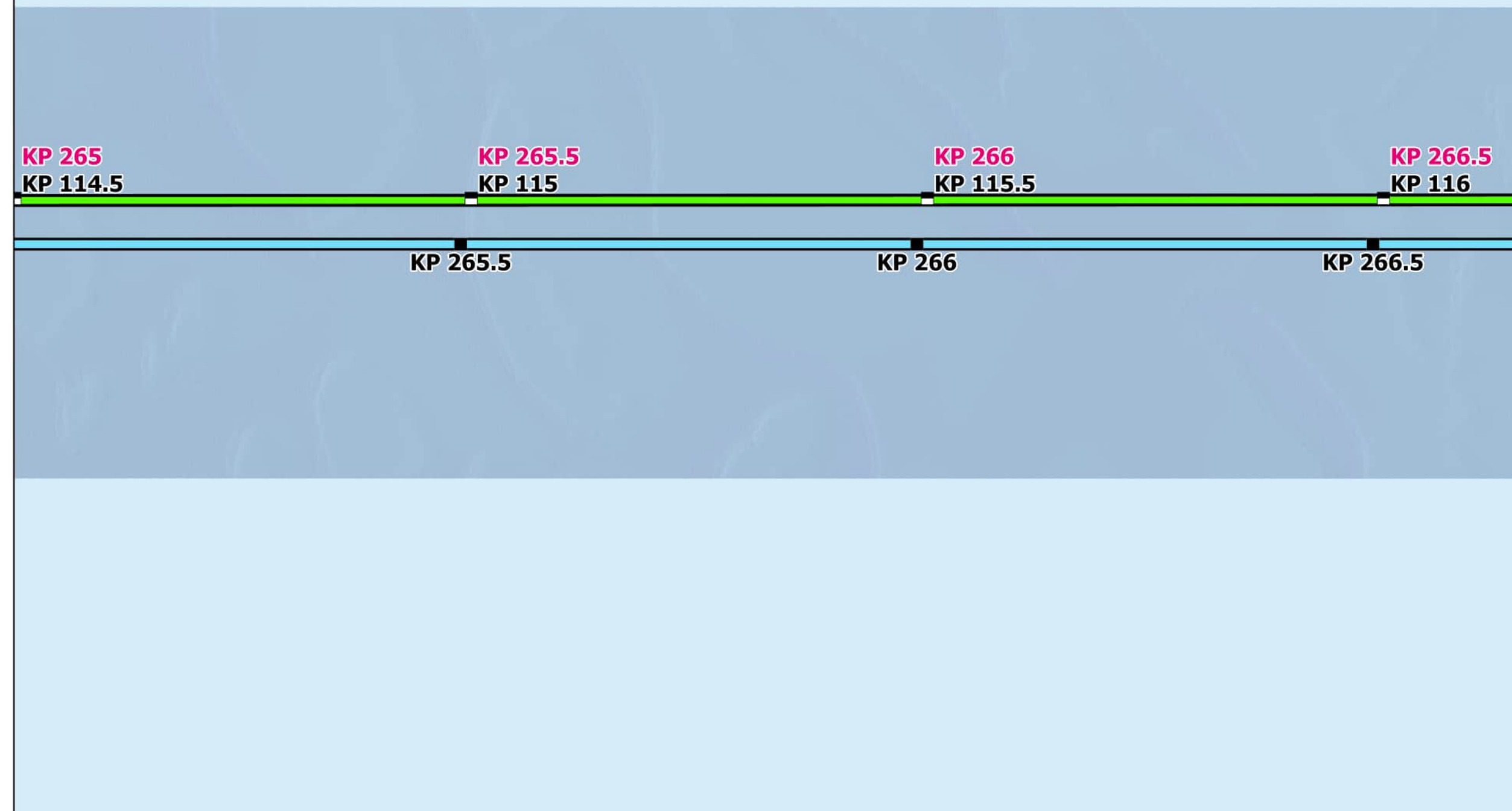
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 196

BW1 (NY) - KP 264 - KP 265
BW2 (NY) - KP 264 - KP 265
BW2 (CT) - KP 113.5 - KP 114.5

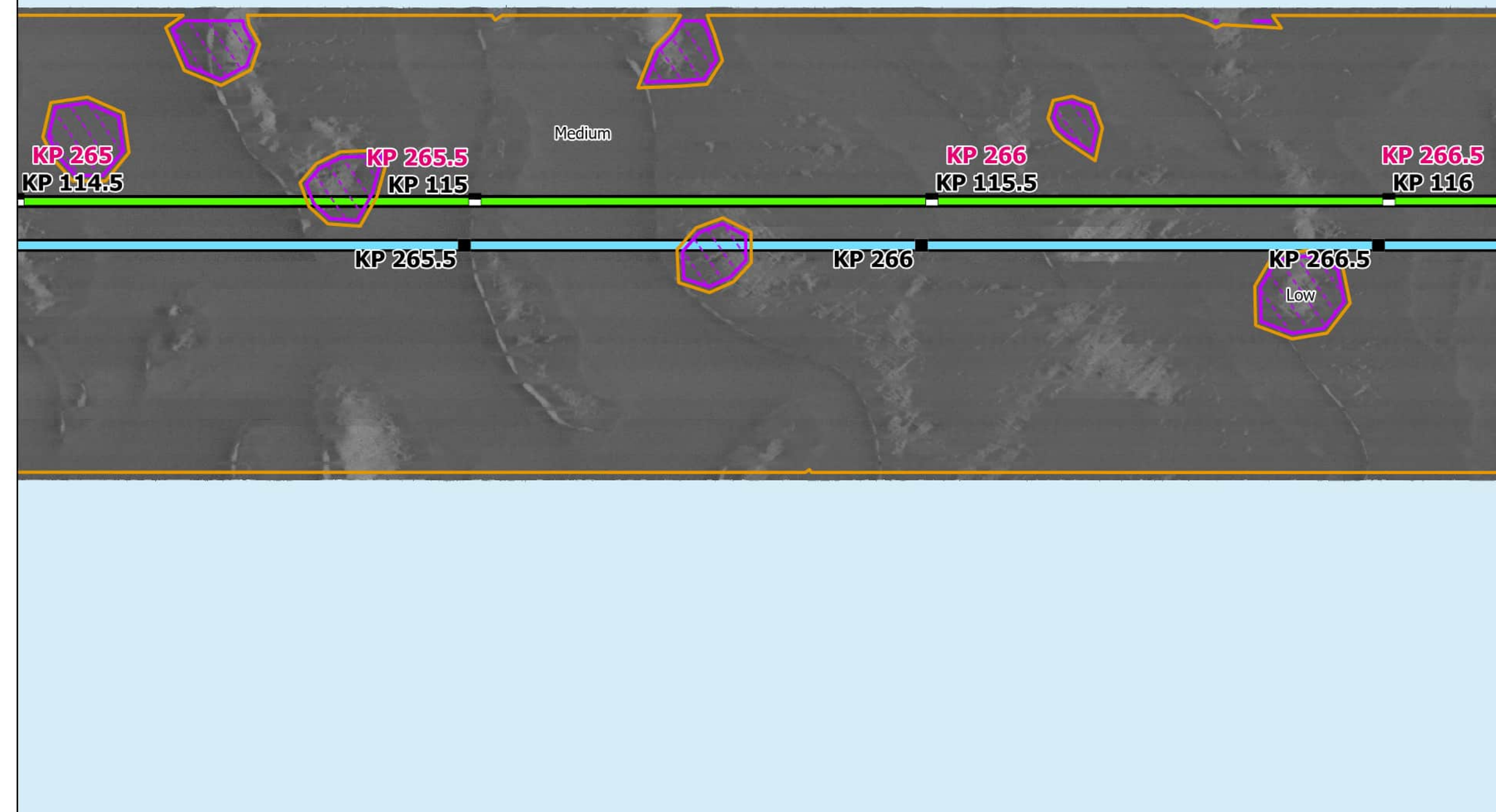
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



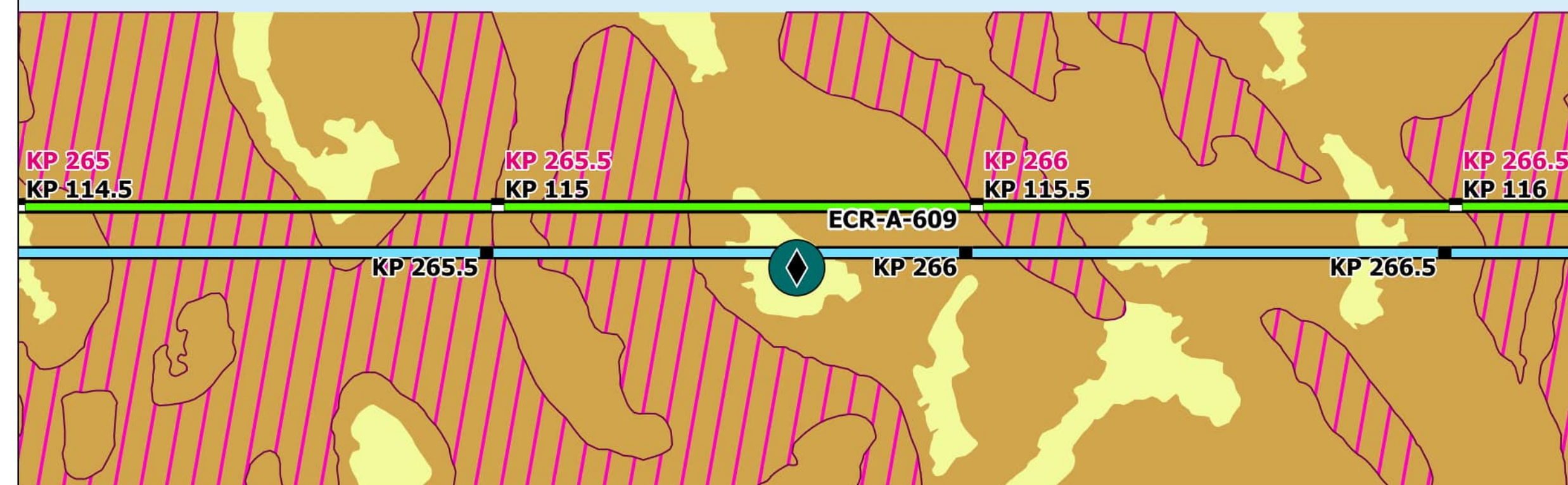
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

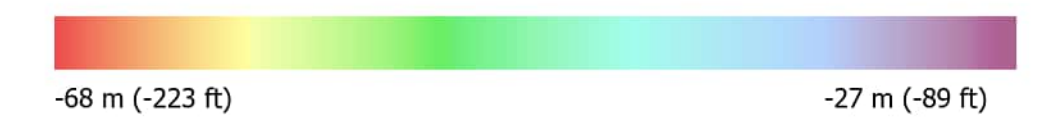


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

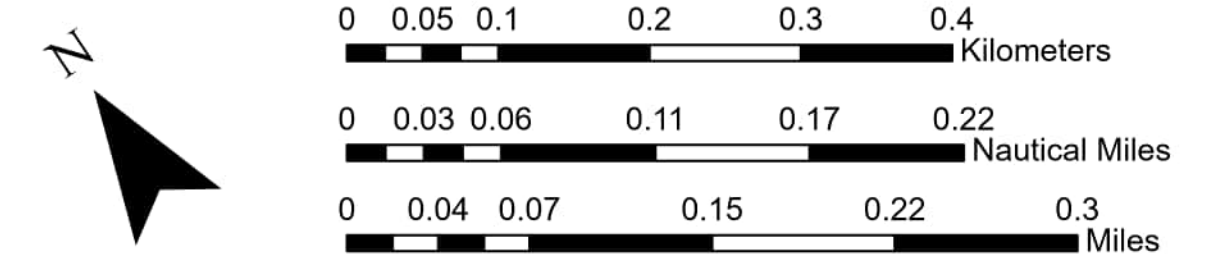
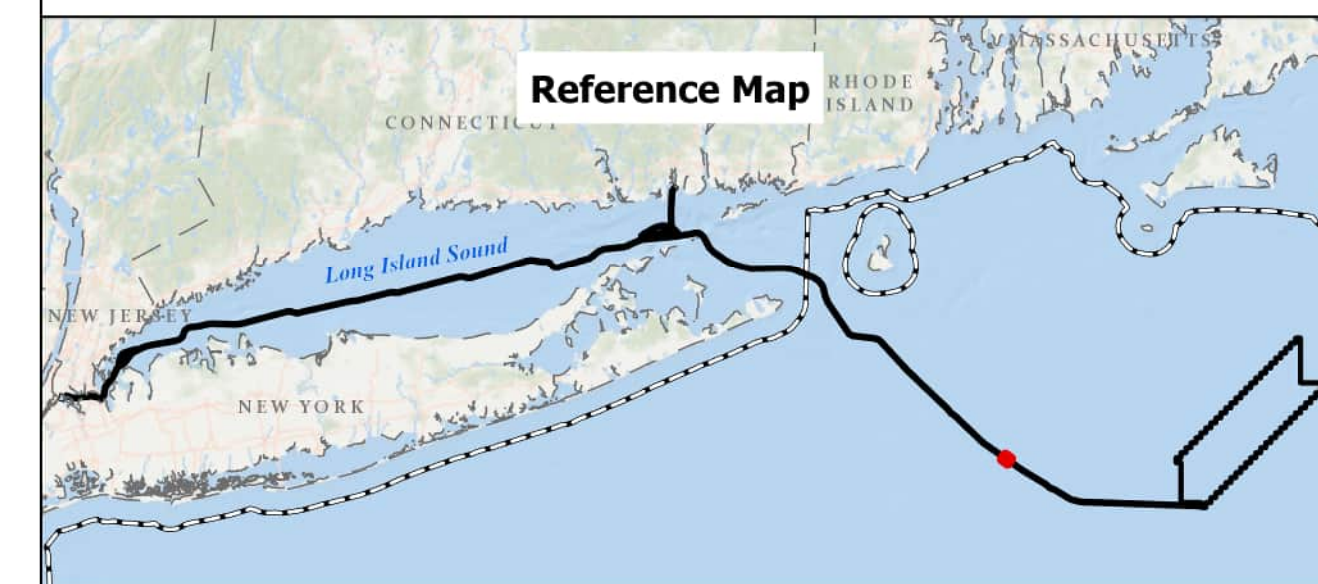
- Station Type**
 - ◆ SPI/PV
- CMECS Substrate**
 - Sandy Mud
- Benthic Features**
 - ▭ Sand Ripples
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



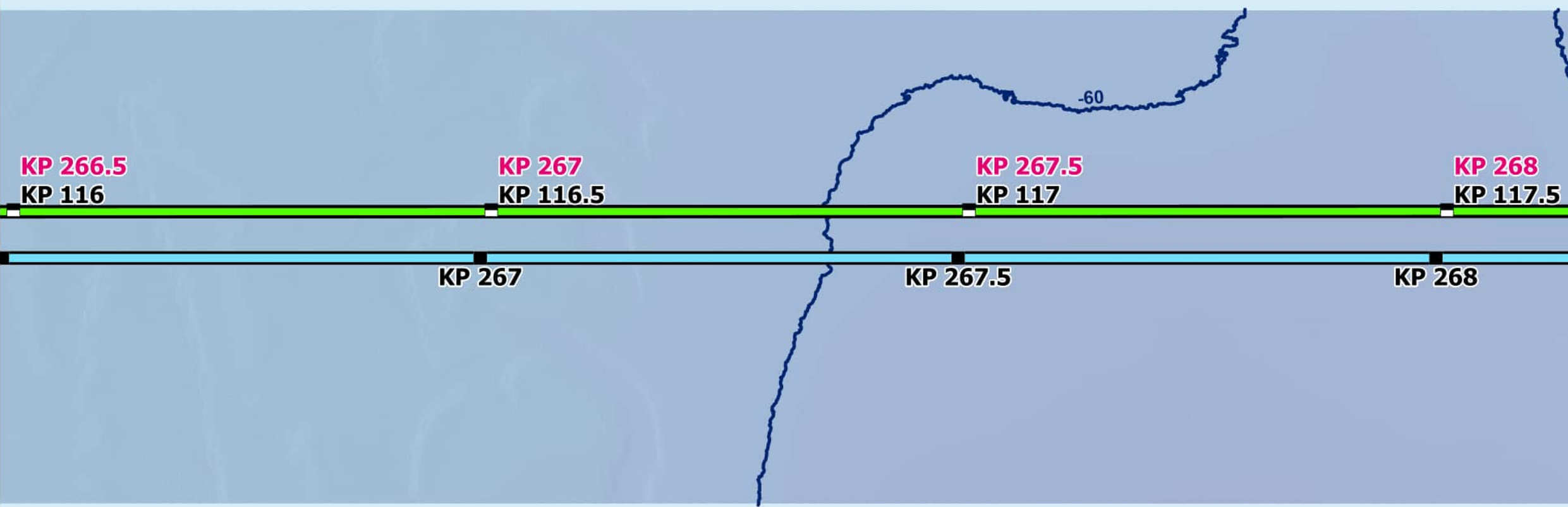
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 197

BW1 (NY) - KP 265 - KP 266.5
BW2 (NY) - KP 265 - KP 266.5
BW2 (CT) - KP 114.5 - KP 116

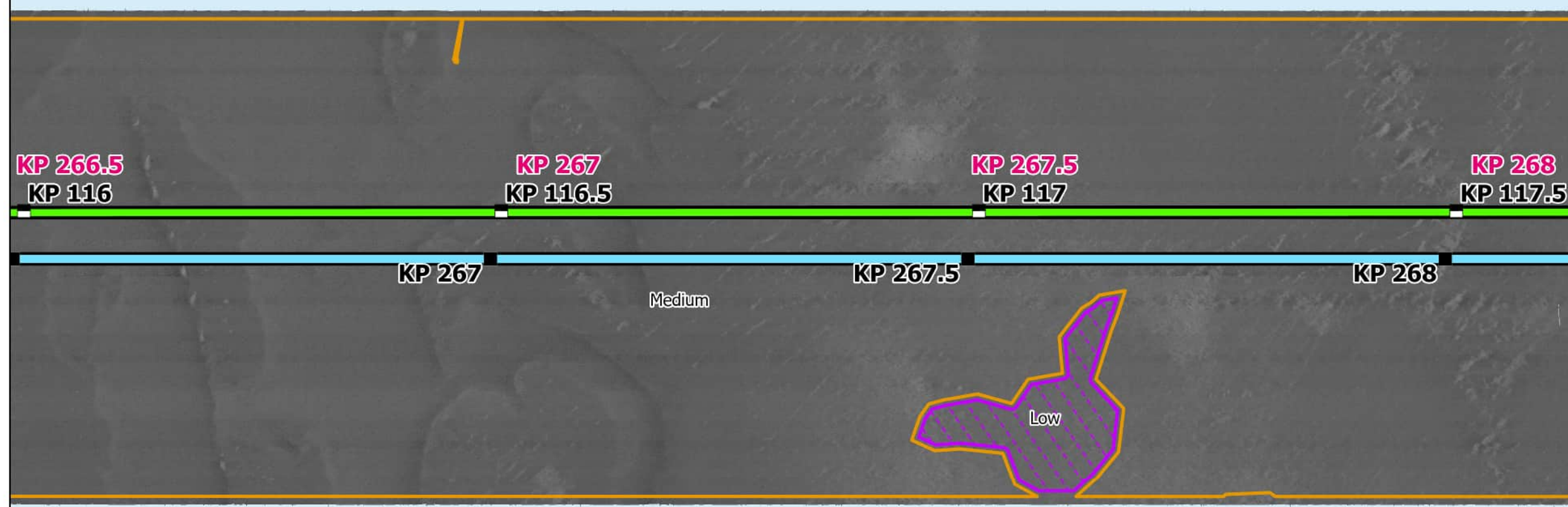
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



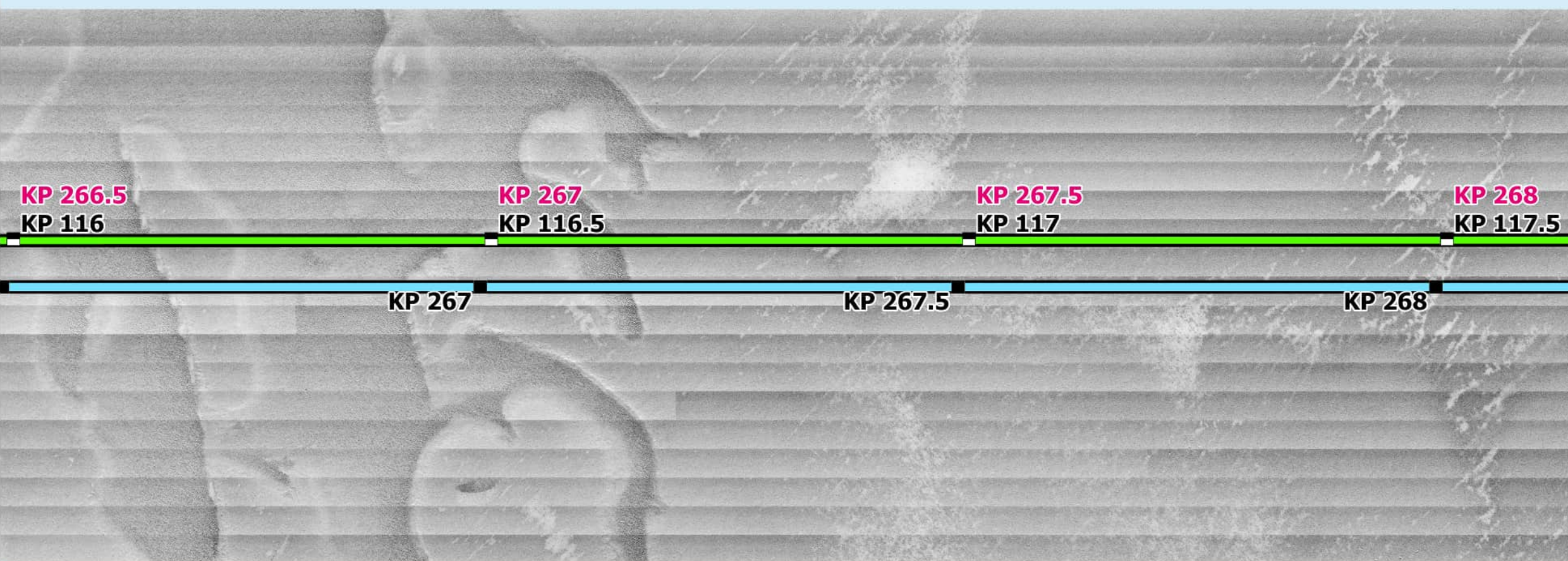
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



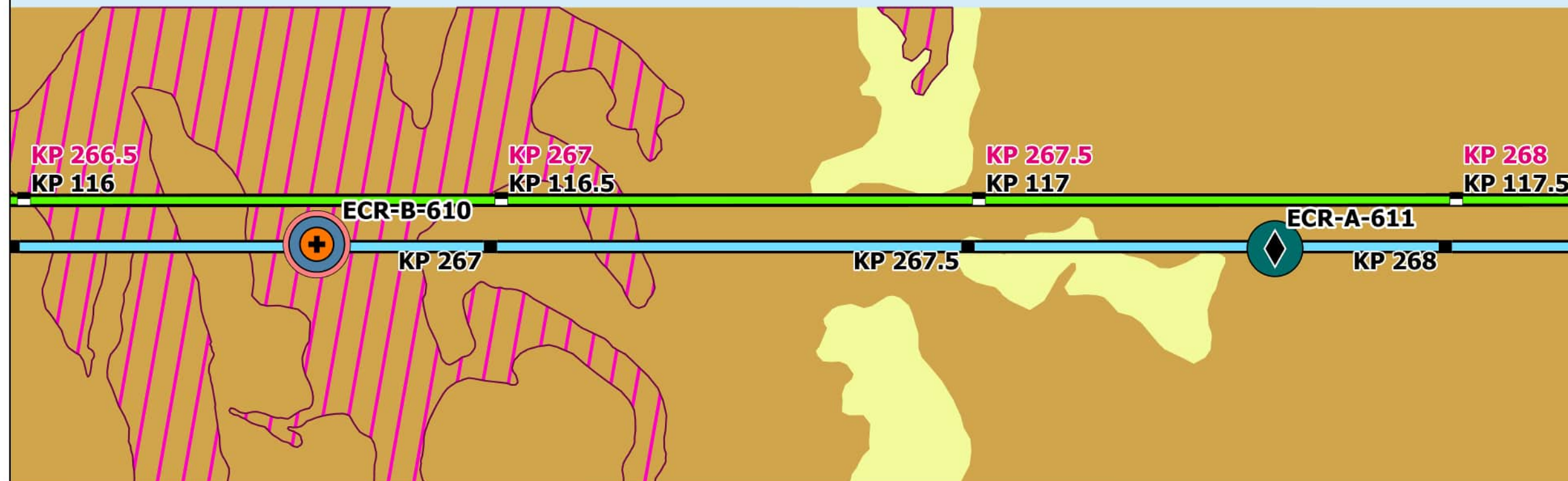
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

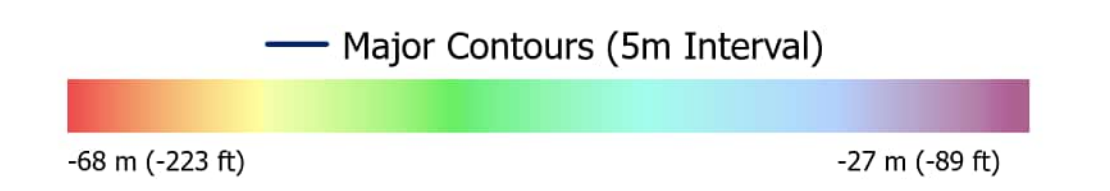


Map Book Package for Submarine Export Cable Route in Federal Waters

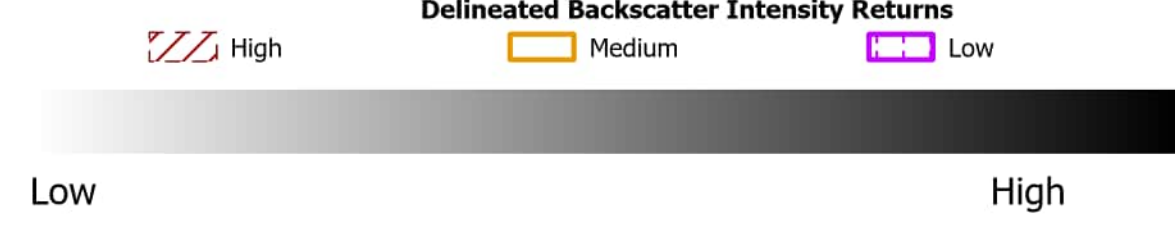


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



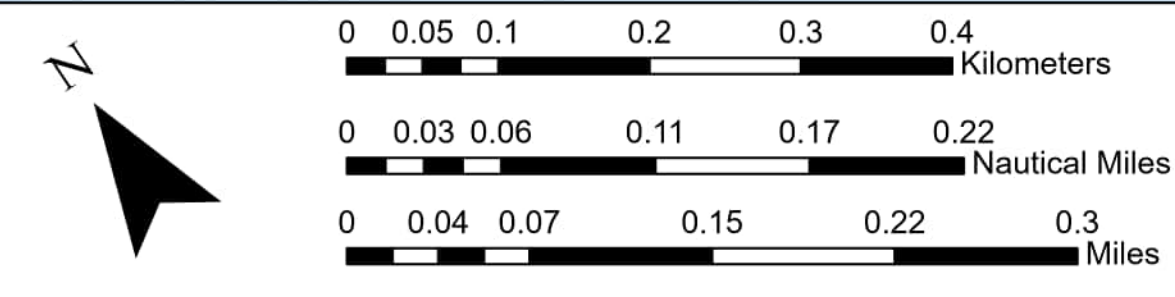
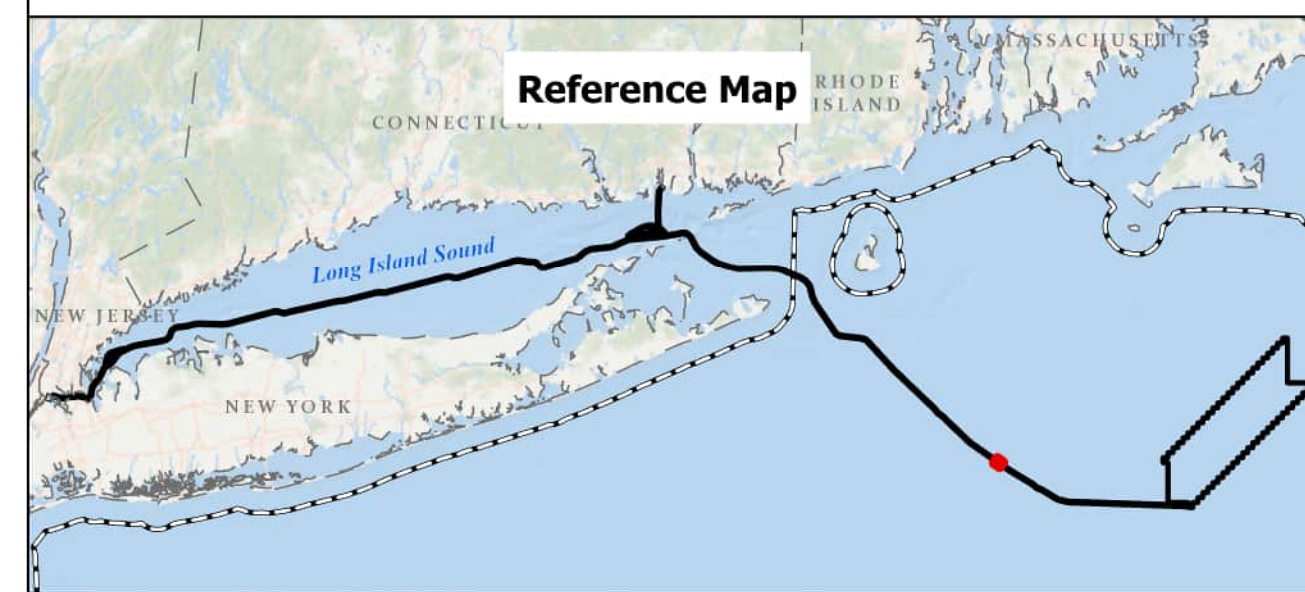
Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ✚ Grab and Video
 - ◆ SPI/PV
 - CMECS Classification**
 - Starfish Bed
 - Medium Sand
 - Sandy Mud
 - CMECS Geomorph**
 - Burrows/Bioturbation
 - Benthic Features**
 - ▨ Sand Ripples
 - Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat
- Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 198

BW1 (NY) - KP 266.5 - KP 268
BW2 (NY) - KP 266.5 - KP 268
BW2 (CT) - KP 116 - KP 177.5

Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



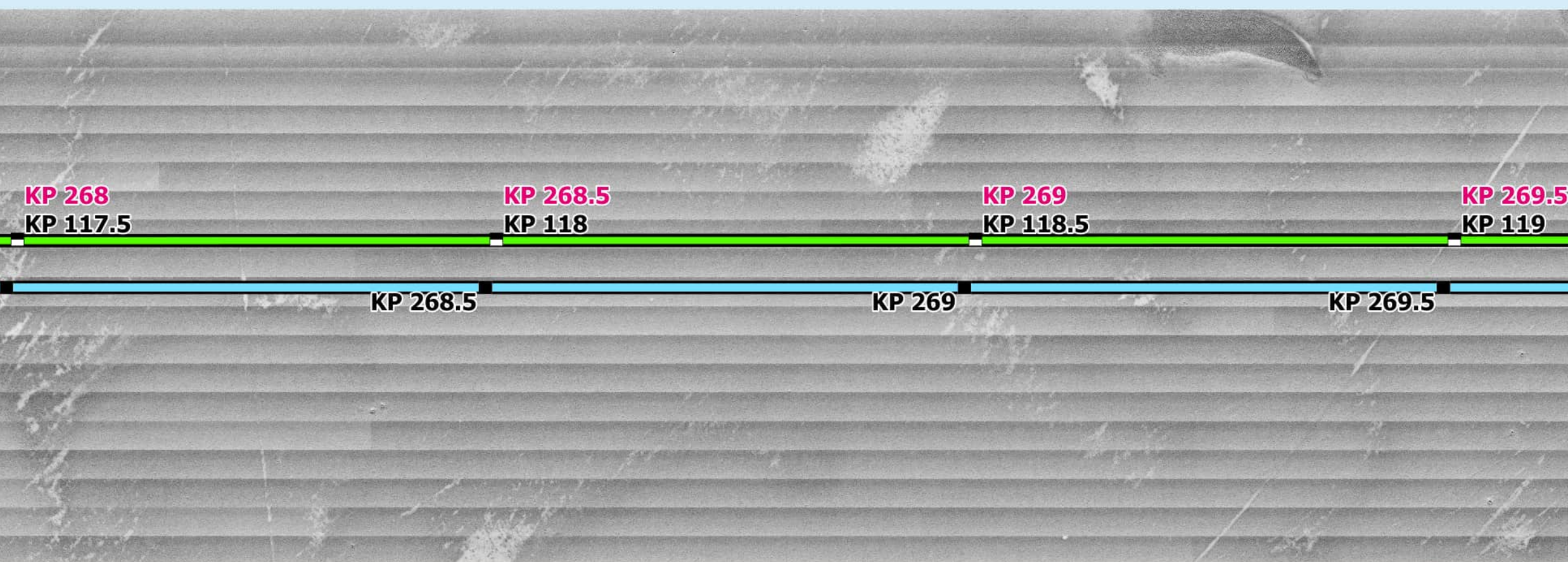
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

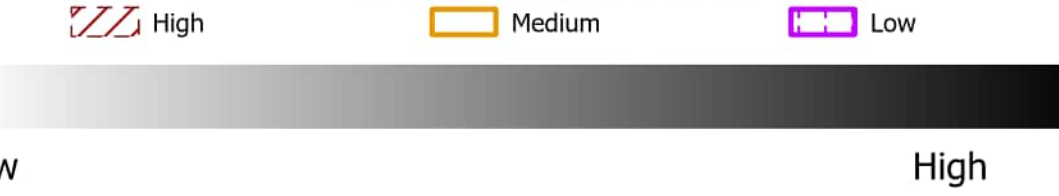
Bathymetry (MLLW)

Major Contours (5m Interval)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

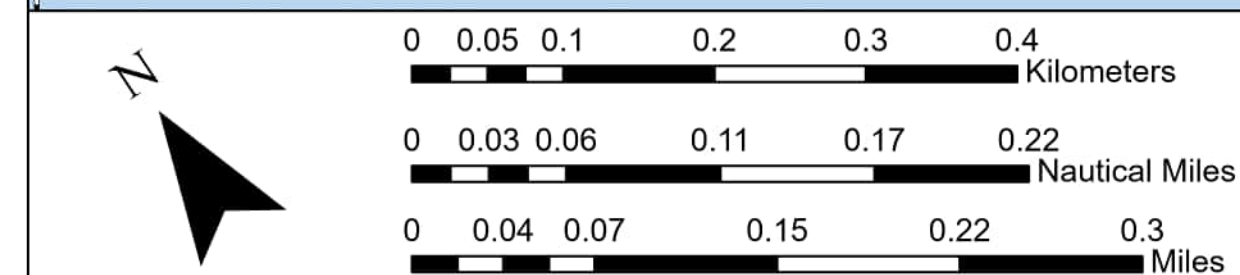
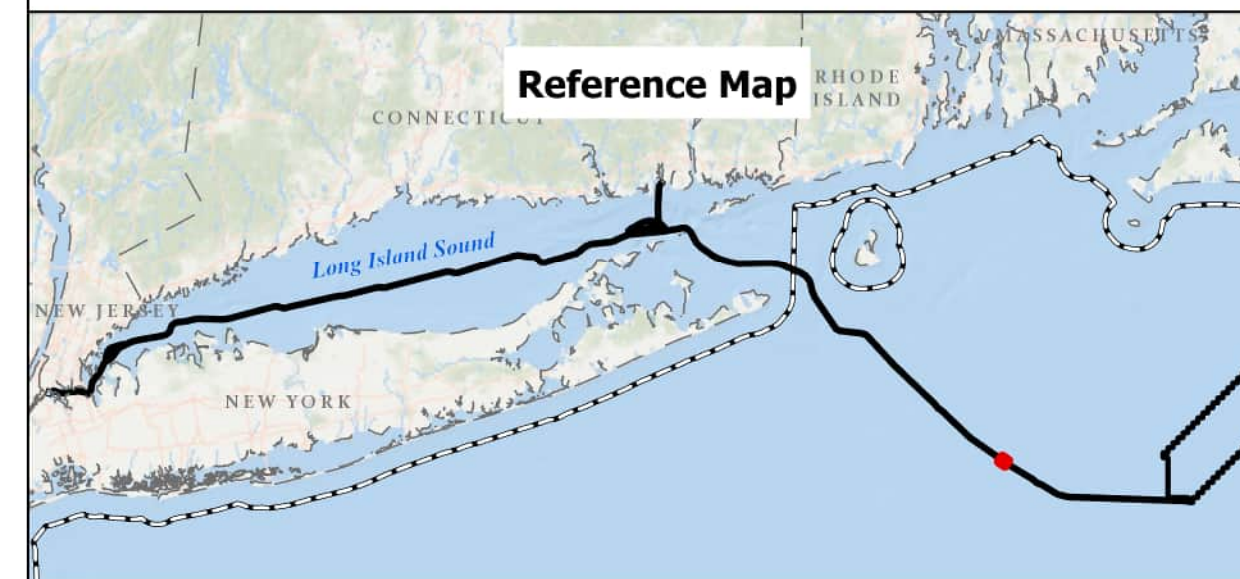
- Station Type**
 - ⊕ Grab and Video
- CMECS Classification**
 - Soft Sediment Fauna
 - Muddy Sand
- CMECS Substrate**
 - Muddy Sand
- CMECS Geoform**
 - Burrows/Bioturbation
- Benthic Features**
 - Sand Ripples
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



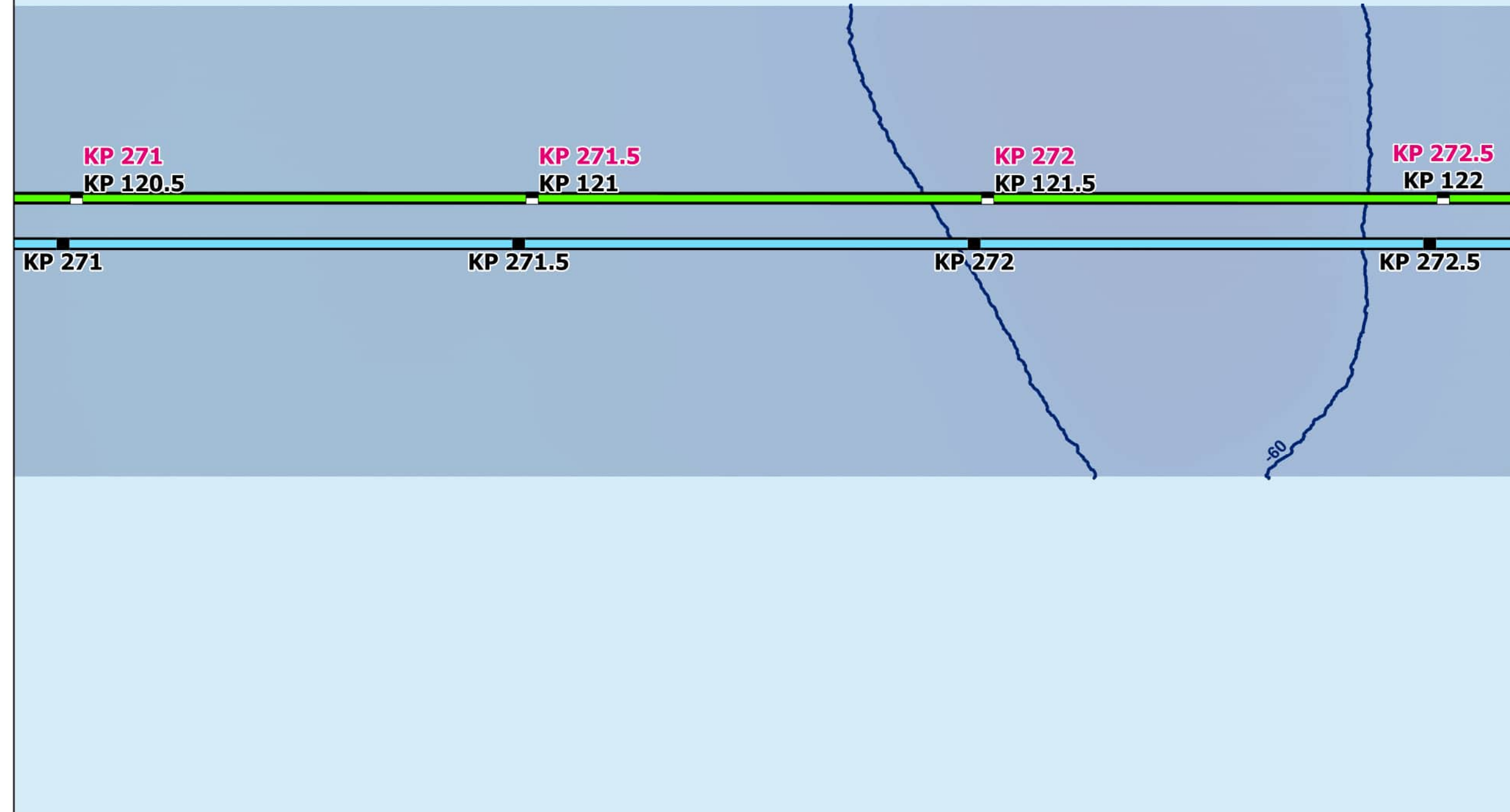
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 199

BW1 (NY) - KP 268 - KP 269.5
BW2 (NY) - KP 268 - KP 269.5
BW2 (CT) - KP 117.5 - KP 119

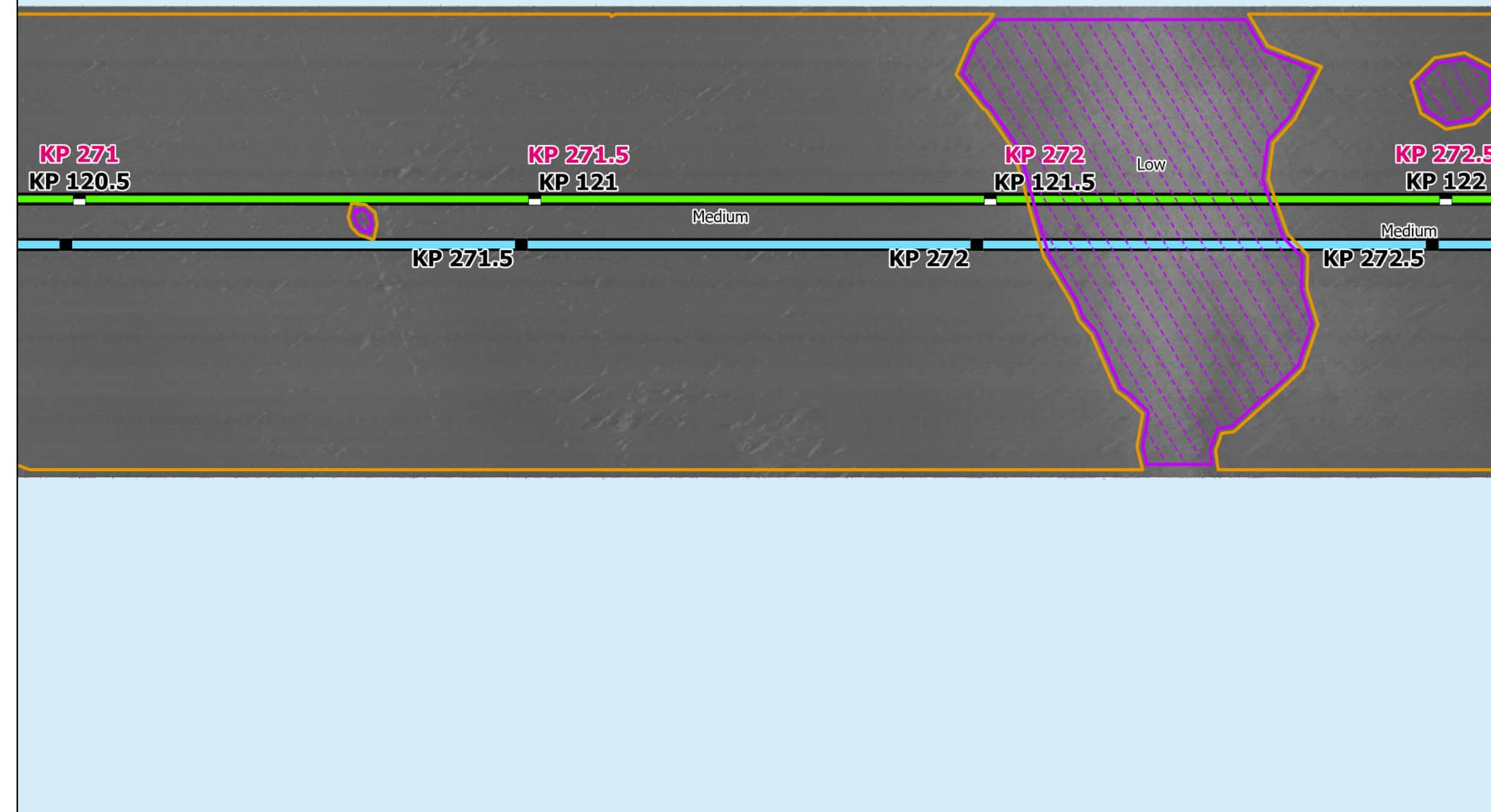
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



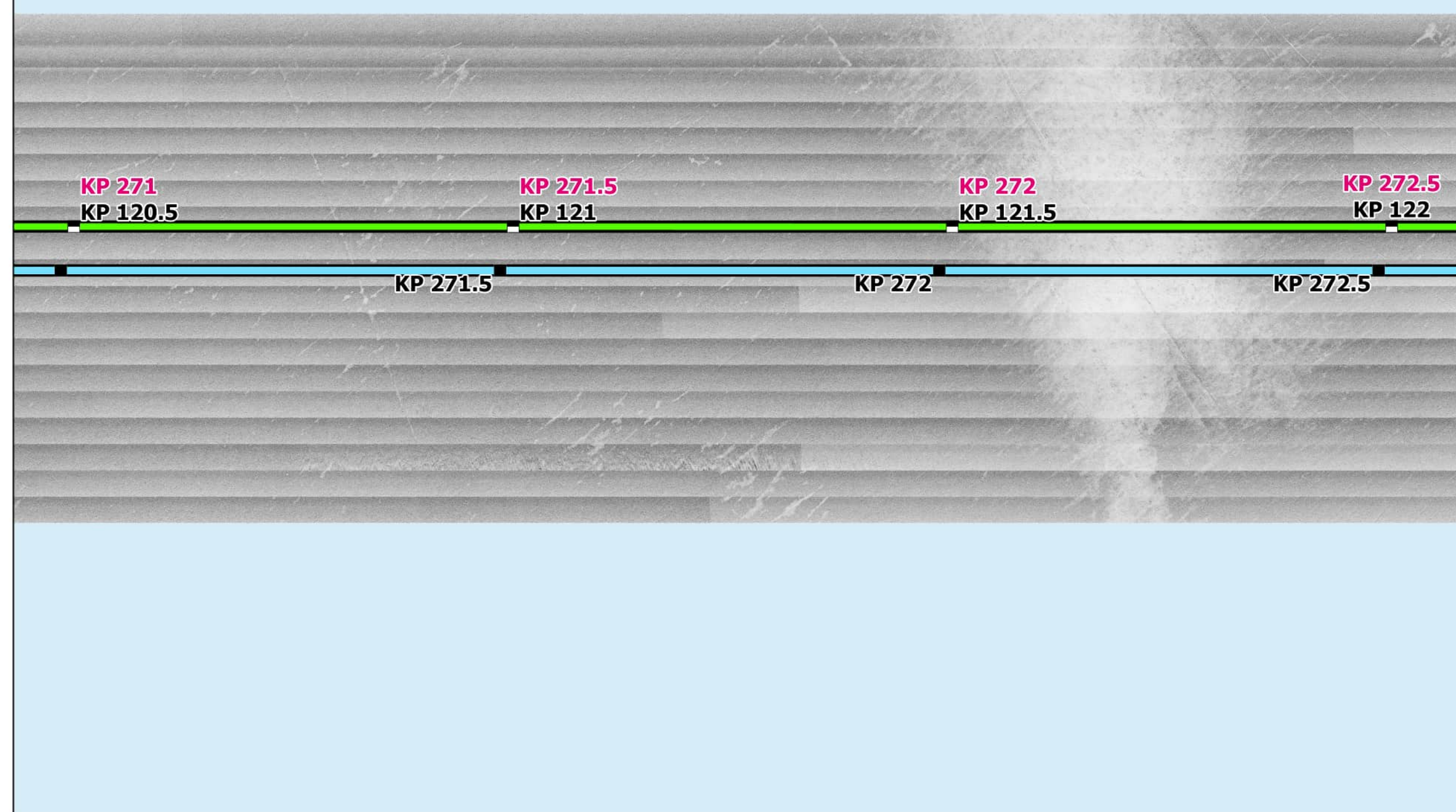
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



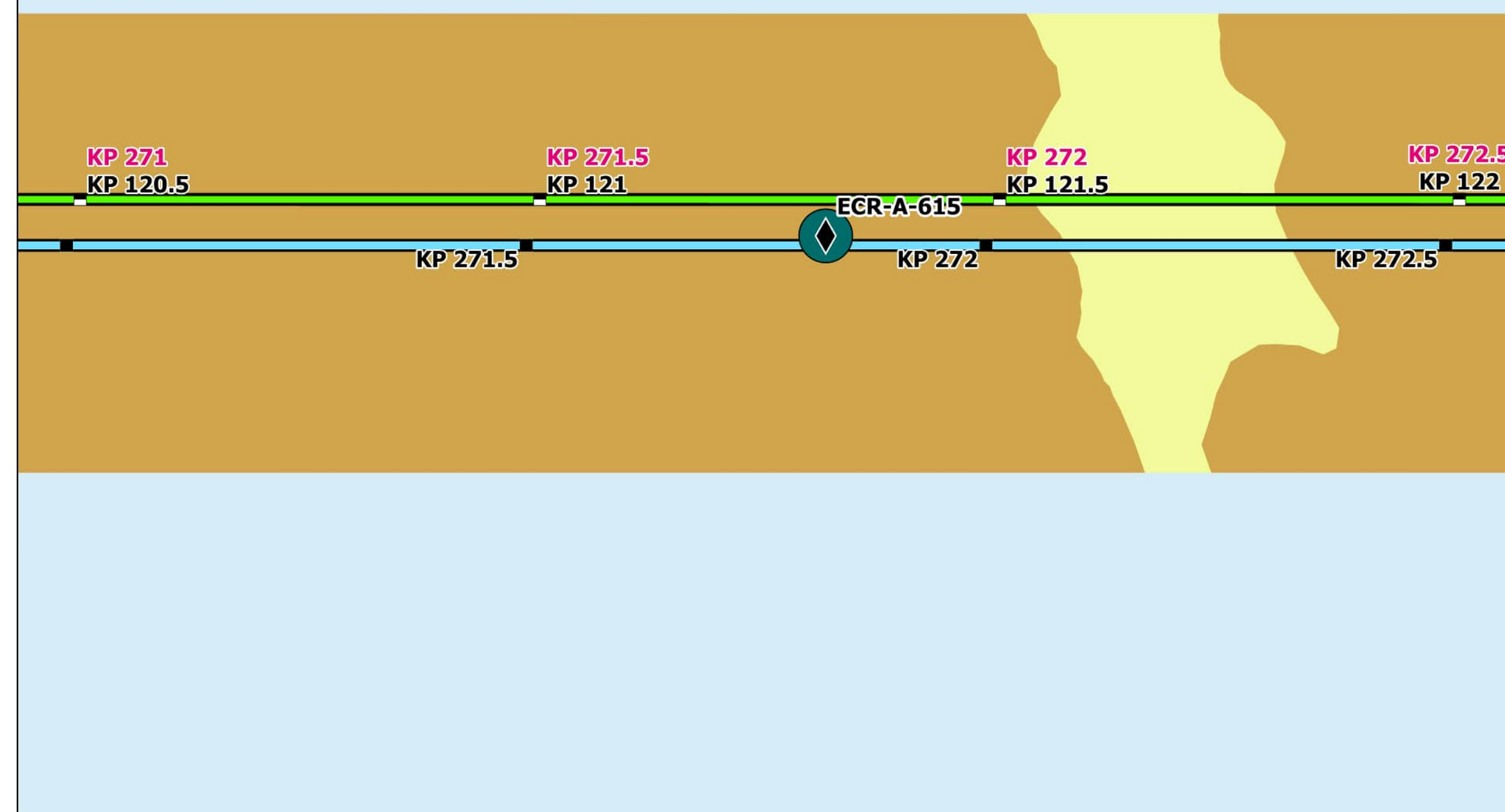
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

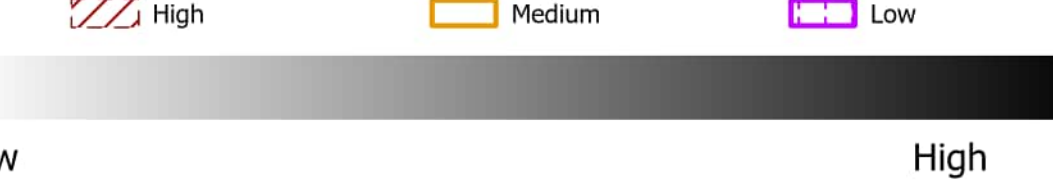
Bathymetry (MLLW)

Major Contours (5m Interval)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

Station Type

◆ SPI/PV

CMECS Substrate

● Sandy Mud

Interpreted Seabed Sediment/NMFS Habitat Characterization

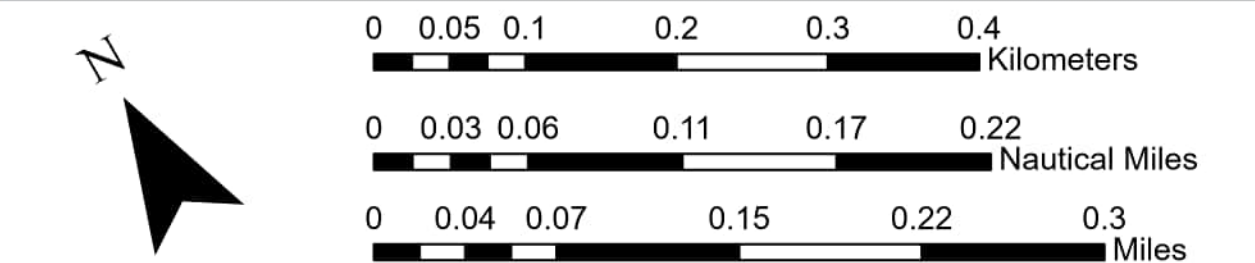
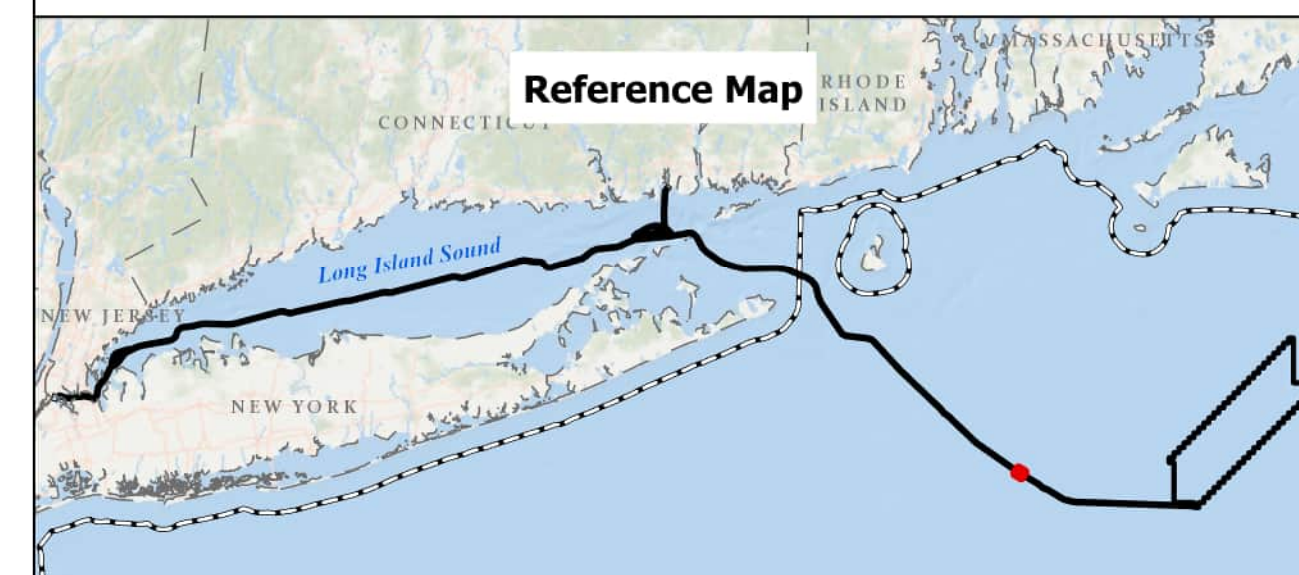
■ Mud and Sandy Mud/Soft Bottom Habitat
■ Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



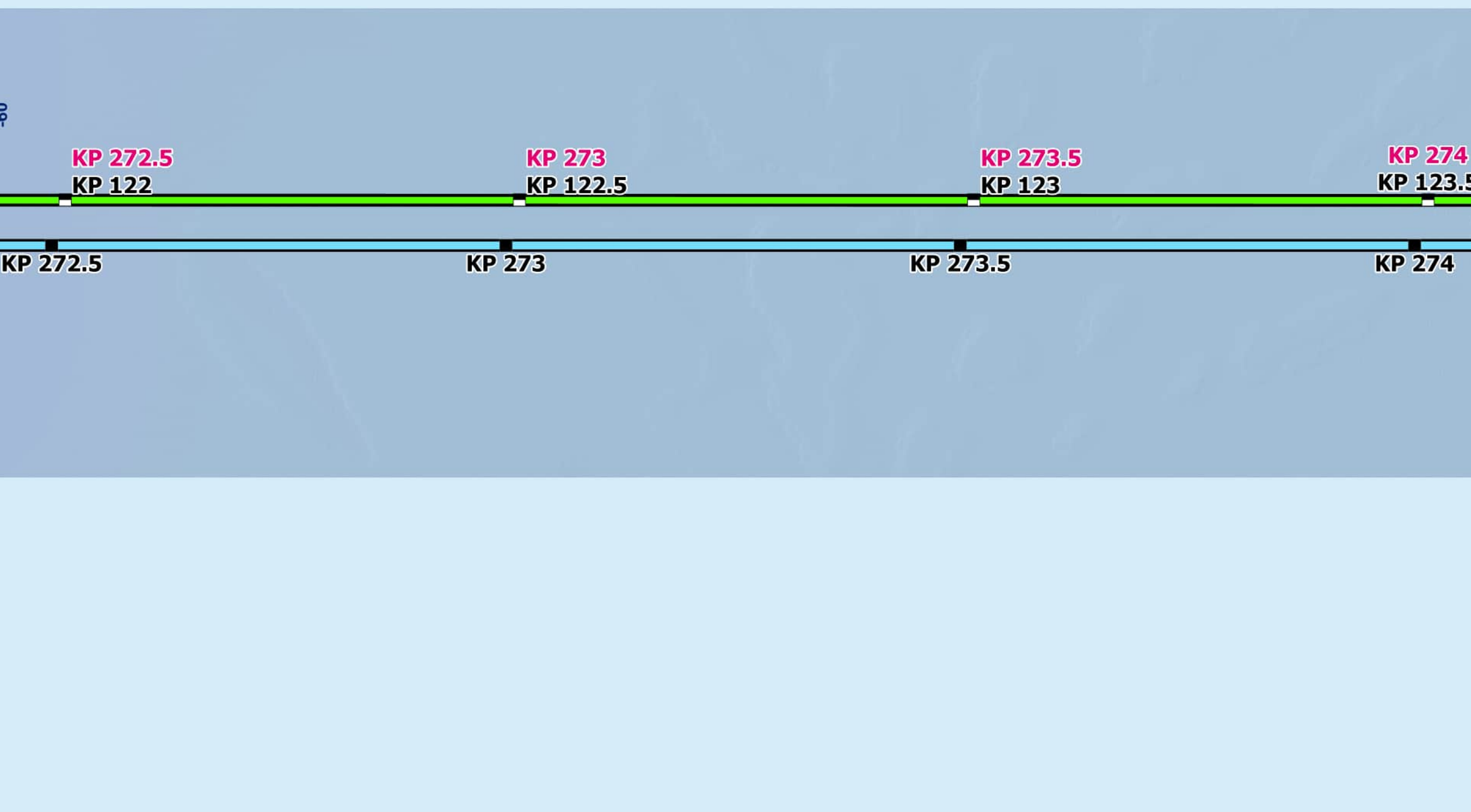
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 201

BW1 (NY) - KP 271 - KP 272.5
BW2 (NY) - KP 271 - KP 272.5
BW2 (CT) - KP 120.5 - KP 122

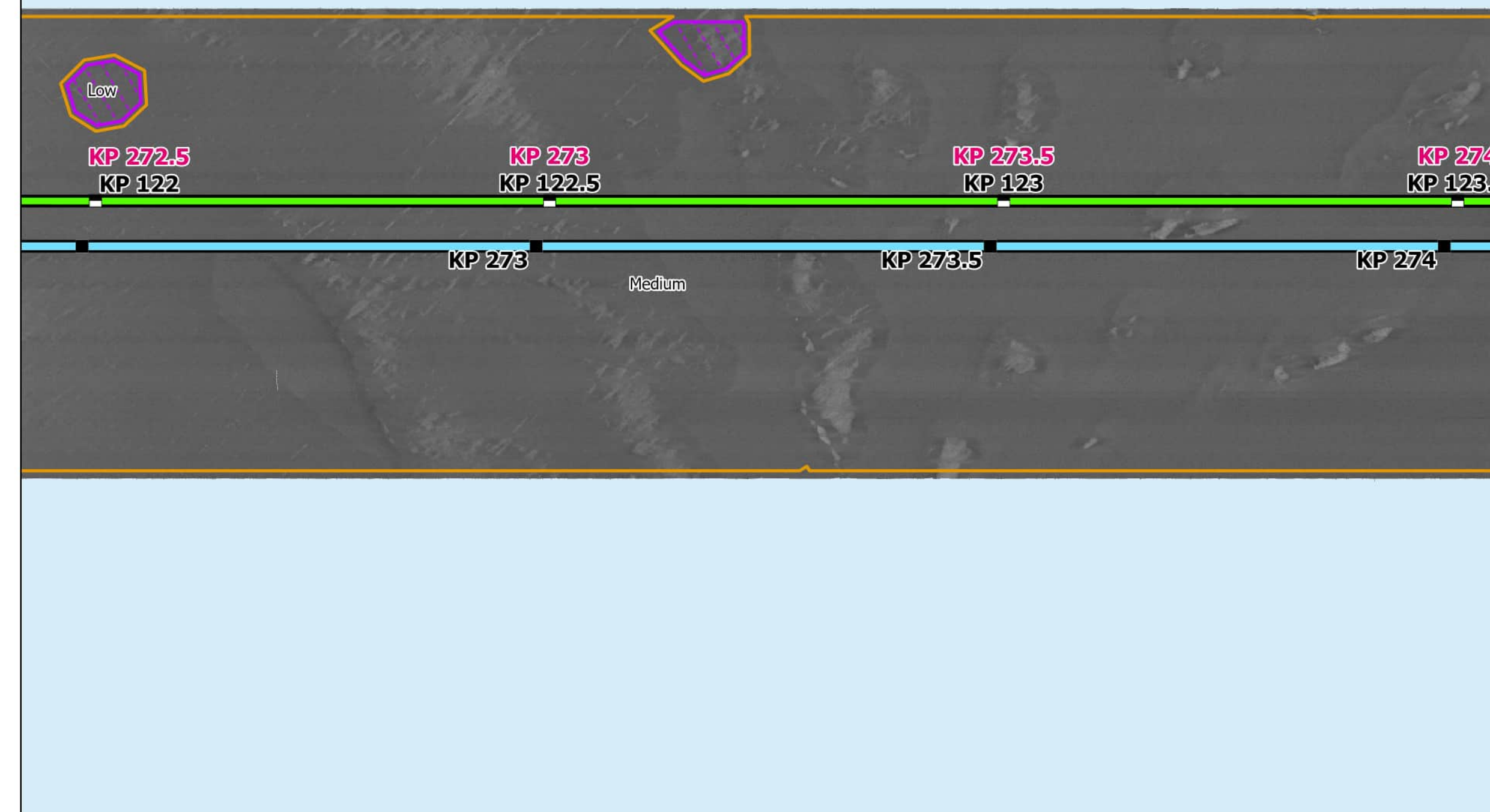
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



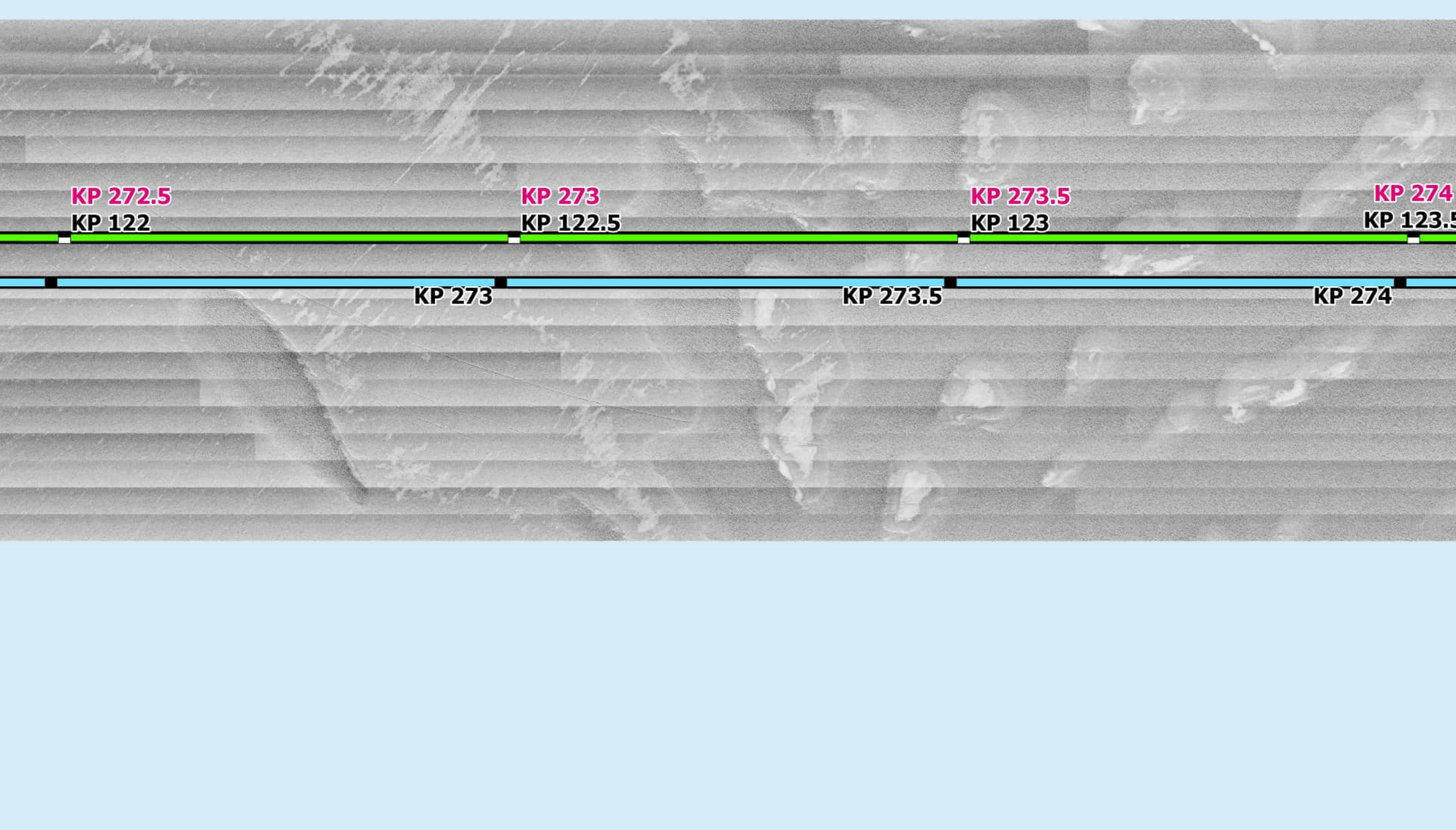
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



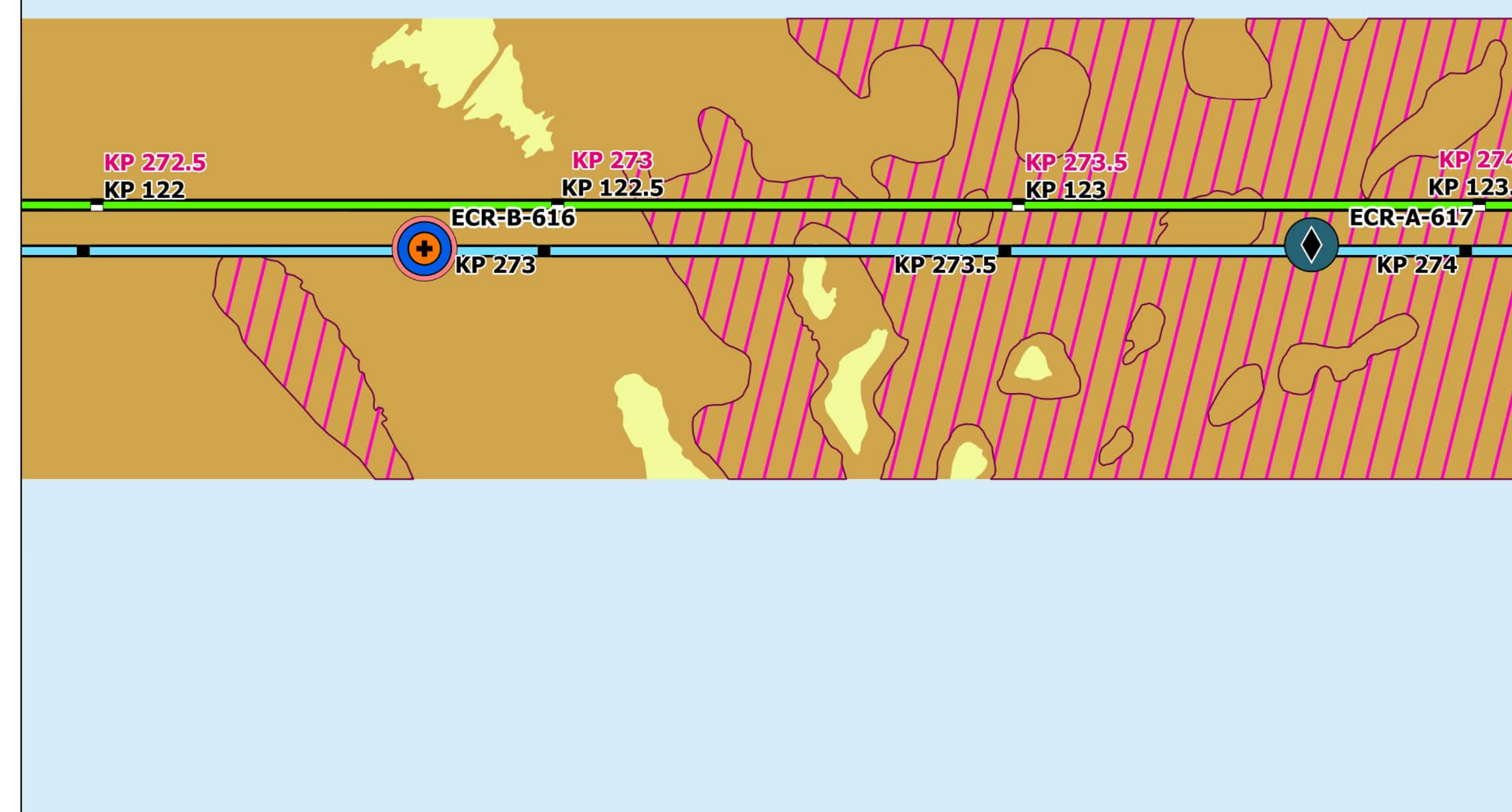
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

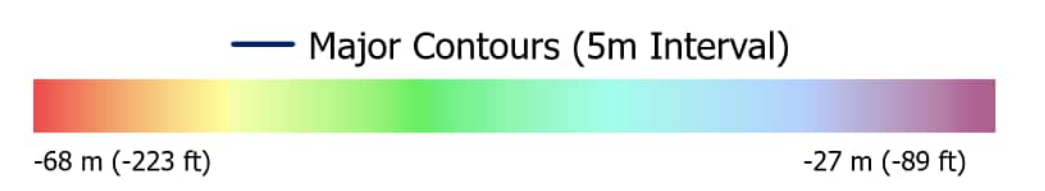


Map Book Package for Submarine Export Cable Route in Federal Waters

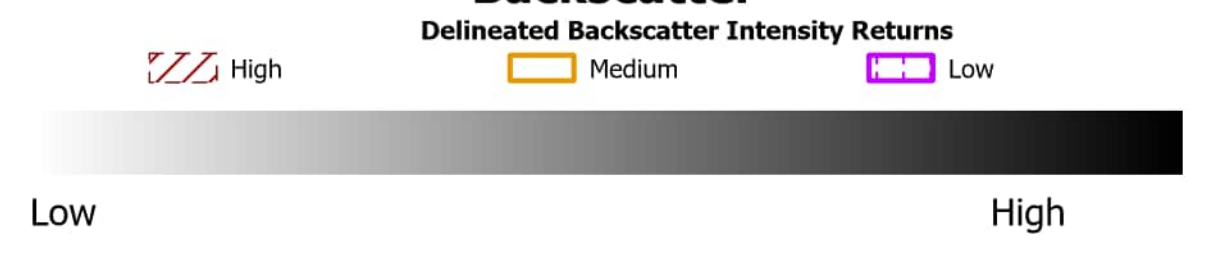


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar

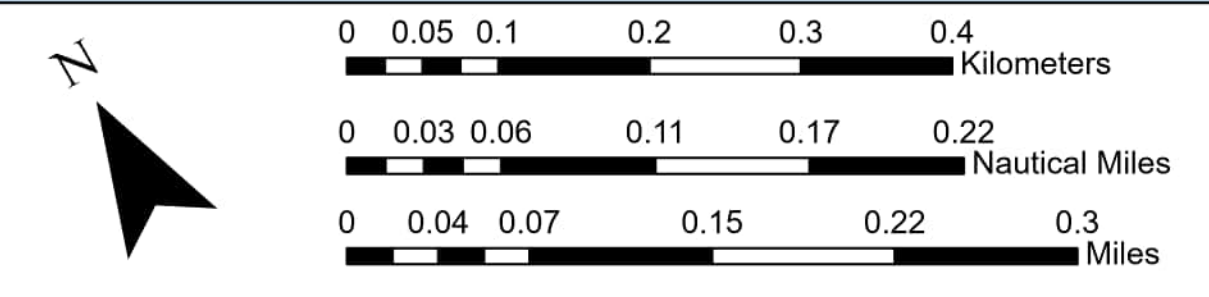
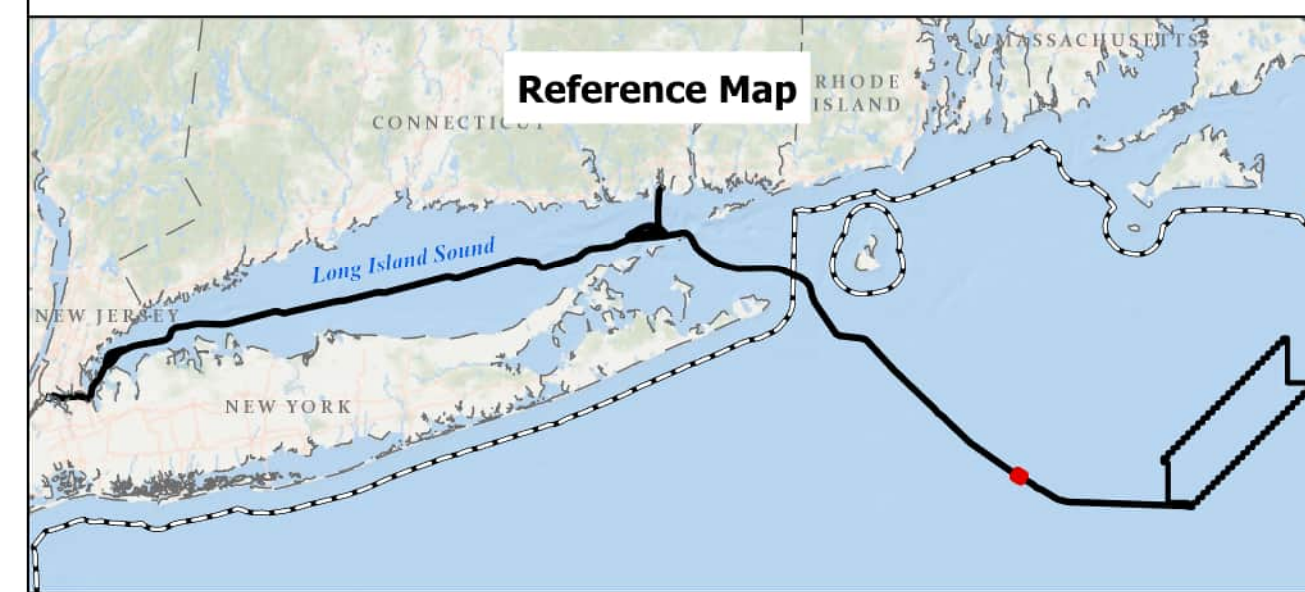


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | |
|-----------------------------|---|
| Station Type | CMECS Geomorph |
| ✚ Grab and Video | ● Burrows/Bioturbation |
| ◆ SPL/PV | |
| CMECS Classification | Benthic Features |
| CMECS Biotic | ▨ Sand Ripples |
| ● Starfish Bed | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| CMECS Substrate | ■ Mud and Sandy Mud/Soft Bottom Habitat |
| ● Muddy Sand | ■ Sand and Muddy Sand/Soft Bottom Habitat |
| ● Sand | |

Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



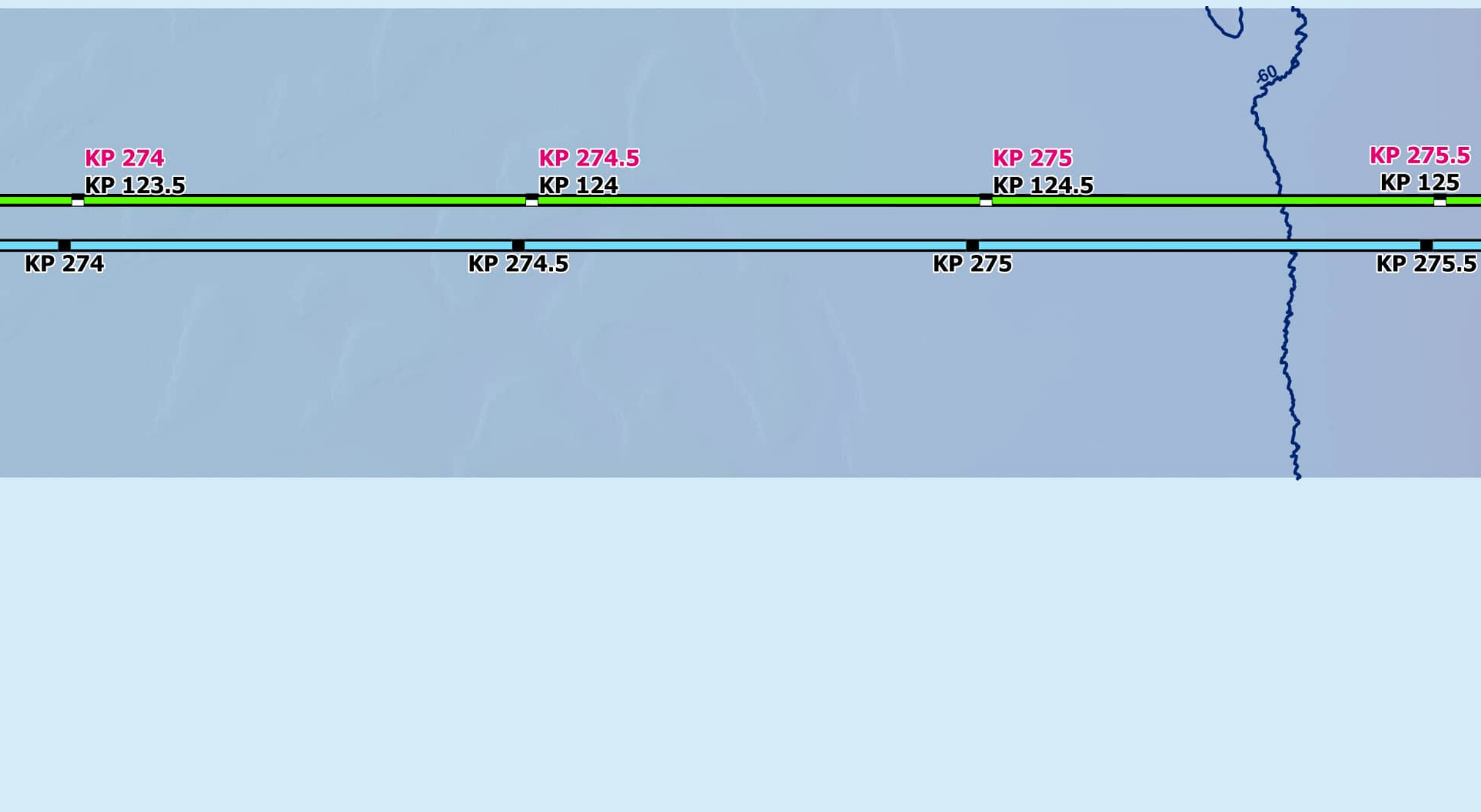
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 202

BW1 (NY) - KP 272.5 - KP 274
BW2 (NY) - KP 272.5 - KP 274
BW2 (CT) - KP 122 - KP 123.5

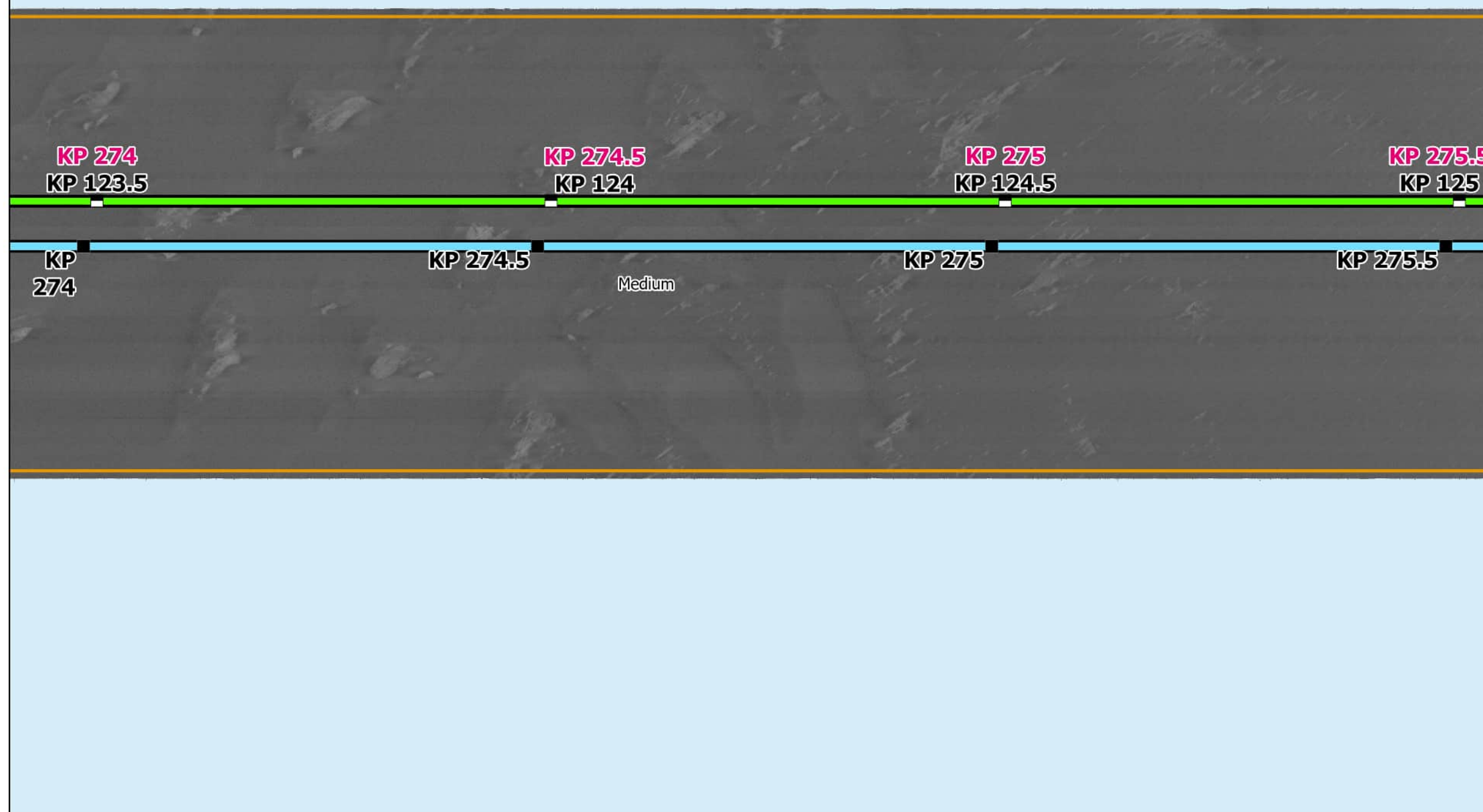
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



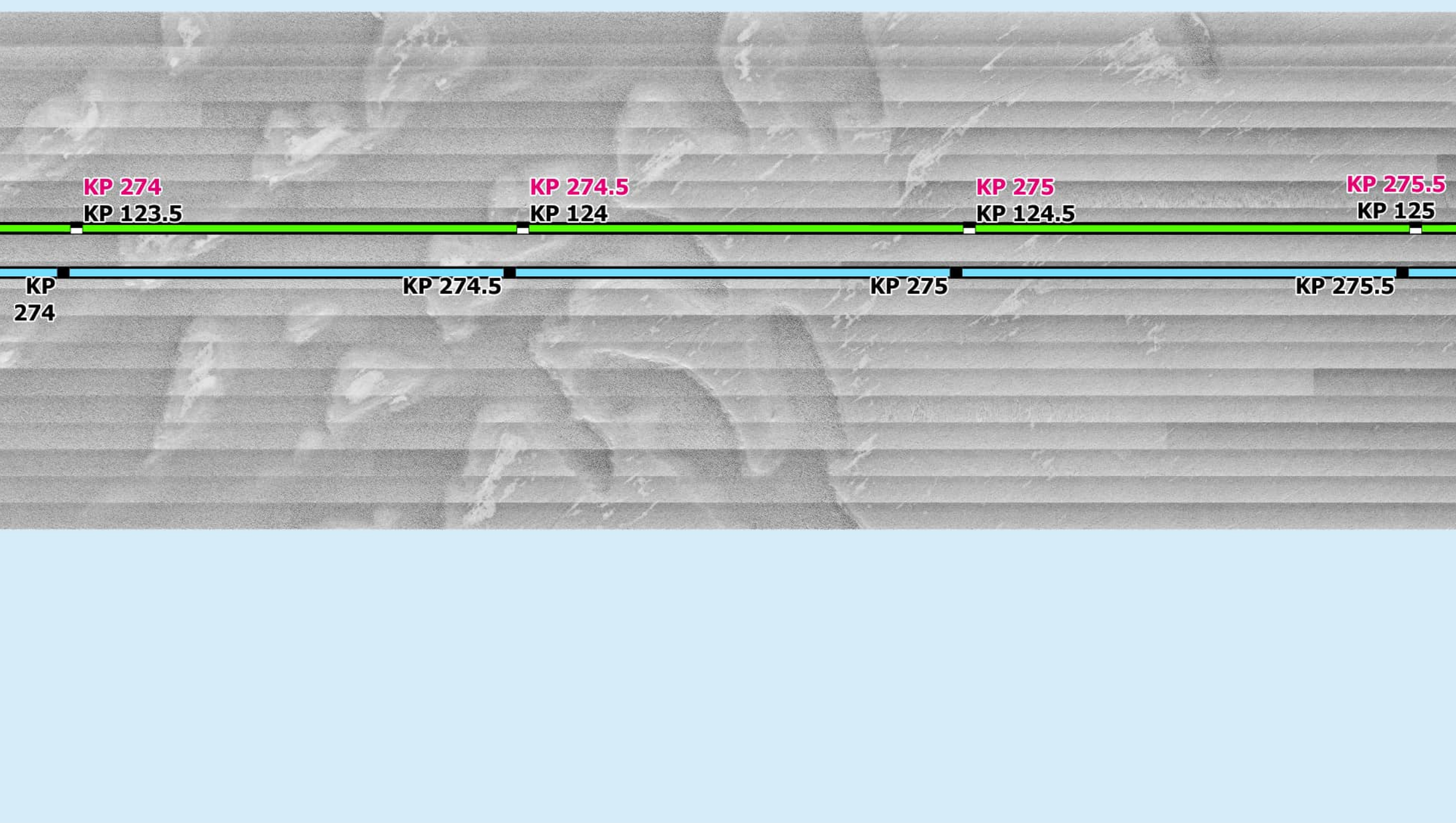
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



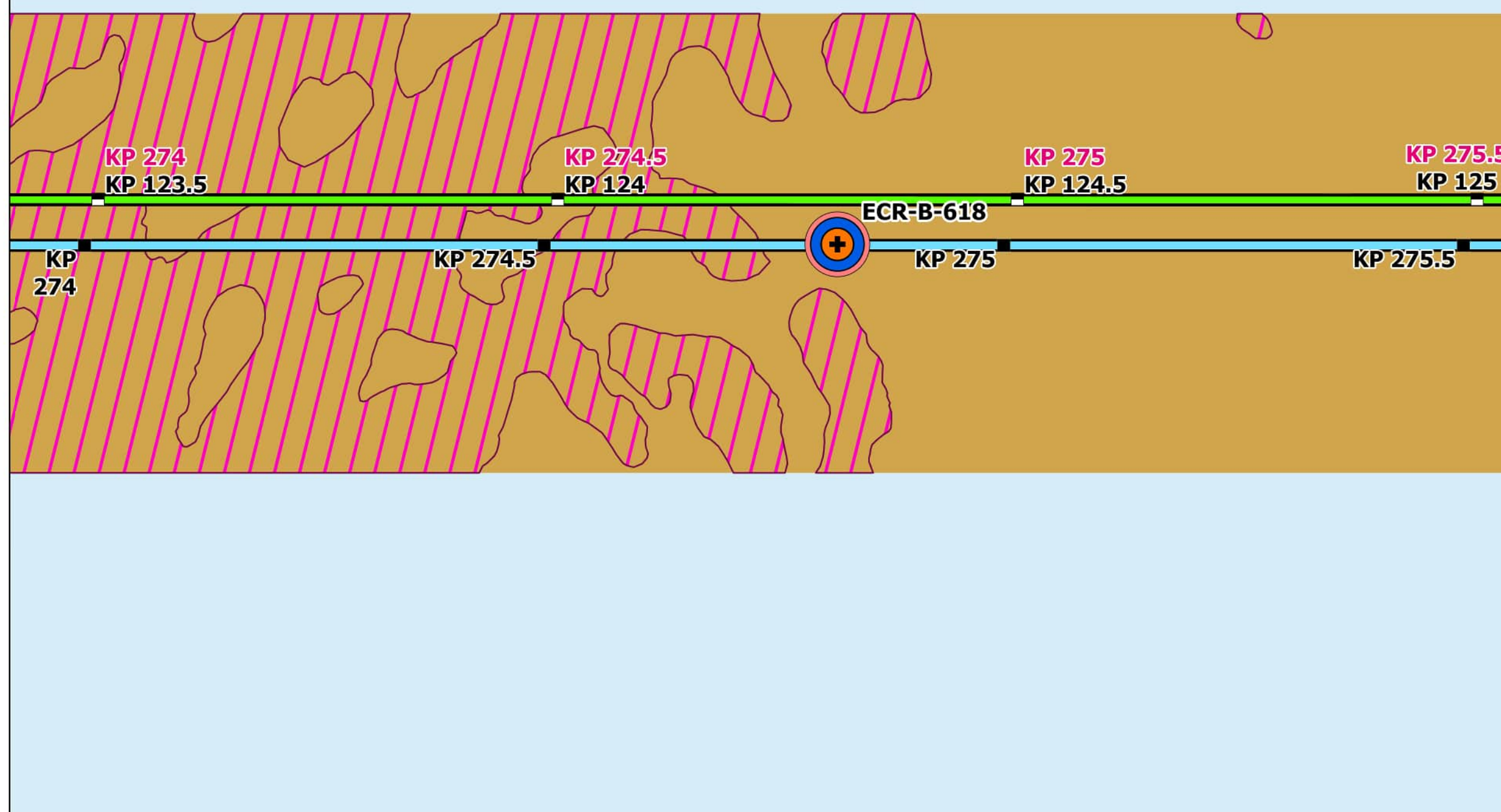
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)

— Major Contours (5m Interval)



Backscatter

Delineated Backscatter Intensity Returns



Low High

Side Scan Sonar

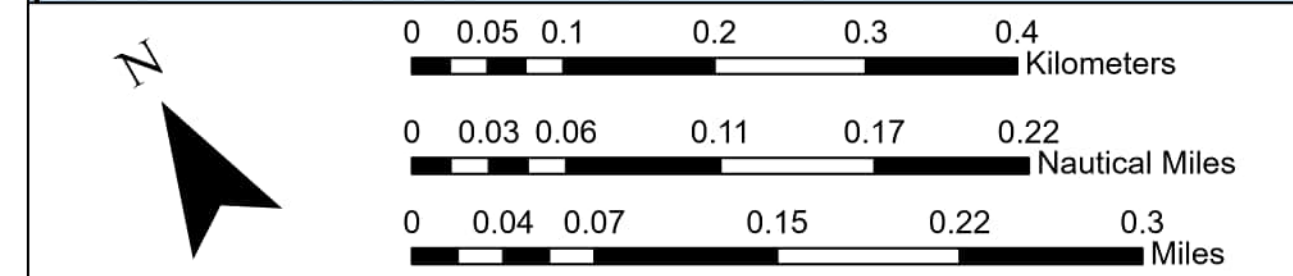
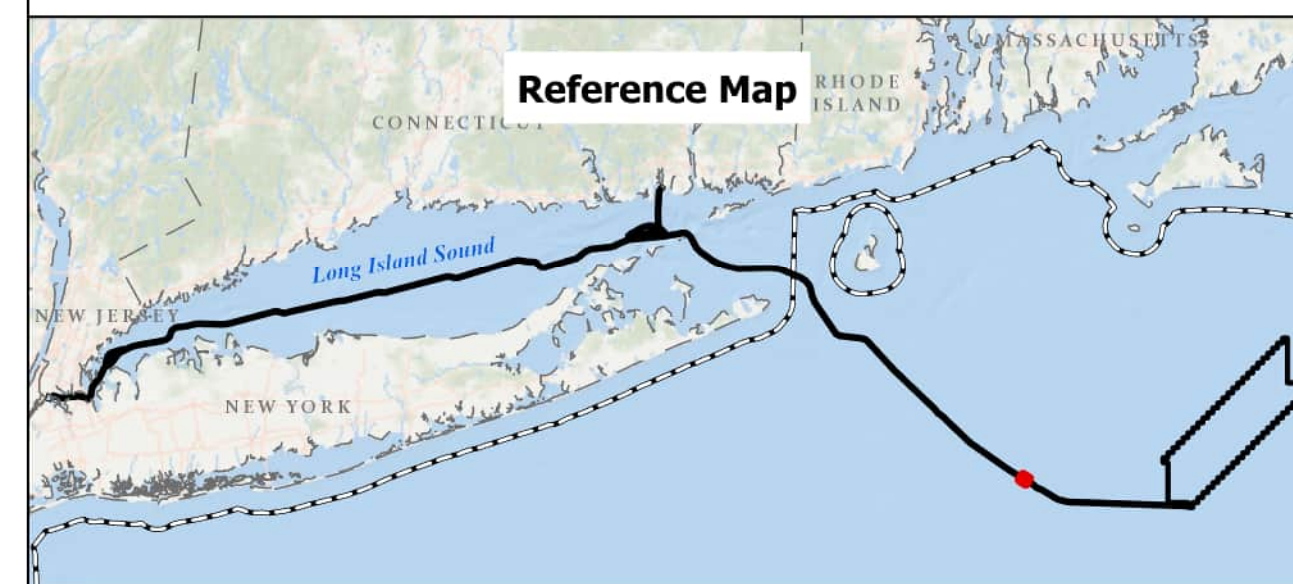
Low High

Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | |
|-----------------------------|---|
| Station Type | CMECS Geoform |
| ⊕ Grab and Video | ● Burrows/Bioturbation |
| CMECS Classification | Benthic Features |
| ● Starfish Bed | ▨ Sand Ripples |
| CMECS Substrate | Interpreted Seabed Sediment/
NMFS Habitat Characterization |
| ● Muddy Sand | ■ Mud and Sandy Mud/Soft Bottom Habitat |
| | ■ Sand and Muddy Sand/Soft Bottom Habitat |

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 203

BW1 (NY) - KP 274 - KP 275.5
BW2 (NY) - KP 274 - KP 275.5
BW2 (CT) - KP 123.5 - KP 125

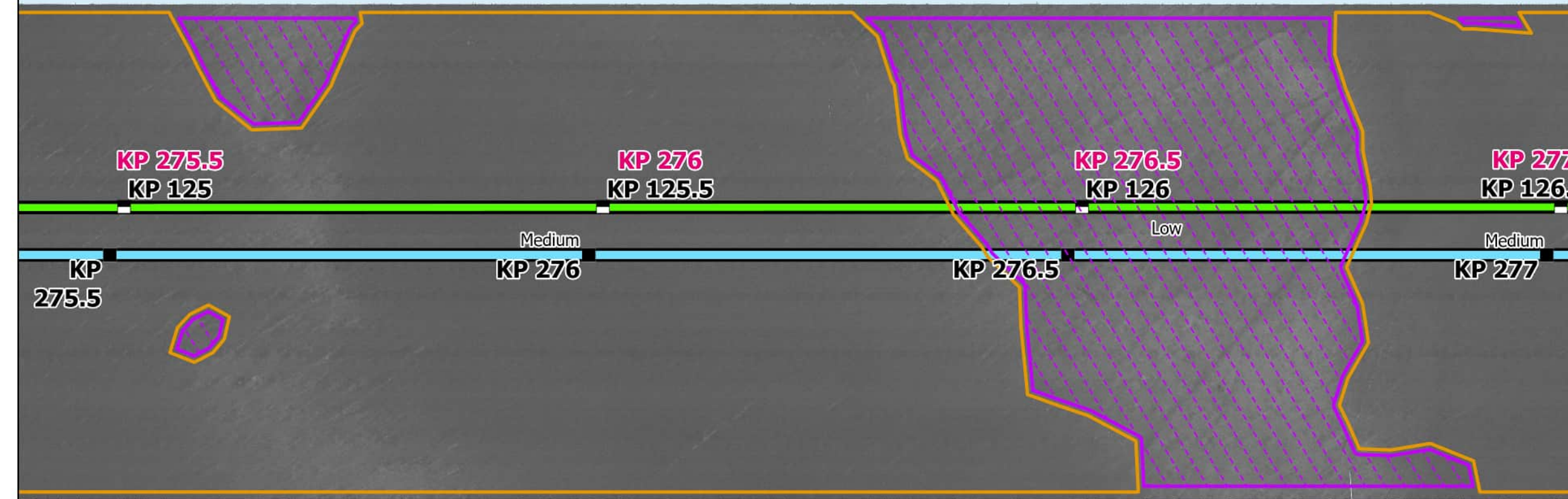
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



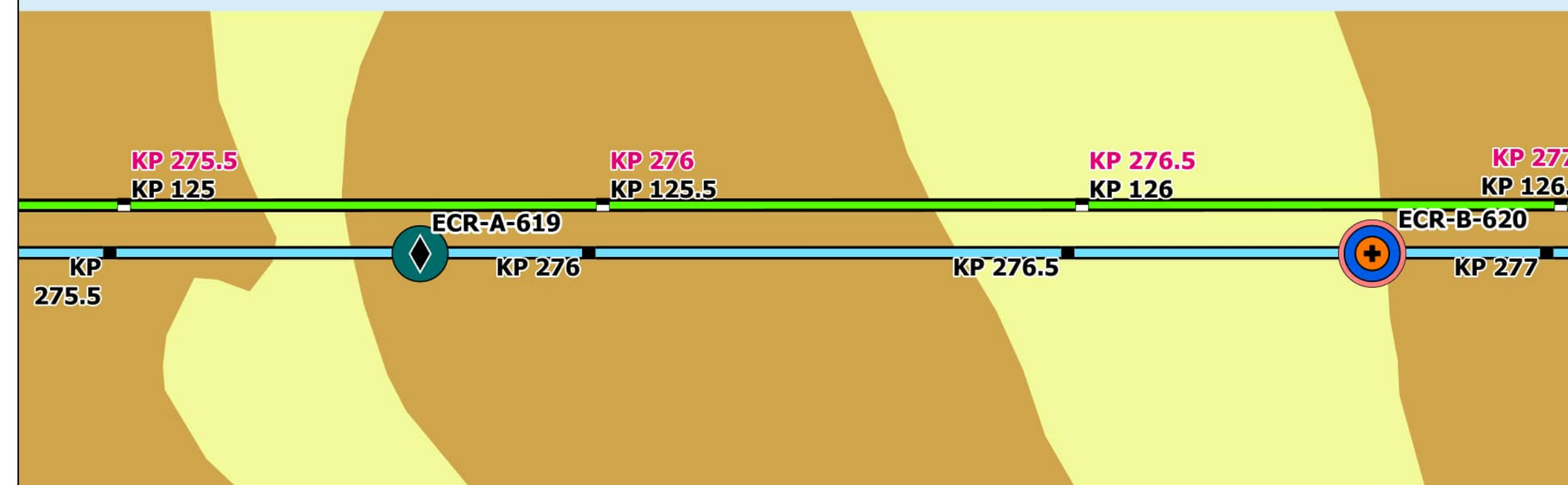
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



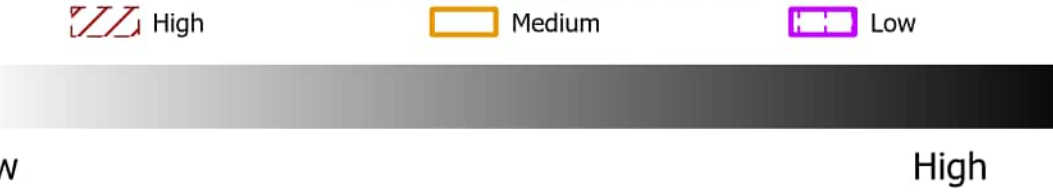
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

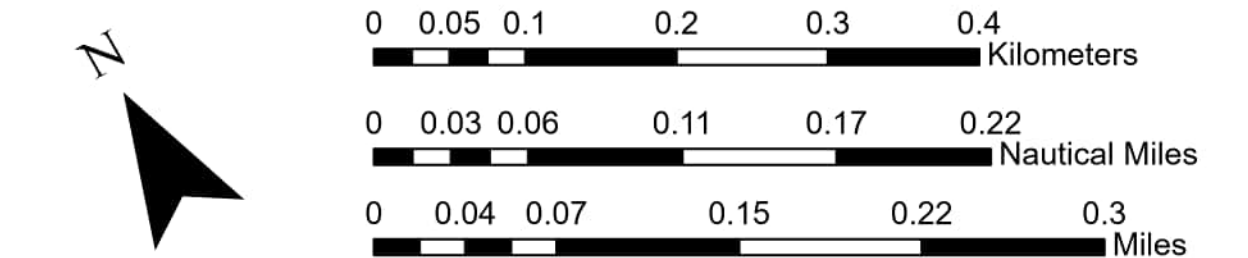
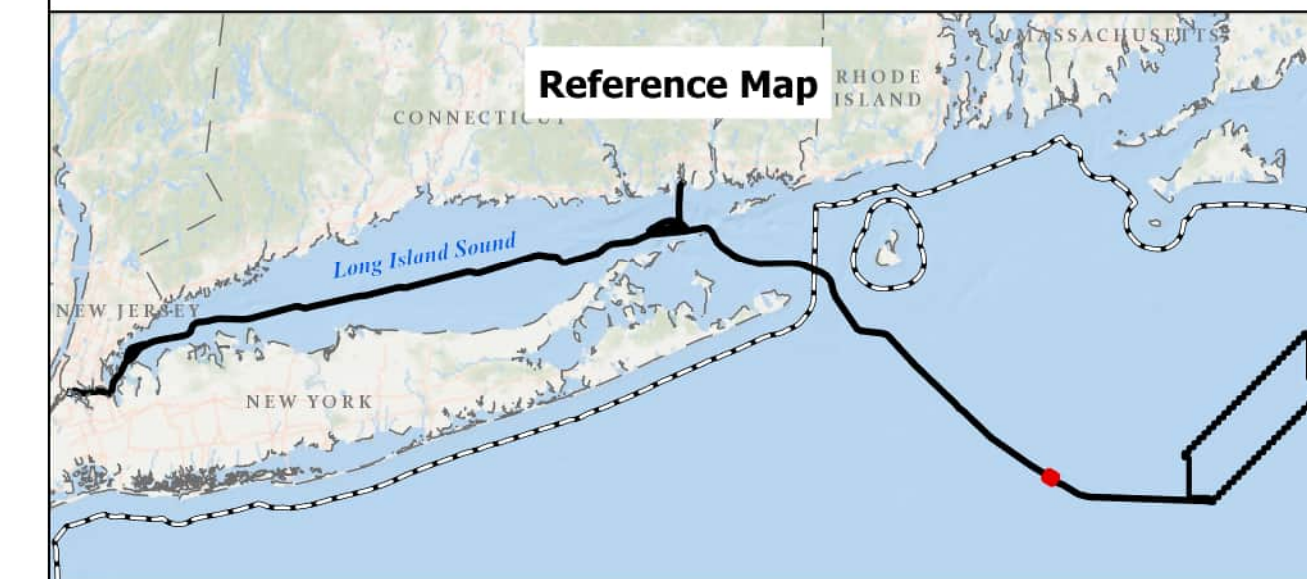
- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification**
 - Starfish Bed
 - Muddy Sand
- CMECS Biotic**
 - Sandy Mud
 - Burrows/Bioturbation
- CMECS Substrate**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



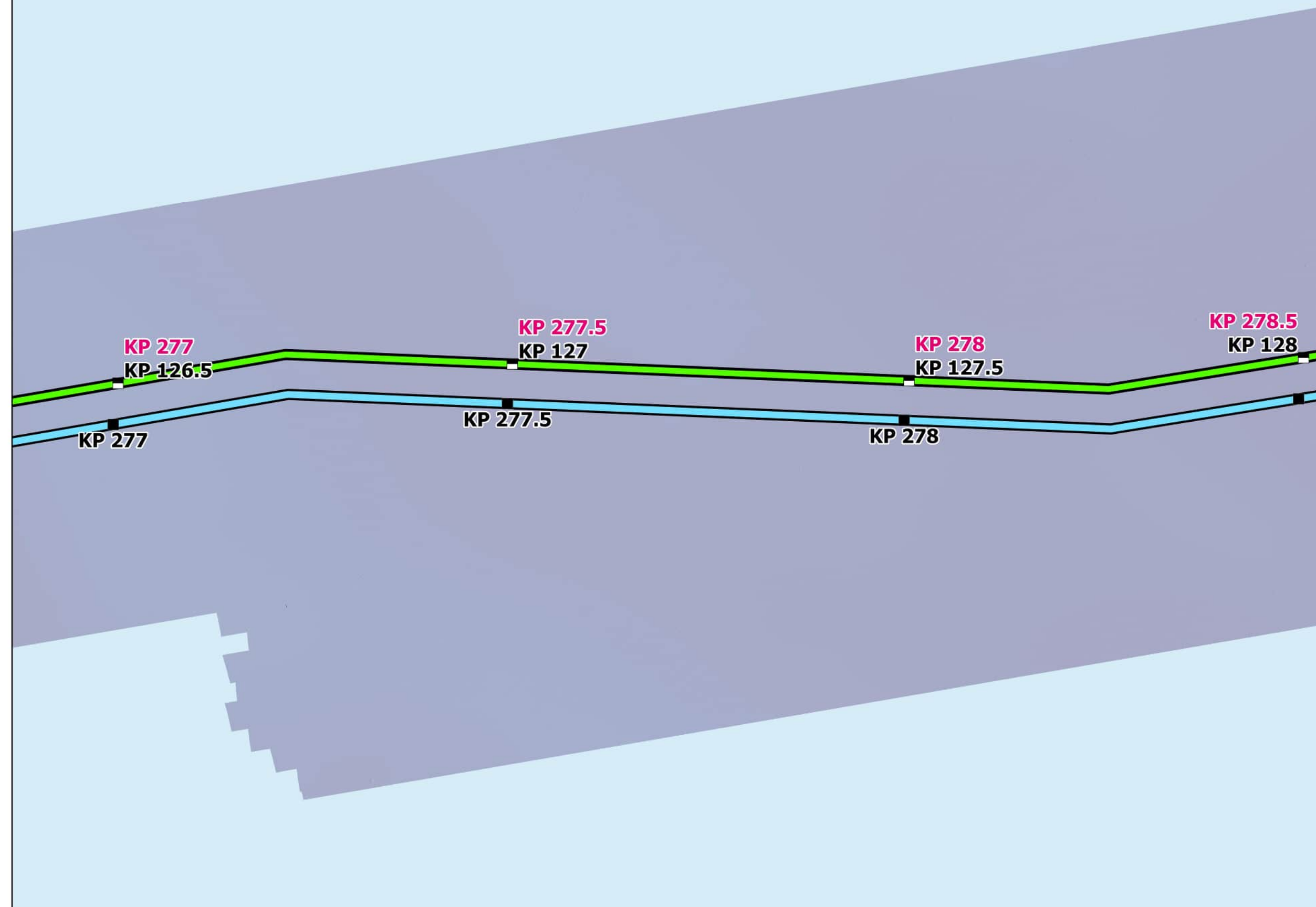
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 204

BW1 (NY) - KP 275.5 - KP 277
BW2 (NY) - KP 275.5 - KP 277
BW2 (CT) - KP 125 - KP 126.5

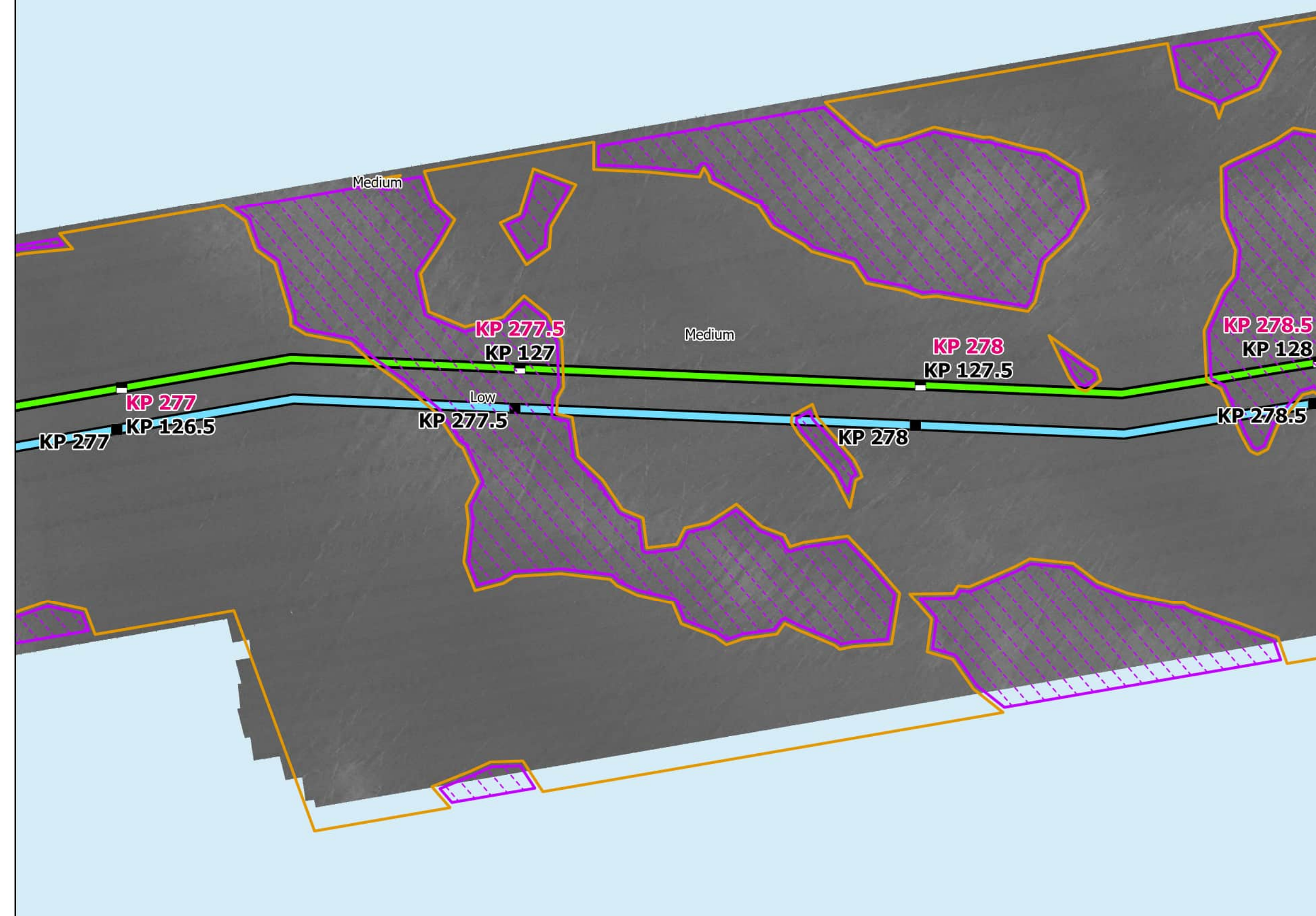
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



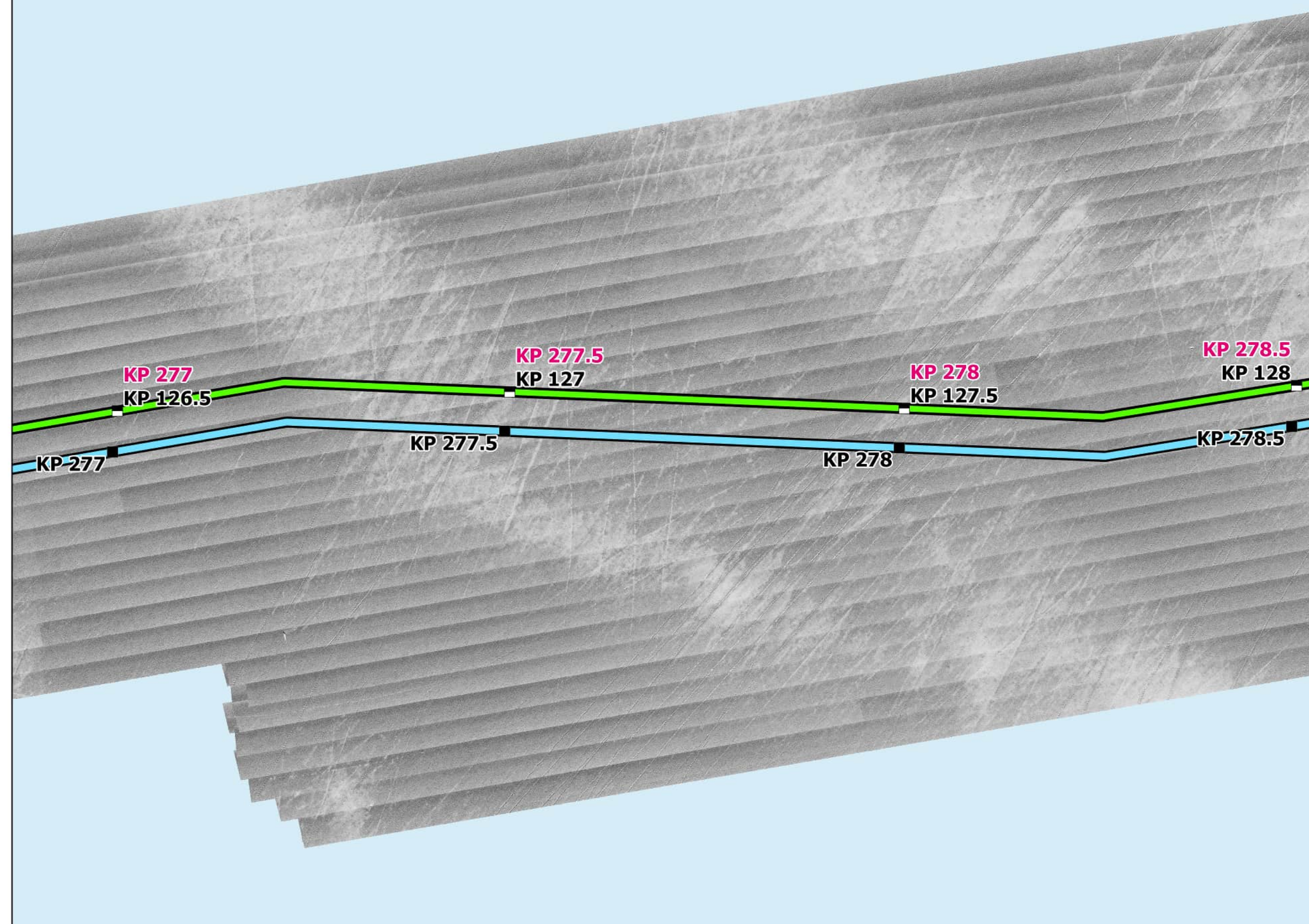
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



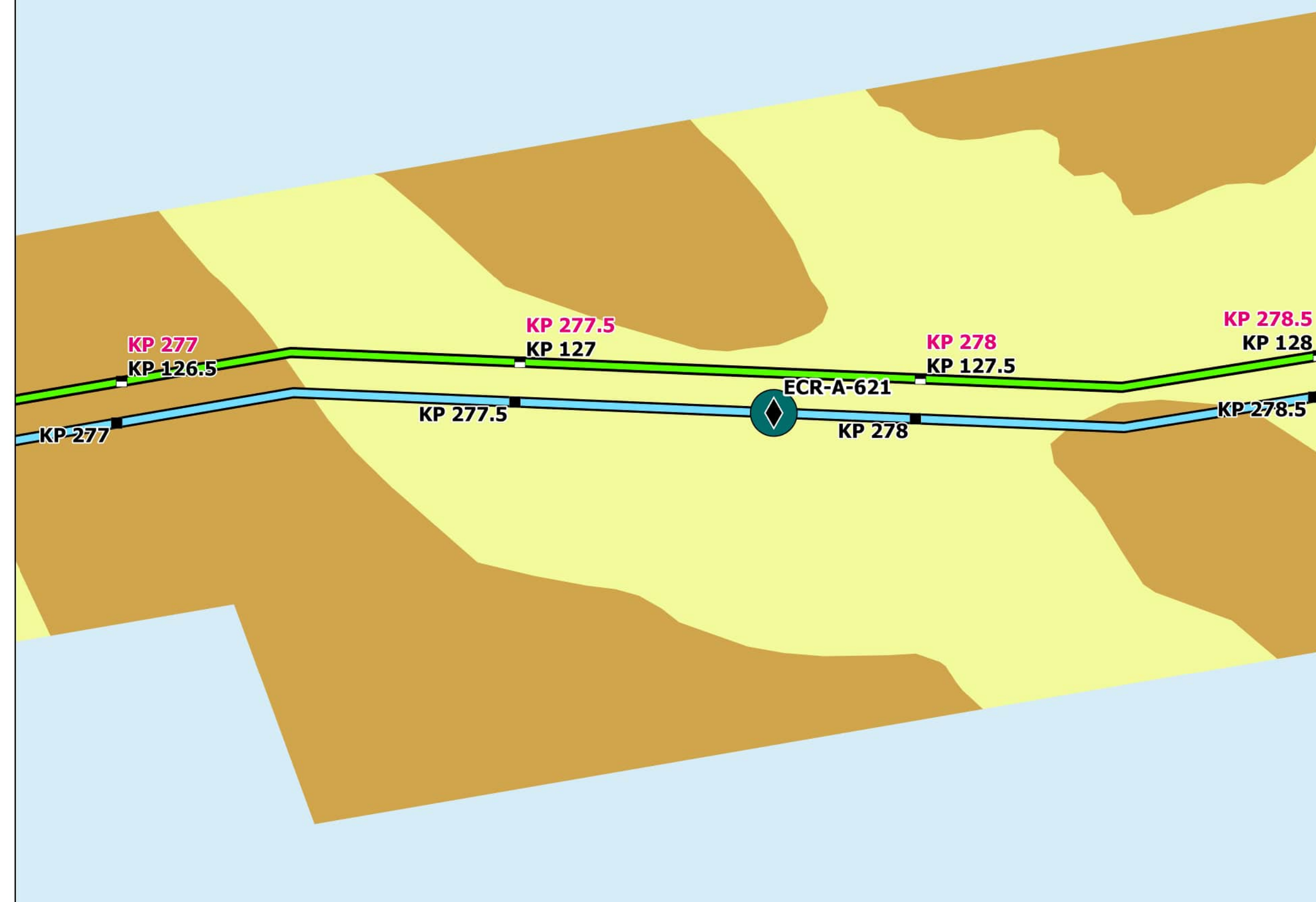
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

Station Type

- ◆ SPI/PV

CMECS Substrate

- Sandy Mud

Interpreted Seabed Sediment/ NMFS Habitat Characterization

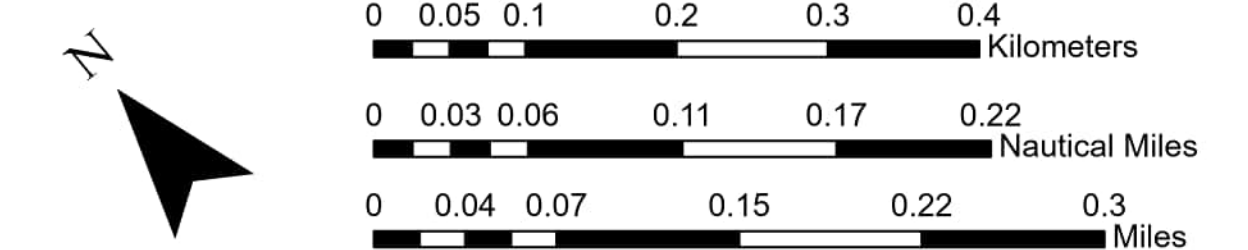
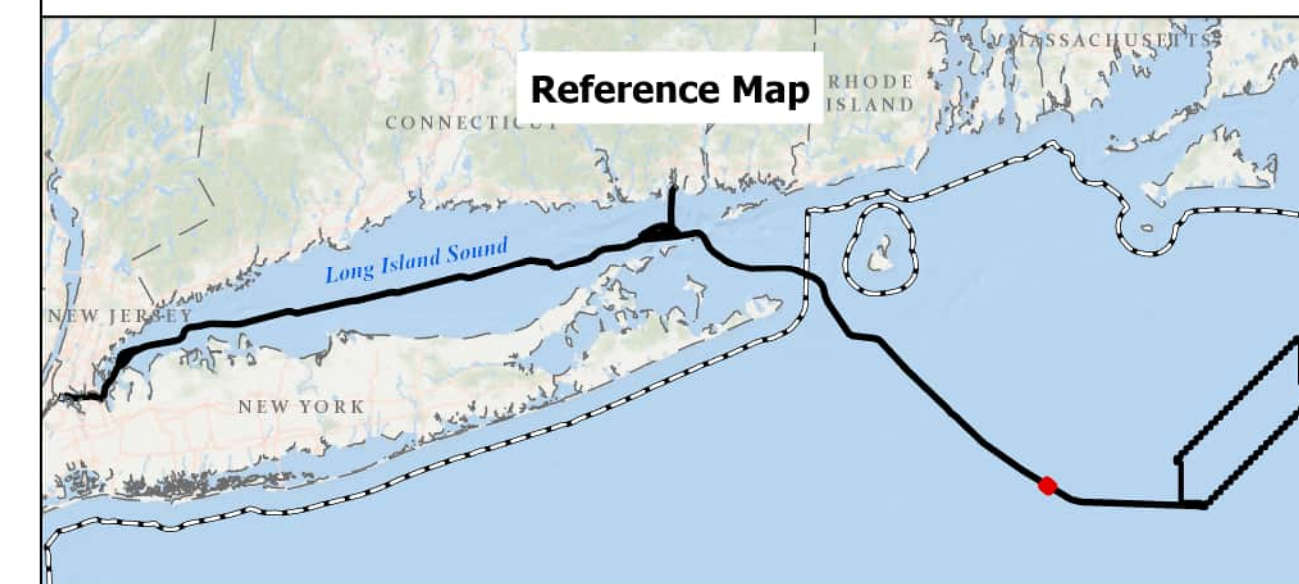
- Mud and Sandy Mud/Soft Bottom Habitat
- Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

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Date: 2/28/2023

Scale: 1:5,000



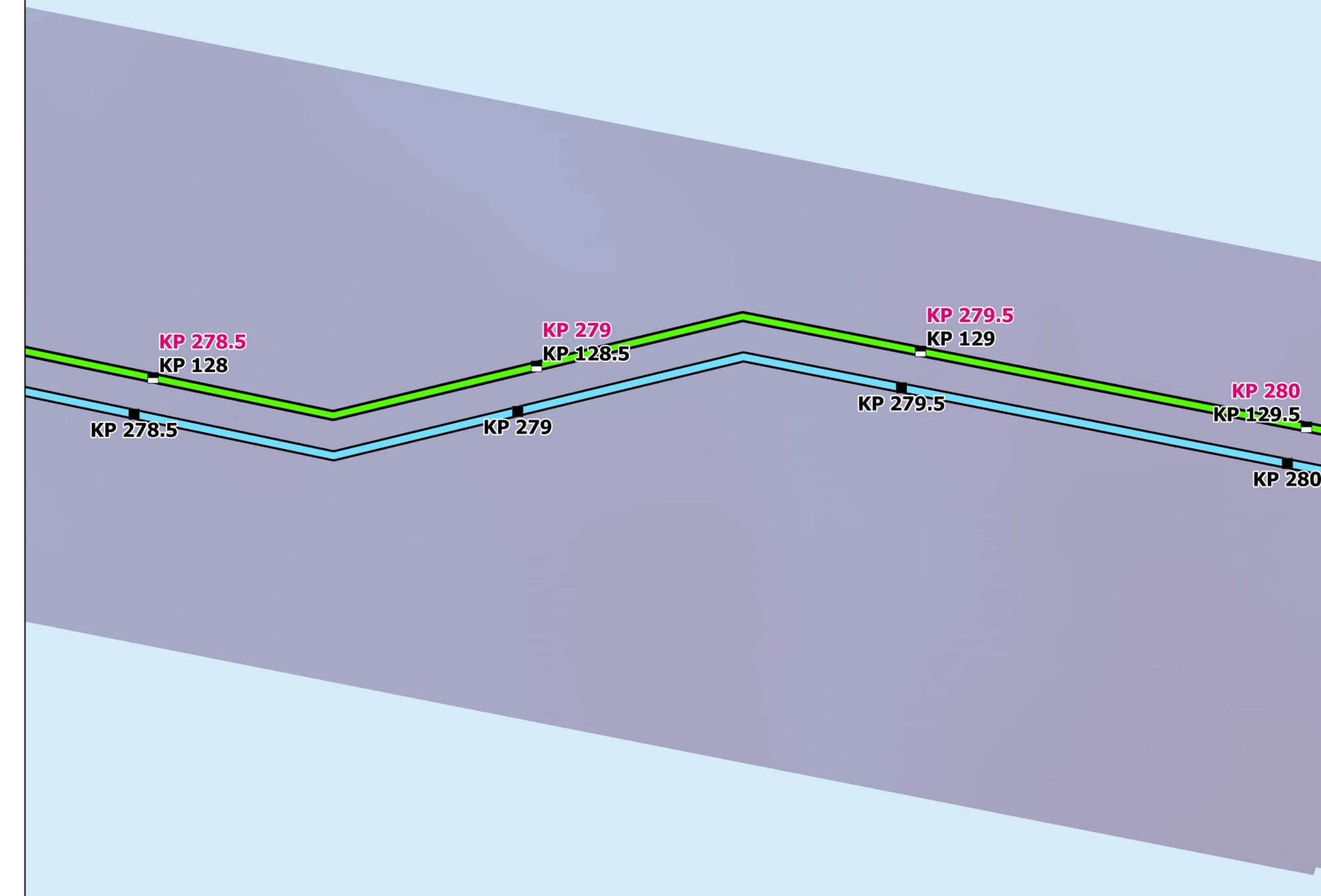
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 205

BW1 (NY) - KP 277 - KP 278.5
BW2 (NY) - KP 277 - KP 278.5
BW2 (CT) - KP 126.5 - KP 128

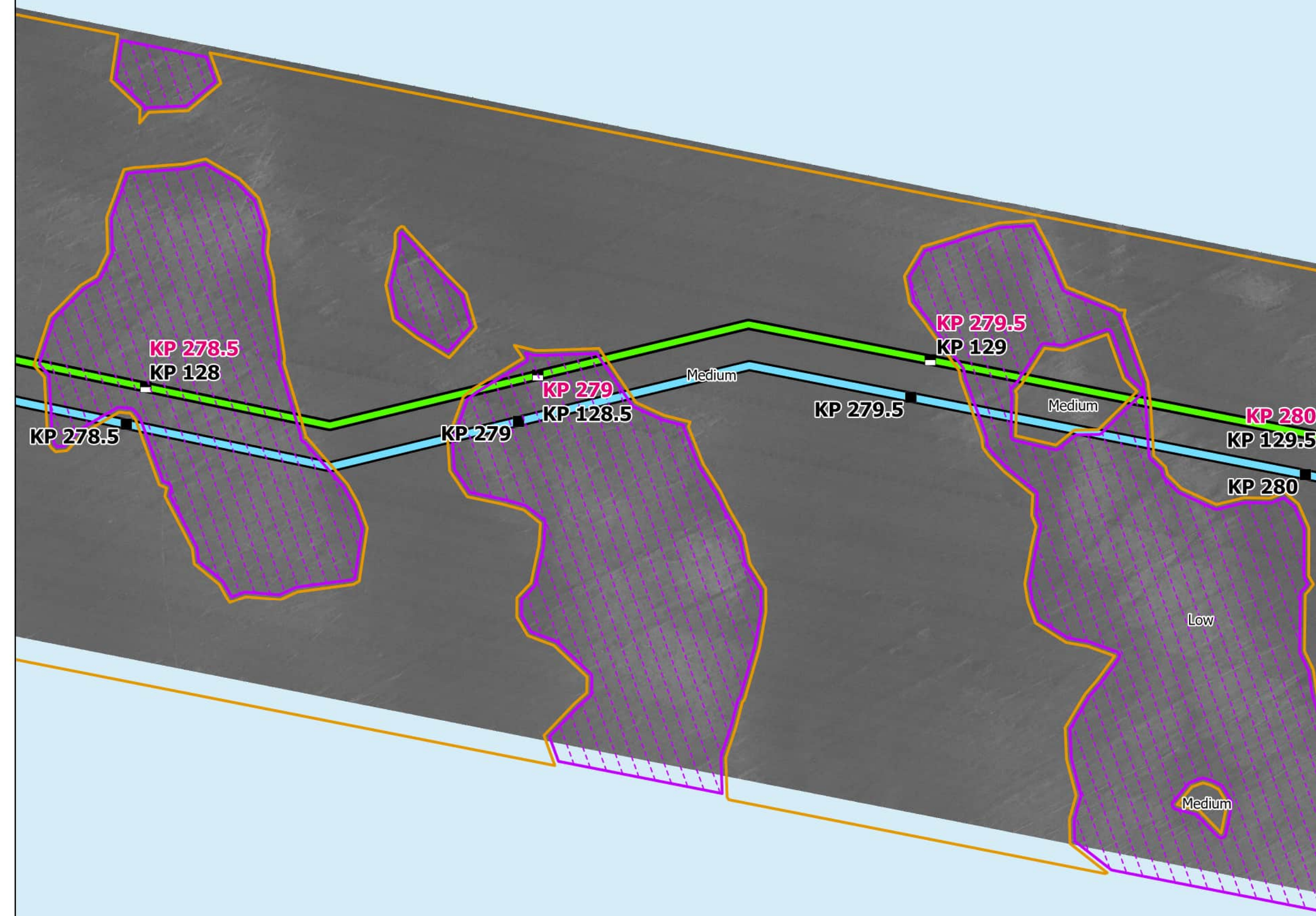
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



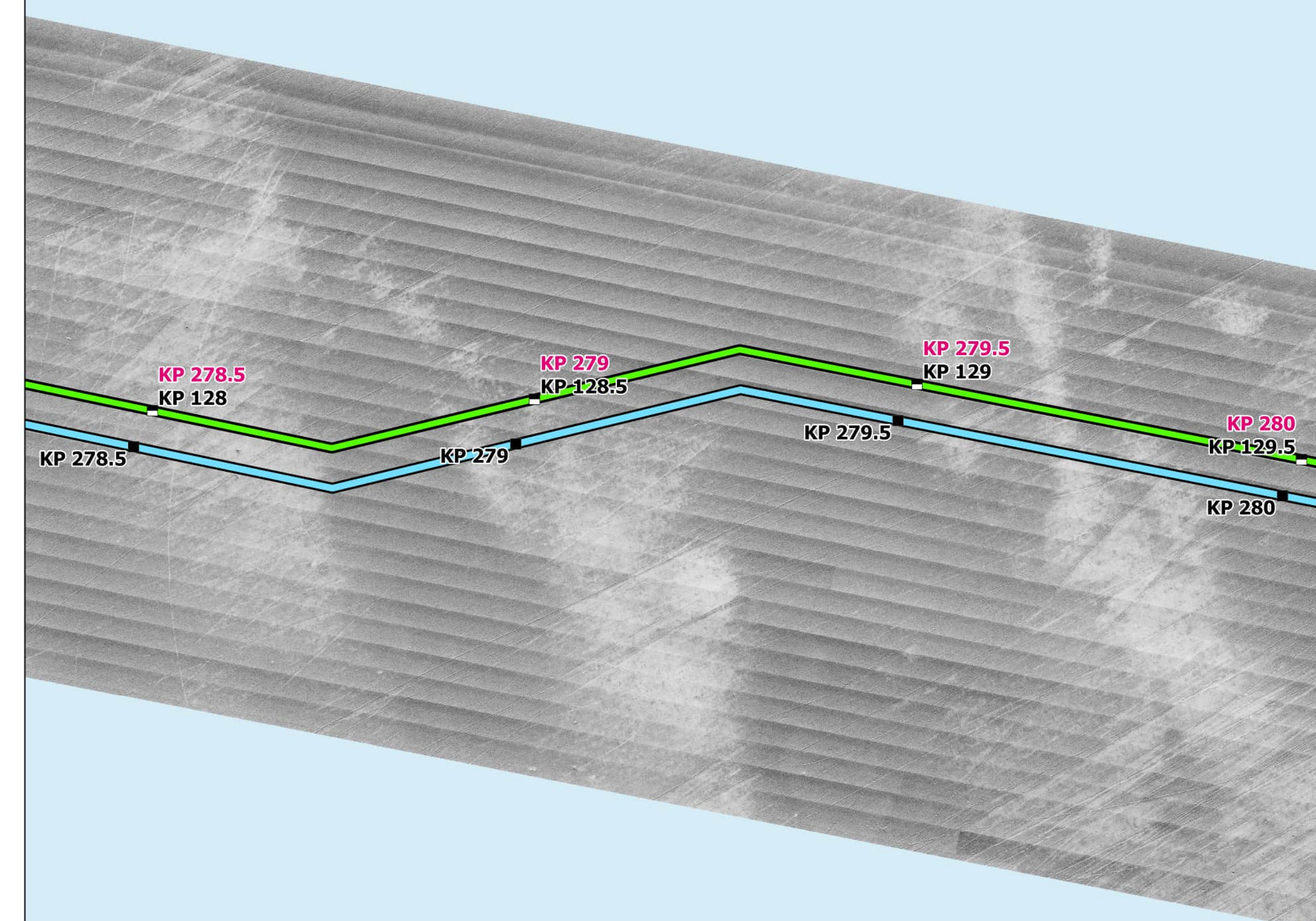
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

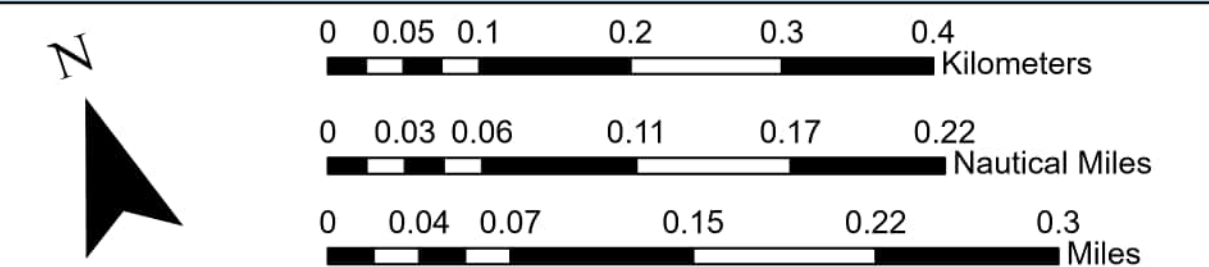
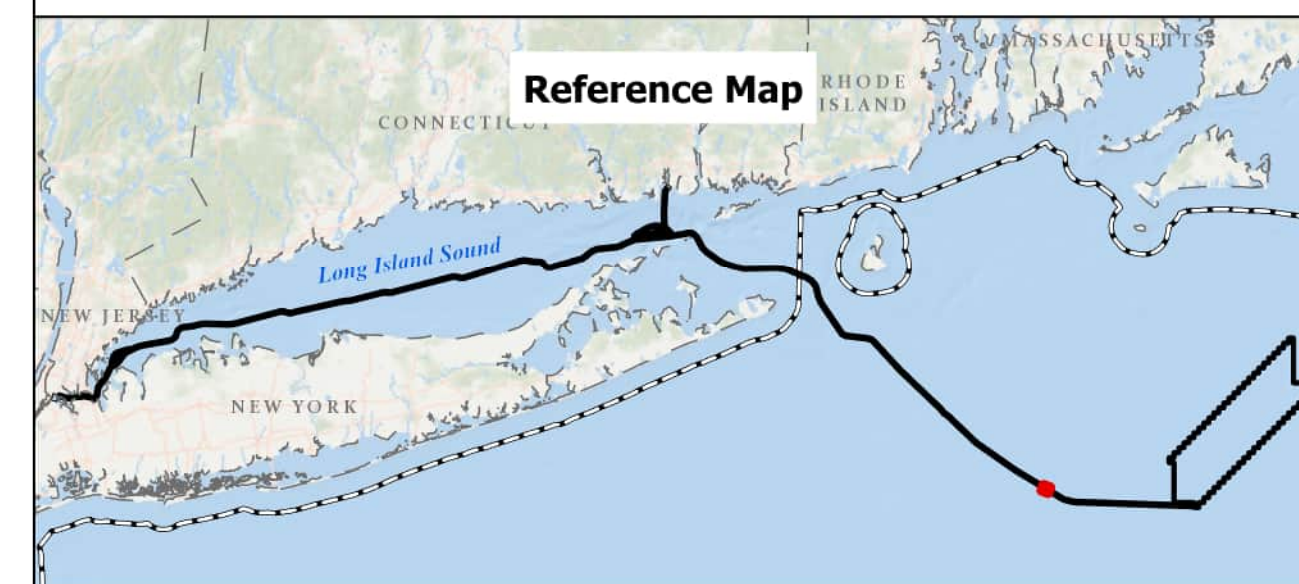
- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification**
 - Soft Sediment Fauna
 - Muddy Sand
- CMECS Biotic**
 - Sandy Mud
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

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Date: 2/28/2023

Scale: 1:5,000



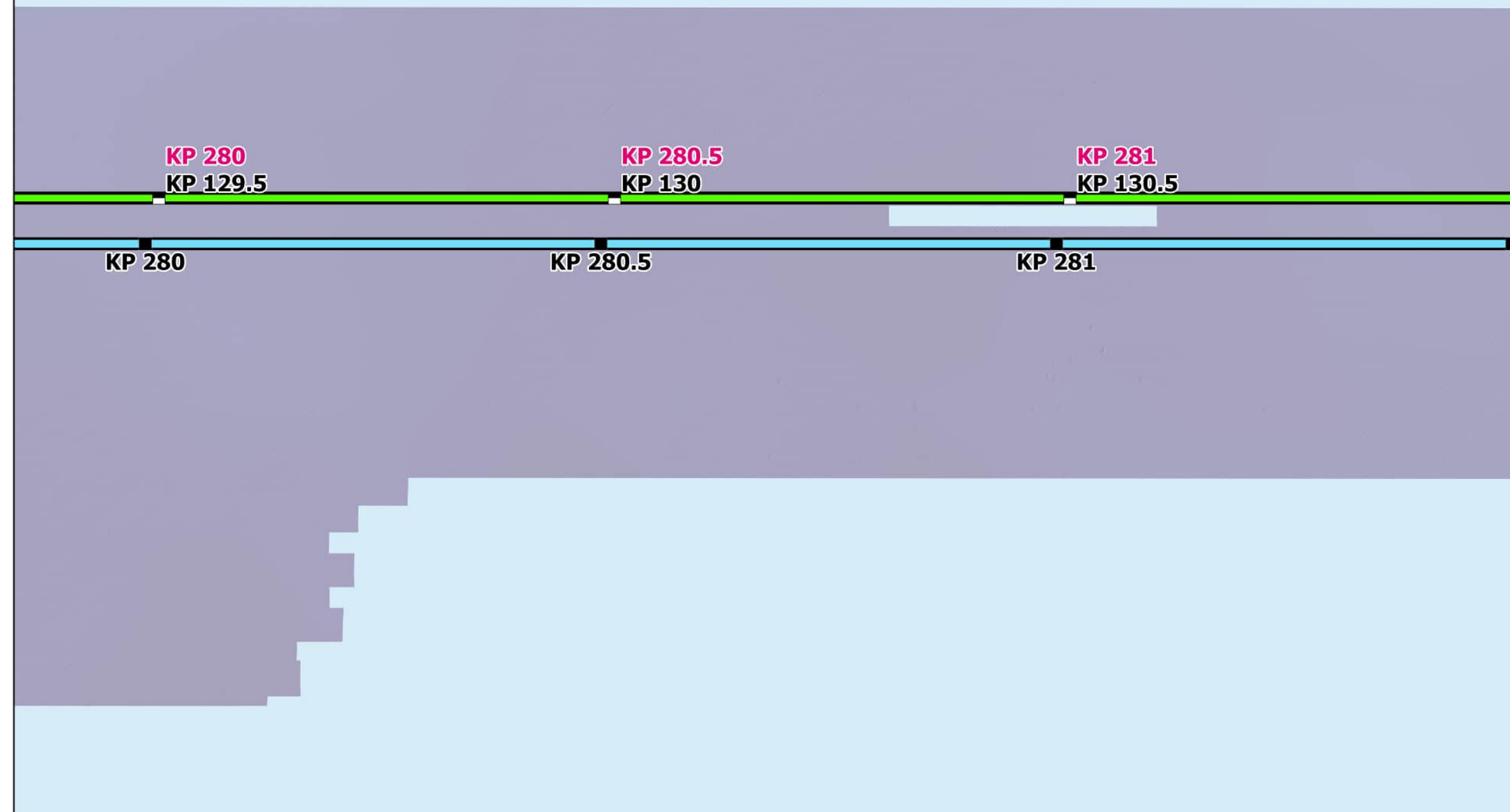
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 206

BW1 (NY) - KP 278.5 - KP 280
BW2 (NY) - KP 278.5 - KP 280
BW2 (CT) - KP 128 - KP 129.5

Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



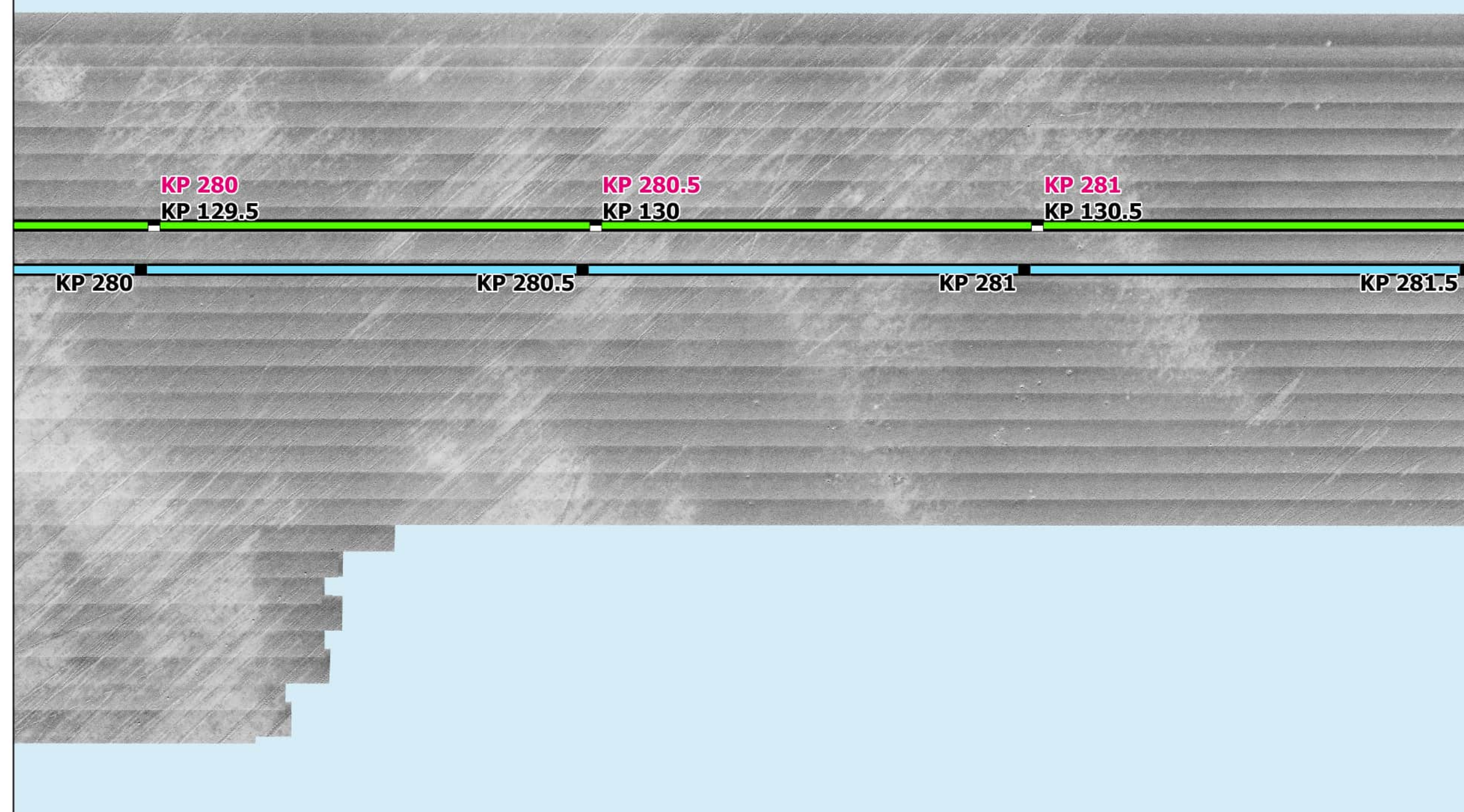
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



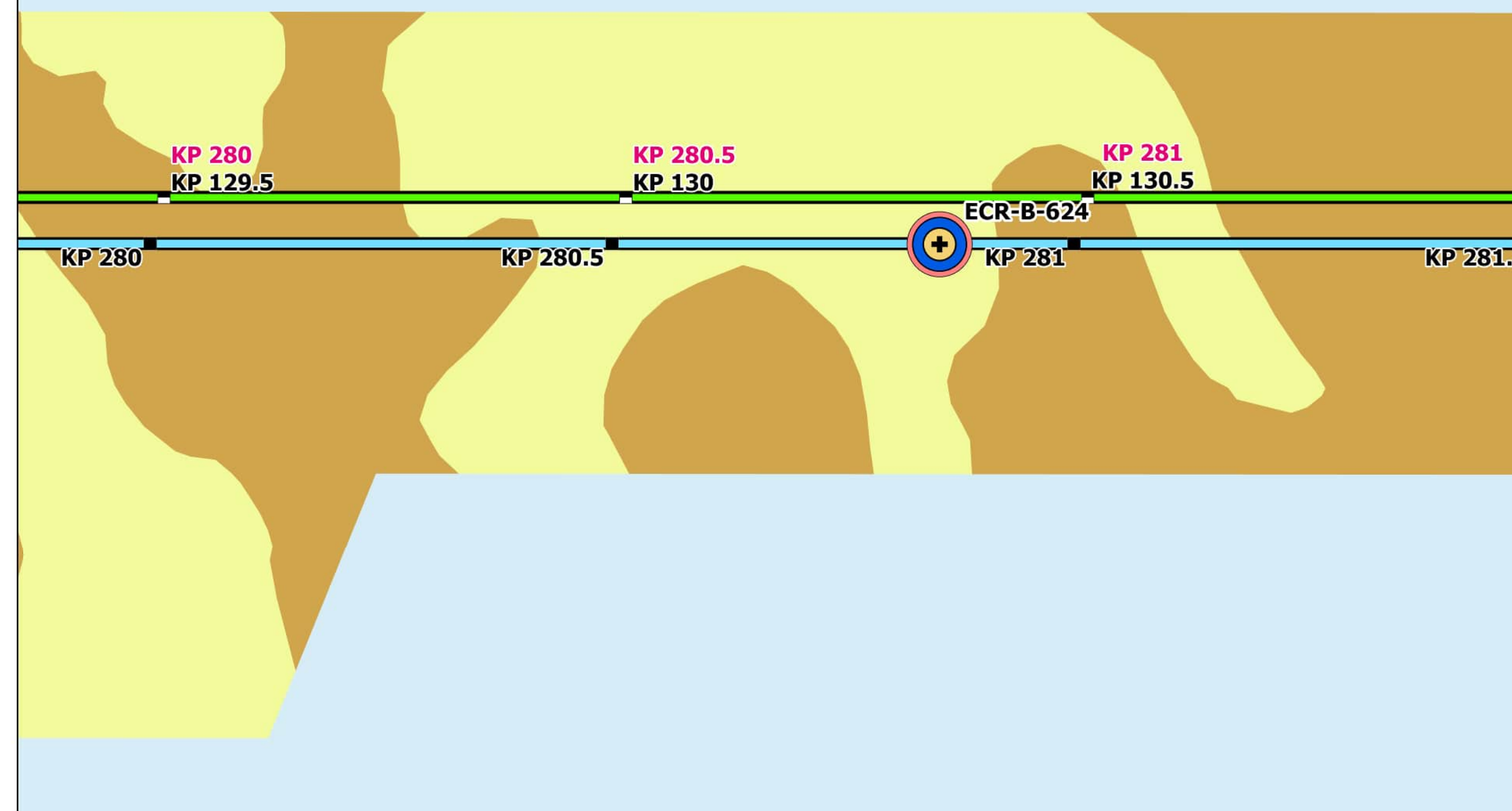
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar

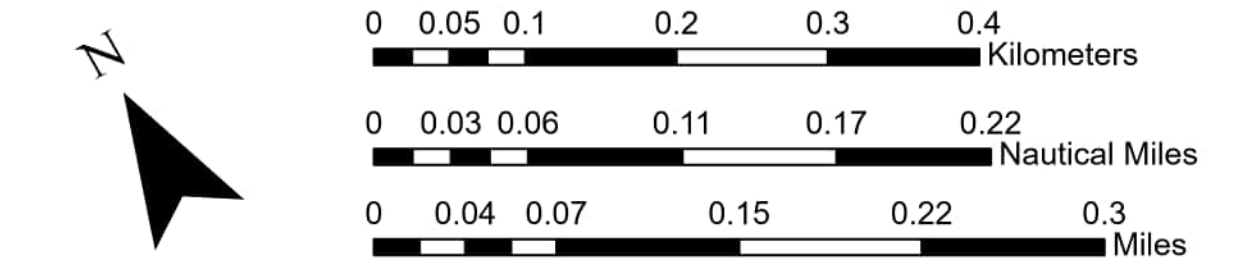
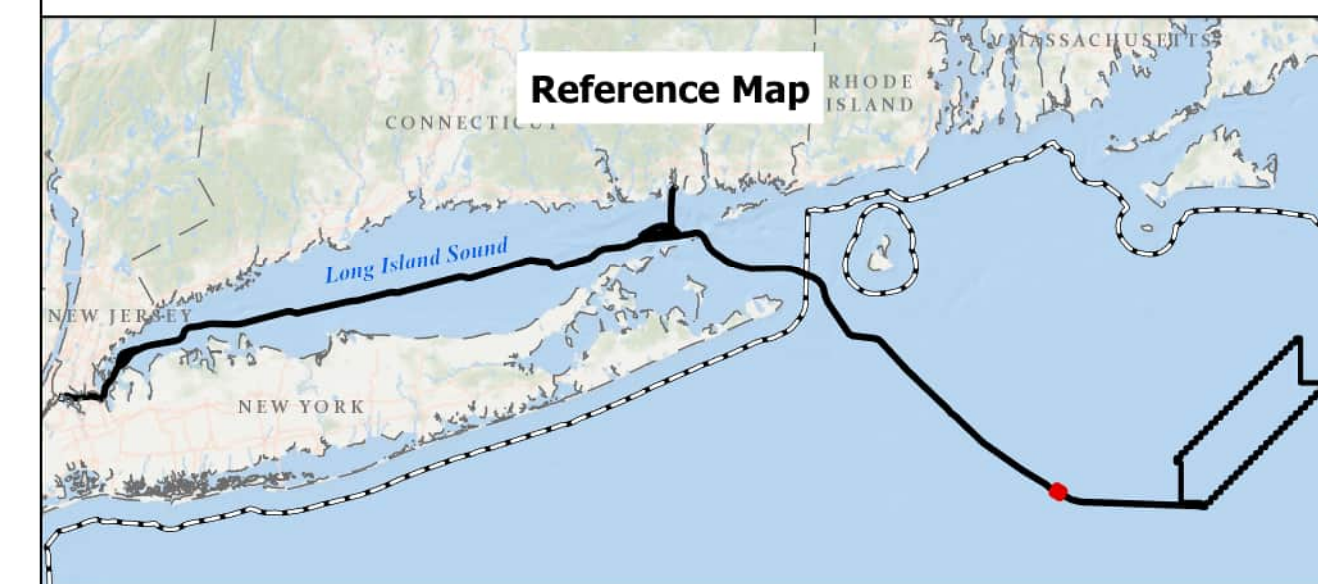


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ⊕ Grab and Video
- CMECS Classification**
 - Soft Sediment Fauna
 - Muddy Sand
- CMECS Substrate**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat
- CMECS Geoform**
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note: 1) Legend only shows items visible in the current map extent.

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Scale: 1:5,000



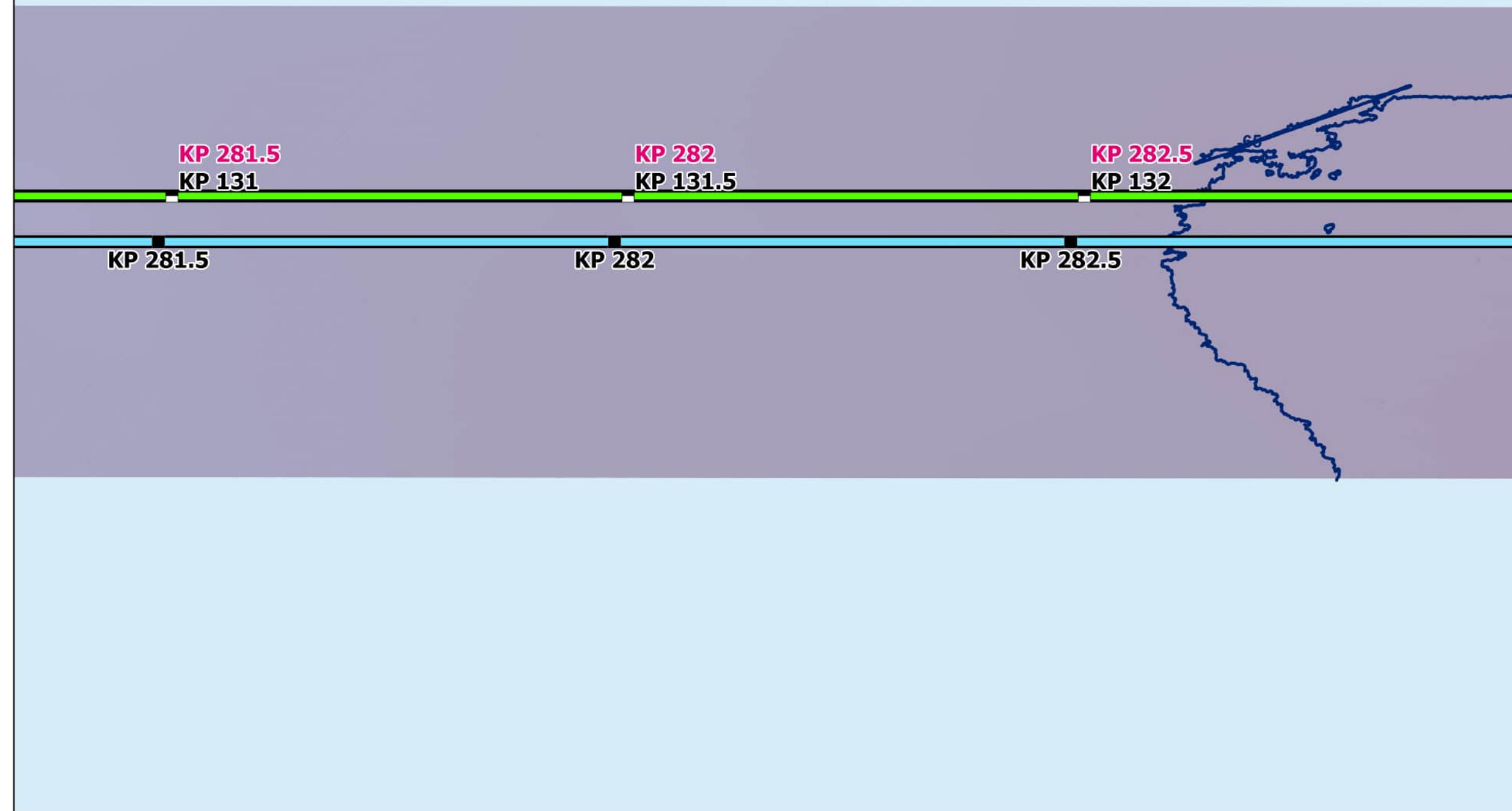
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 207

BW1 (NY) - KP 280 - 281.5
BW2 (NY) - KP 280 - 281
BW2 (CT) - KP 129.5 - KP 130

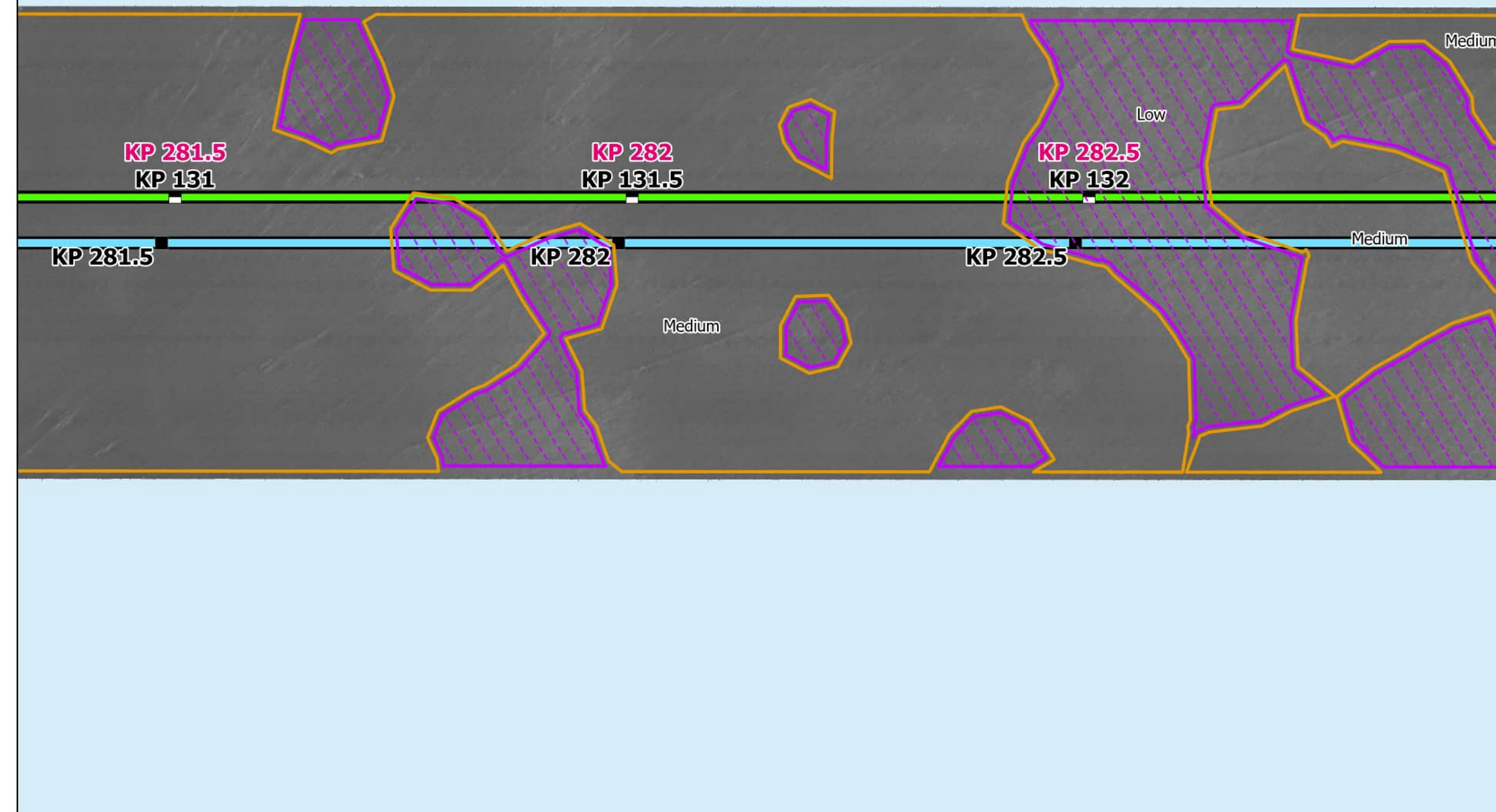
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



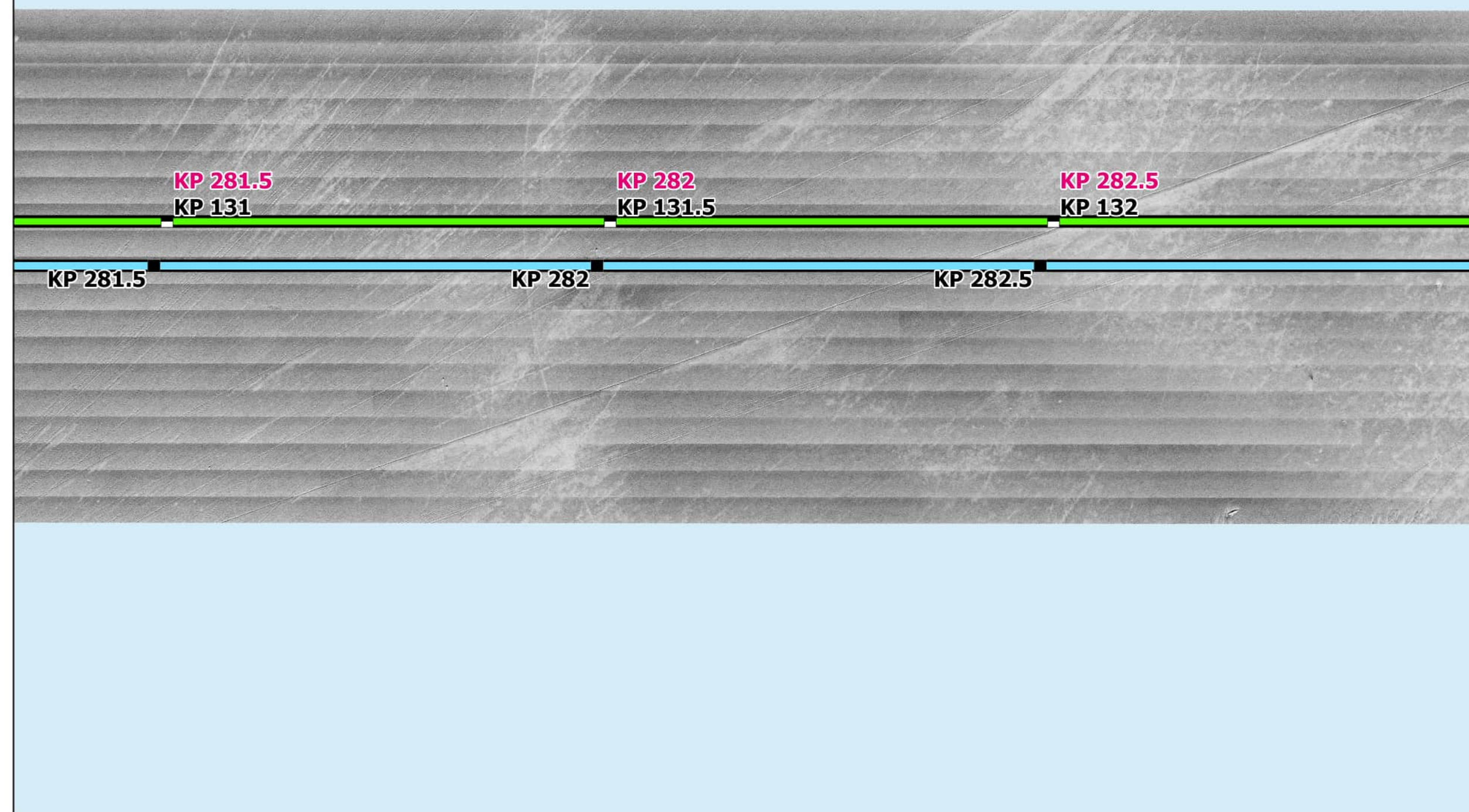
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



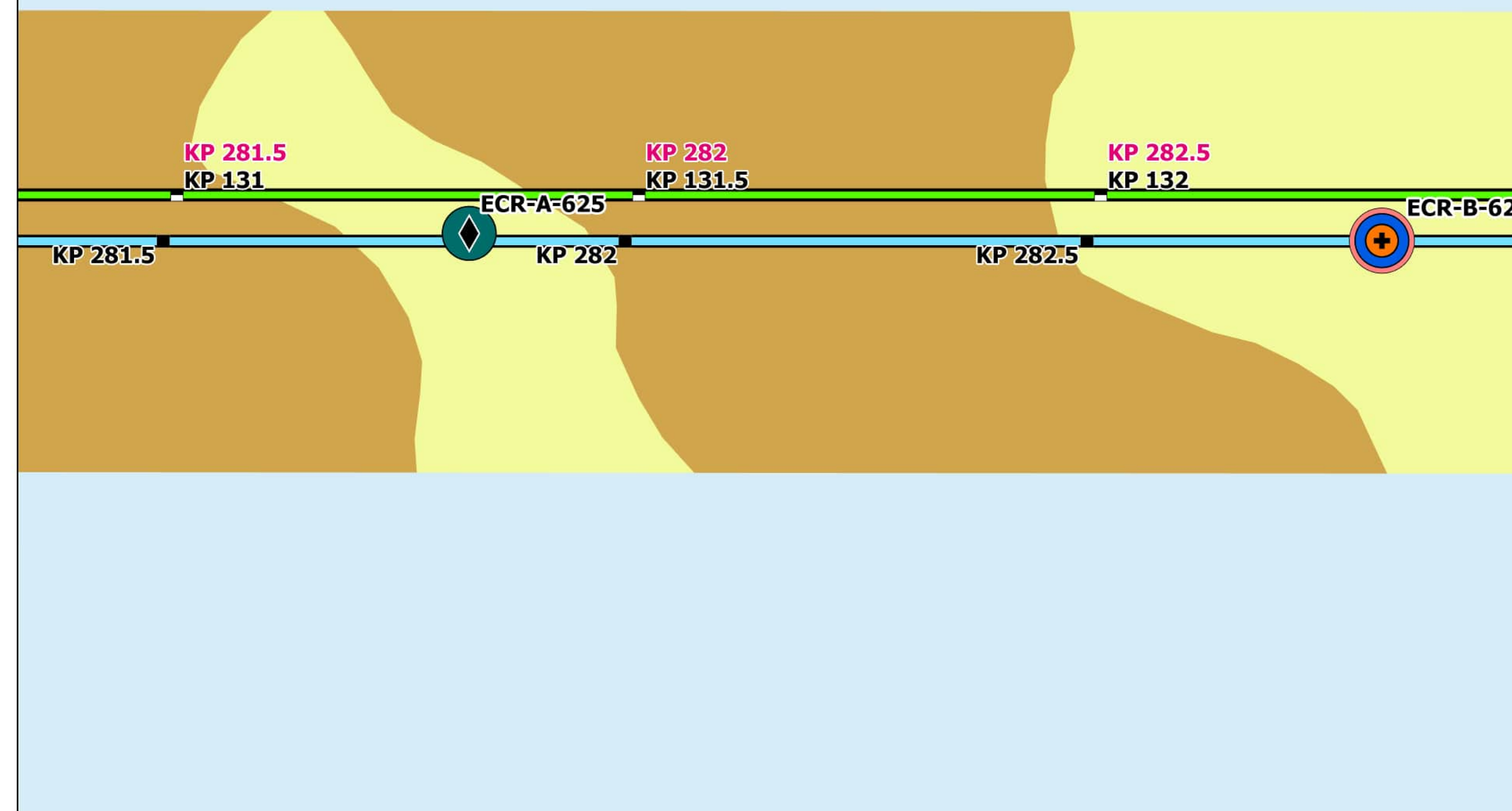
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

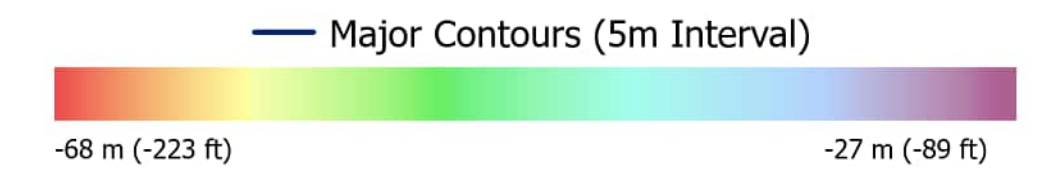


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

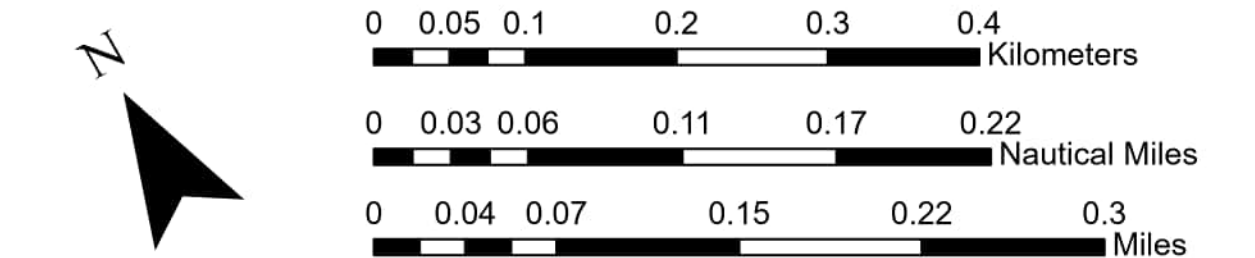
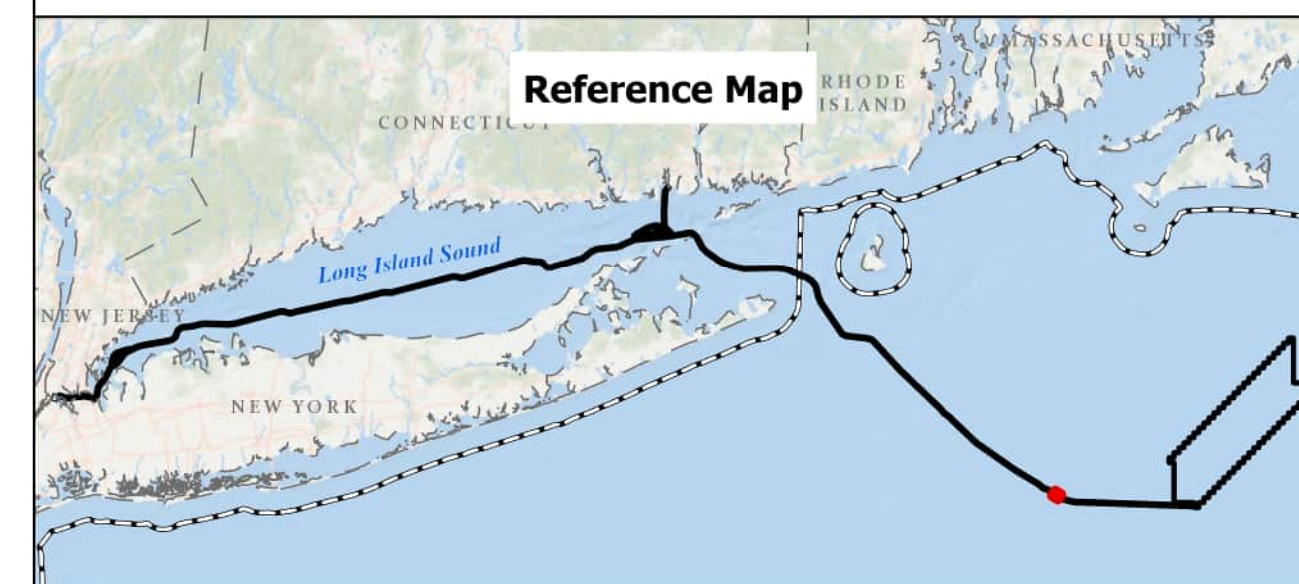
- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification**
 - Starfish Bed
 - Muddy Sand
- CMECS Biotic**
 - Burrows/Bioturbation
- CMECS Substrate**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat
- Station Type**
 - Sandy Mud
- CMECS Geoform**
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



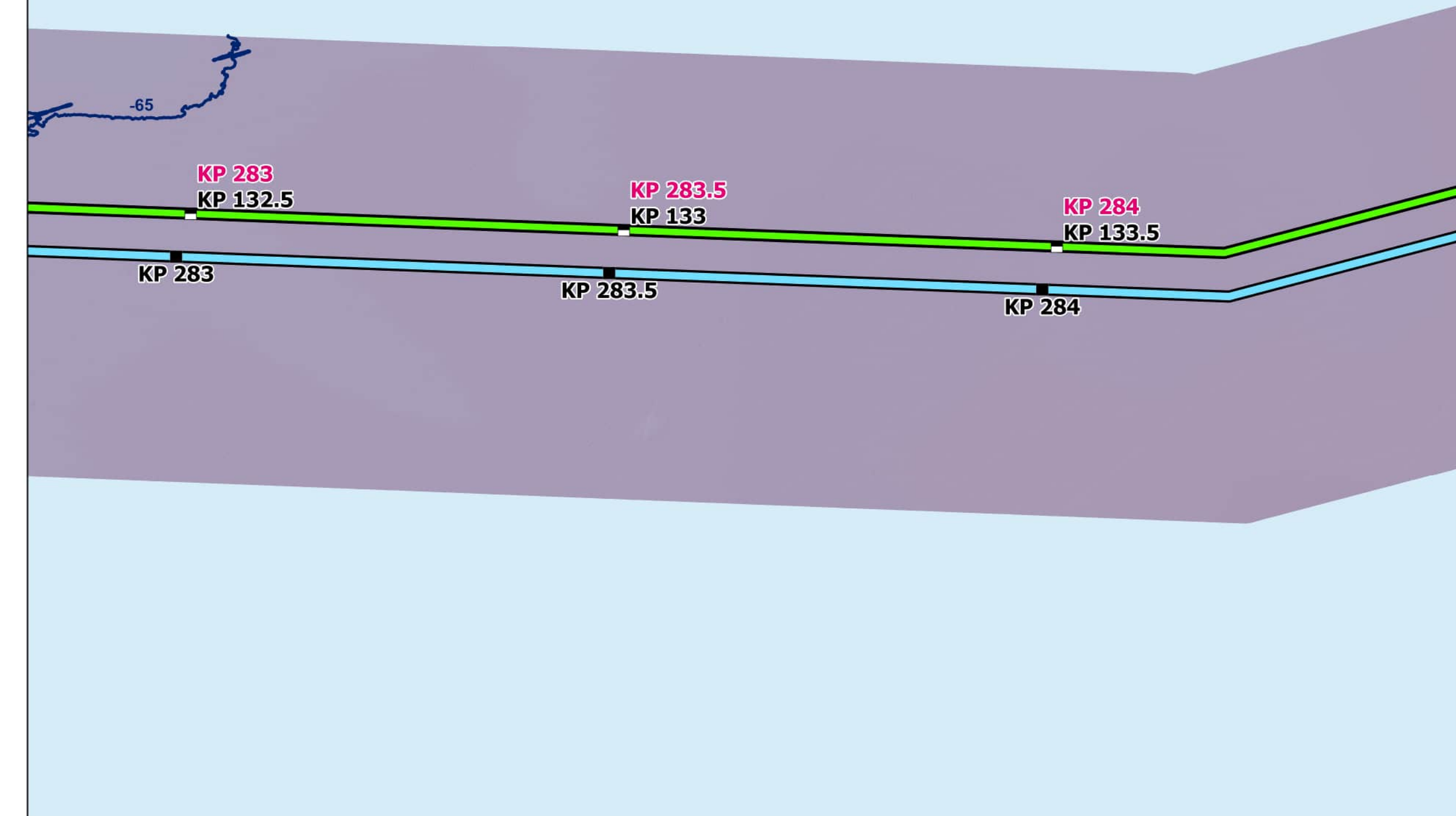
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 208

BW1 (NY) - KP 281.5 - KP 282.5
BW2 (NY) - KP 281.5 - KP 282.5
BW2 (CT) - KP 131 - KP 132

Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



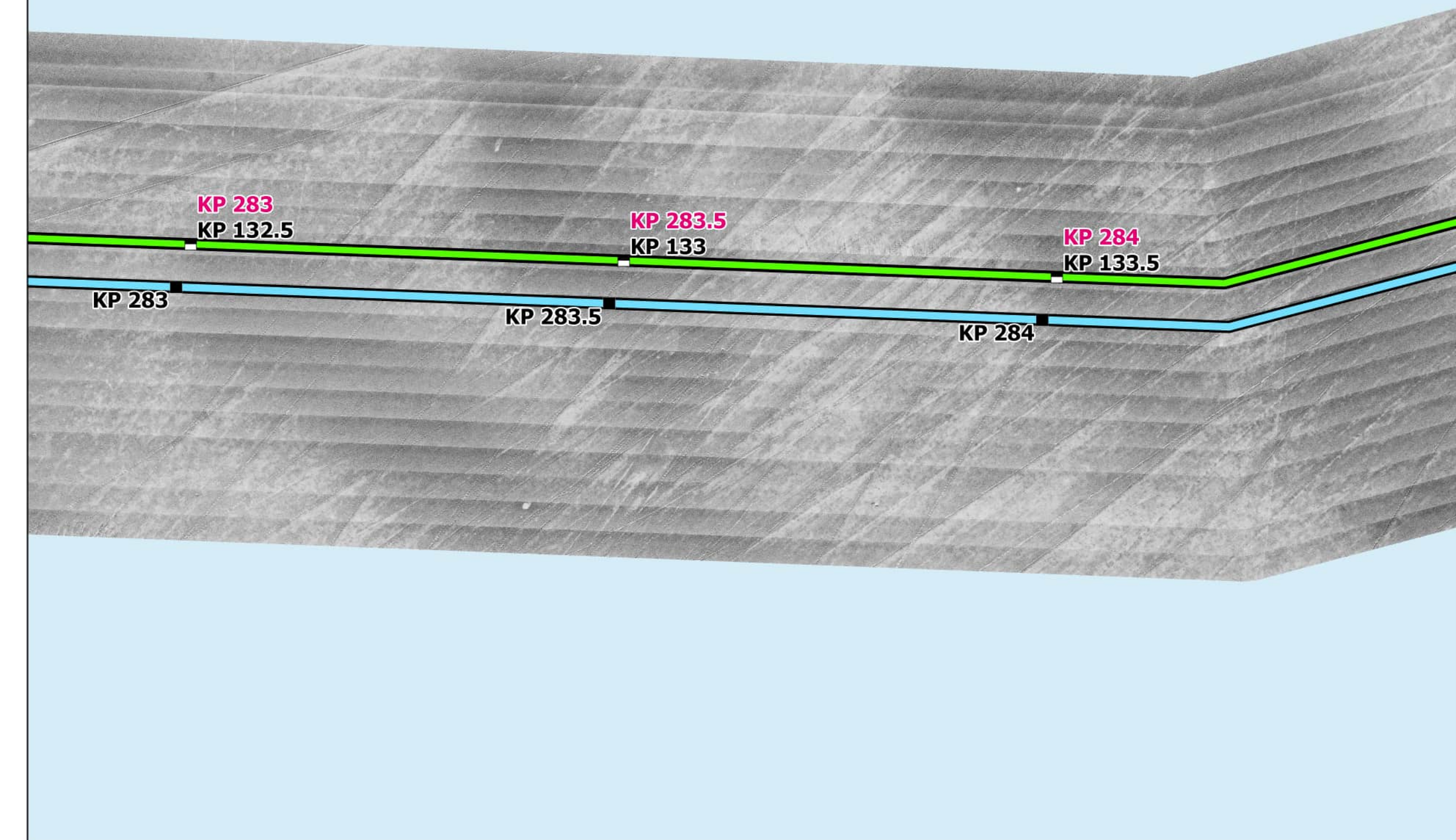
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



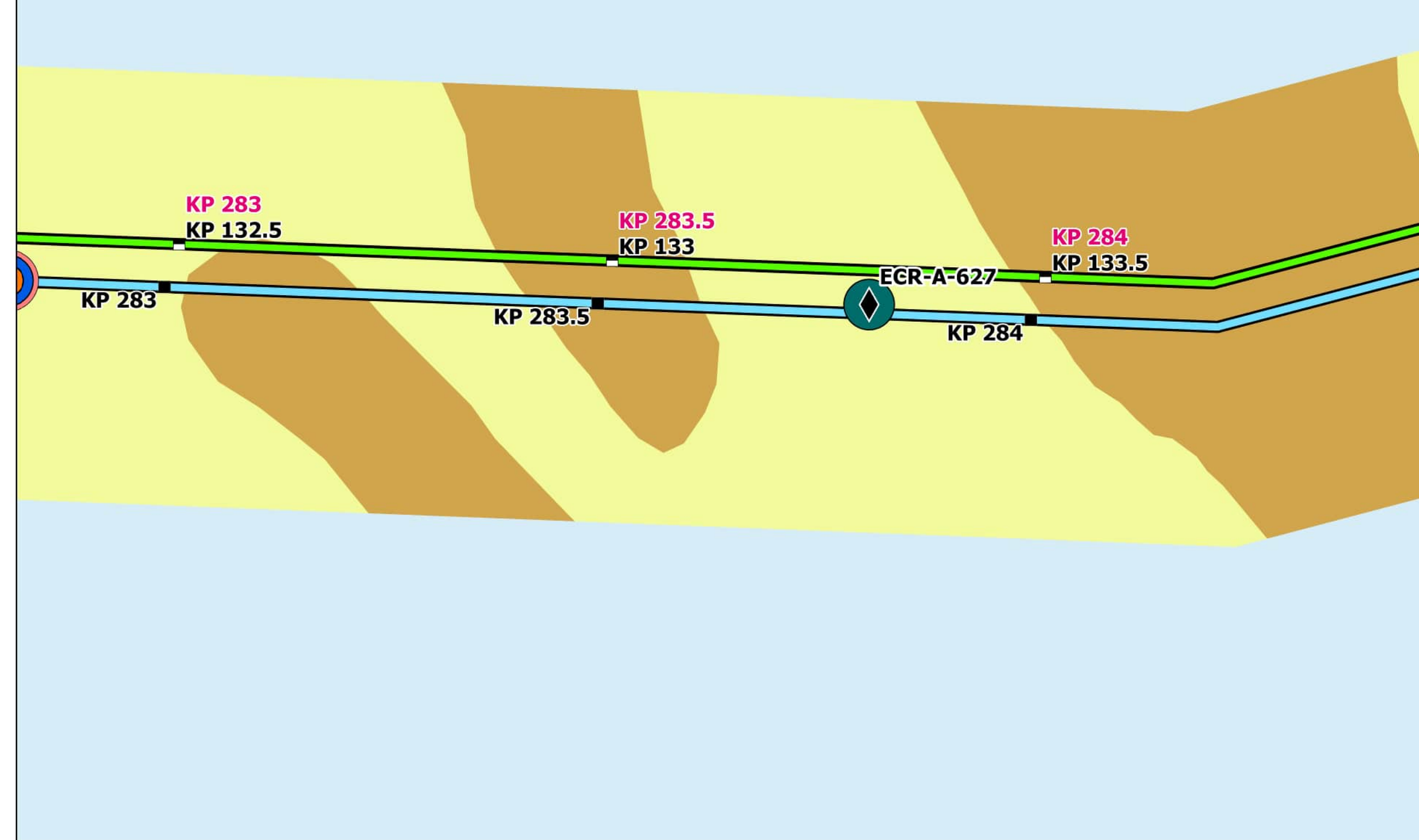
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

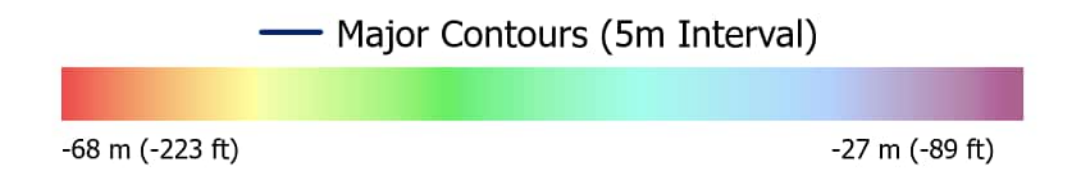


Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

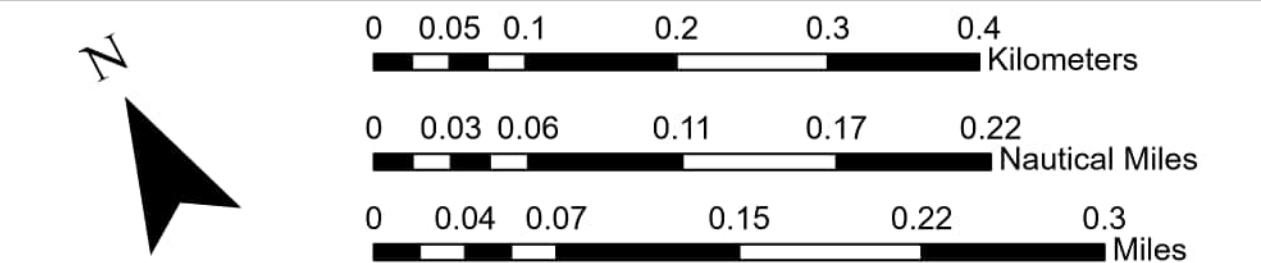
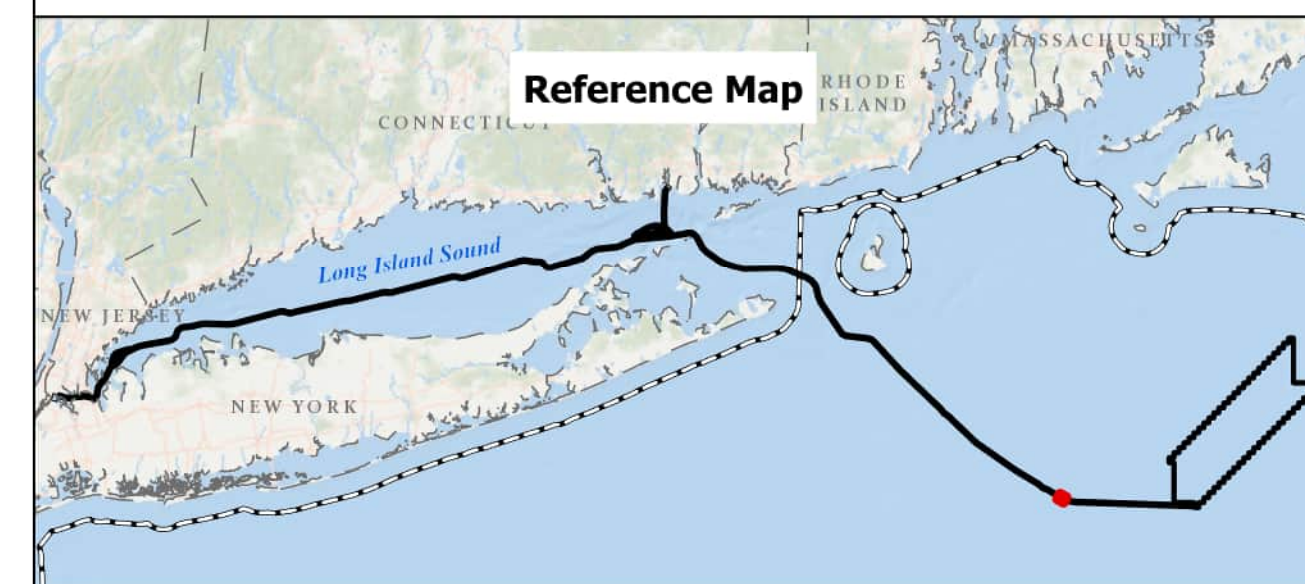
- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification**
 - Starfish Bed
 - Muddy Sand
- CMECS Biotic**
 - Sandy Mud
 - Burrows/Bioturbation
- CMECS Substrate**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



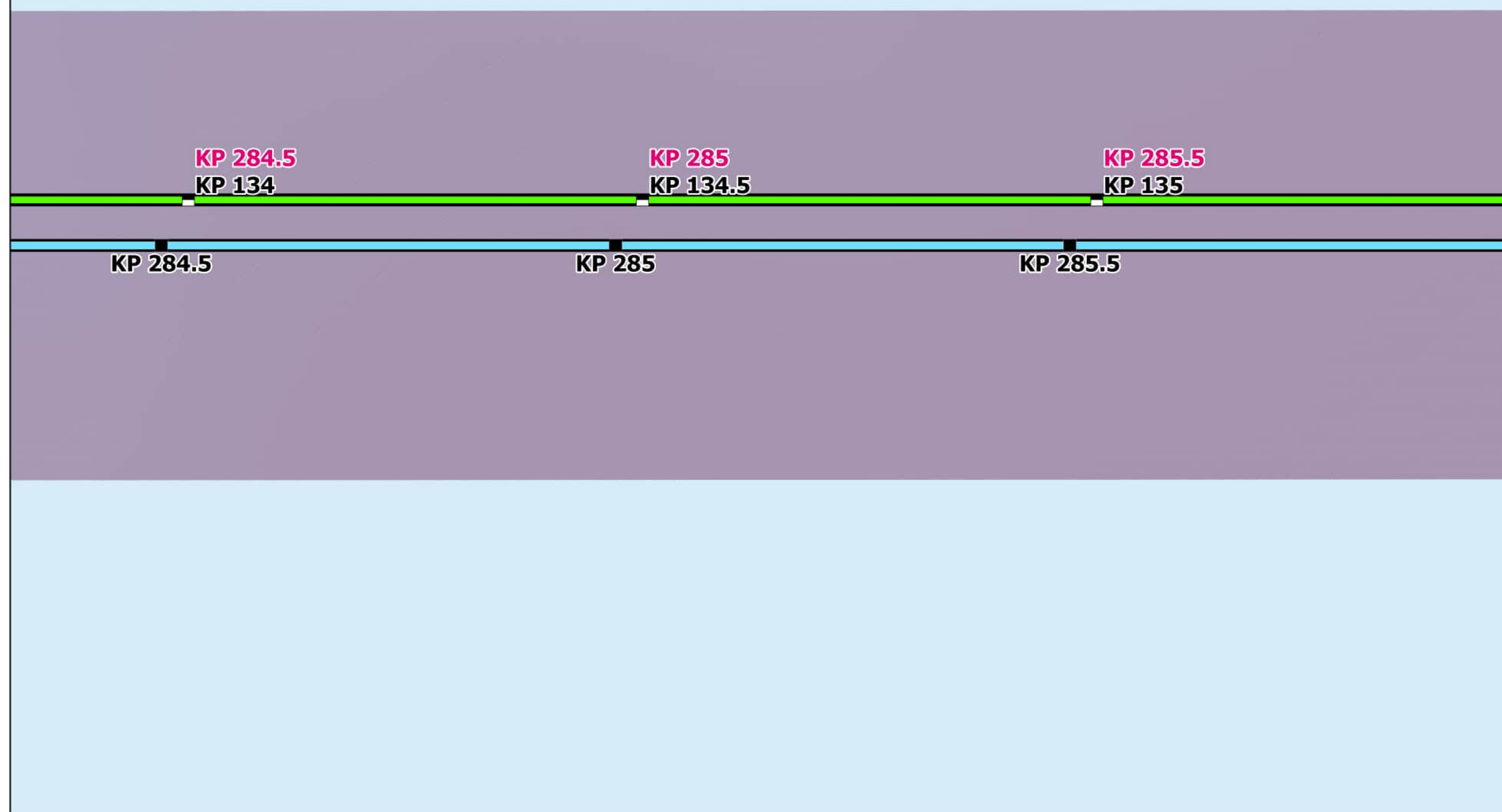
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 209

BW1 (NY) - KP 283 - KP 284
BW2 (NY) - KP 283 - KP 284
BW2 (CT) - KP 132.5 - KP 133.5

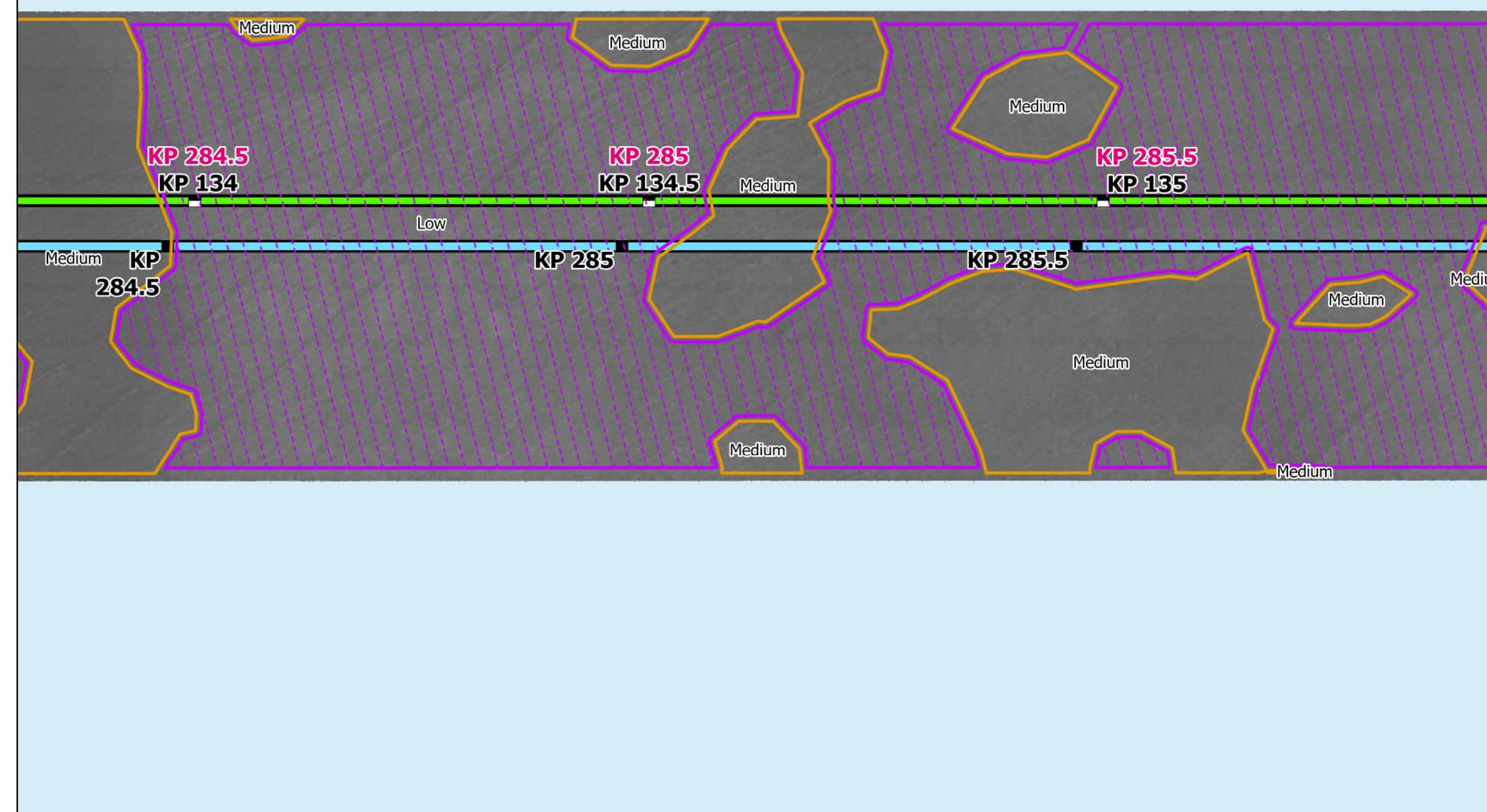
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



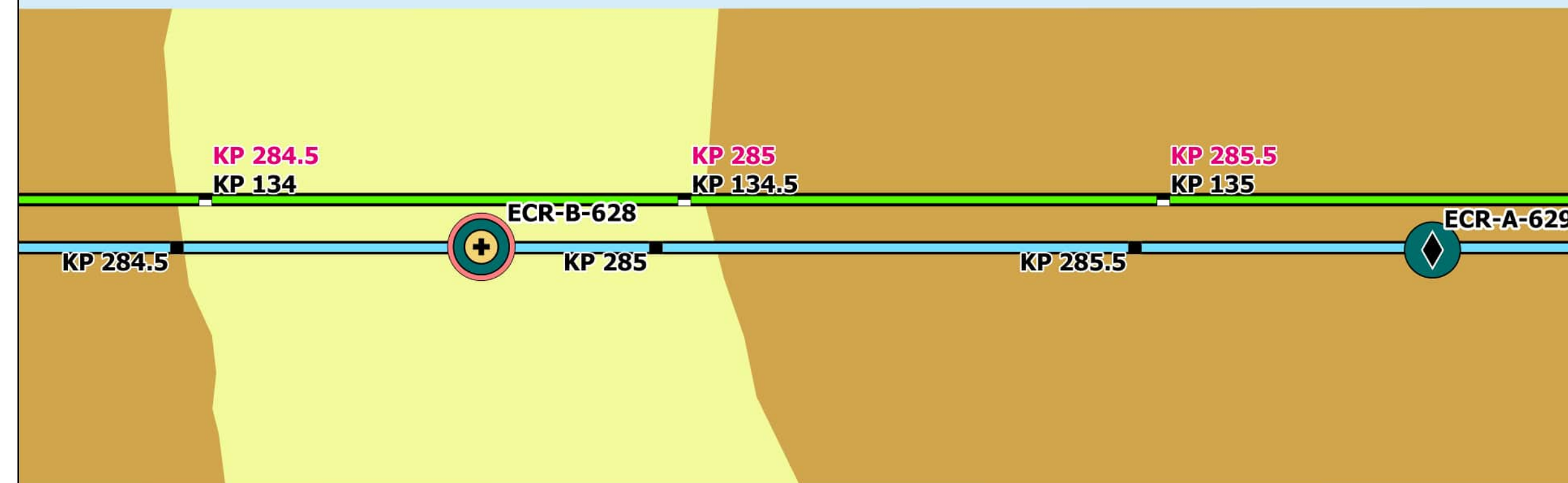
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar

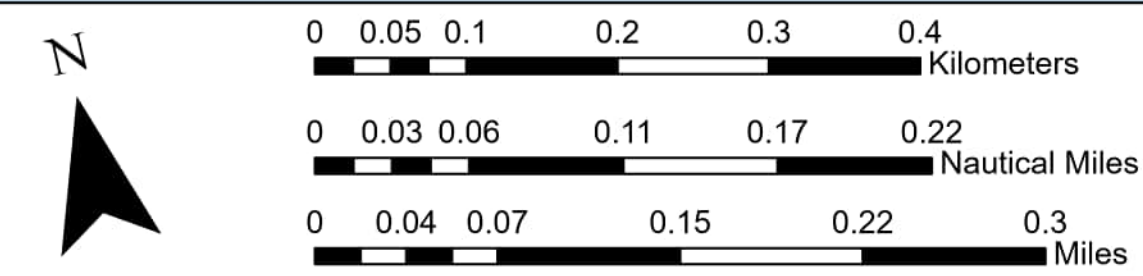
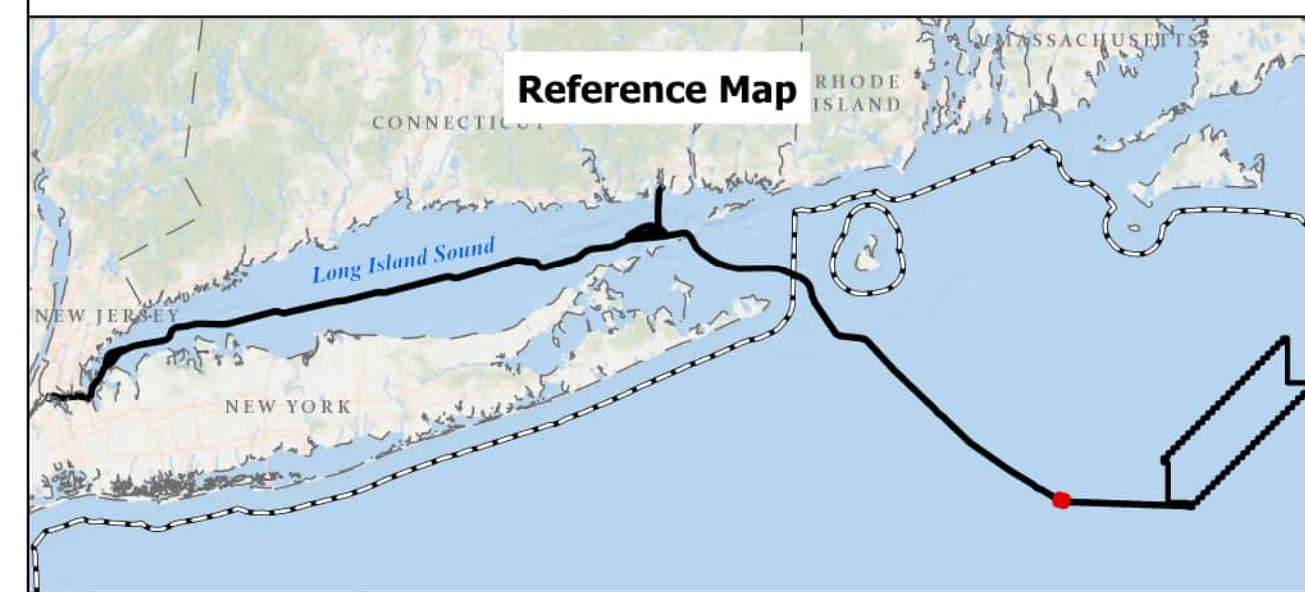


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification**
 - Soft Sediment Fauna
 - CMECS Substrate
 - Sandy Mud
- CMECS Geoform**
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



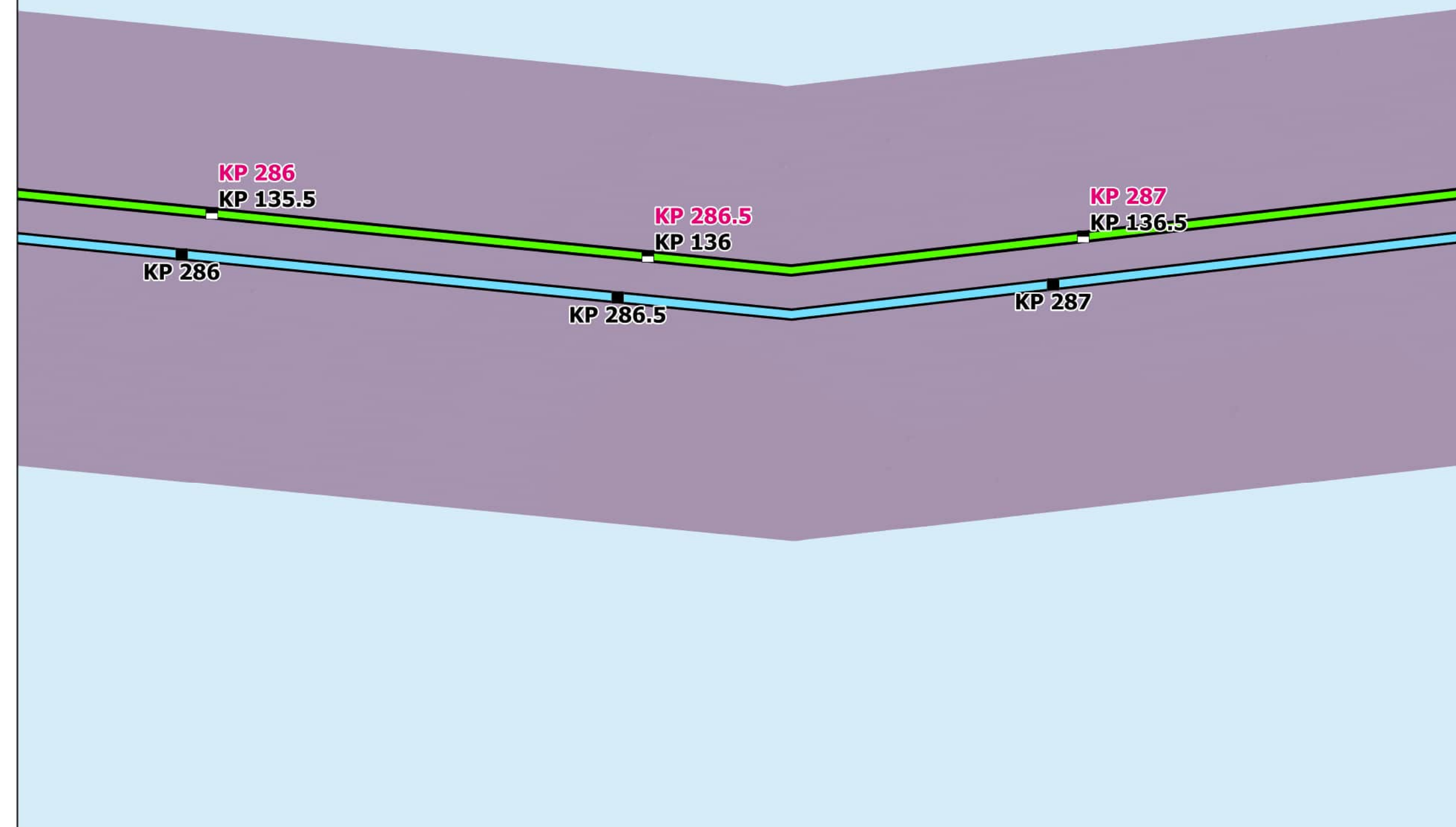
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 210

BW1 (NY) - KP 284.5 - KP 285.5
BW2 (NY) - KP 284.5 - KP 285.5
BW2 (CT) - KP 134 - KP 135

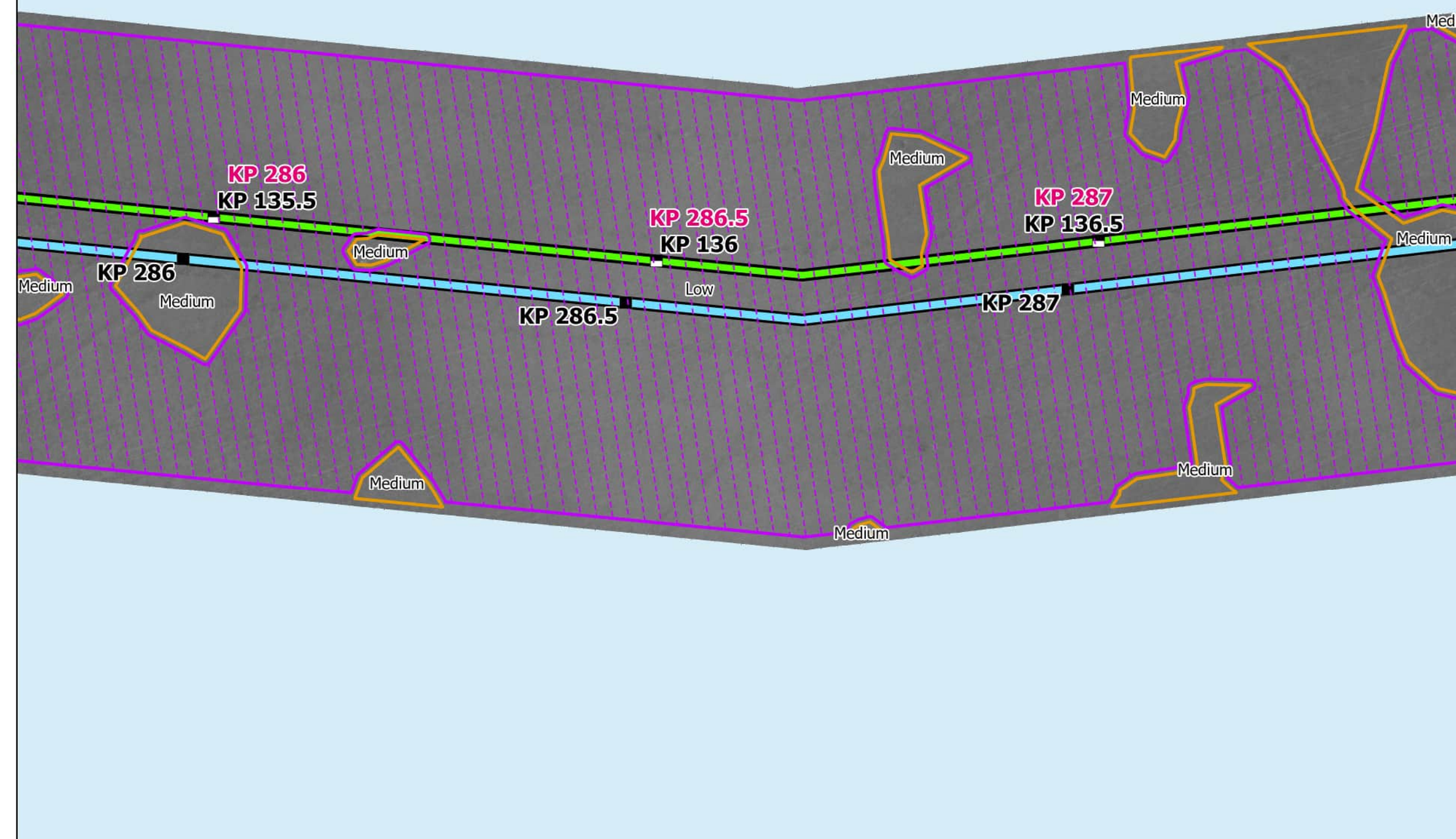
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



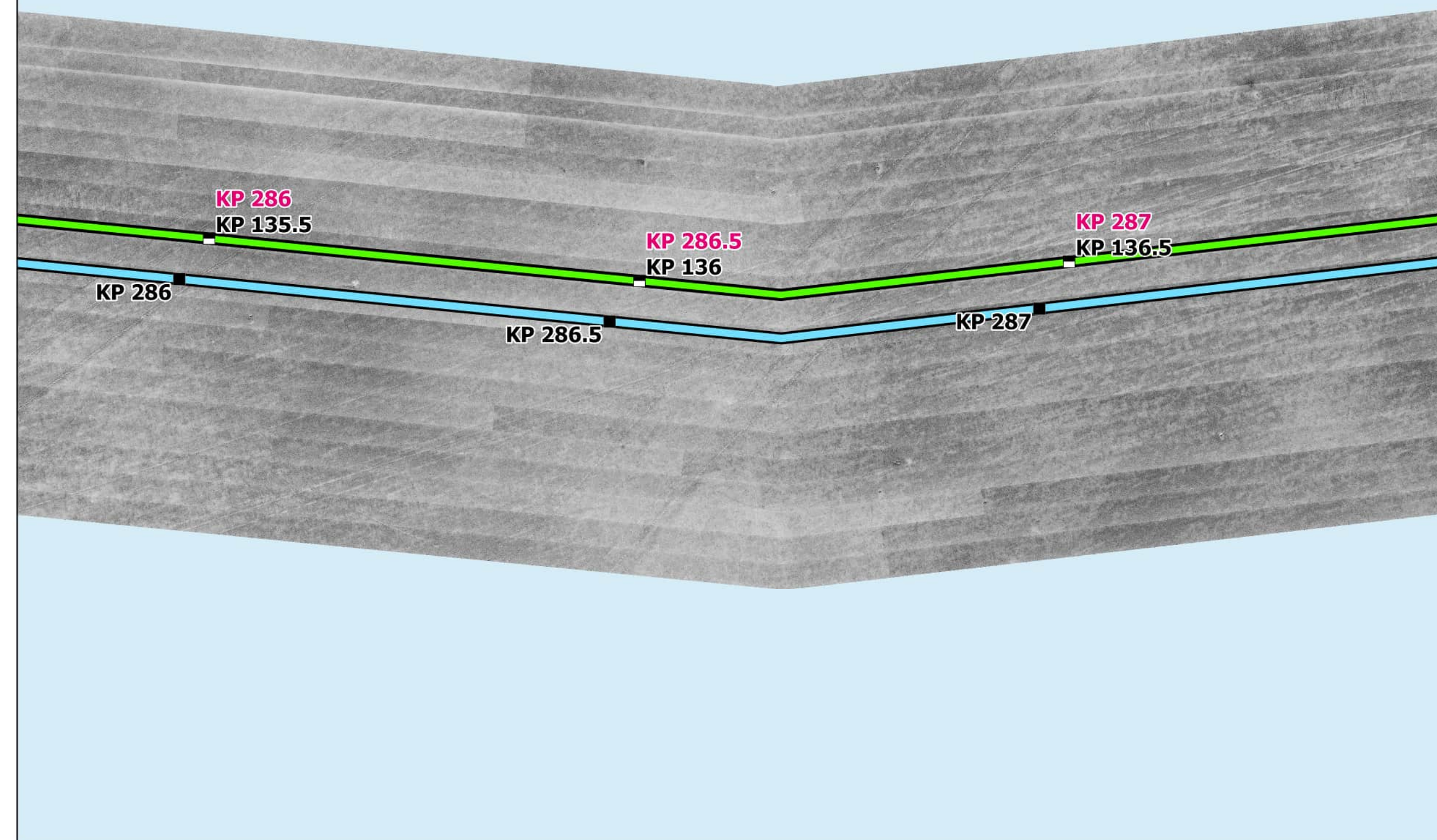
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



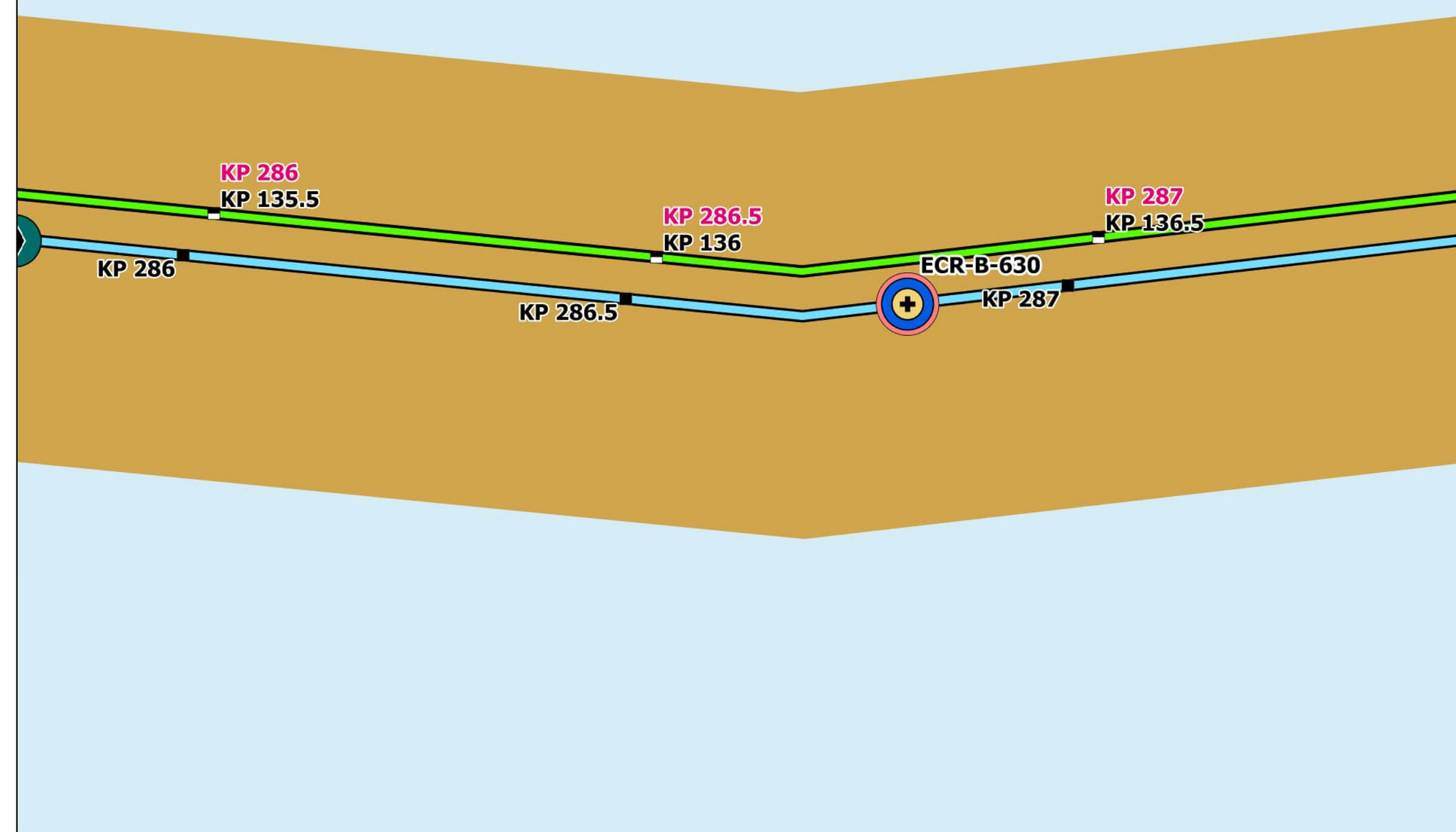
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

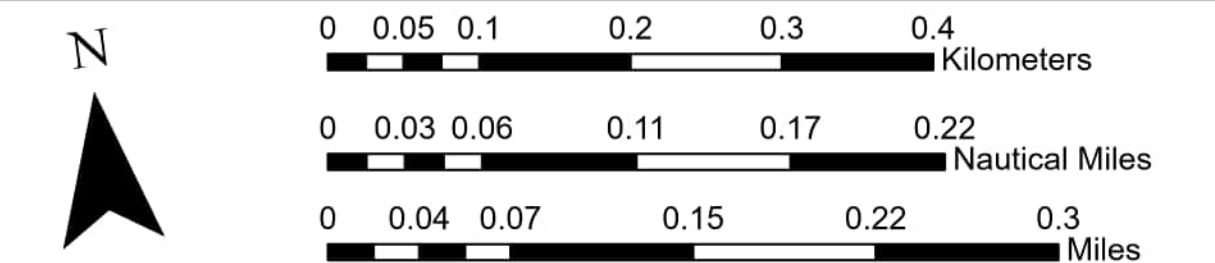
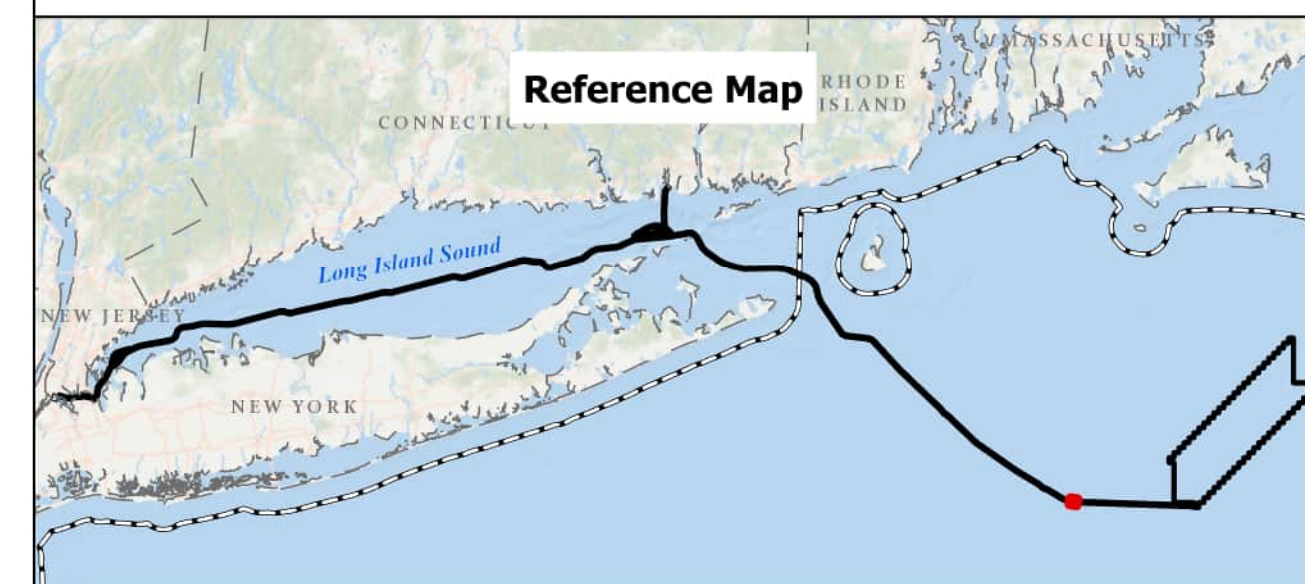
- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification**
 - Soft Sediment Fauna
 - Muddy Sand
- CMECS Biotic**
 - Sandy Mud
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



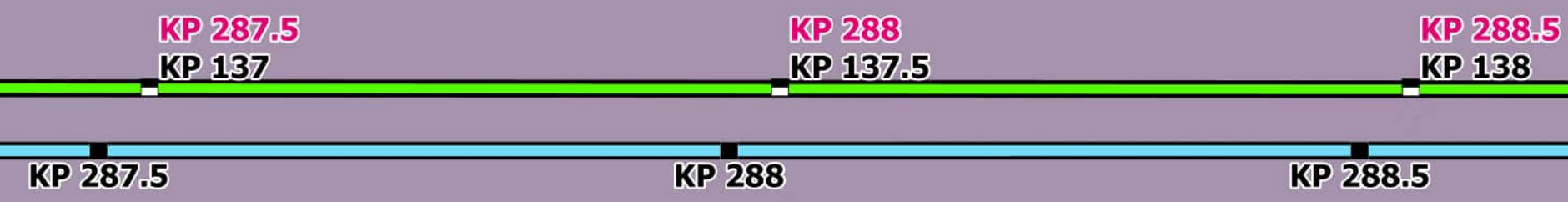
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 111

BW1 (NY) - KP 286 - KP 287
BW2 (NY) - KP 286 - KP 287
BW2 (CT) - KP 135.5 - KP 136.5

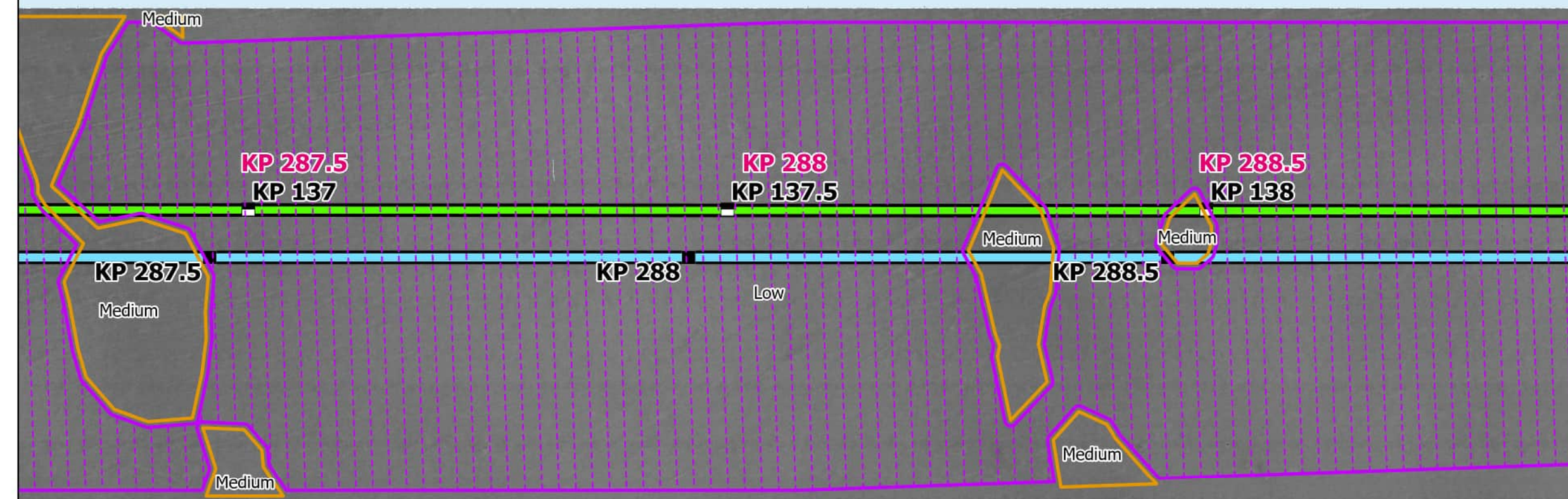
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



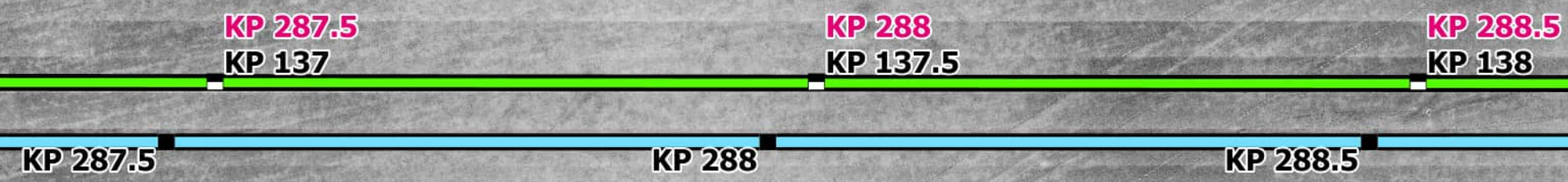
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



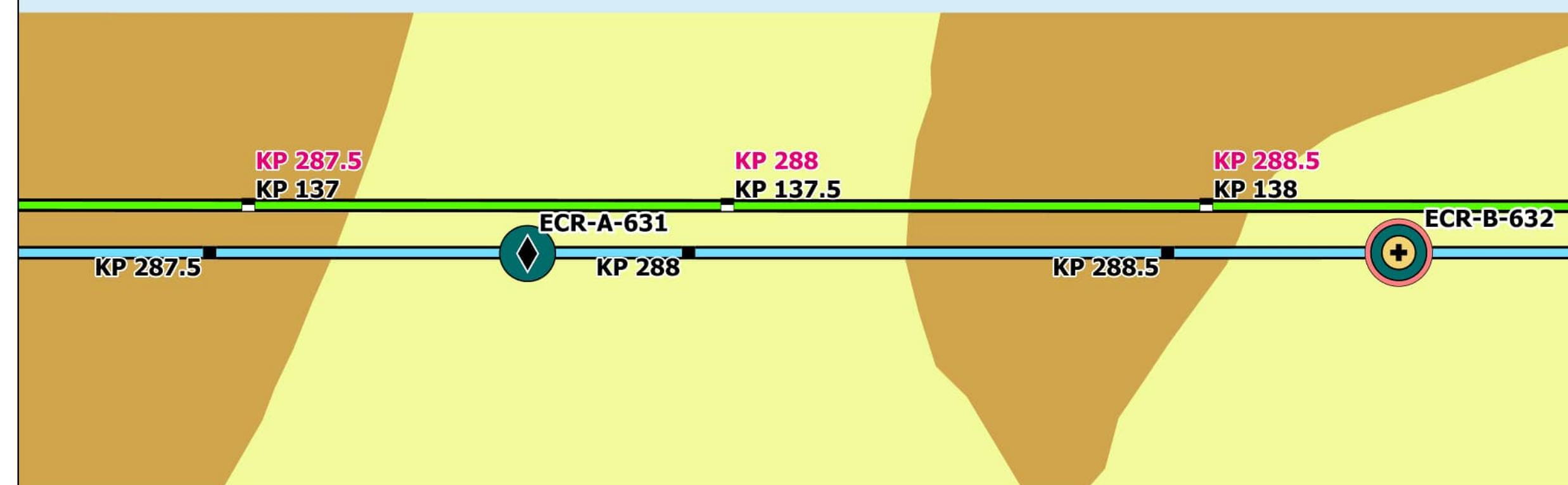
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



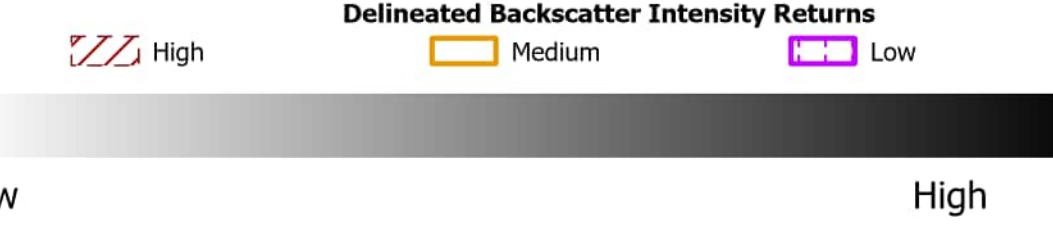
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

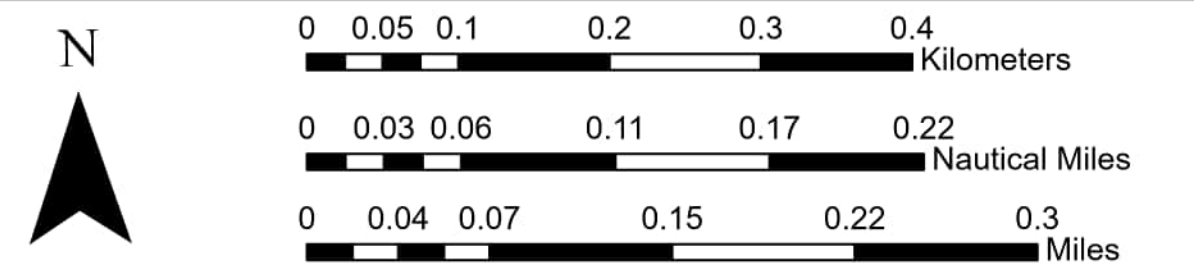
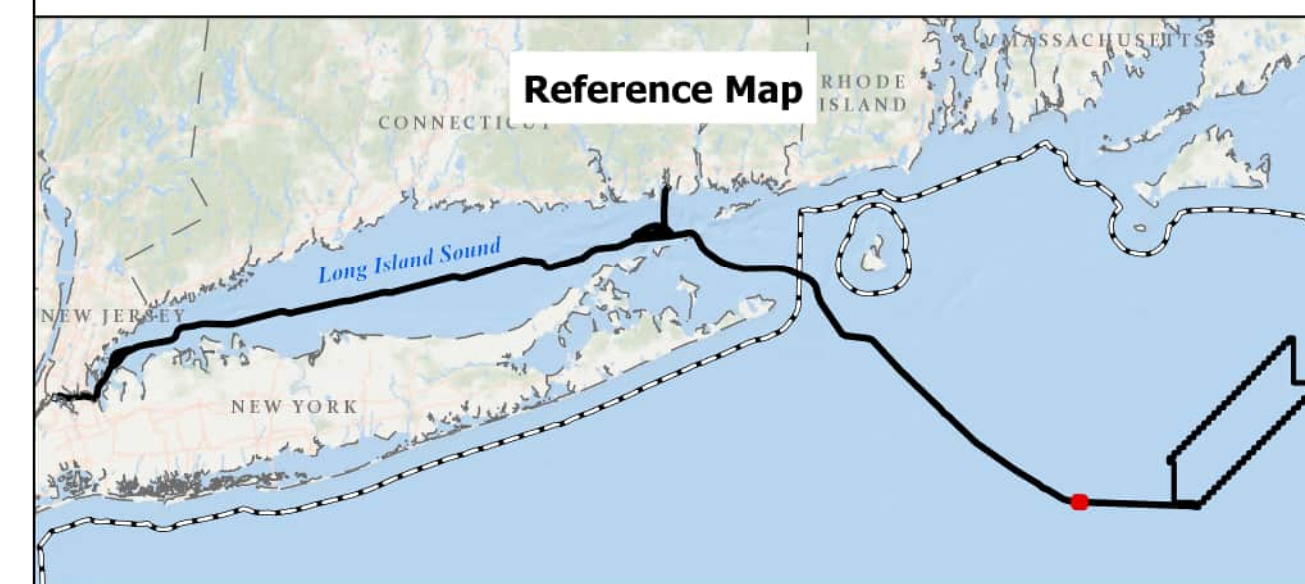
- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification**
 - Soft Sediment Fauna
 - Sandy Mud
- CMECS Geoform**
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 212

BW1 (NY) - KP 287.5 - KP 288.5
BW2 (NY) - KP 287.5 - KP 288.5
BW2 (CT) - KP 137 - KP 138

Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)

KP 289
KP 138.5

KP 289.5
KP 139

KP 290
KP 139.5

KP 289

KP 289.5

KP 290

Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)

KP 289
KP 138.5

KP 289.5
KP 139

KP 290
KP 139.5

KP 289

KP 289.5

KP 290

Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)

KP 289
KP 138.5

KP 289.5
KP 139

KP 290
KP 139.5

KP 289

KP 289.5

KP 290

Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

KP 289
KP 138.5

KP 289.5
KP 139

KP 290
KP 139.5

KP 289

KP 289.5

ECR-A-633

KP 290

Map Book Package for Submarine Export Cable Route in Federal Waters

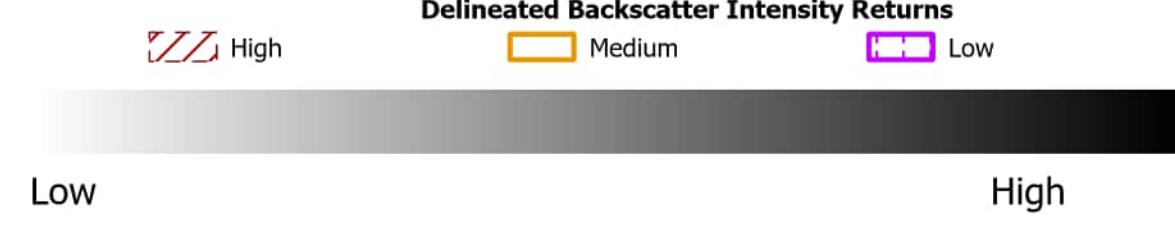


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar

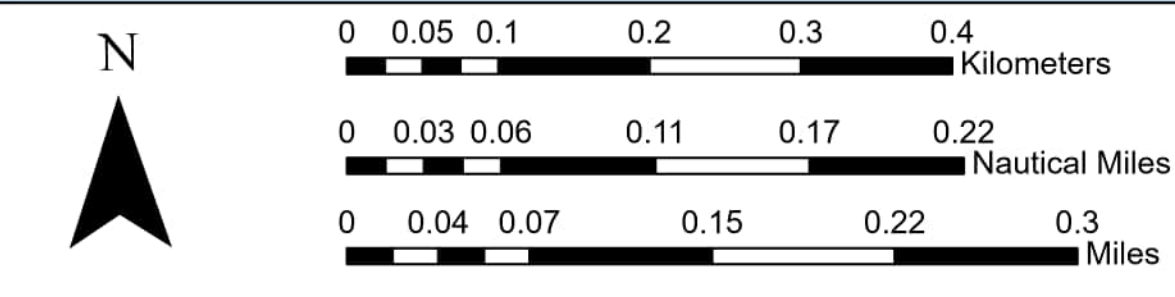
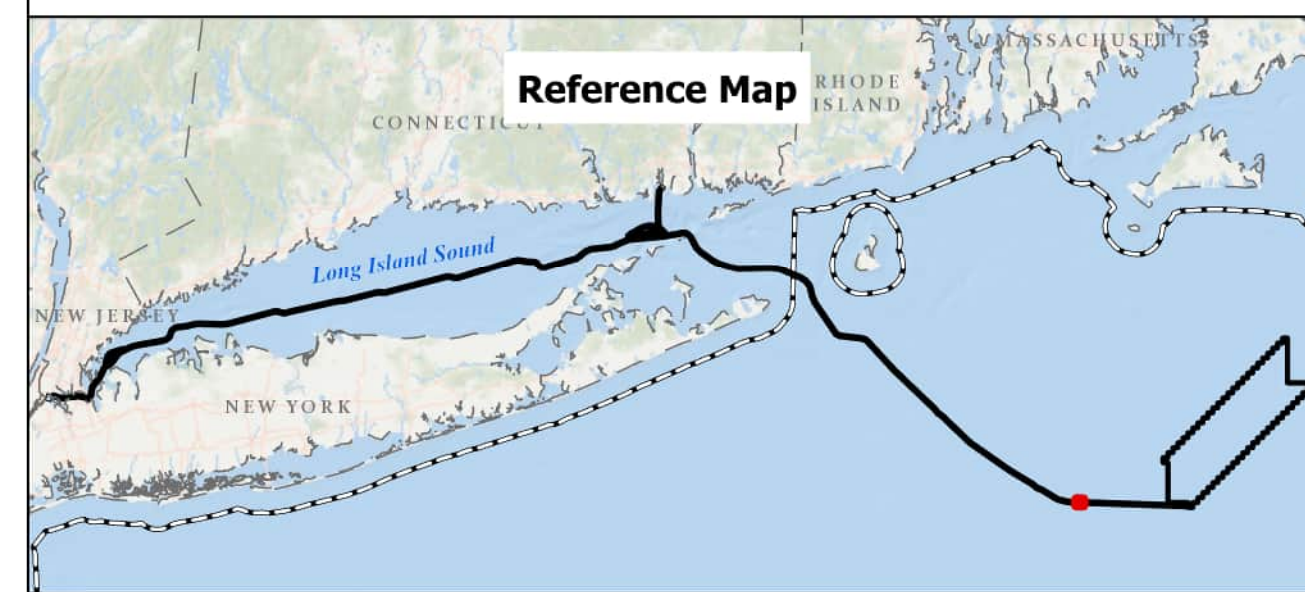


Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

- ◆ SPI/PV
- Sandy Mud
- Interpreted Seabed Sediment/NMFS Habitat Characterization:
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

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Date: 2/28/2023
Scale: 1:5,000



BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 213

BW1 (NY) - KP 289 - KP 290
BW2 (NY) - KP 289 - KP 290
BW2 (CT) - KP 138.5 - KP 139.5

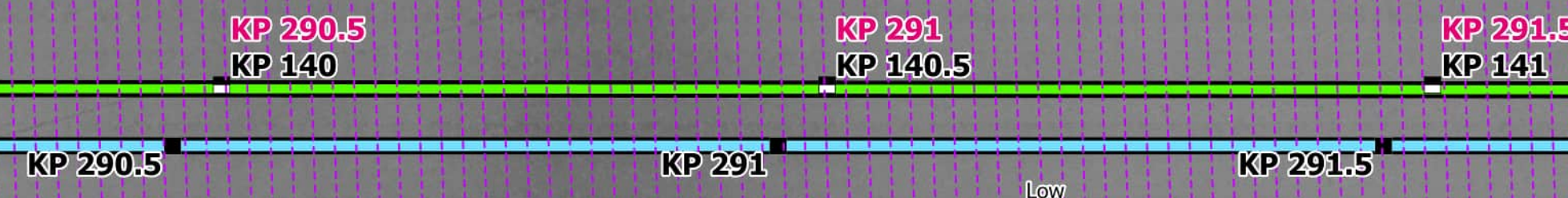
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



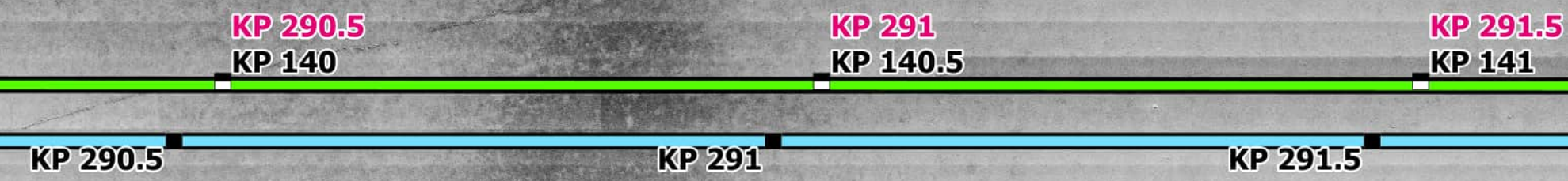
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters

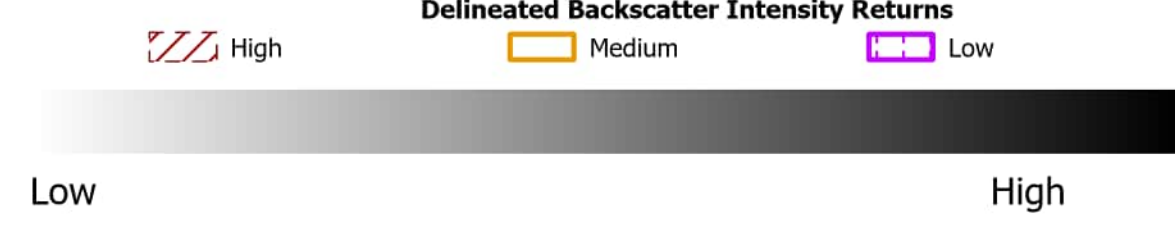


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar

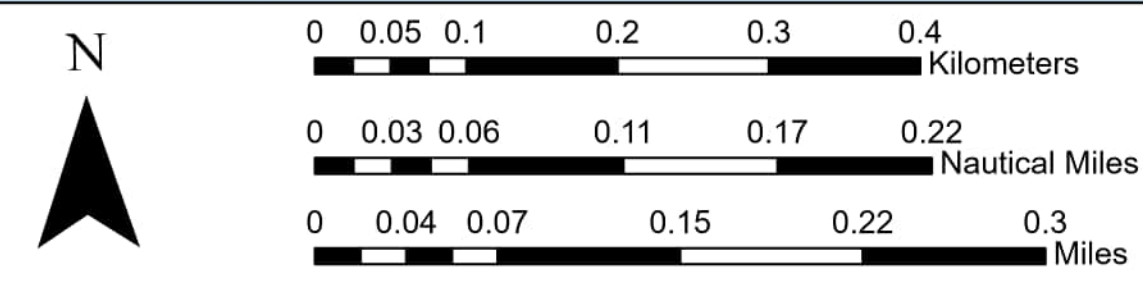
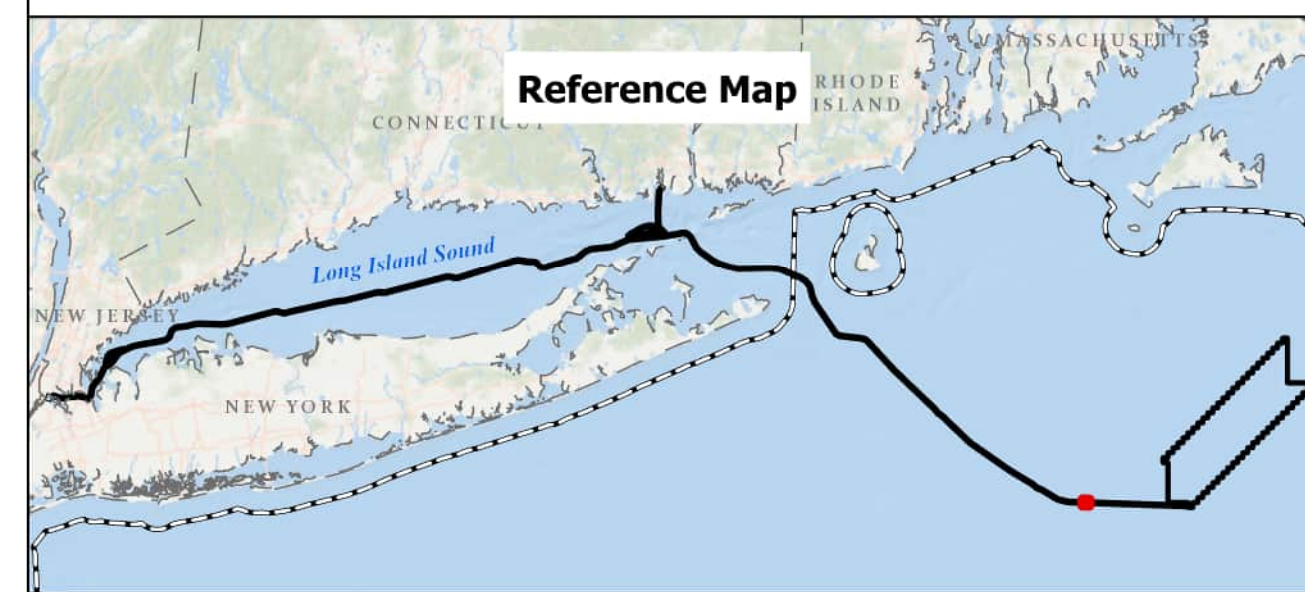


Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification**
 - Soft Sediment Fauna
 - Muddy Sand
- CMECS Biotic**
 - Sandy Mud
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/
NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - Sand and Muddy Sand/Soft Bottom Habitat

Note: 1) Legend only shows items visible in the current map extent.

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Scale: 1:5,000



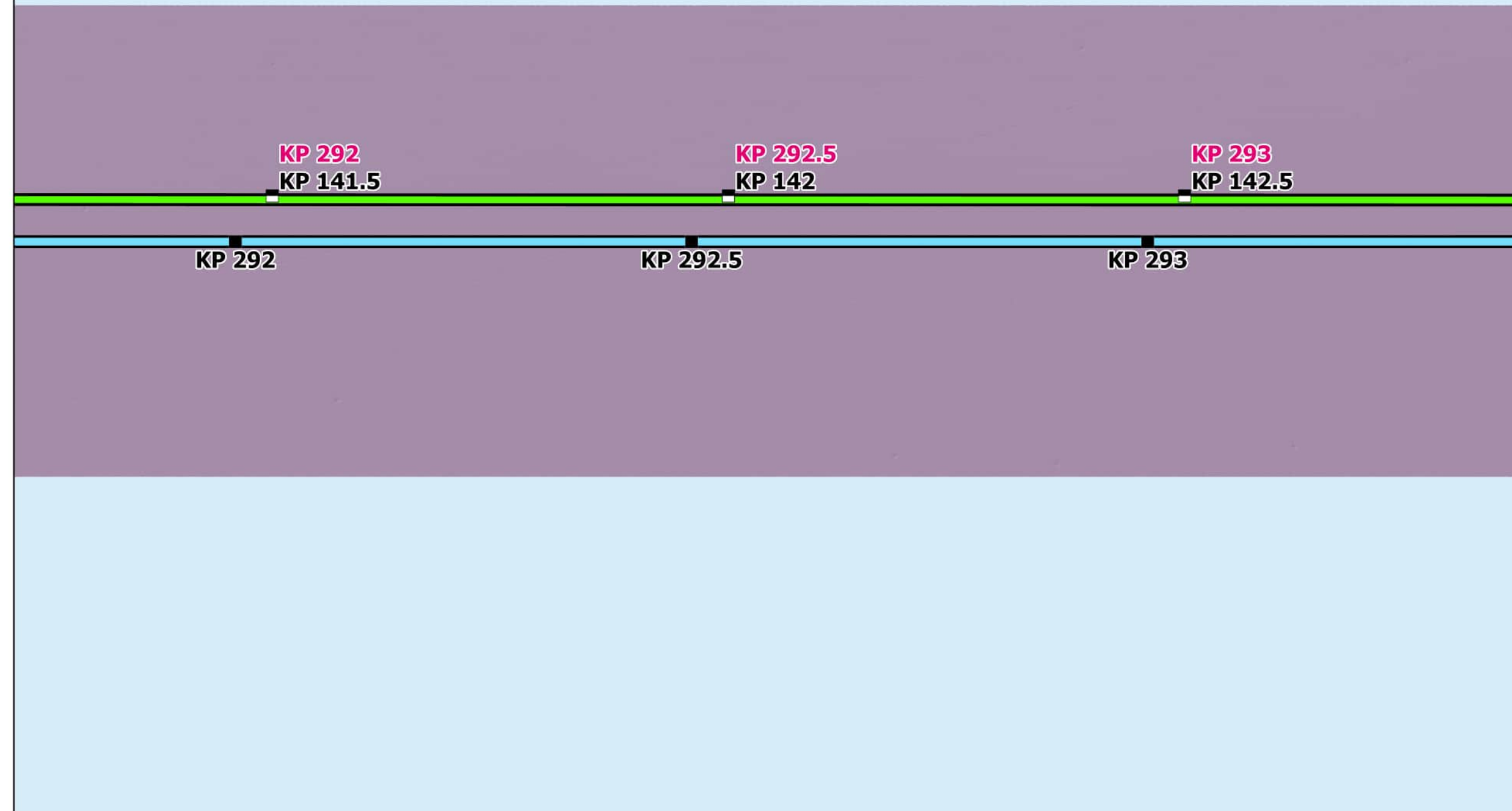
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 214

BW1 (NY) - KP 290.5 - KP 291.5
BW2 (NY) - KP 290.5 - KP 291.5
BW2 (CT) - KP 140 - KP 141

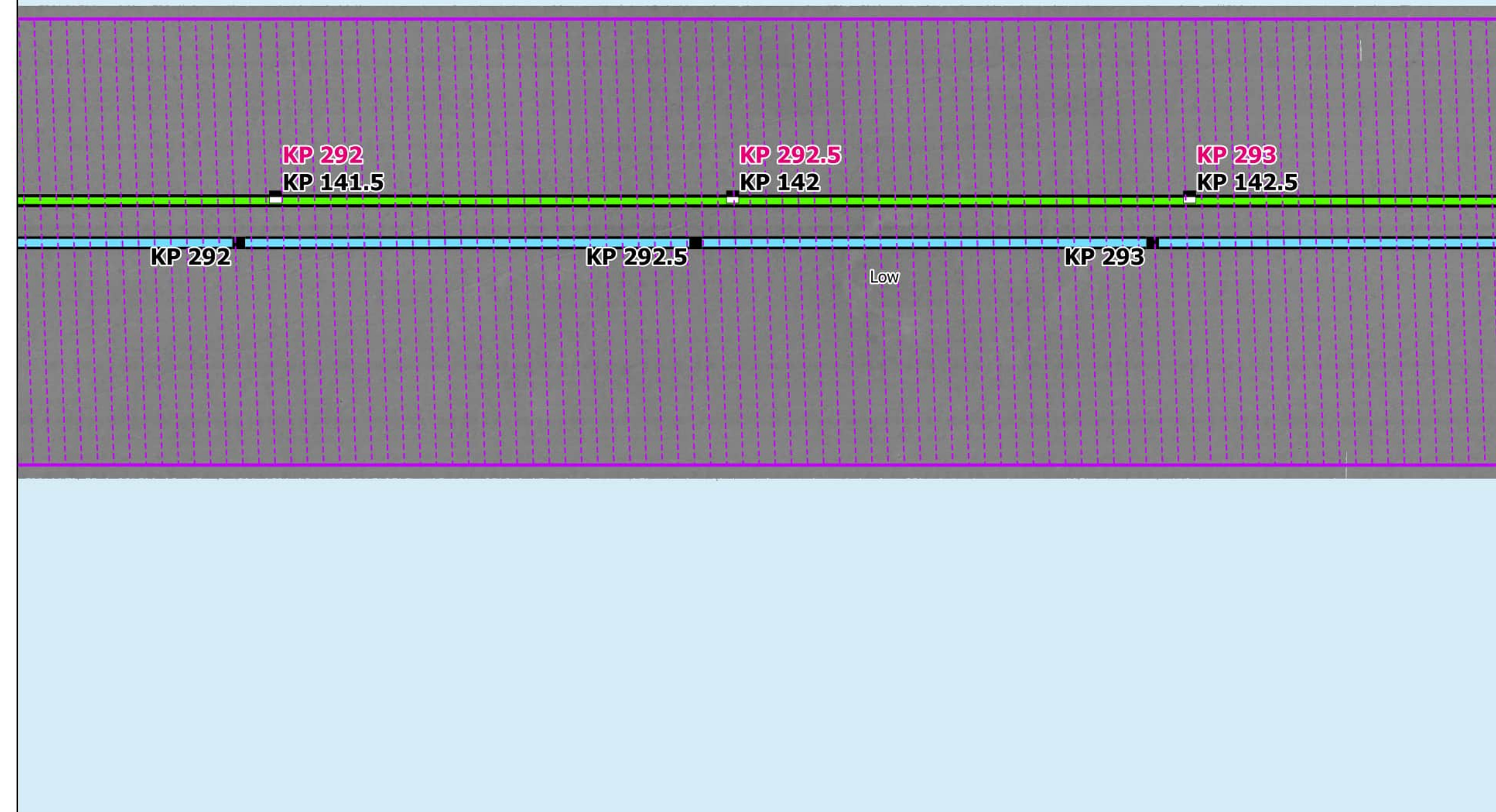
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



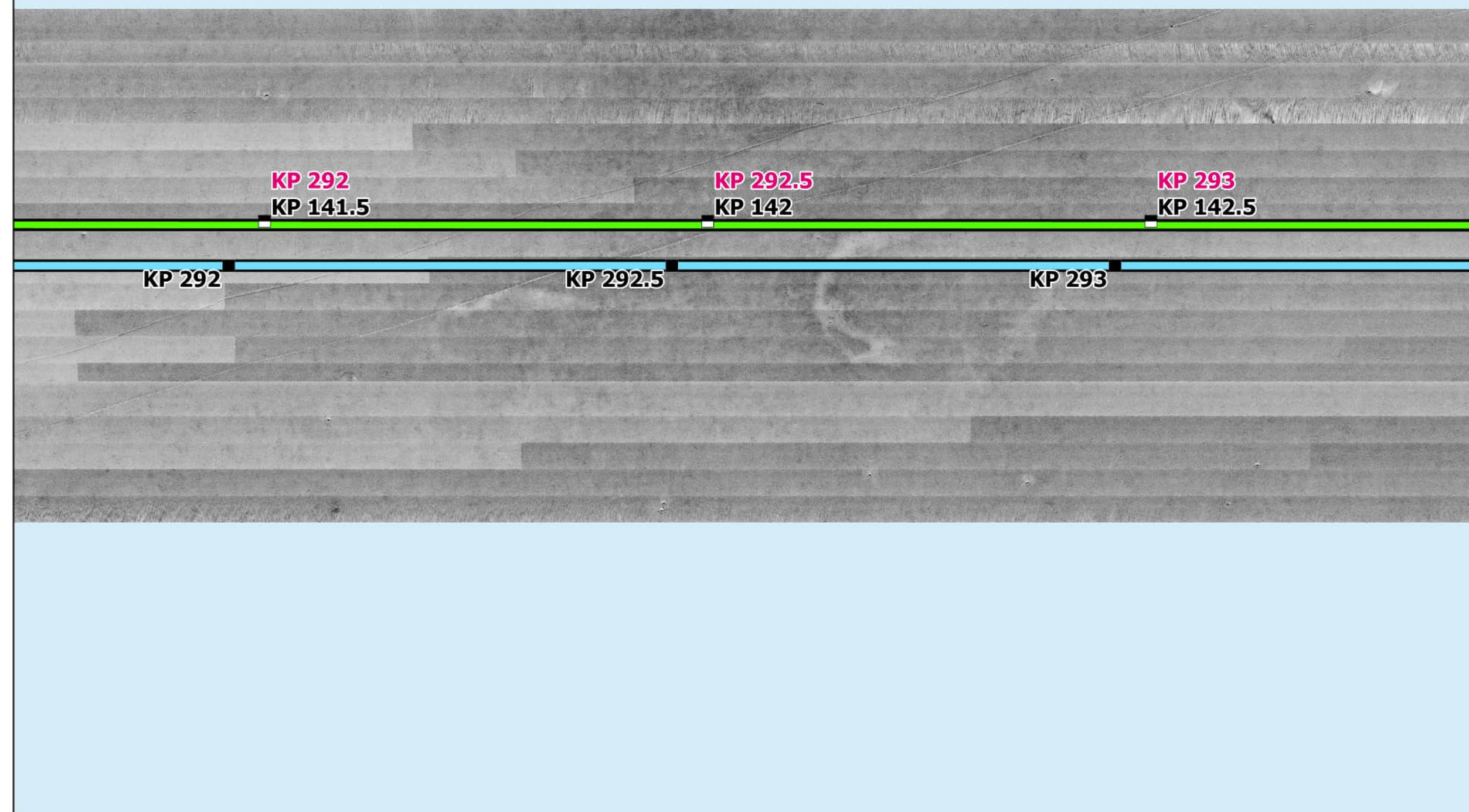
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



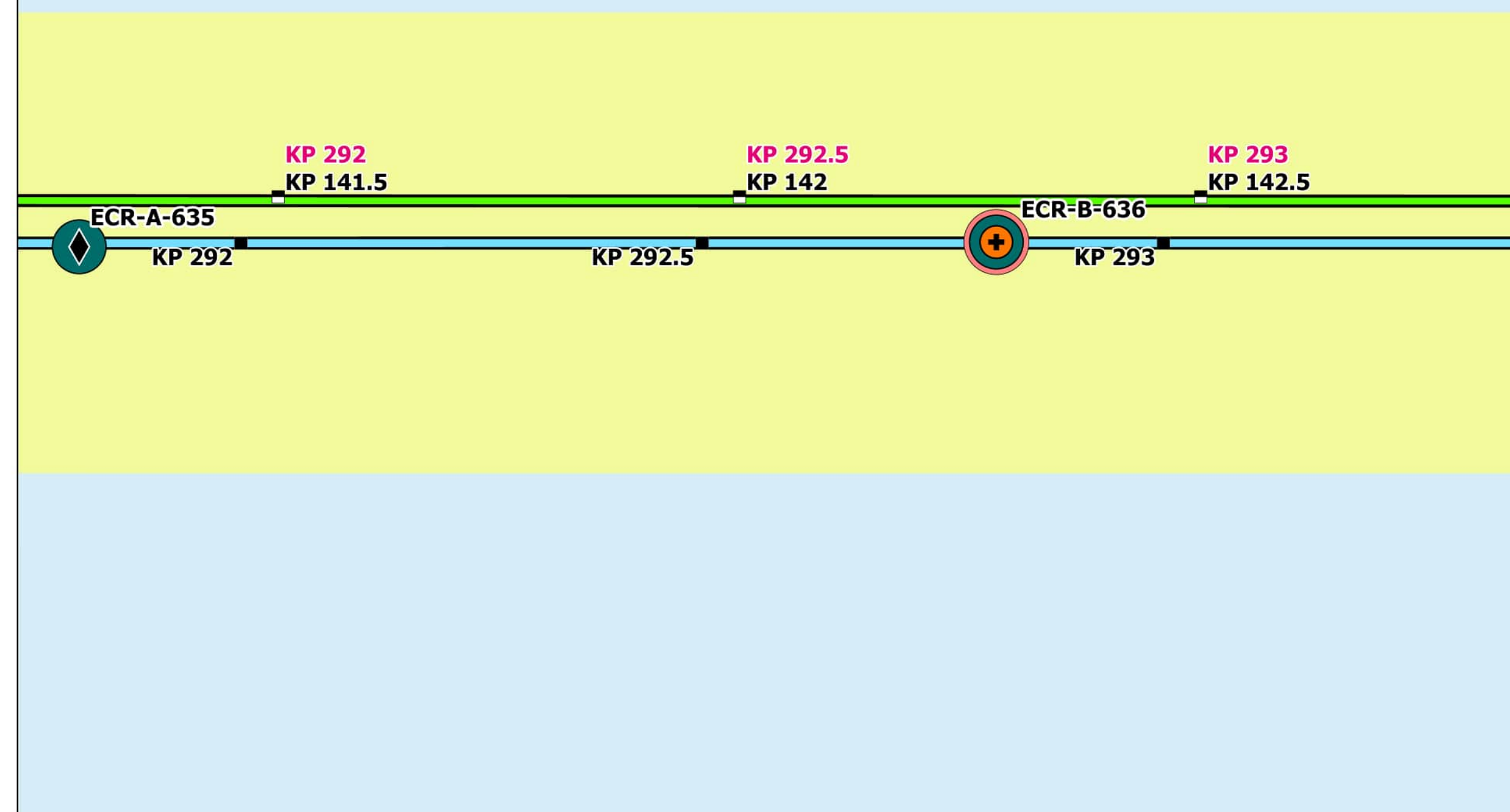
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



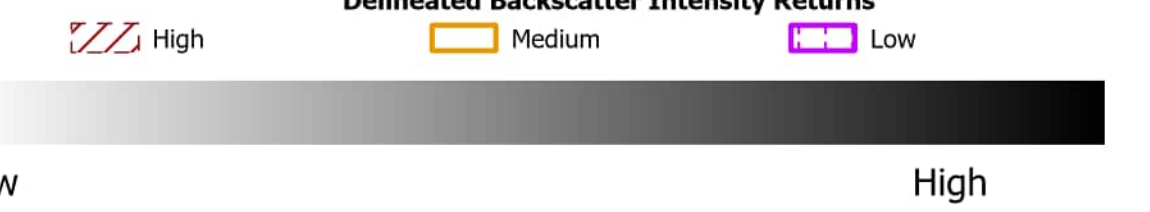
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

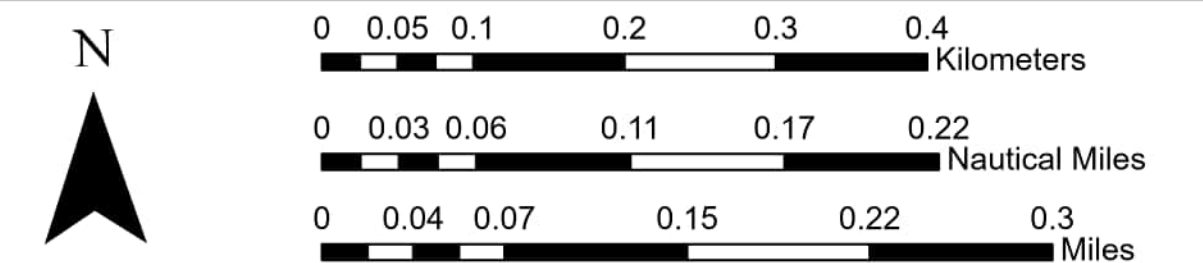
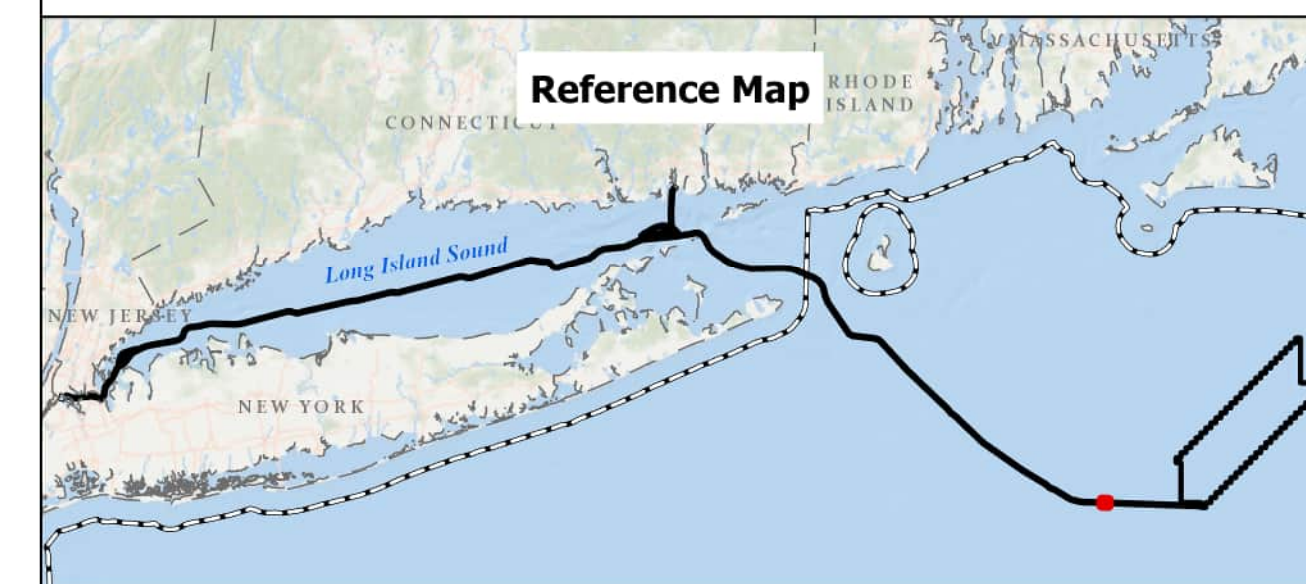
- | | |
|-----------------------------|--|
| Station Type | CMECS Geoform |
| ✚ Grab and Video | ● Burrows/Bioturbation |
| ◆ SPI/PV | |
| CMECS Classification | Interpreted Seabed Sediment/NMFS Habitat Characterization |
| ● Starfish Bed | ● Mud and Sandy Mud/Soft Bottom Habitat |
| CMECS Substrate | |
| ● Sandy Mud | |

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



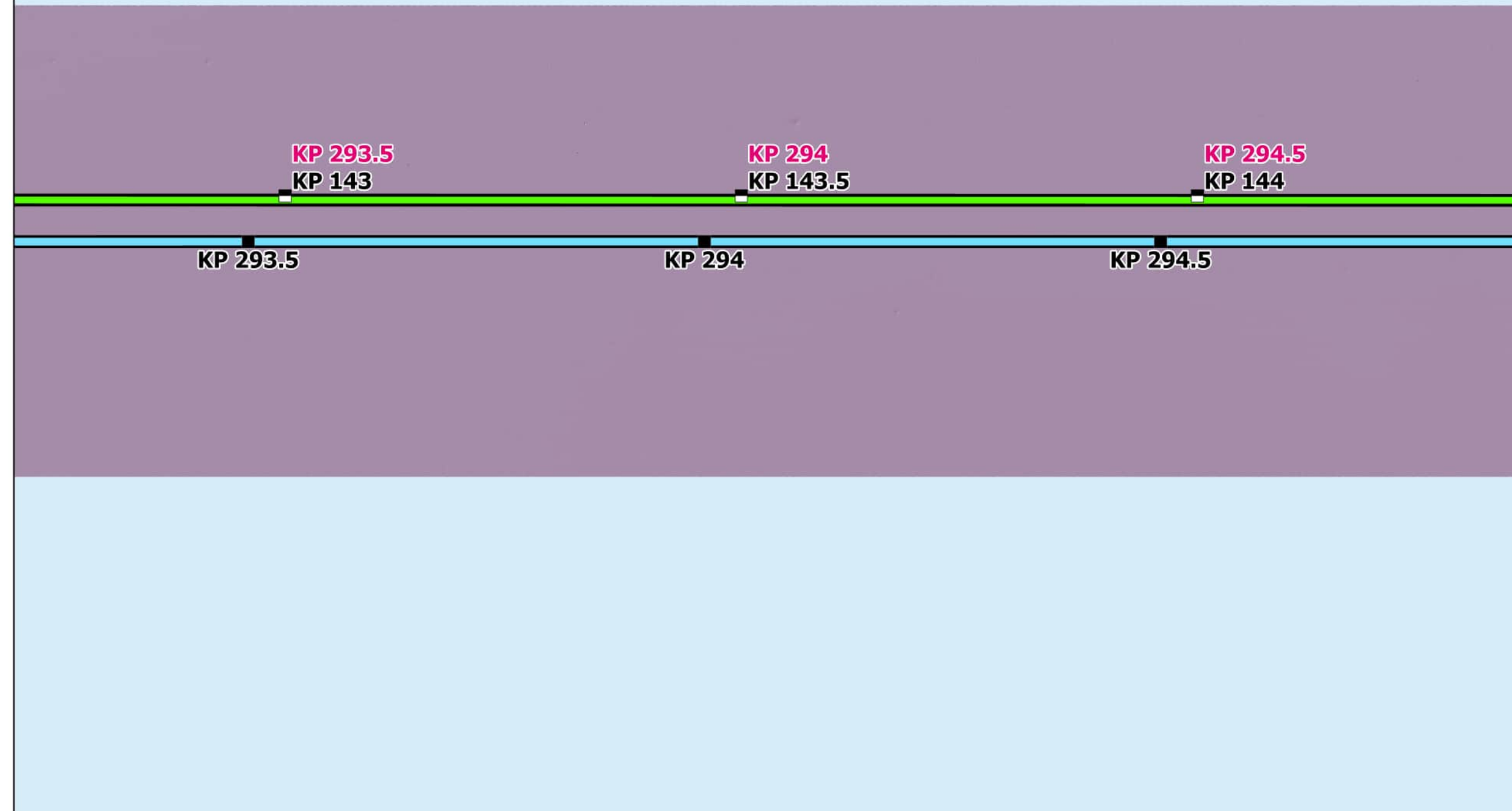
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 215

BW1 (NY) - KP 292 - KP 293
BW2 (NY) - KP 292 - KP 293
BW2 (CT) - KP 141.5 - KP 142.5

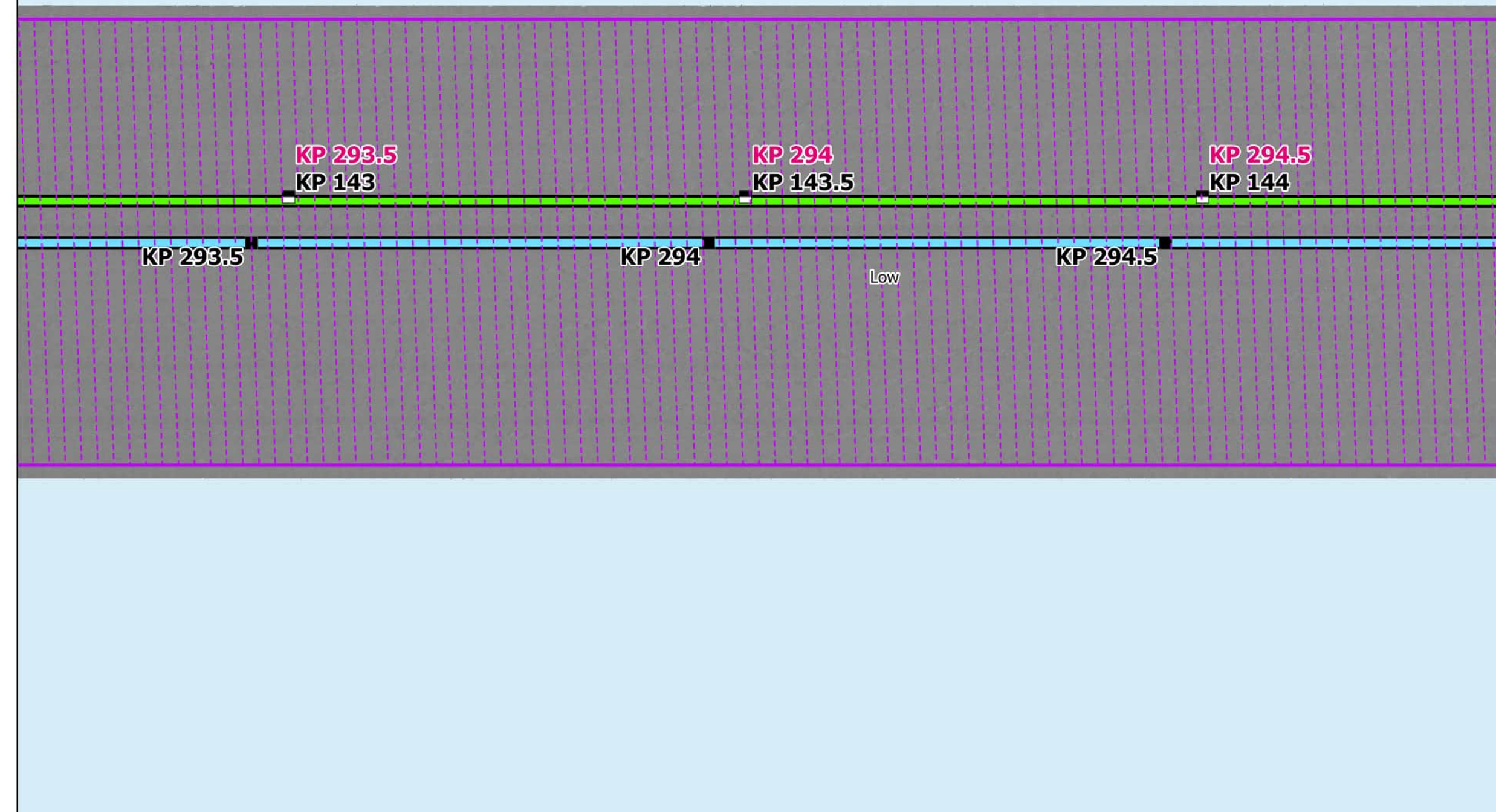
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



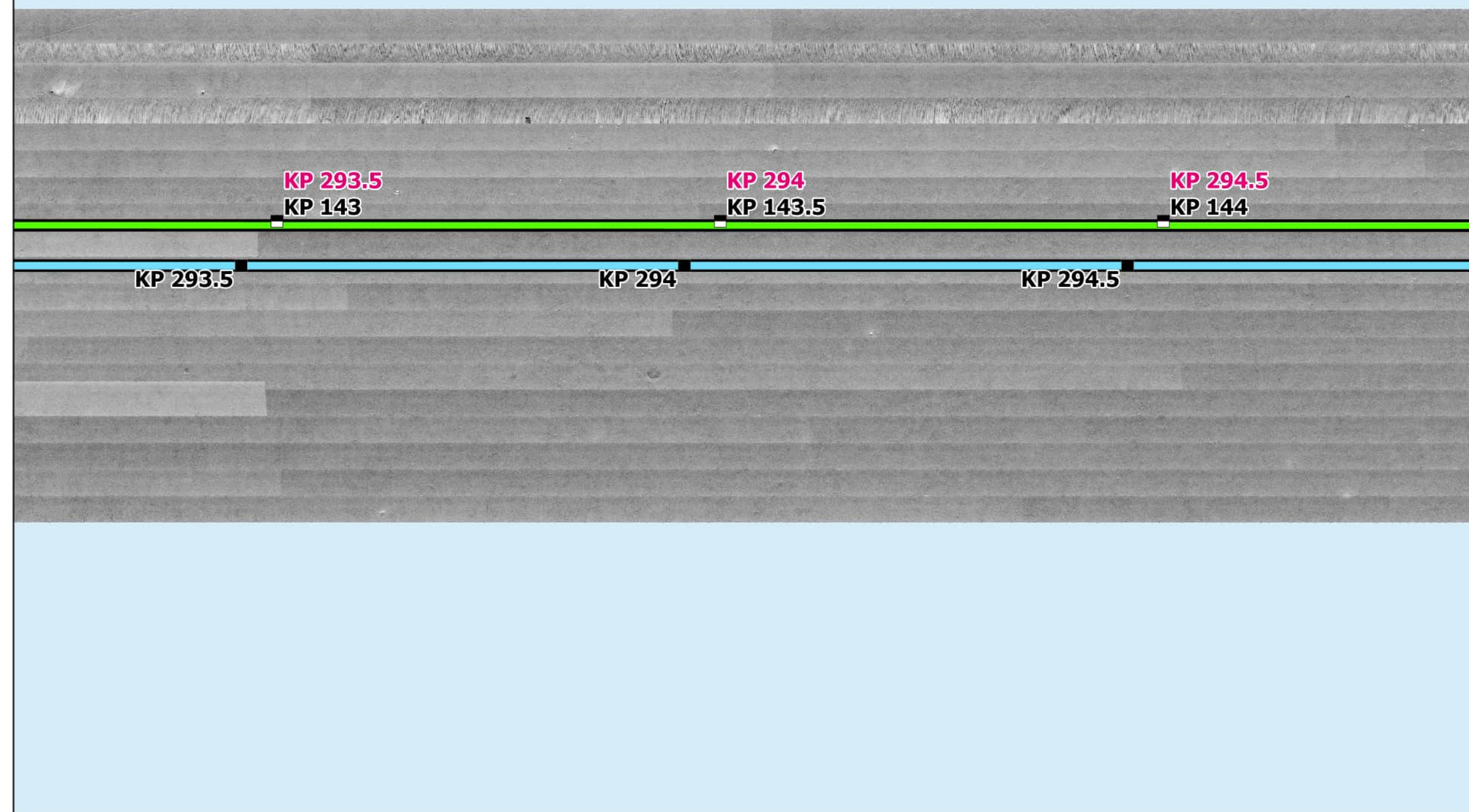
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



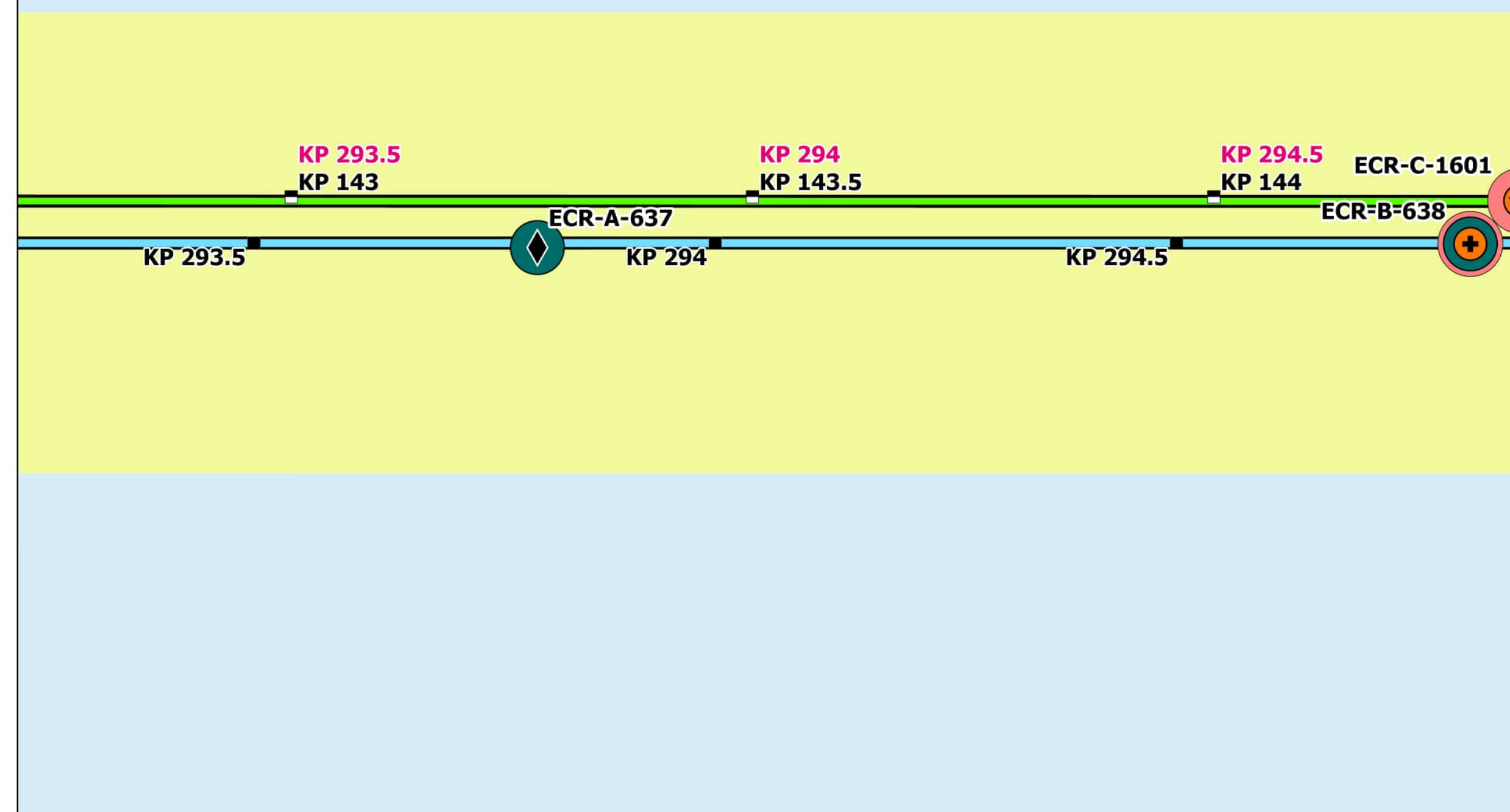
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



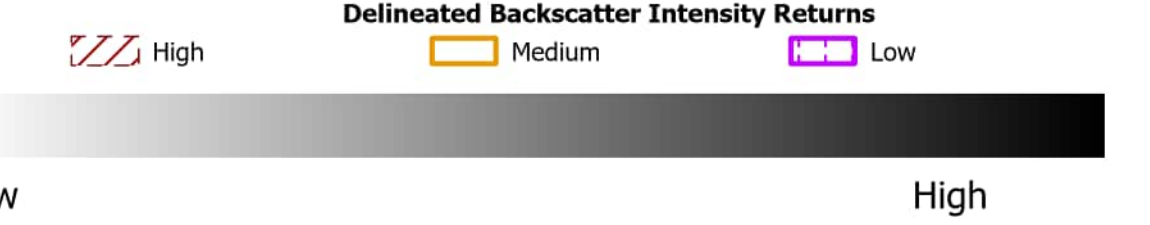
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



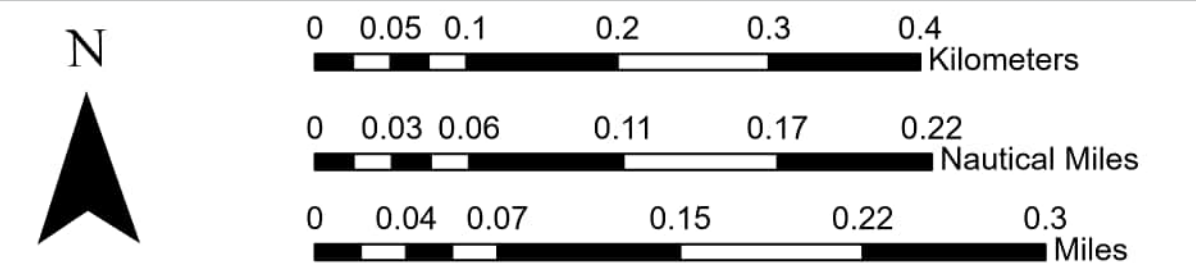
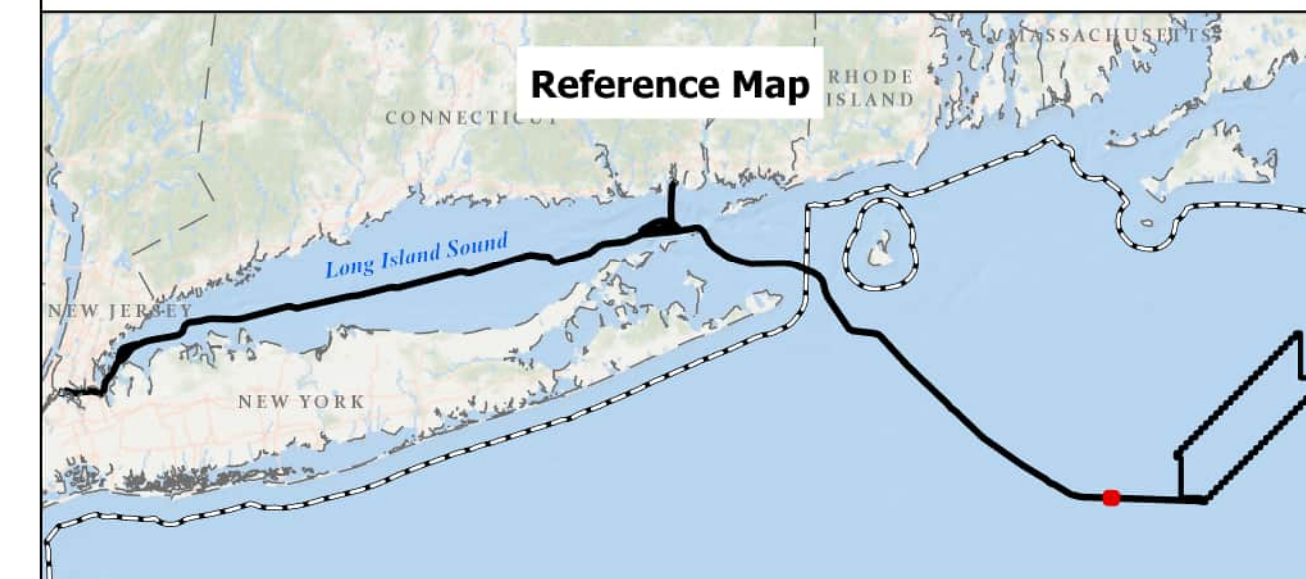
Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ✚ Grab and Video
 - ◆ SPI/PV
 - ★ Video
 - CMECS Geofom**
 - Burrows/Bioturbation
 - Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
 - CMECS Biotic**
 - Starfish Bed
 - CMECS Substrate**
 - Sandy Mud
- Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



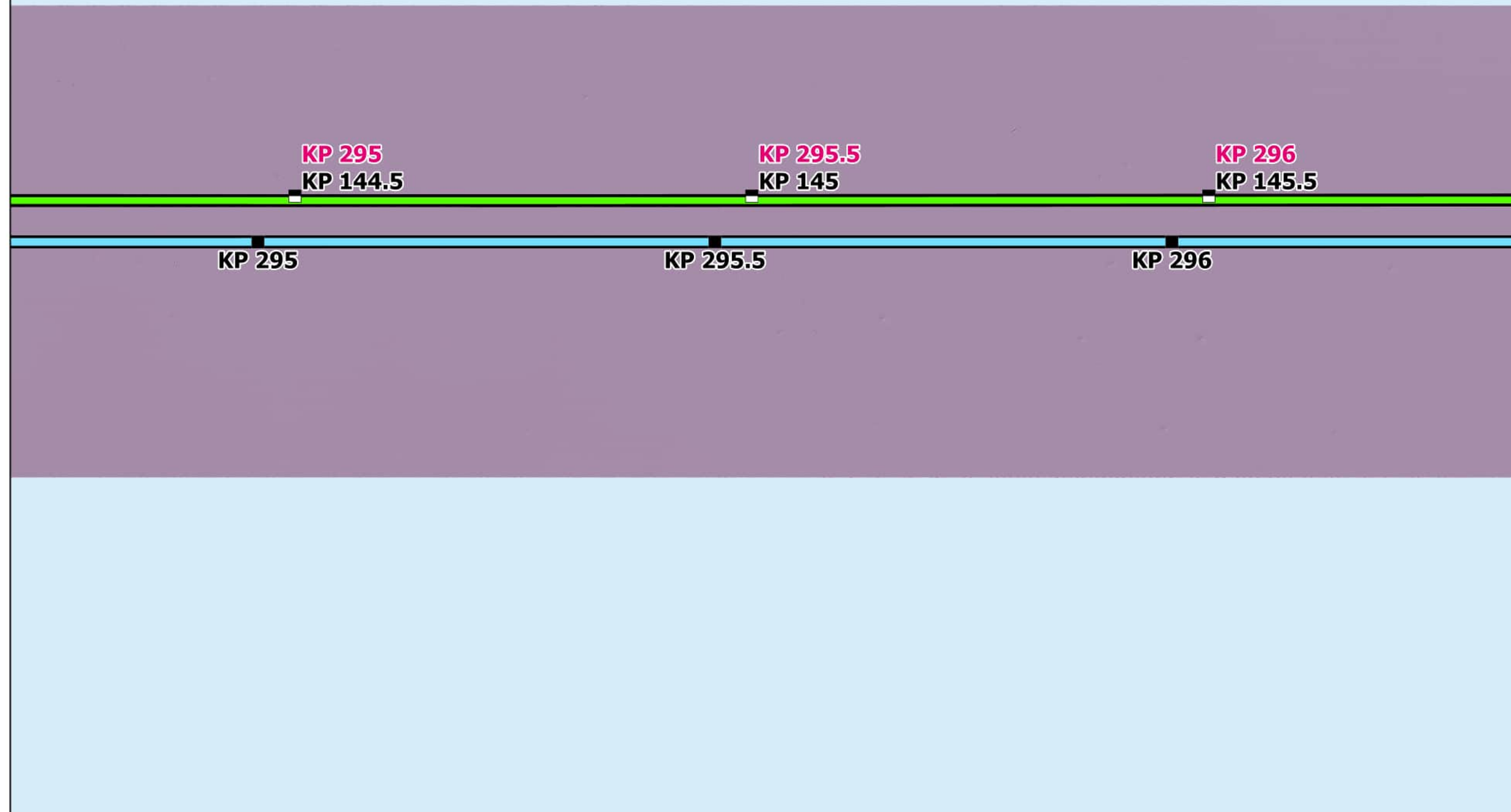
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 216

BW1 (NY) - KP 293.5 - KP 294.5
BW2 (NY) - KP 293.5 - KP 294.5
BW2 (CT) - KP 143 - KP 144

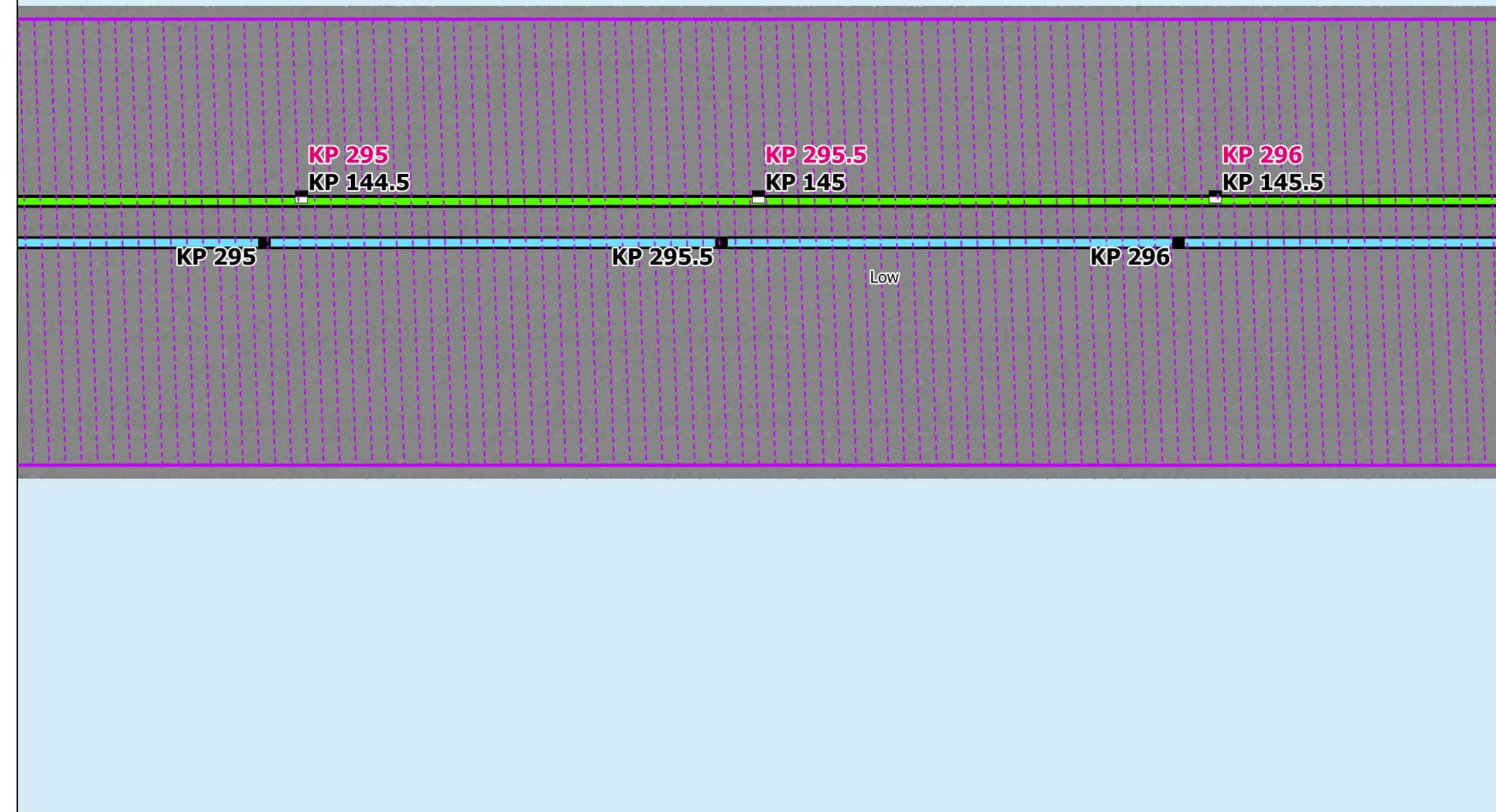
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



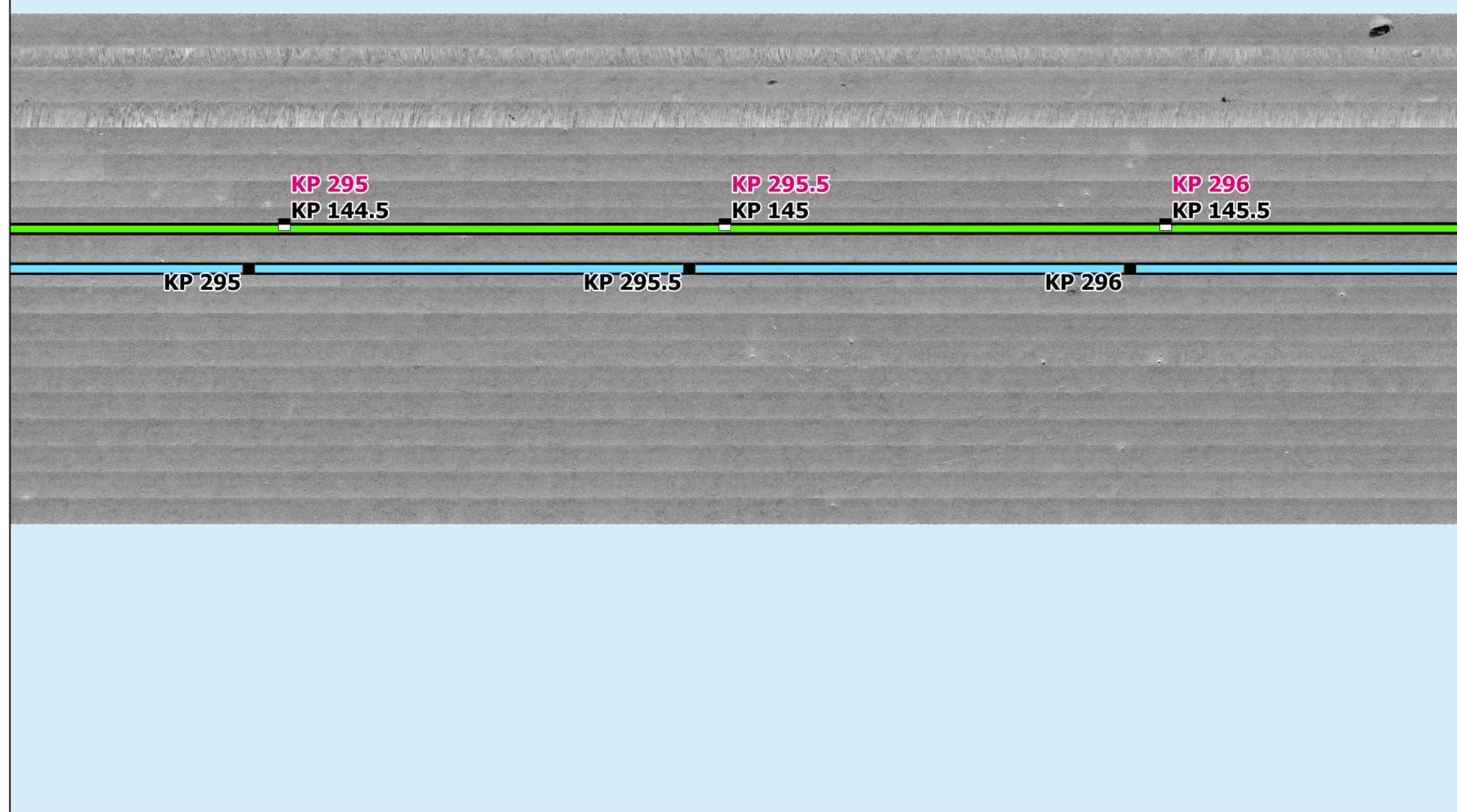
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



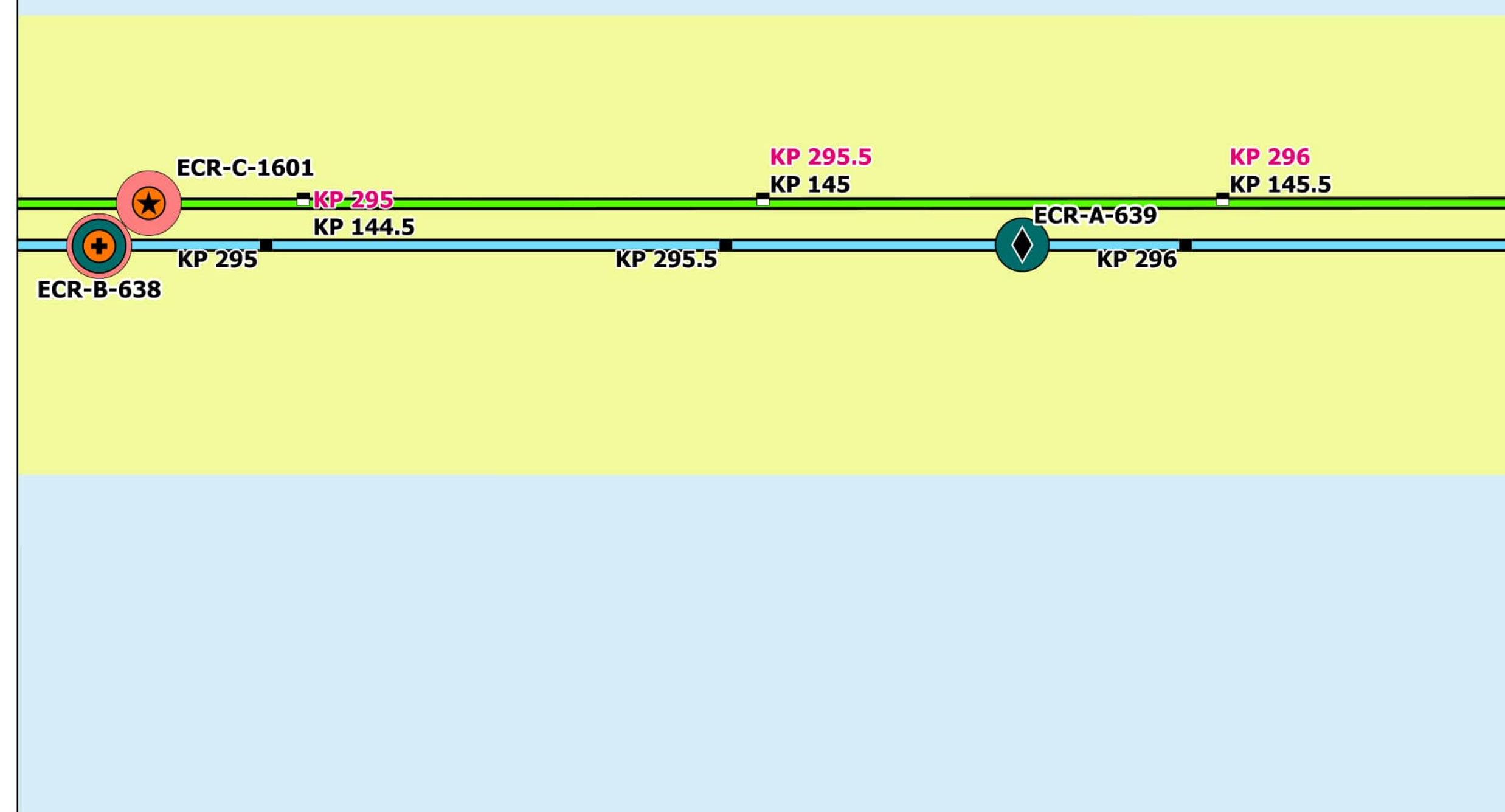
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



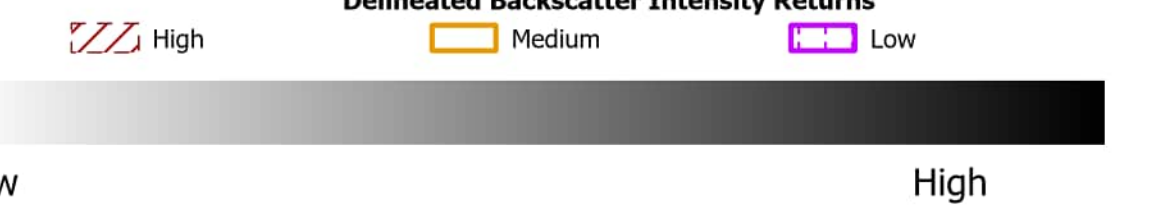
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar

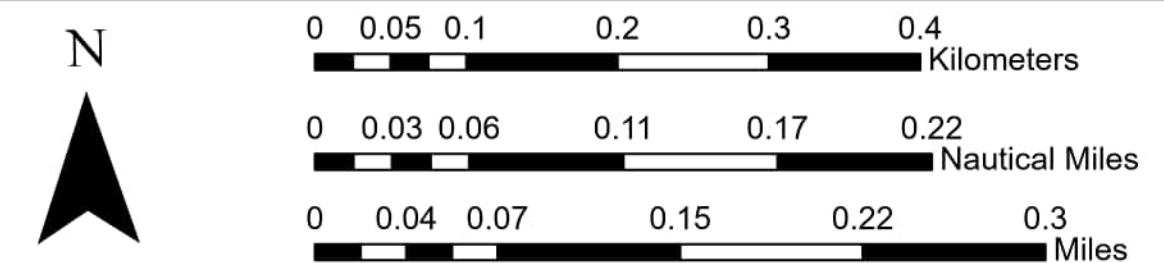
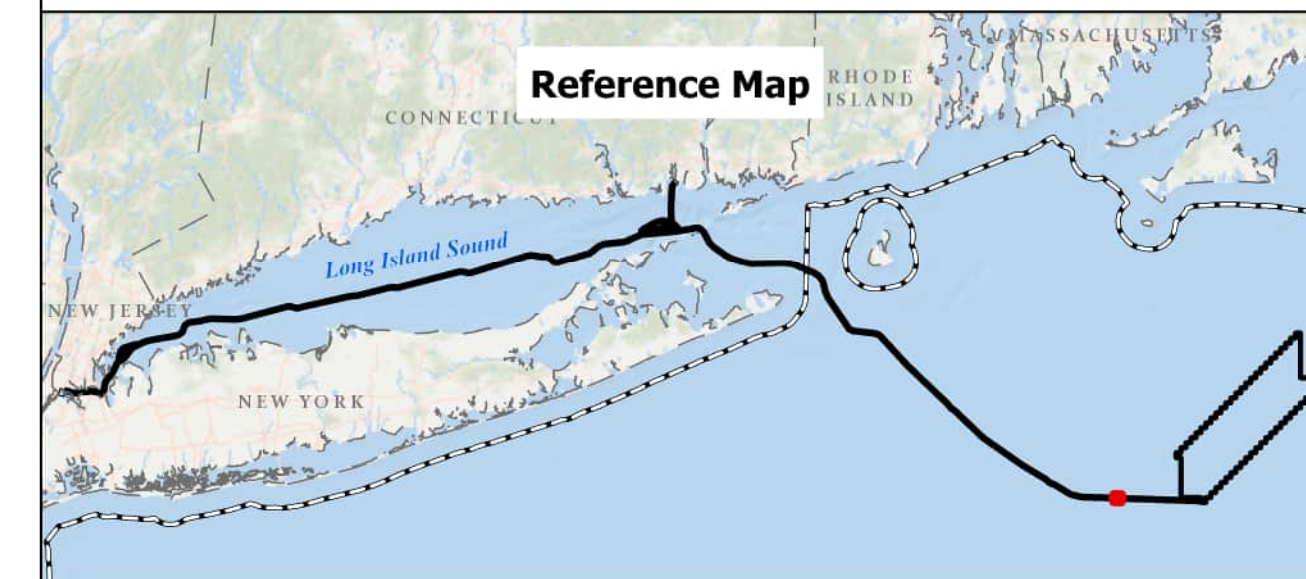


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ✚ Grab and Video
 - ◆ SPI/PV
 - ★ Video
- CMECS Geoform**
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat
- CMECS Biotic**
 - Starfish Bed
- CMECS Substrate**
 - Sandy Mud

Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023
Scale: 1:5,000



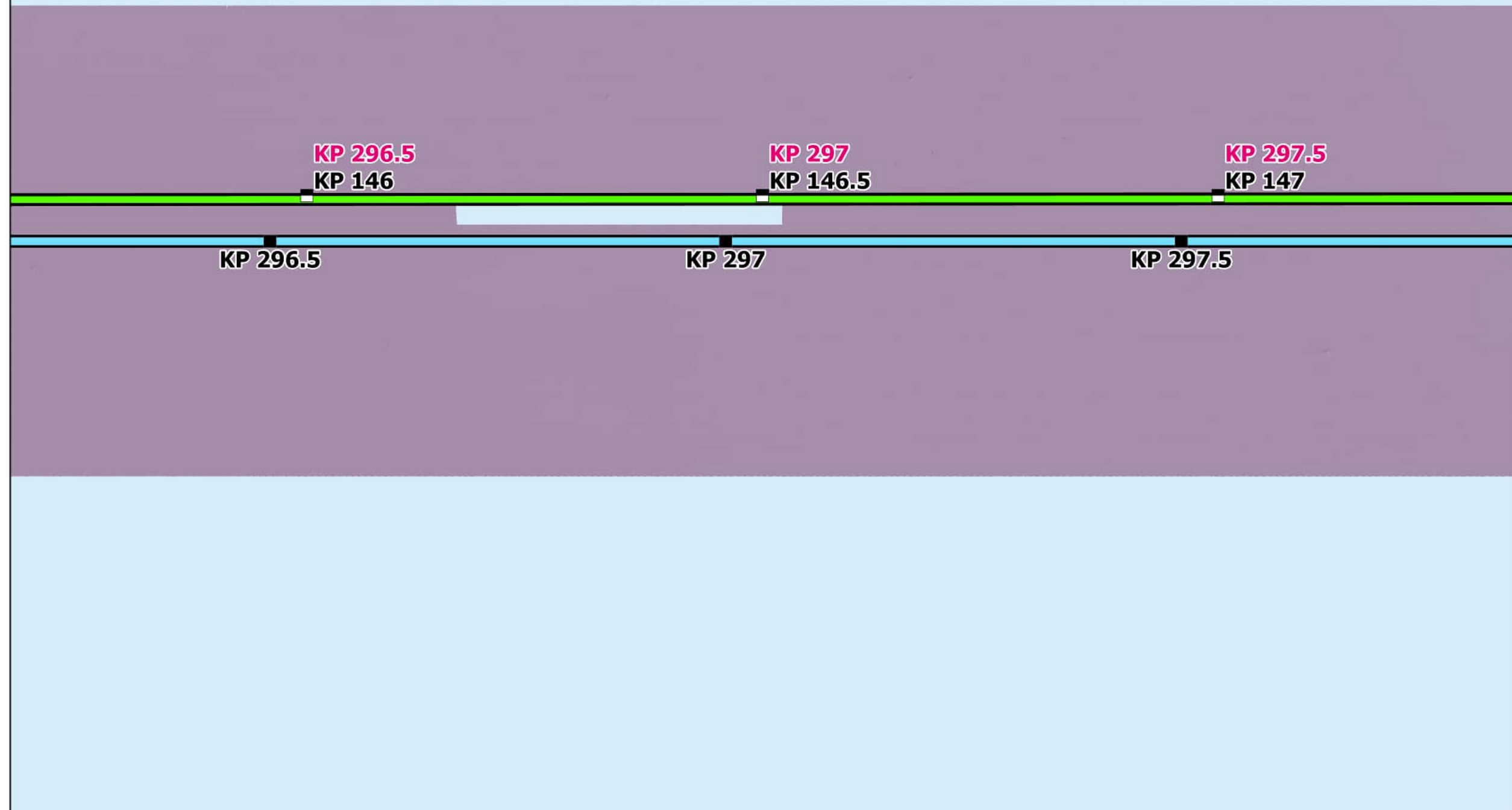
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 217

BW1 (NY) - KP 295 - KP 296
BW2 (NY) - KP 295 - KP 296
BW2 (CT) - KP 144.5 - KP 145.5

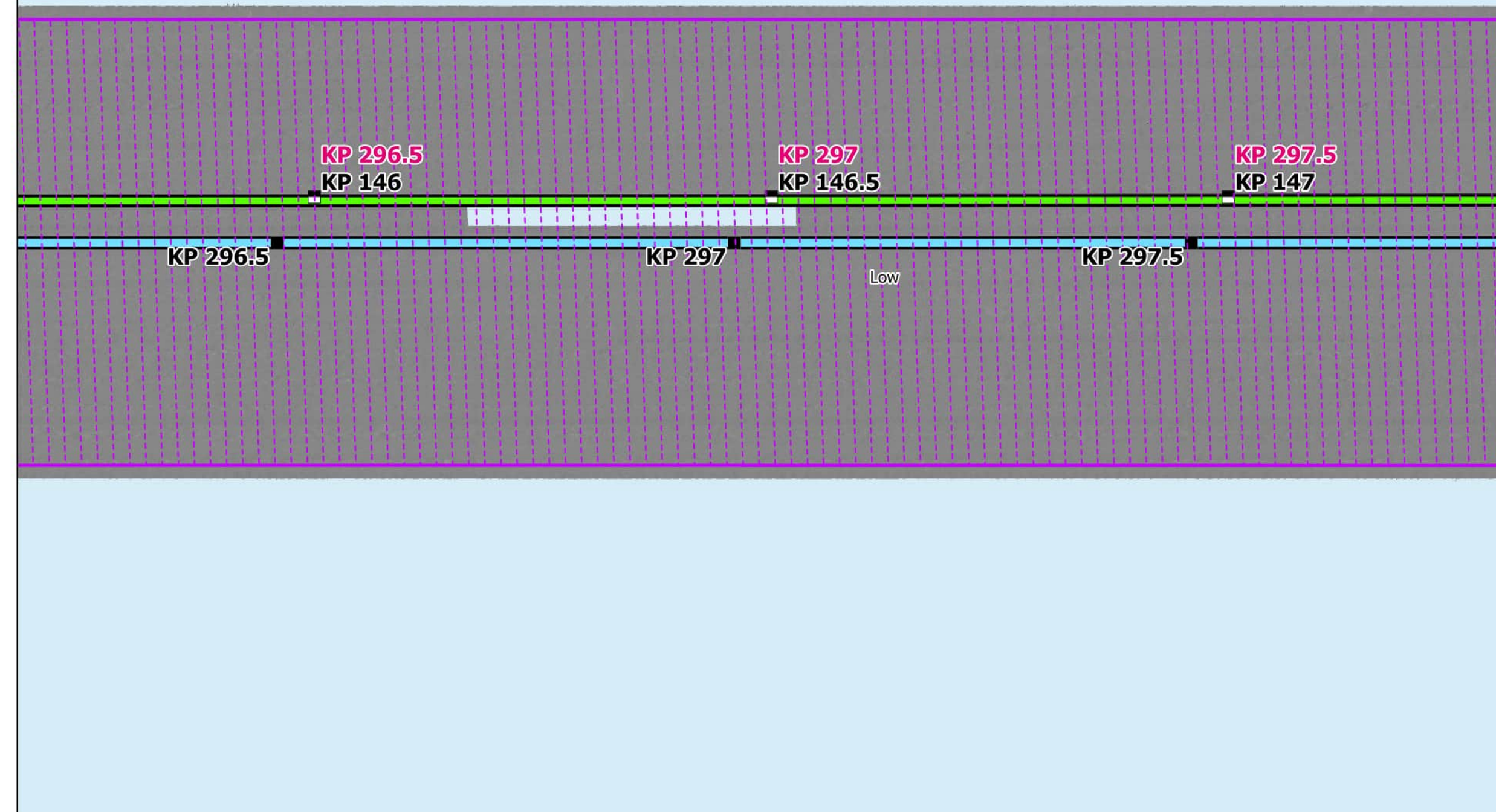
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



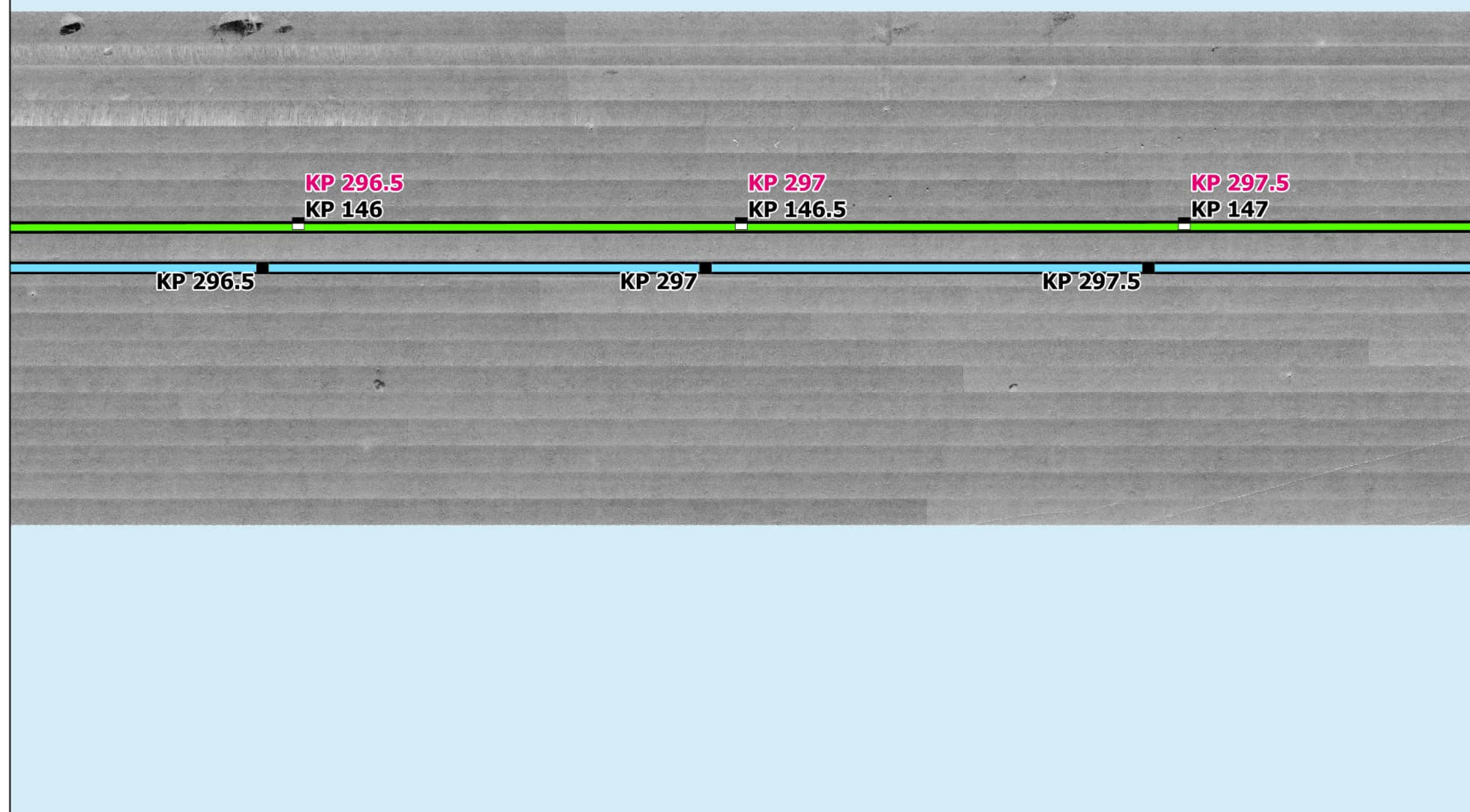
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



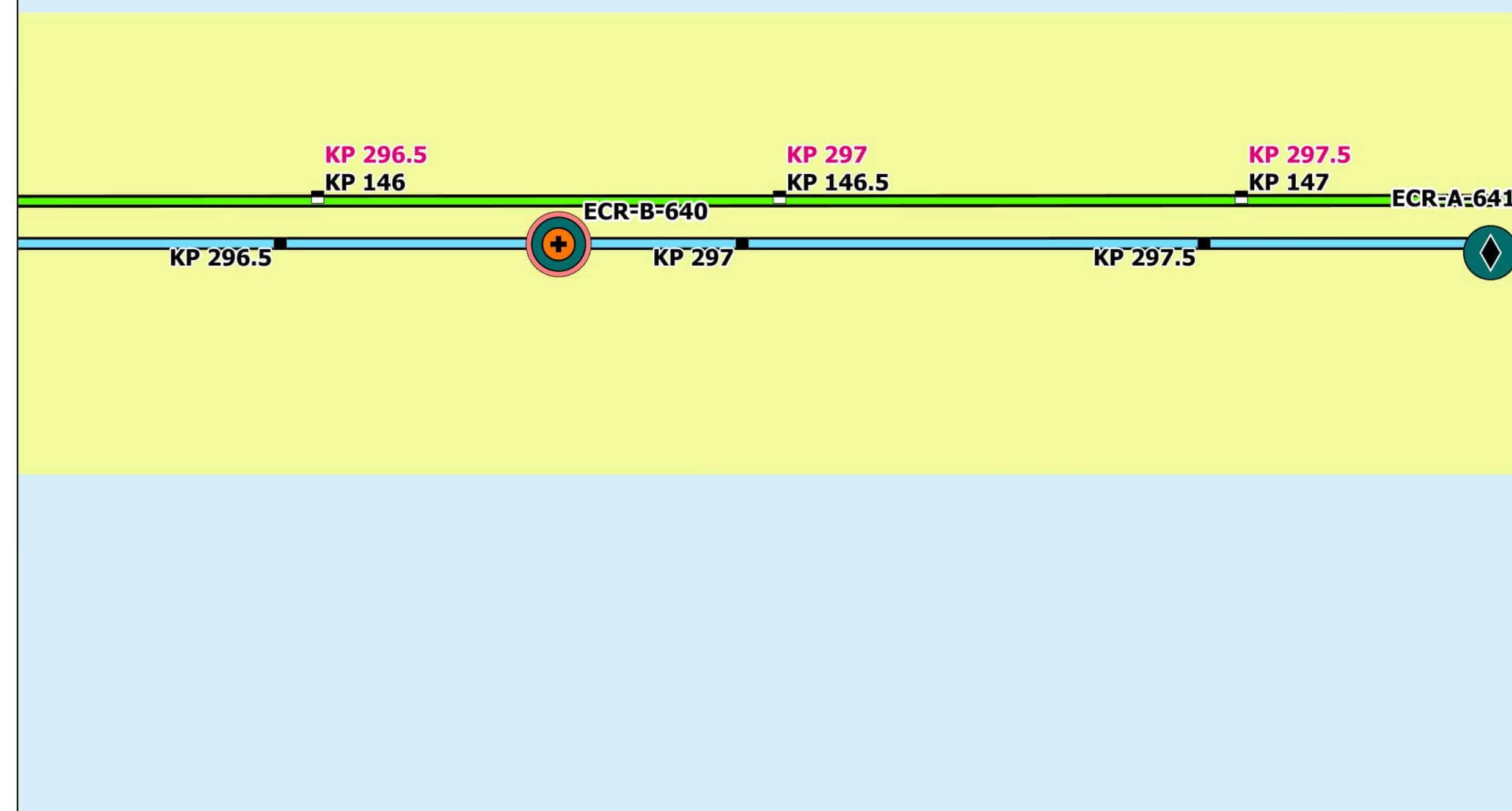
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar

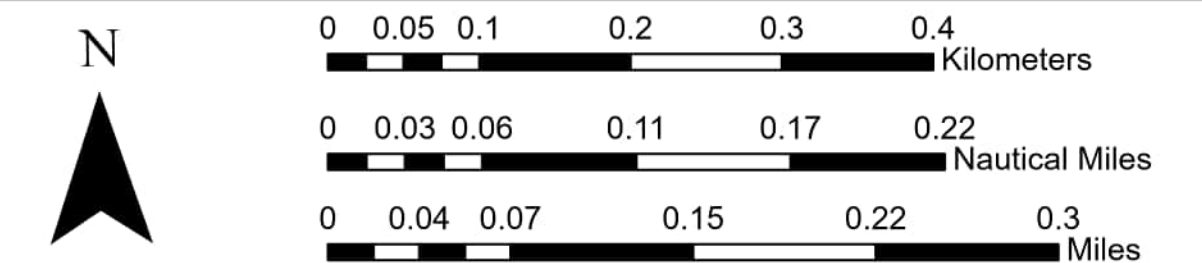
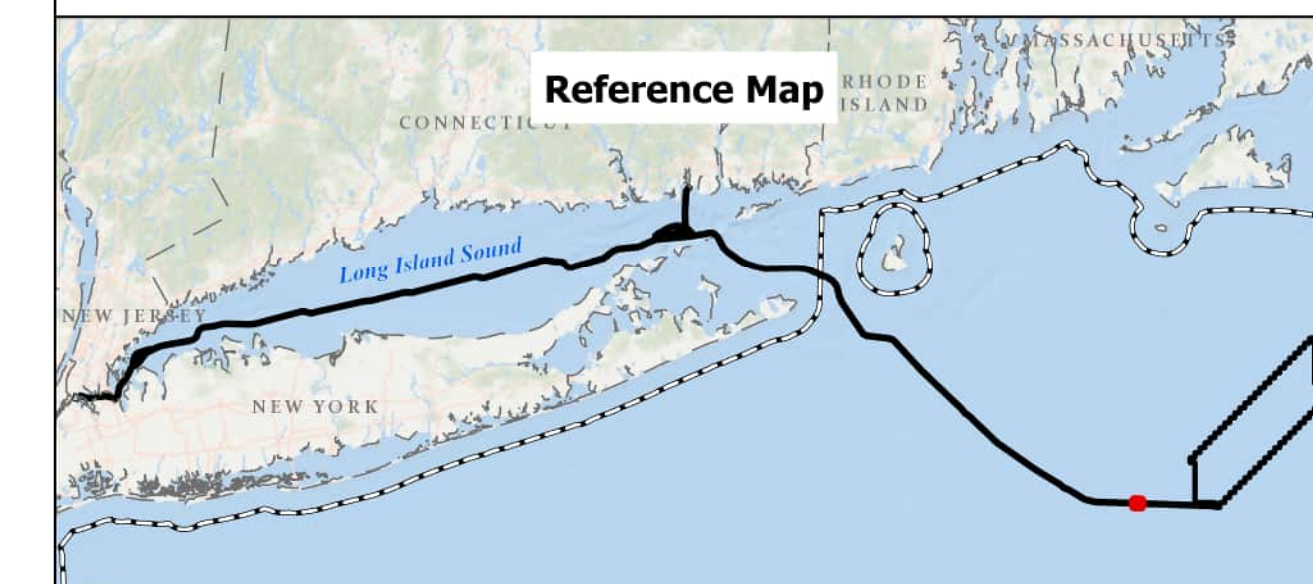


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | |
|-----------------------------|--|
| Station Type | CMECS Geoform |
| + Grab and Video | ● Burrows/Bioturbation |
| ◆ SPI/PV | |
| CMECS Classification | Interpreted Seabed Sediment/NMFS Habitat Characterization |
| ● Starfish Bed | ● Mud and Sandy Mud/Soft Bottom Habitat |
| CMECS Substrate | |
| ● Sandy Mud | |

Note:
1) Legend only shows items visible in the current map extent.

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Scale: 1:5,000



BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 218

BW1 (NY) - KP 296.5 - KP 297.5
BW2 (NY) - KP 296.5 - KP 297.5
BW2 (CT) - KP 146 - KP 147

Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)

KP 298
KP 147.5

KP 298.5
KP 148

KP 299
KP 148.5

KP 298 KP 298.5 KP 299

Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)

KP 298
KP 147.5

KP 298.5
KP 148

KP 299
KP 148.5

KP 298 KP 298.5 KP 299

Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)

KP 298
KP 147.5

KP 298.5
KP 148

KP 299
KP 148.5

KP 298 KP 298.5 KP 299

Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

KP 298
KP 147.5

KP 298.5
KP 148

KP 299
KP 148.5

ECR-A-641 KP 298 KP 298.5 ECR-B-642 KP 299

Map Book Package for Submarine Export Cable Route in Federal Waters

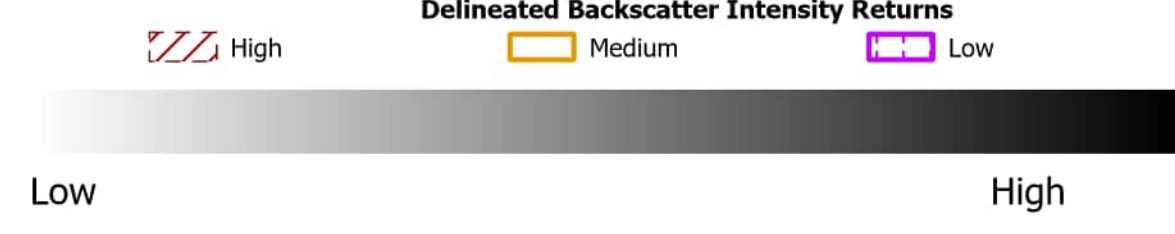


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar

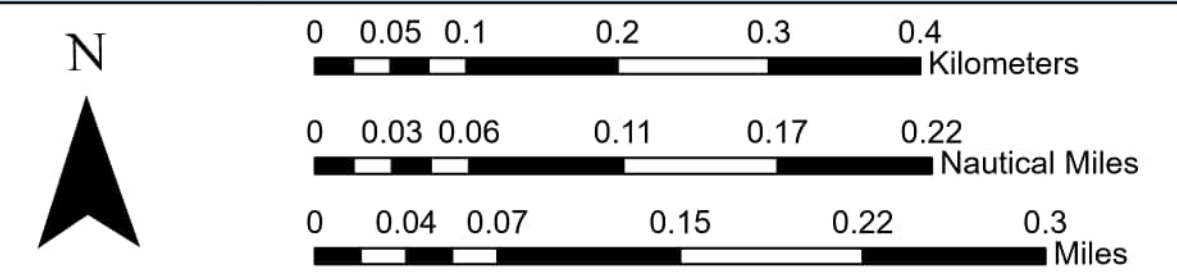
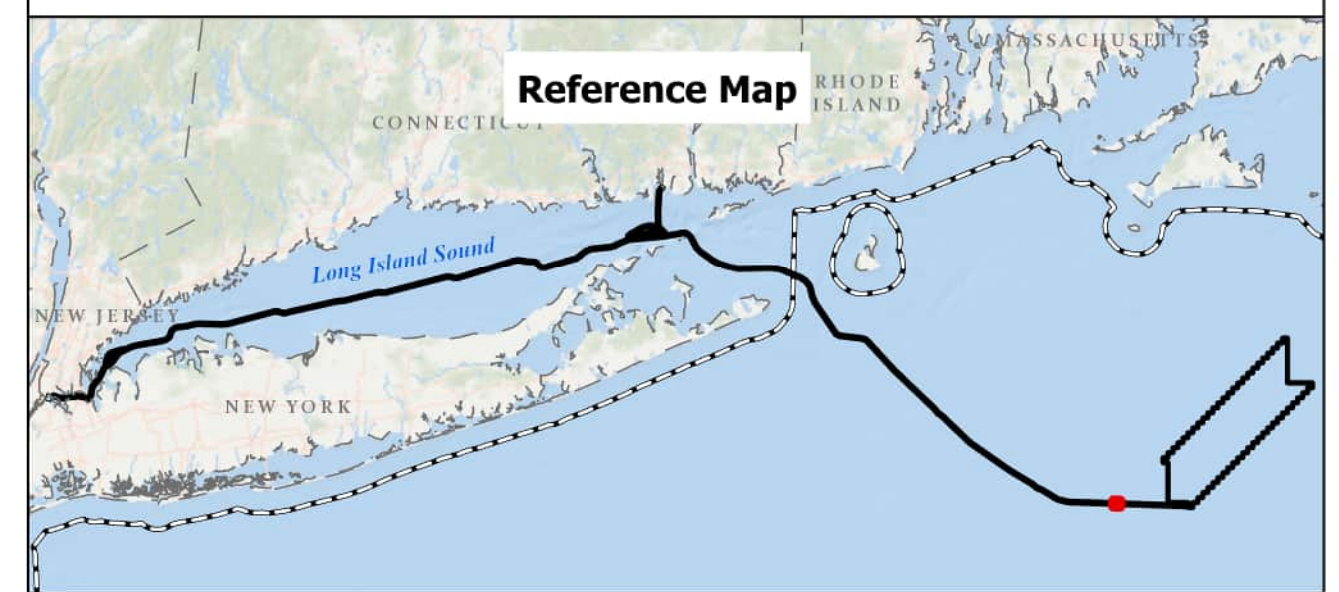


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification**
 - Starfish Bed
 - Gravelly Muddy Sand
- CMECS Biotic**
 - Sandy Mud
 - Burrows/Bioturbation
- CMECS Substrate**
 - Mud and Sandy Mud/Soft Bottom Habitat
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

Prepared By: AECOM
Date: 2/28/2023 Scale: 1:5,000



BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 219

BW1 (NY) - KP 298 - KP 299
BW2 (NY) - KP 298 - KP 299
BW2 (CT) - KP 147.5 - KP 148.5

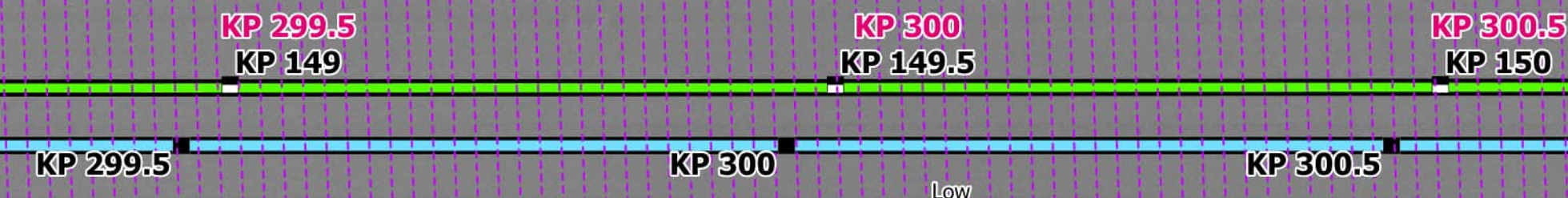
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



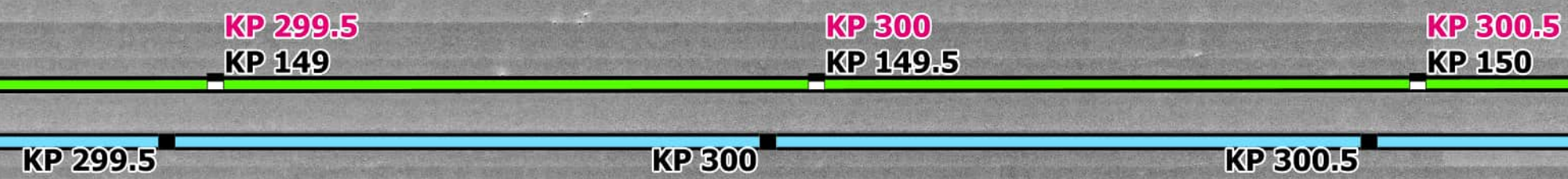
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



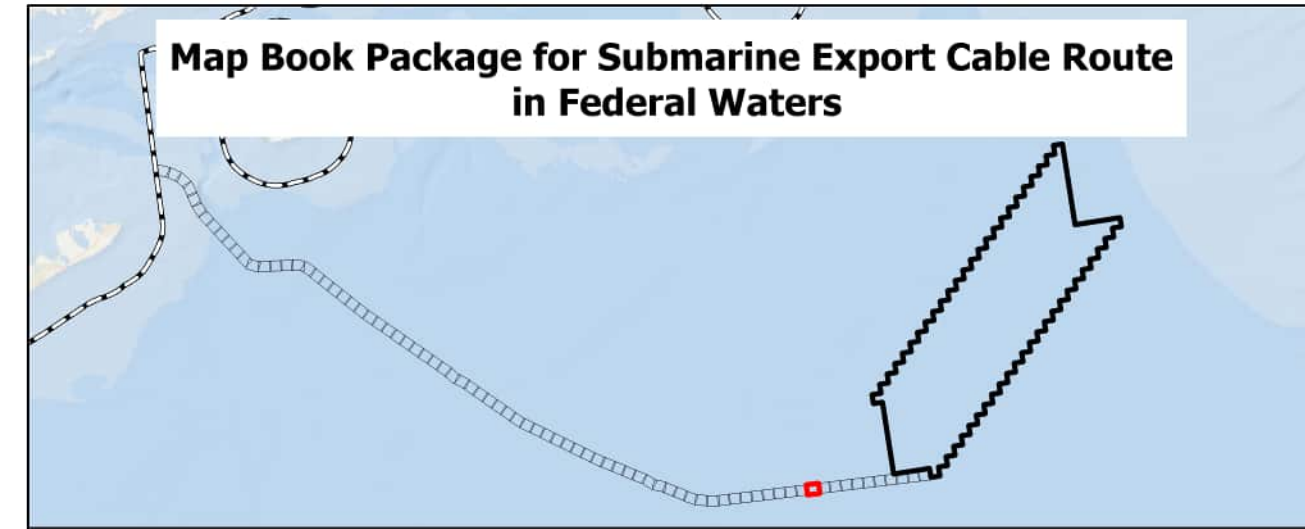
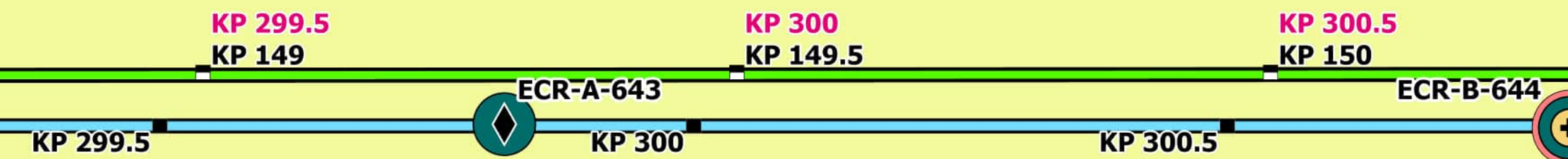
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)

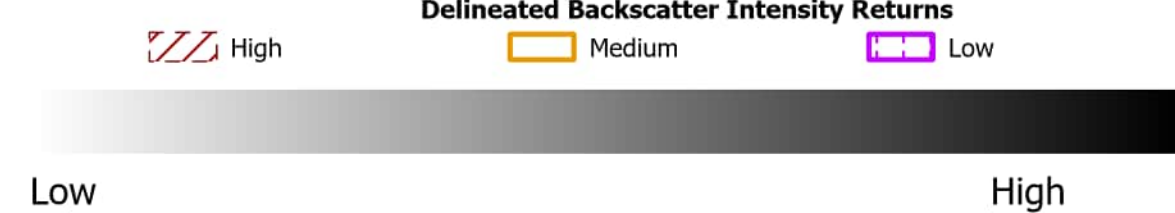


- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter



Side Scan Sonar

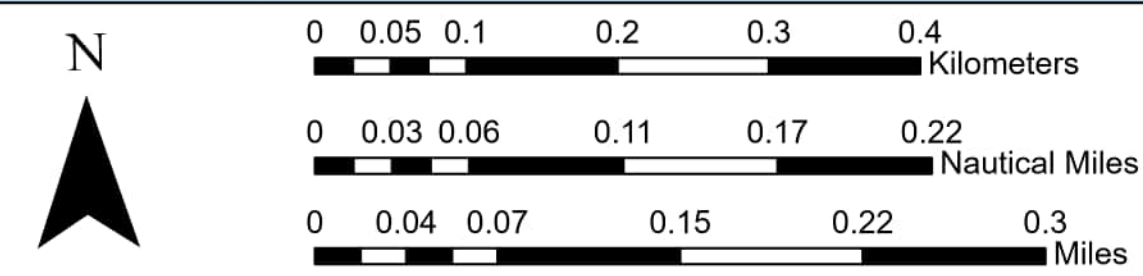
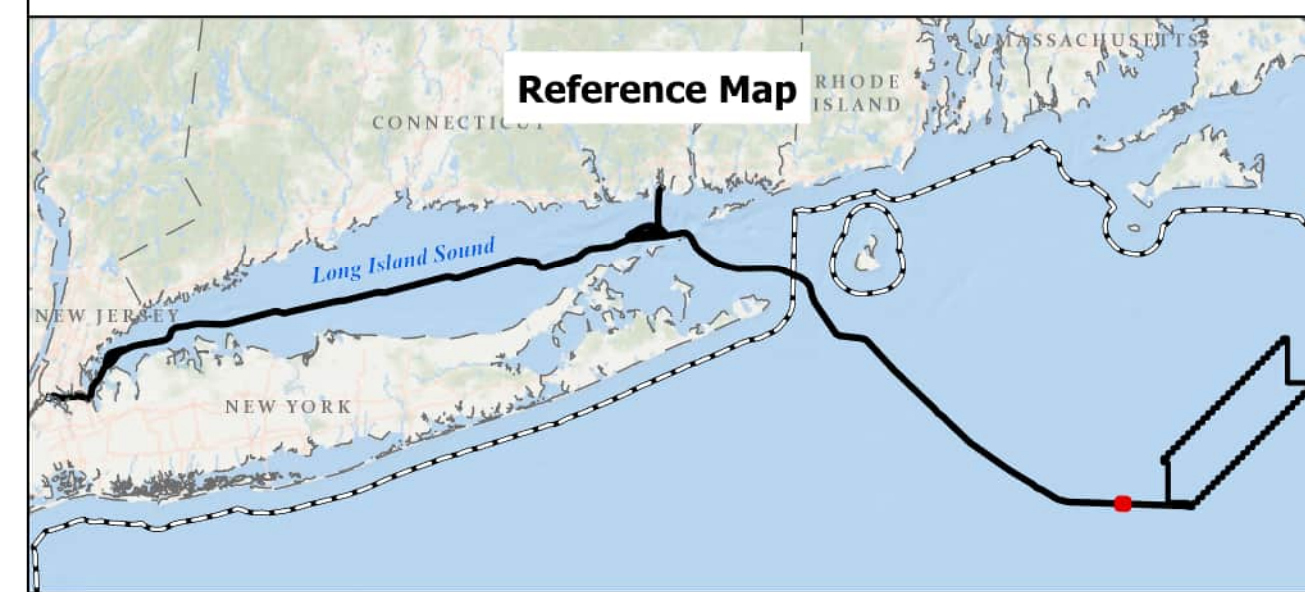


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | |
|--|---|
| Station Type
+ Grab and Video
◆ SPI/PV | CMECS Geoform
● Burrows/Bioturbation |
| CMECS Classification
● Soft Sediment Fauna
● CMECS Substrate
● Sandy Mud | Interpreted Seabed Sediment/NMFS Habitat Characterization
● Mud and Sandy Mud/Soft Bottom Habitat |

Note:
1) Legend only shows items visible in the current map extent.

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Scale: 1:5,000



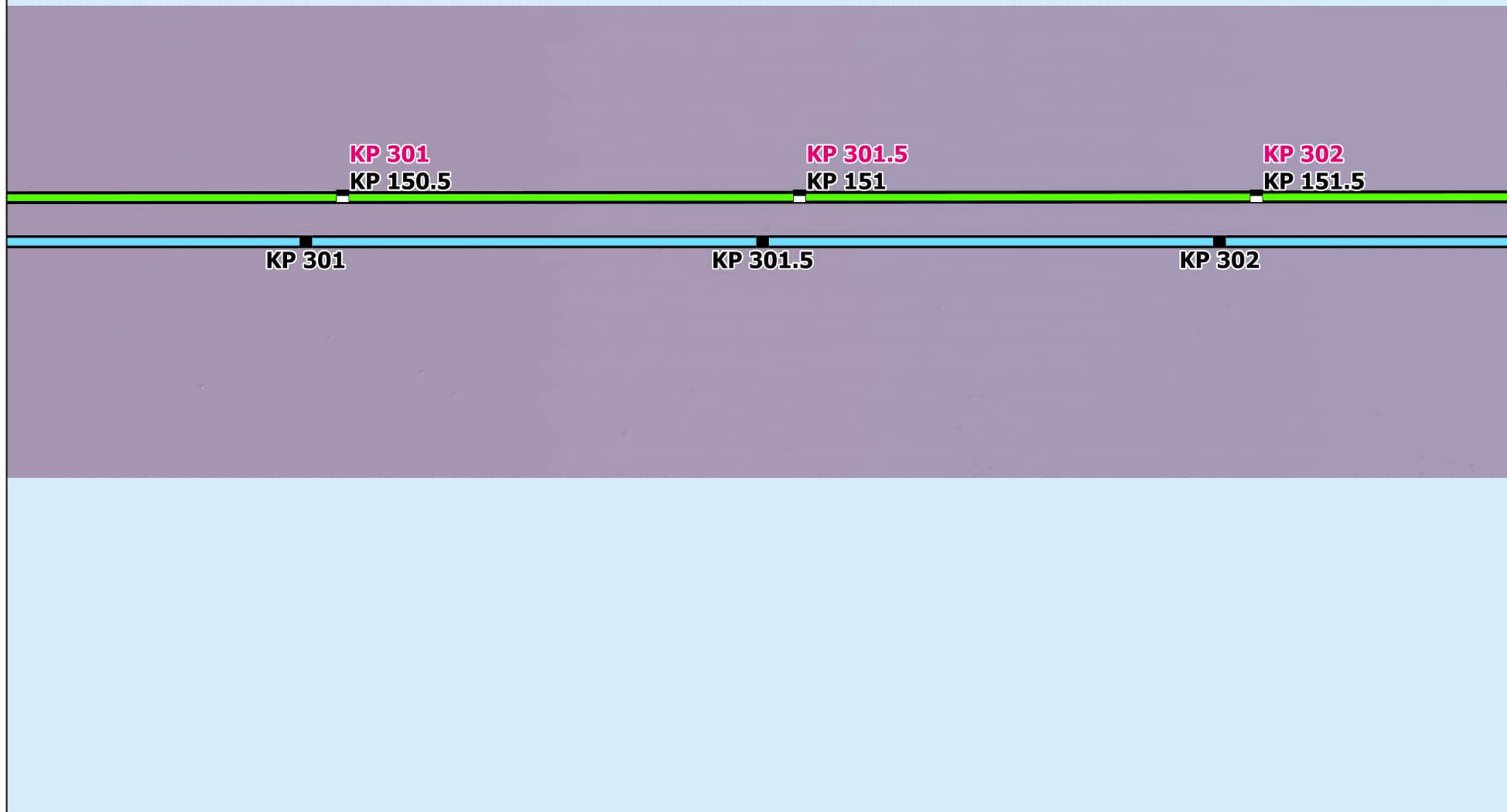
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 220

BW1 (NY) - KP 299.5 - KP 300.5
BW2 (NY) - KP 299.5 - KP 300.5
BW2 (CT) - KP 149 - KP 150

Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



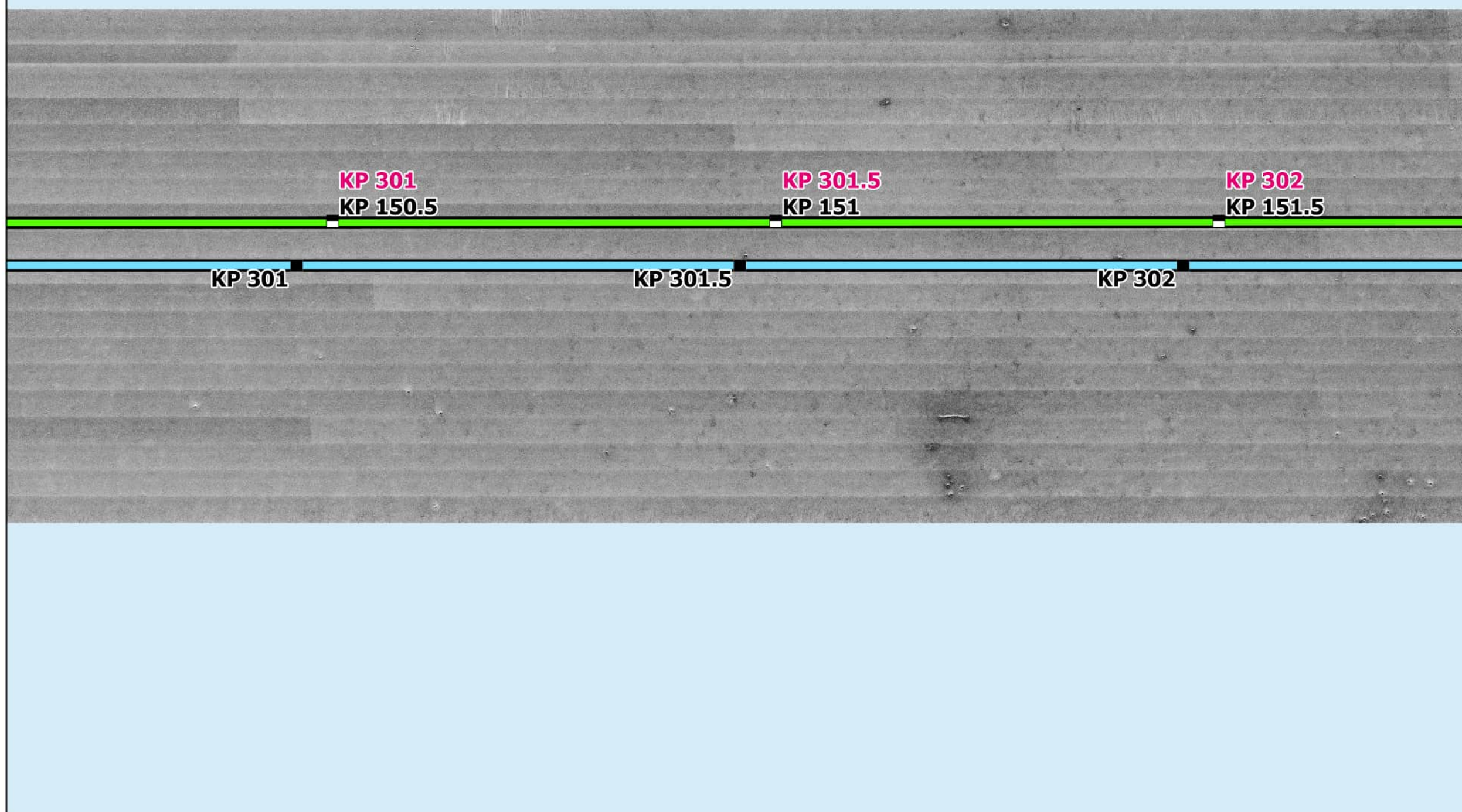
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



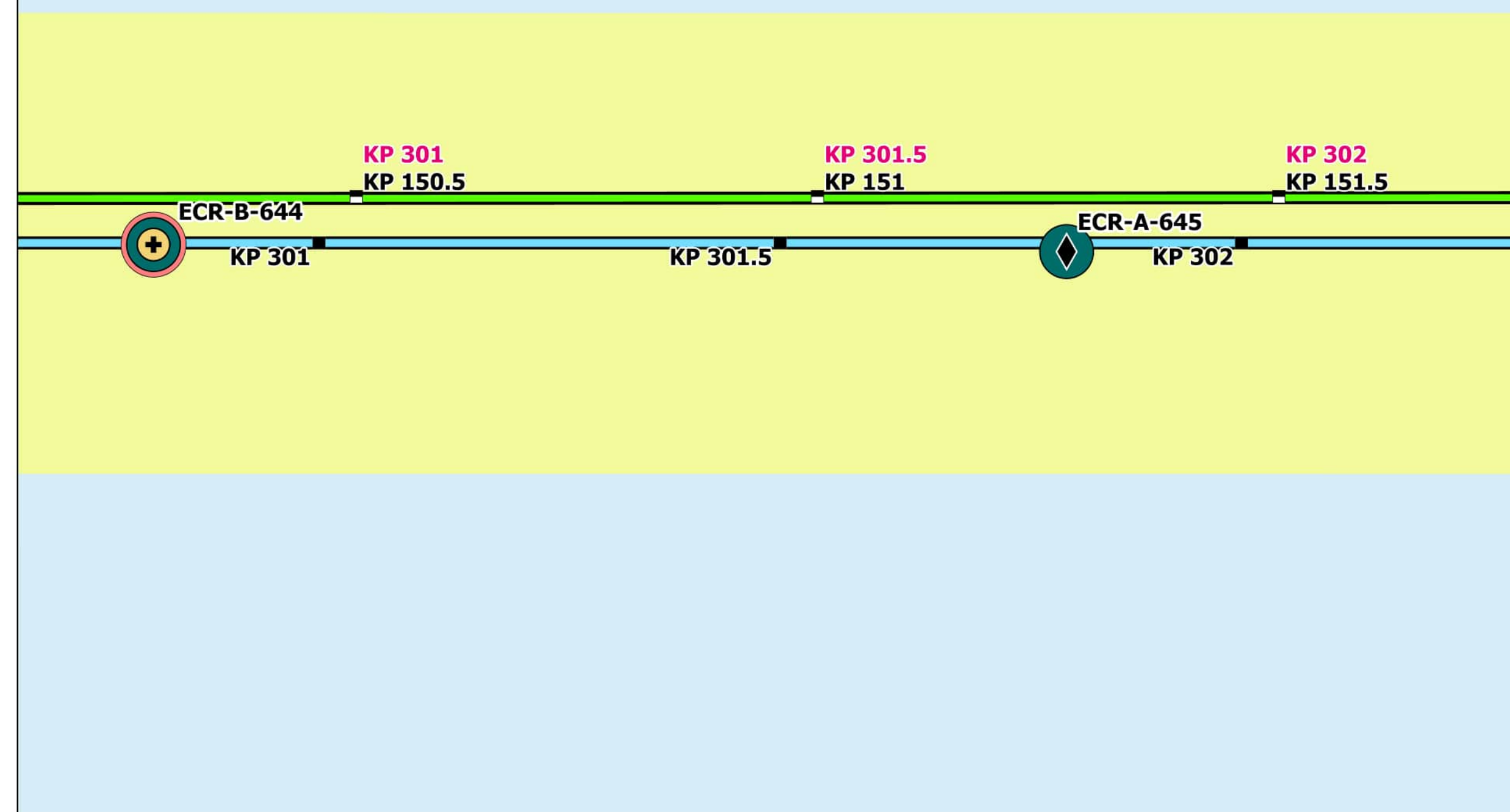
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

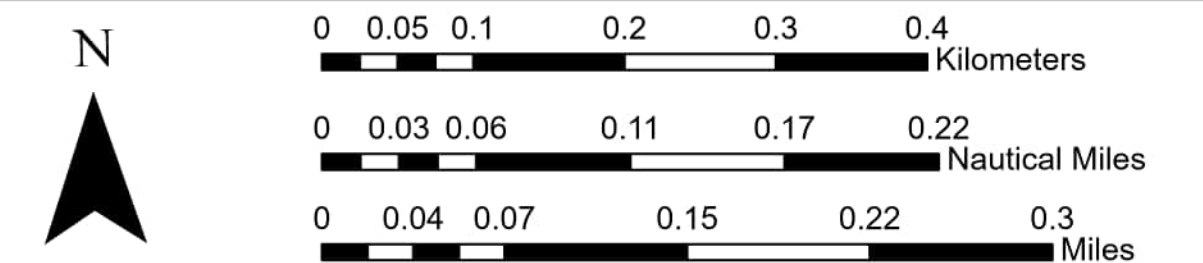
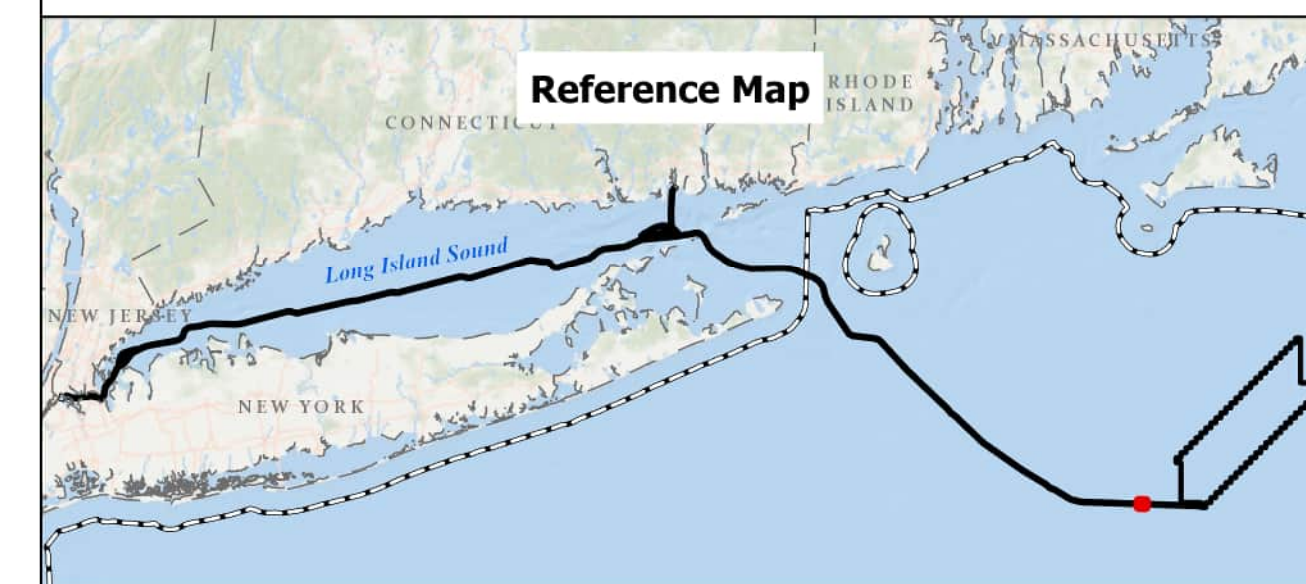
- Station Type**
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Geoform**
 - Burrows/Bioturbation
- CMECS Classification**
 - Soft Sediment Fauna
 - Sandy Mud
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

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Date: 2/28/2023

Scale: 1:5,000



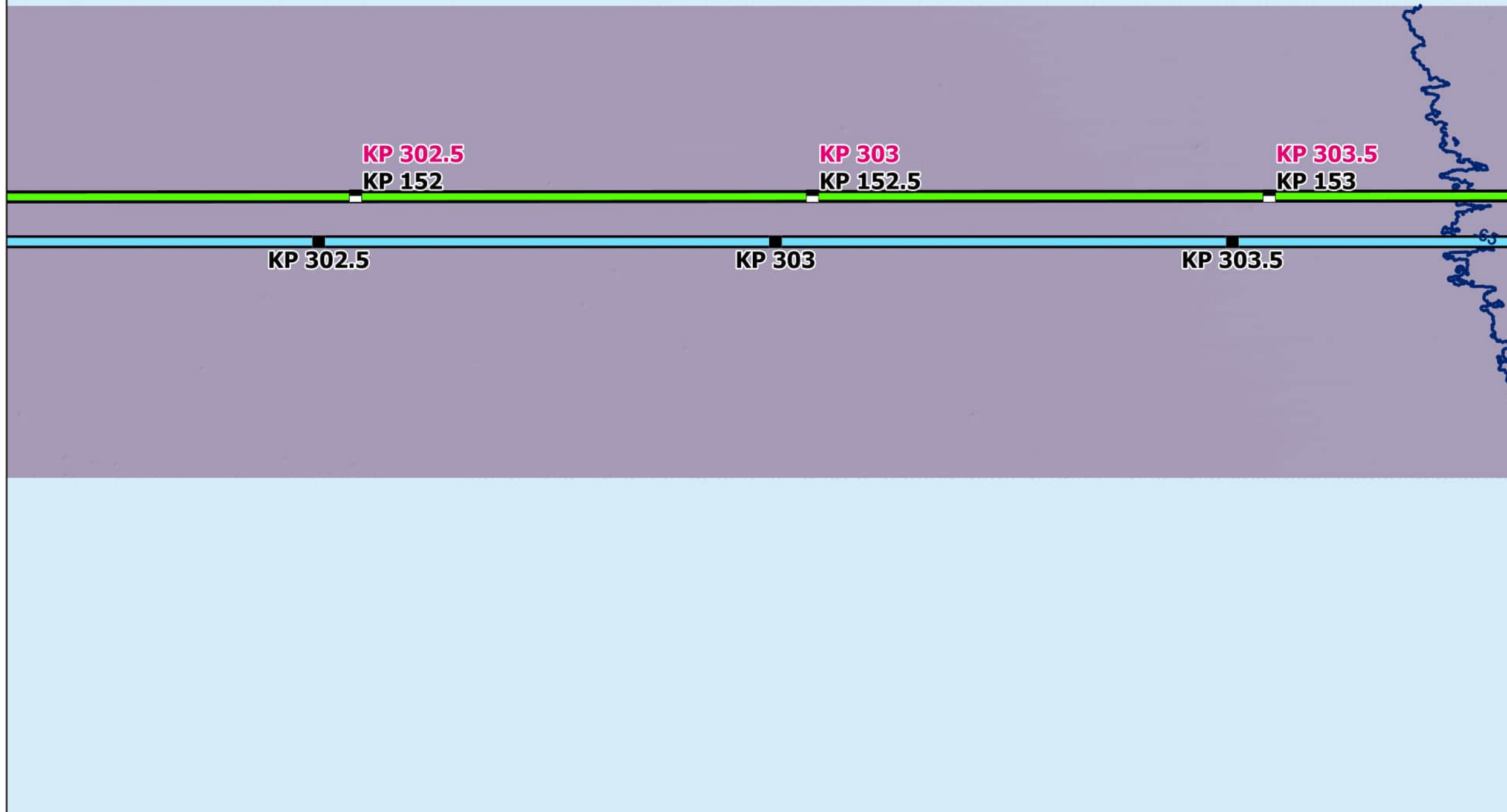
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 221

BW1 (NY) - KP 301 - KP 302
BW2 (NY) - KP 301 - KP 302
BW2 (CT) - KP 150.5 - KP 151.5

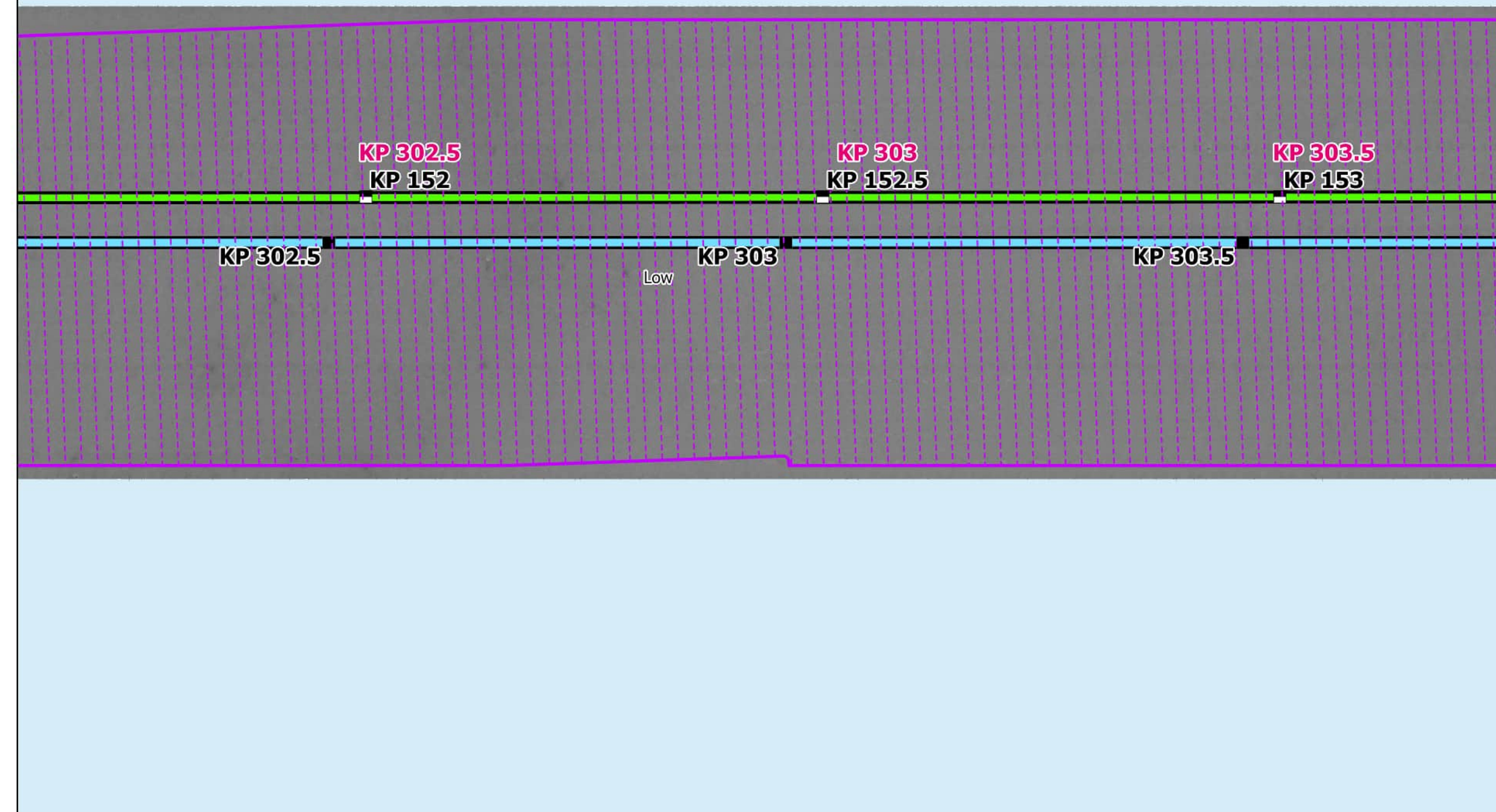
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



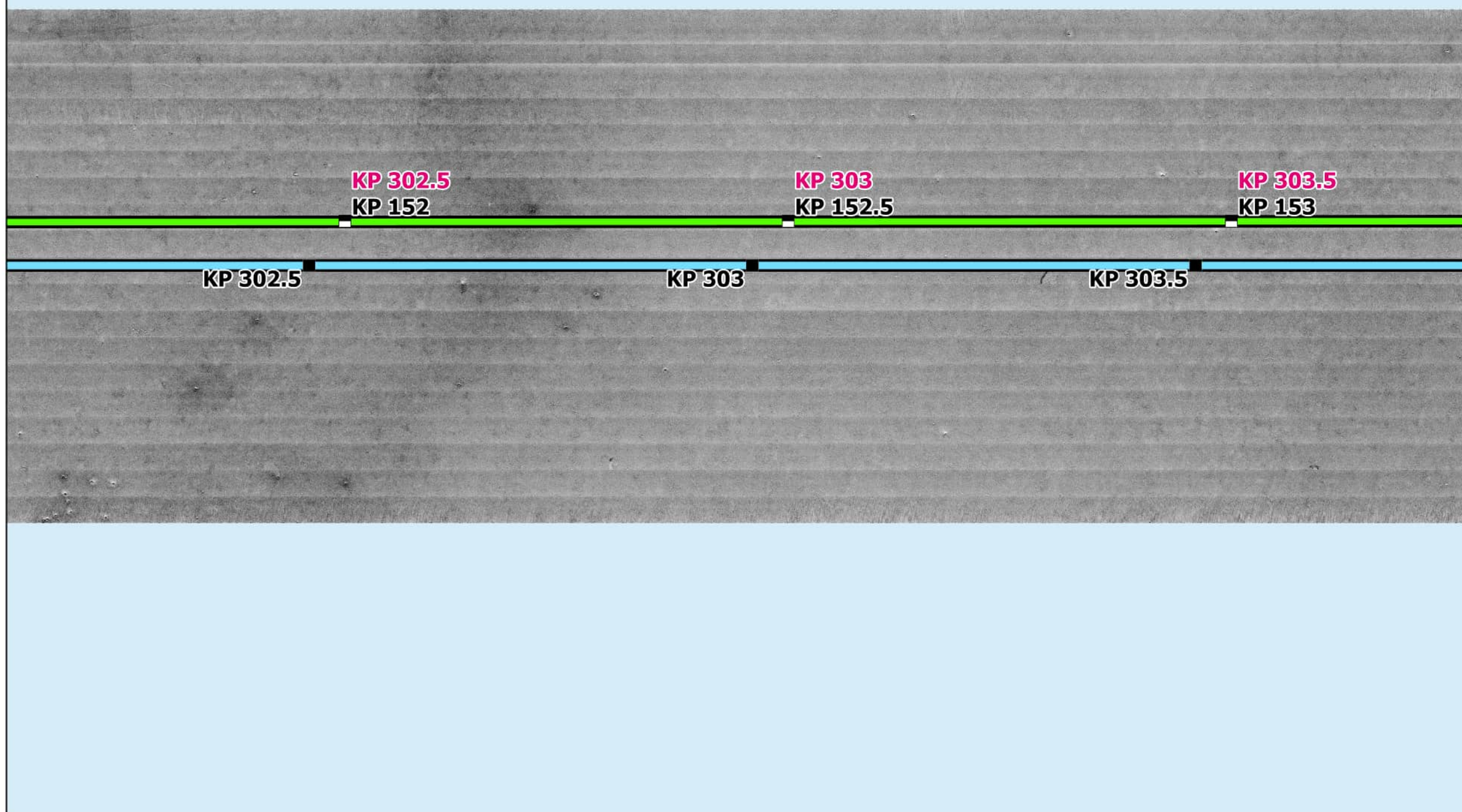
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



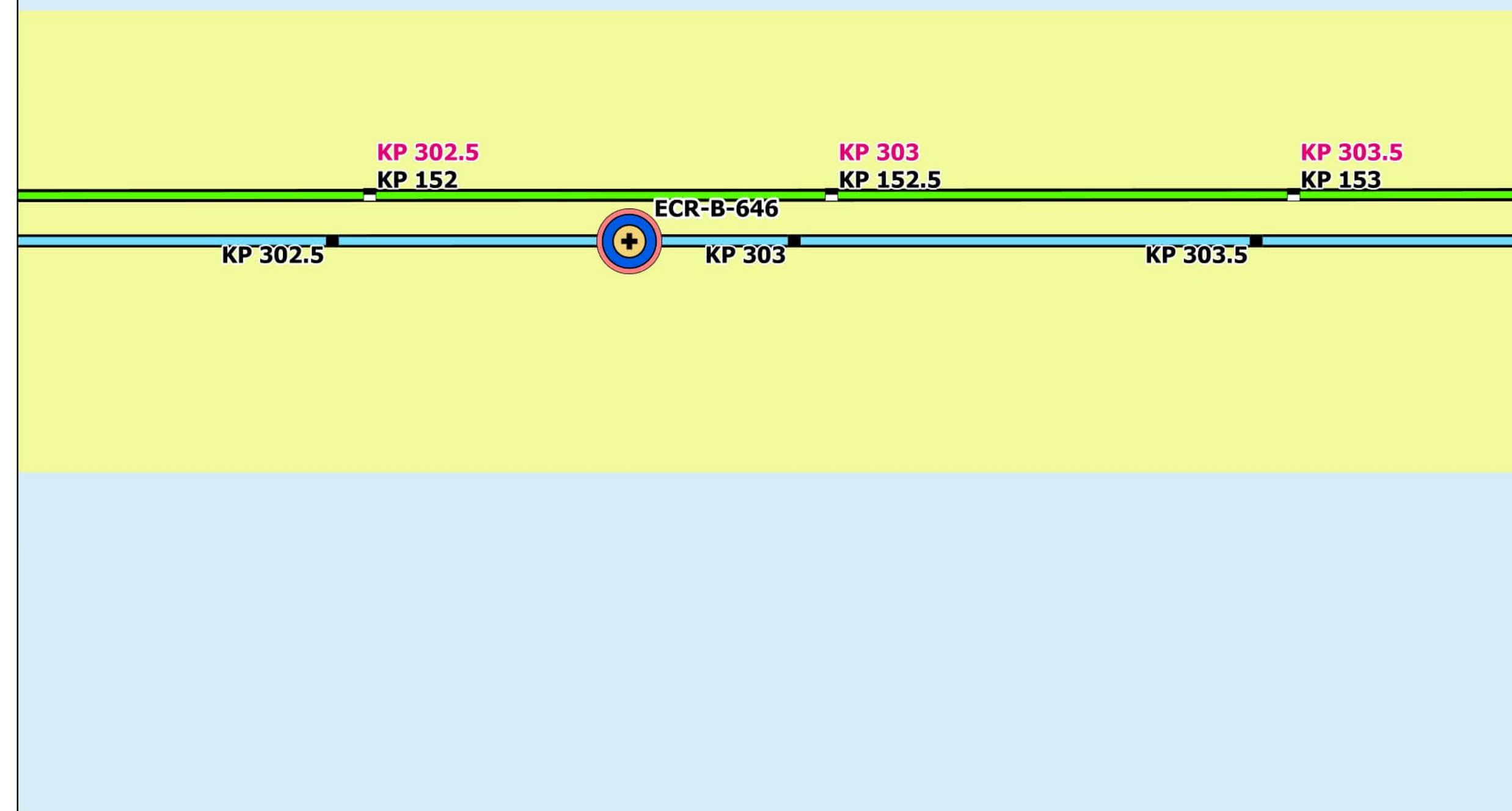
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

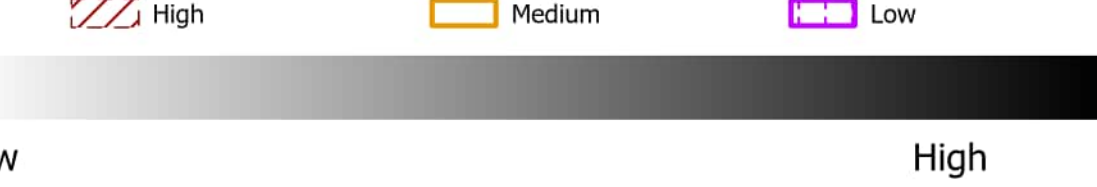
Bathymetry (MLLW)

Major Contours (5m Interval)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

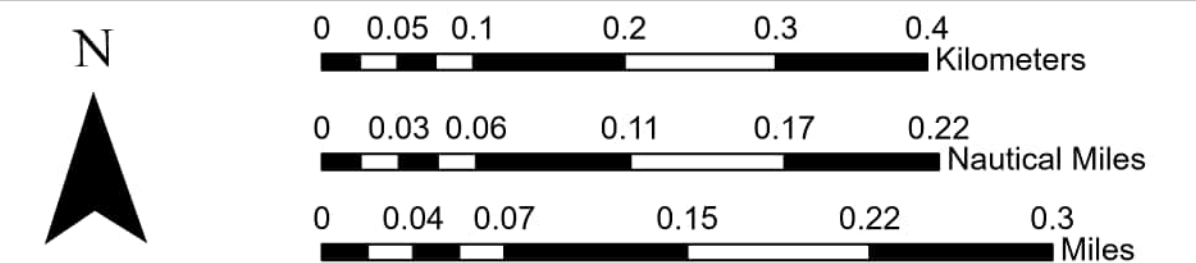
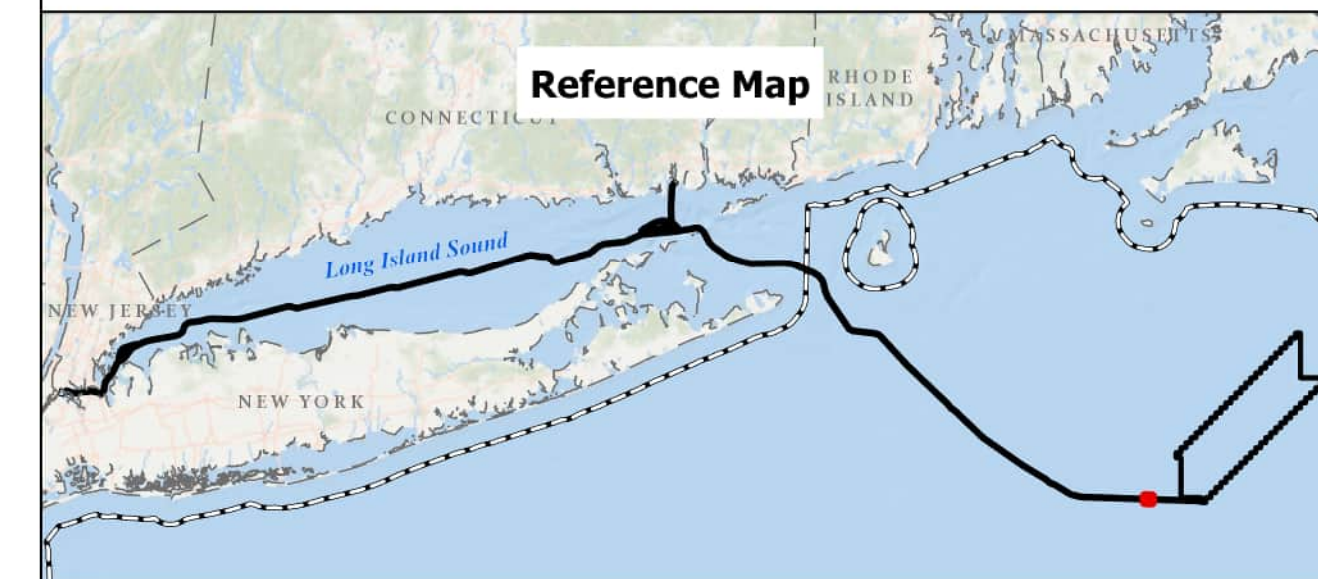
- Station Type
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification
 - Soft Sediment Fauna
 - Muddy Sand
- CMECS Biotic
 - Sandy Mud
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization
 - Mud and Sandy Mud/Soft Bottom Habitat

Note: 1) Legend only shows items visible in the current map extent.

Prepared By: AECOM

Date: 2/28/2023

Scale: 1:5,000



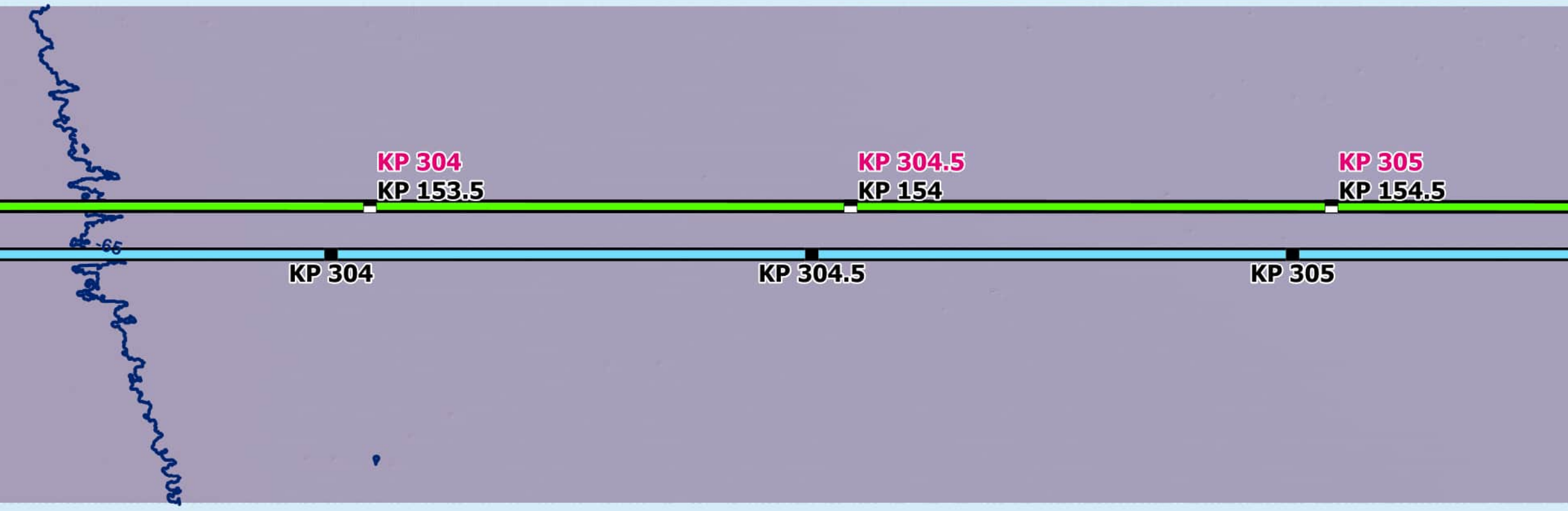
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 222

BW1 (NY) - KP 302.5 - KP 303.5
BW2 (NY) - KP 302.5 - KP 303.5
BW2 (CT) - KP 152 - KP 153

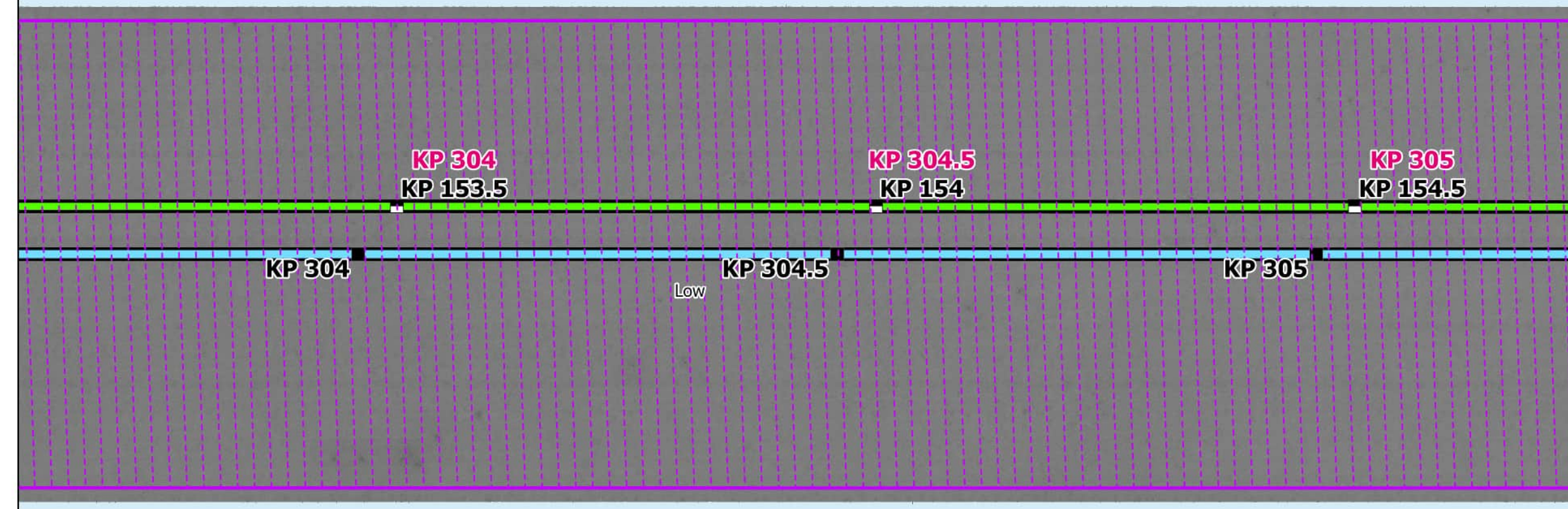
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



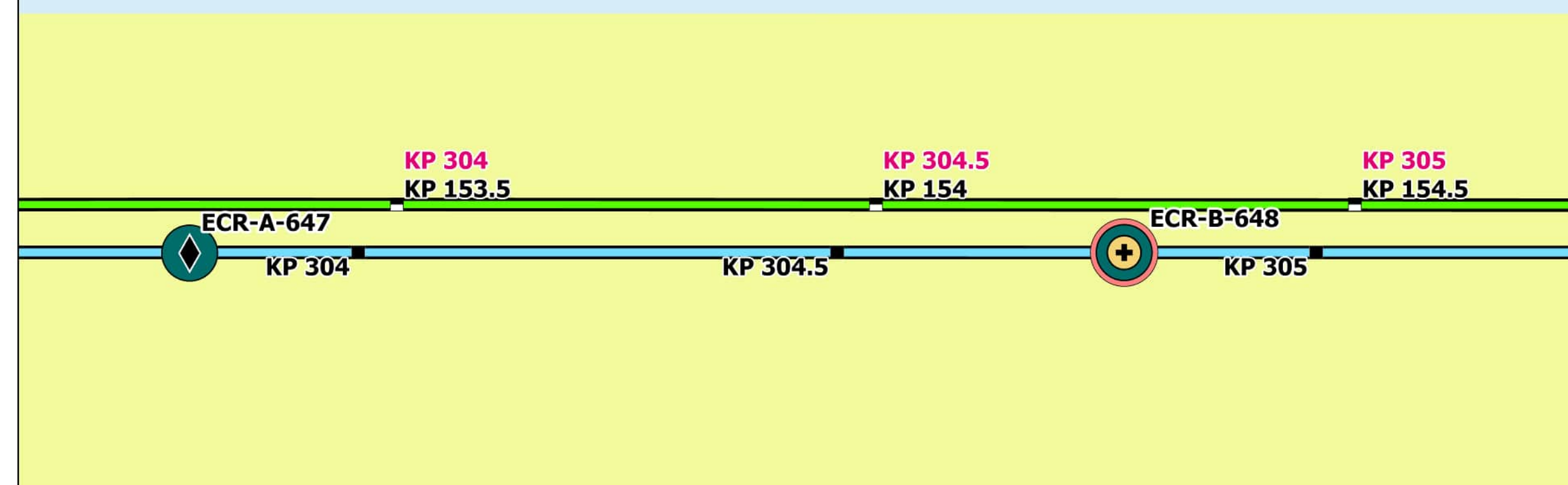
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)

— Major Contours (5m Interval)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

Station Type

- ⊕ Grab and Video
- ◆ SPI/PV

CMECS Geoform

- Burrows/Bioturbation

CMECS Classification

CMECS Biotic

- Soft Sediment Fauna

CMECS Substrate

- Sandy Mud

Interpreted Seabed Sediment/NMFS Habitat Characterization

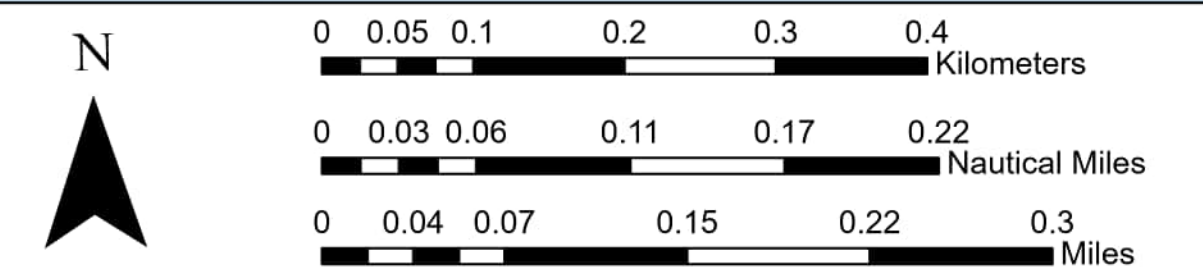
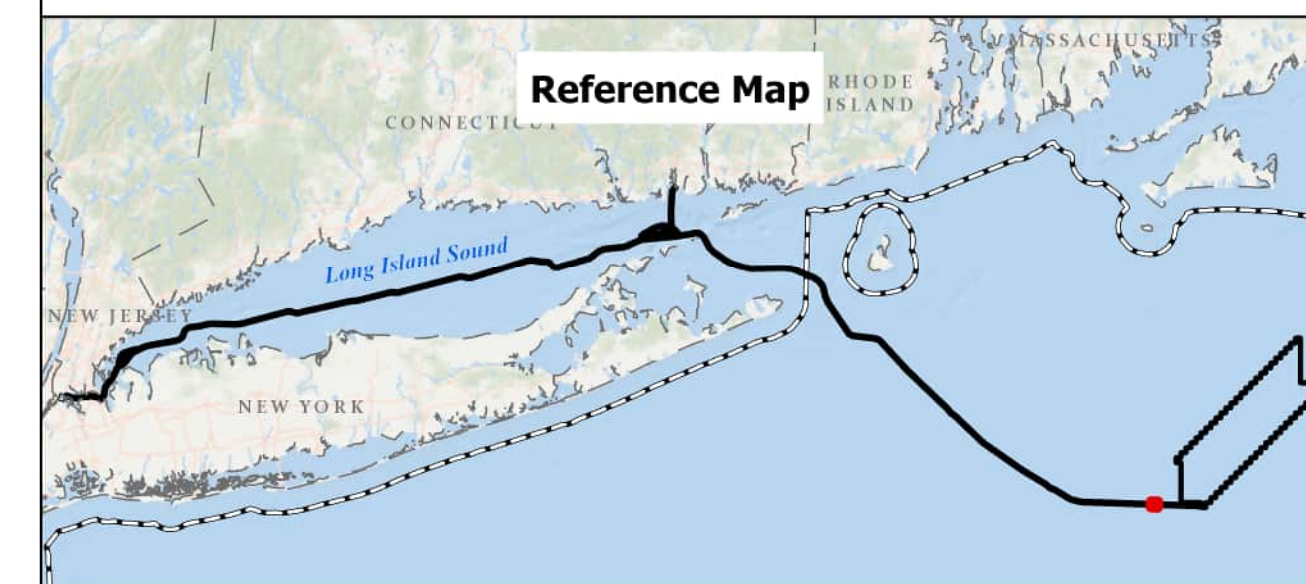
- Mud and Sandy Mud/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

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Date: 2/28/2023

Scale: 1:5,000



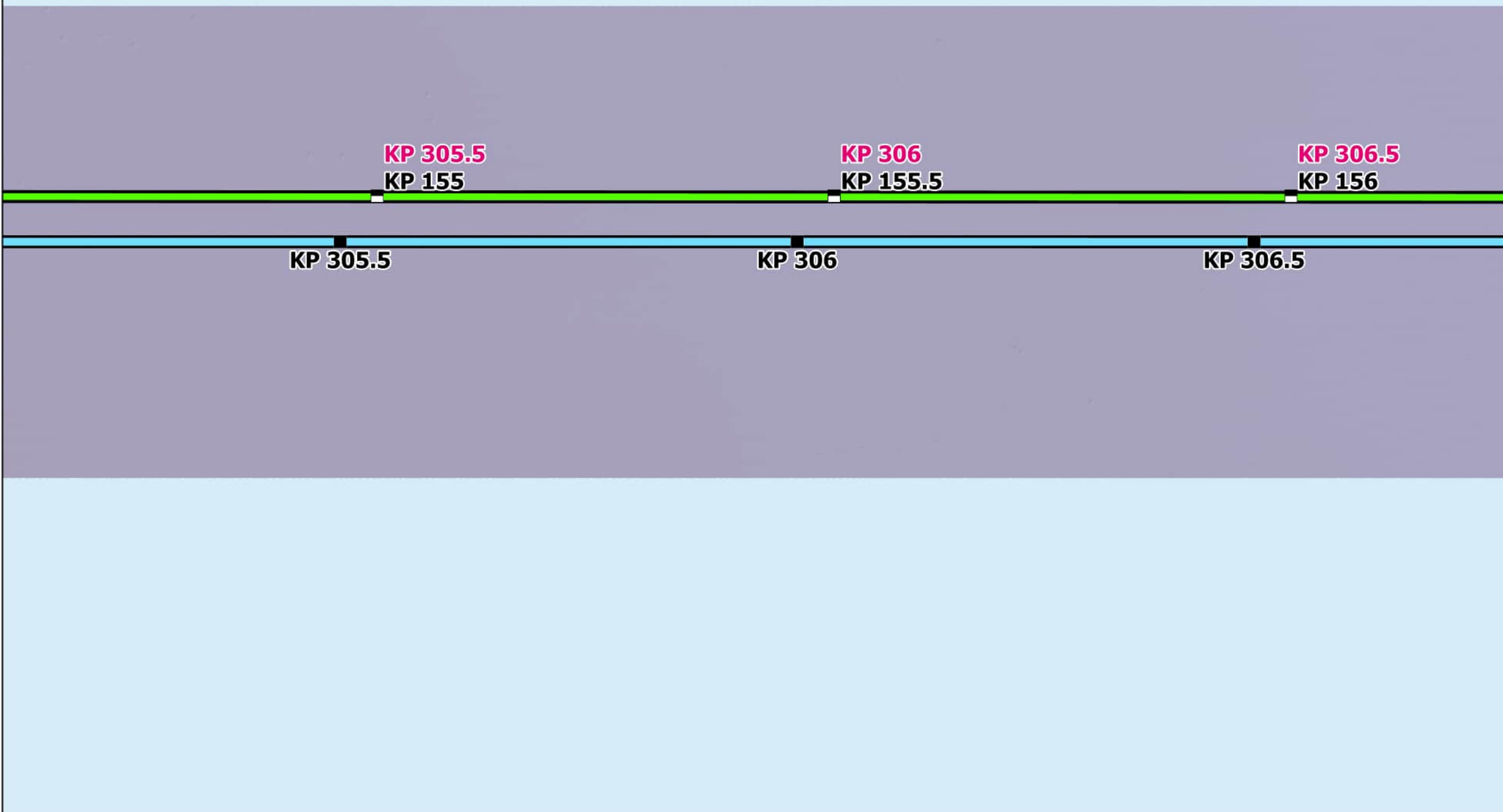
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 223

BW1 (NY) - KP 304 - KP 305
BW2 (NY) - KP 304 - KP 305
BW2 (CT) - KP 153.5 - KP 154.5

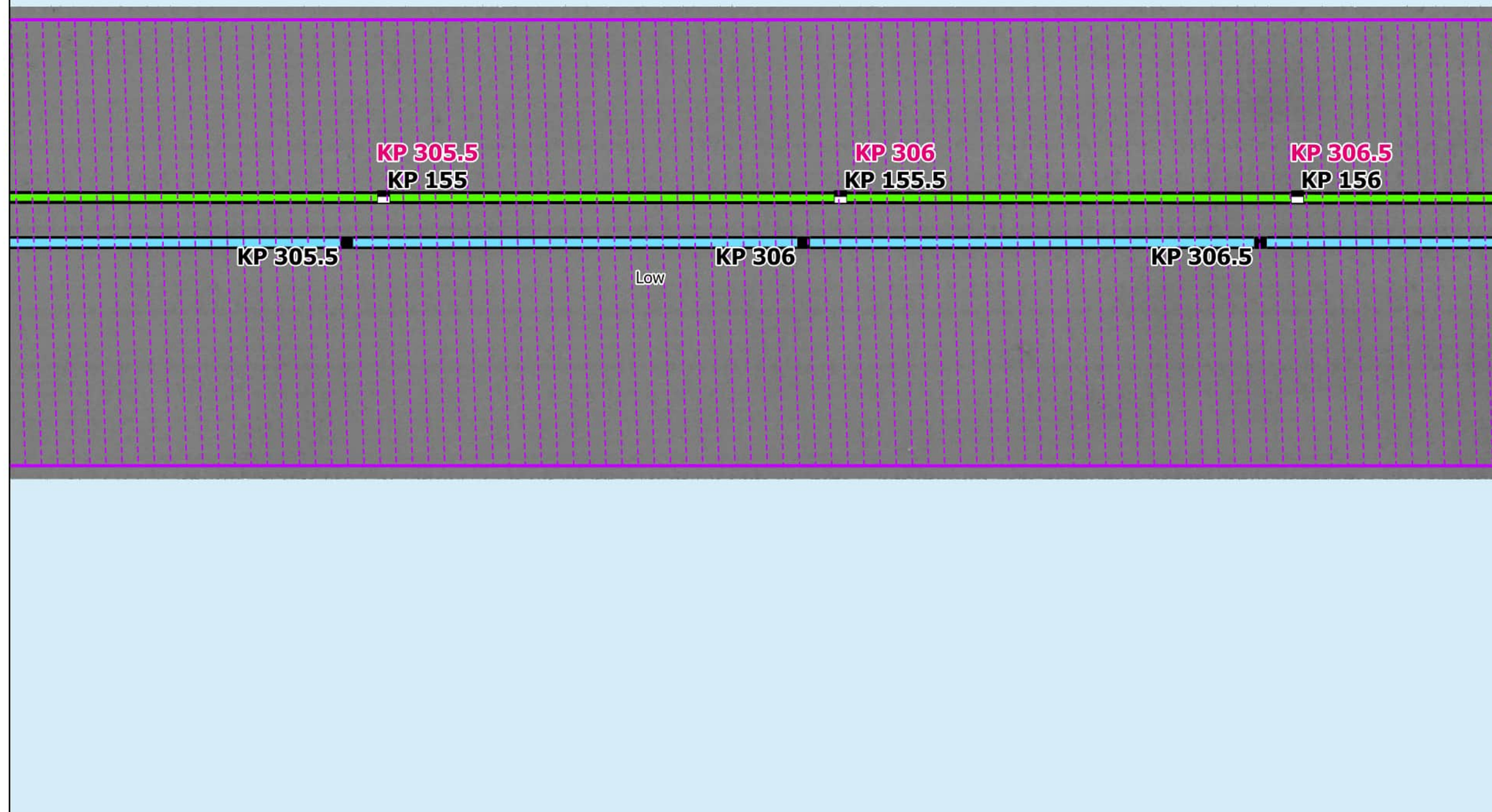
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



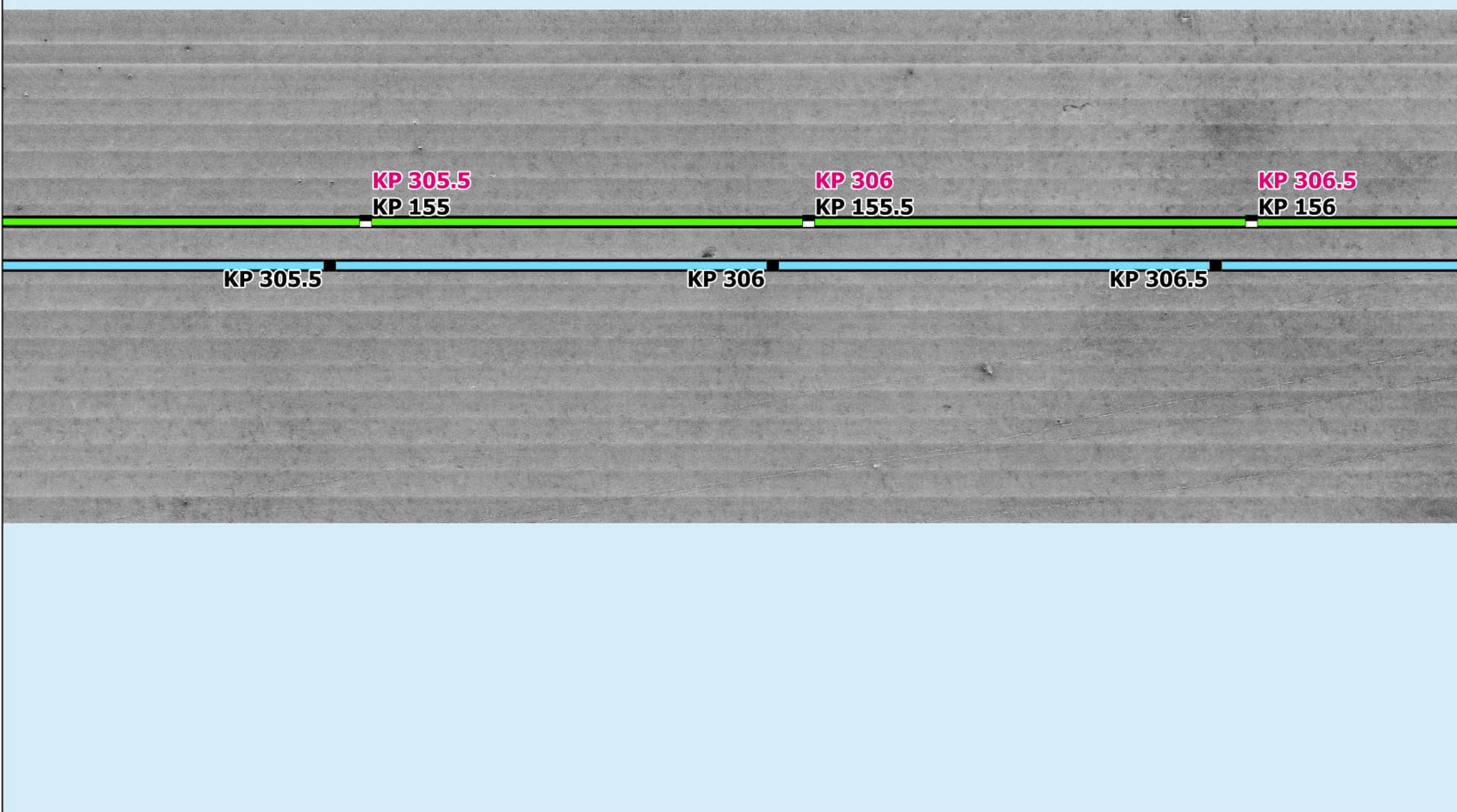
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



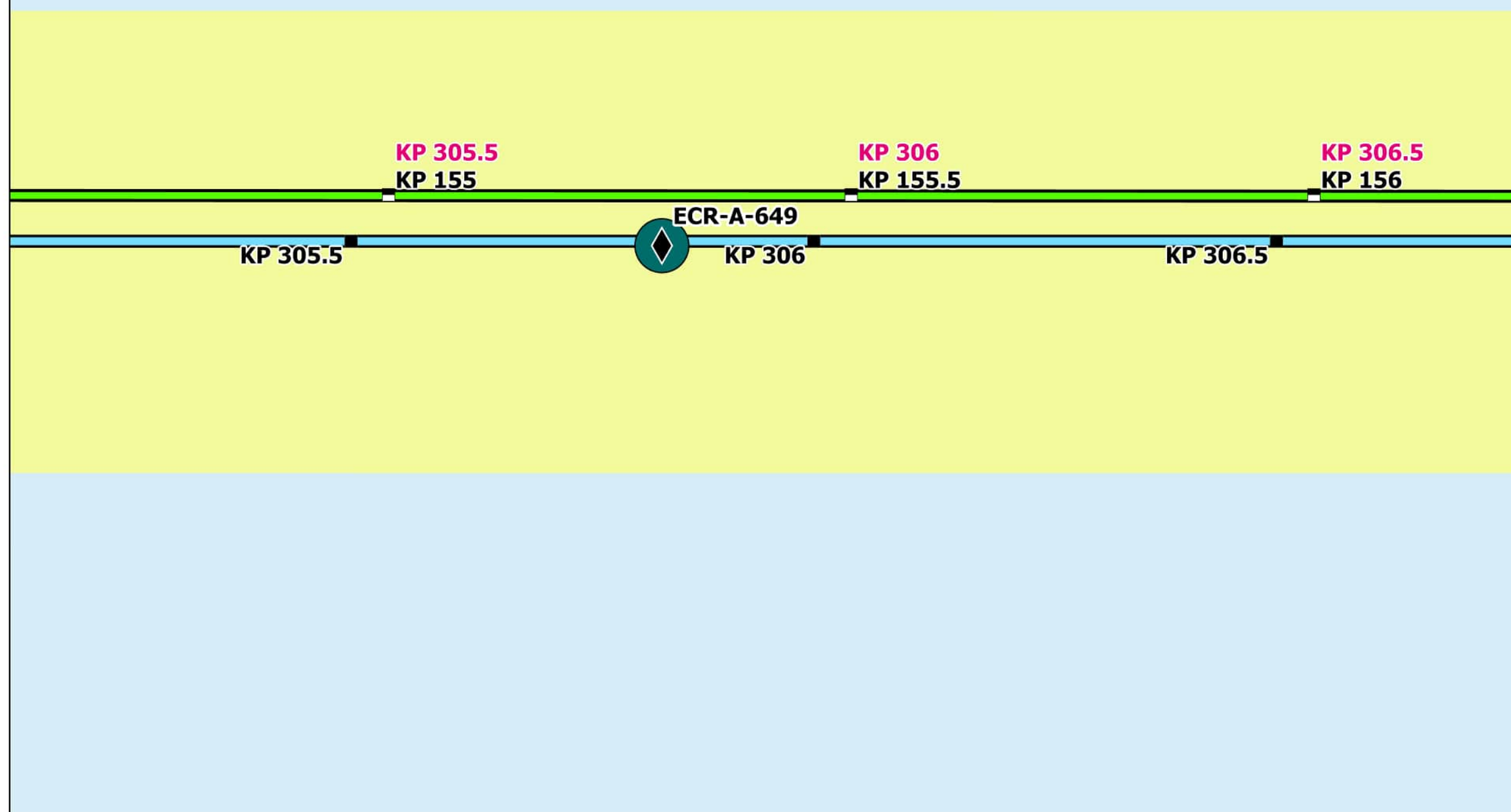
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

Station Type

◆ SPI/PV

Interpreted Seabed Sediment/ NMFS Habitat Characterization

■ Mud and Sandy Mud/Soft Bottom Habitat

CMECS Substrate

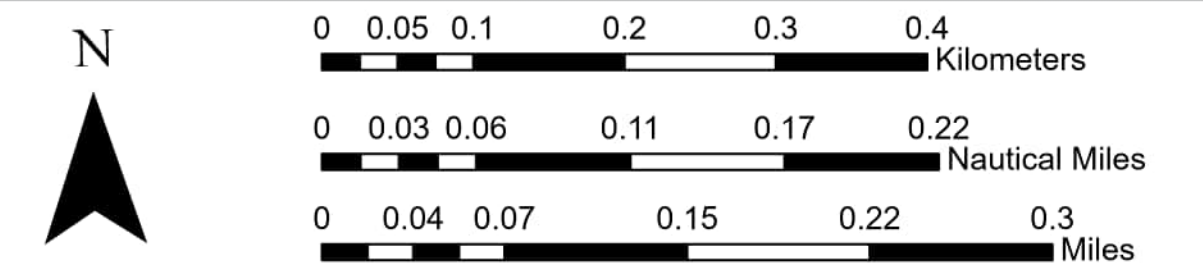
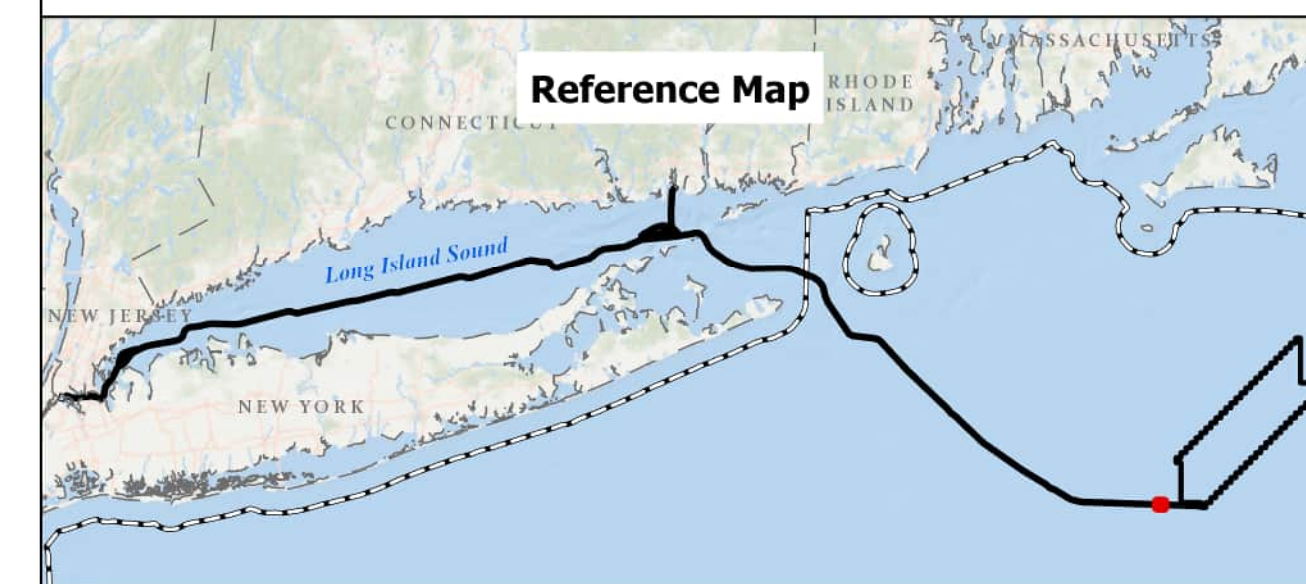
● Sandy Mud

Note:
1) Legend only shows items visible in the current map extent.

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Scale: 1:5,000



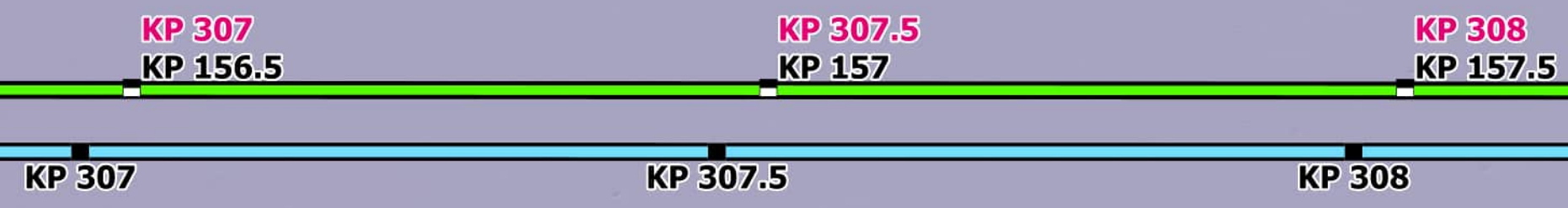
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 224

BW1 (NY) - KP 305.5 - KP 306.5
BW2 (NY) - KP 305.5 - KP 306.5
BW2 (CT) - KP 155 - KP 156

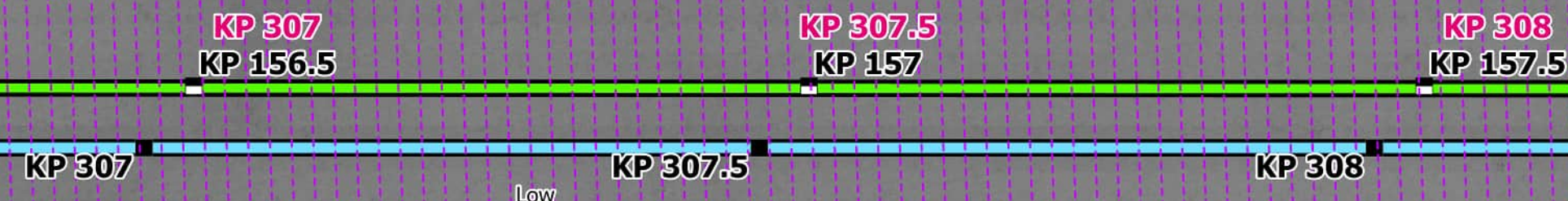
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



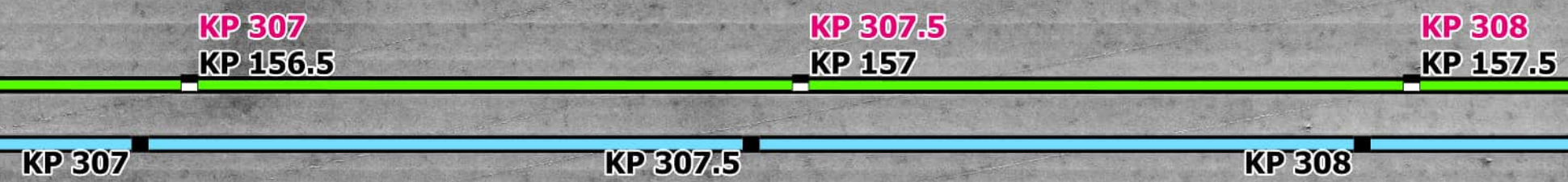
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



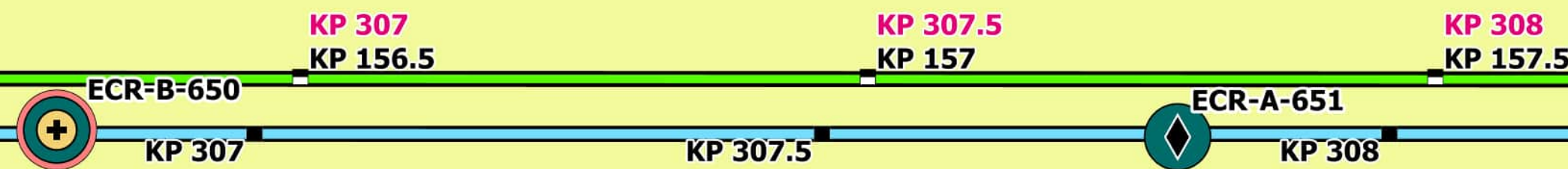
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



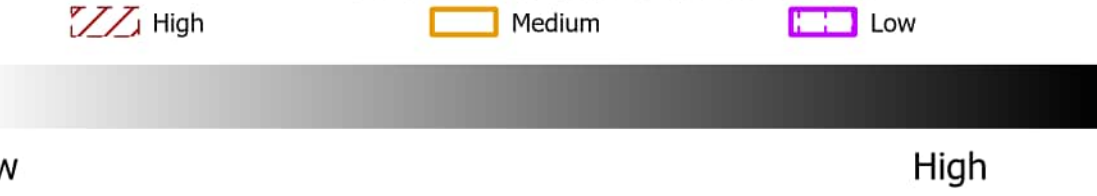
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar

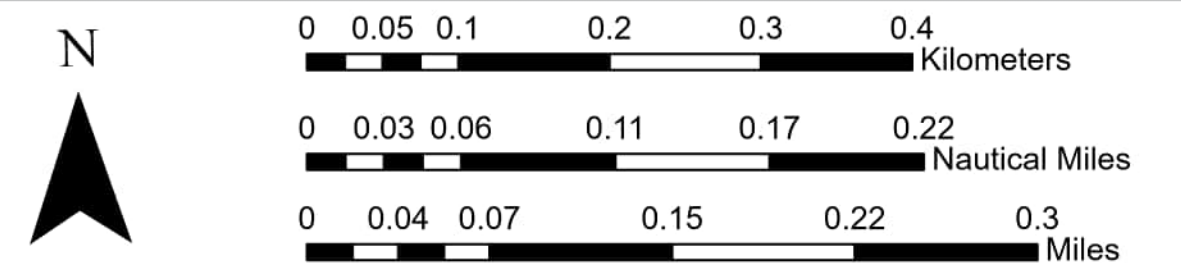
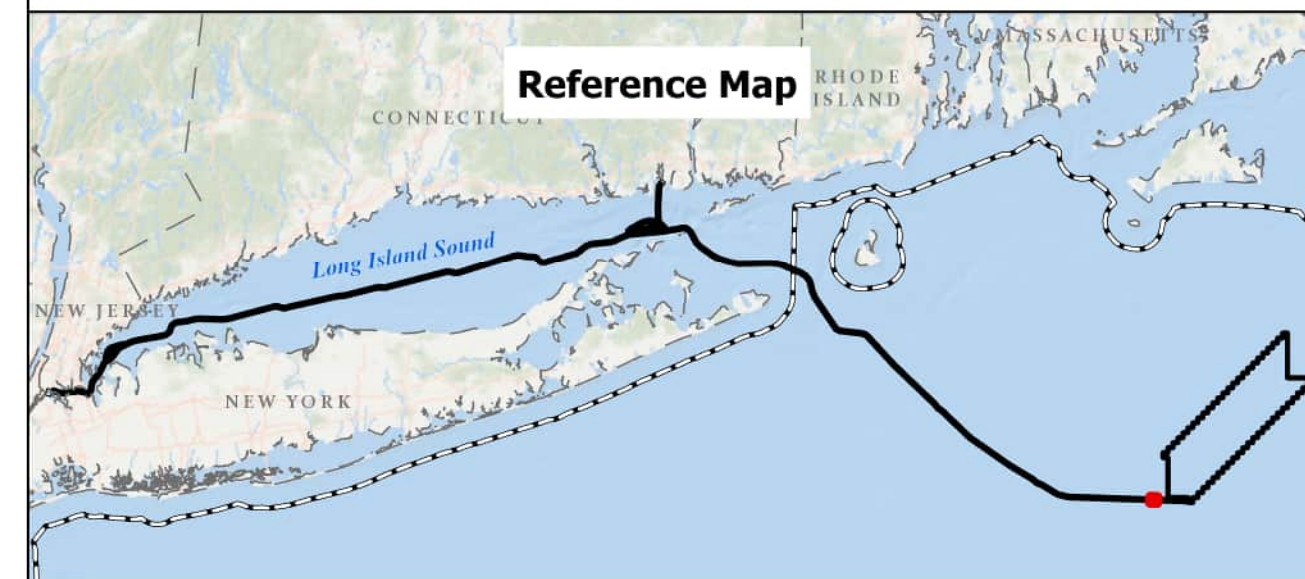


Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

- | | |
|-----------------------------|--|
| Station Type | CMECS Geoform |
| ⊕ Grab and Video | ● Burrows/Bioturbation |
| ◆ SPI/PV | ● Mud and Sandy Mud/Soft Bottom Habitat |
| CMECS Classification | Interpreted Seabed Sediment/NMFS Habitat Characterization |
| ● Soft Sediment Fauna | ● Mud and Sandy Mud/Soft Bottom Habitat |
| CMECS Substrate | |
| ● Sandy Mud | |

Note:
1) Legend only shows items visible in the current map extent.

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Date: 2/28/2023
Scale: 1:5,000



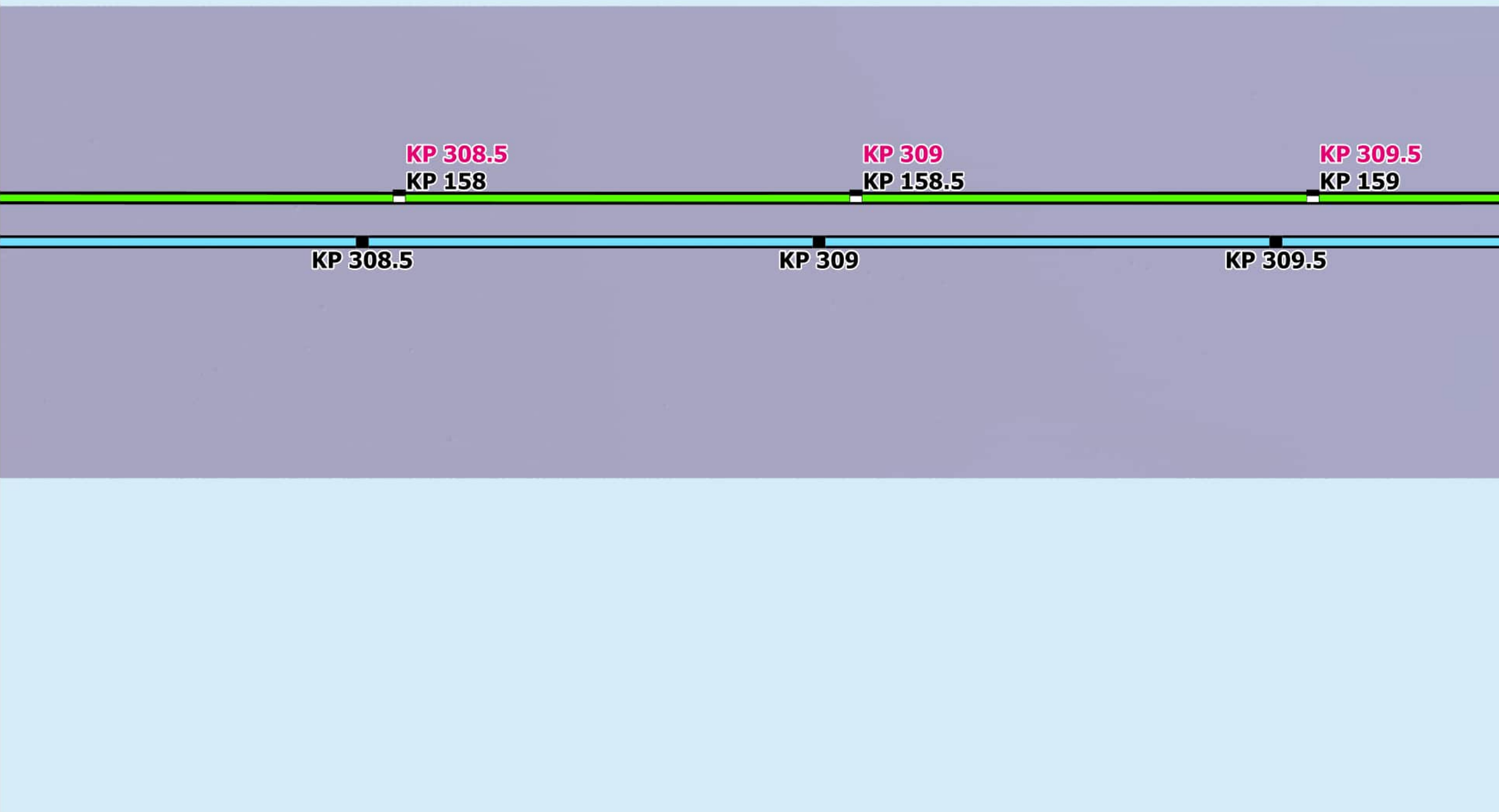
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 225

BW1 (NY) - KP 307 - KP 308
BW2 (NY) - KP 307 - KP 308
BW2 (CT) - KP 156.5 - KP 157.5

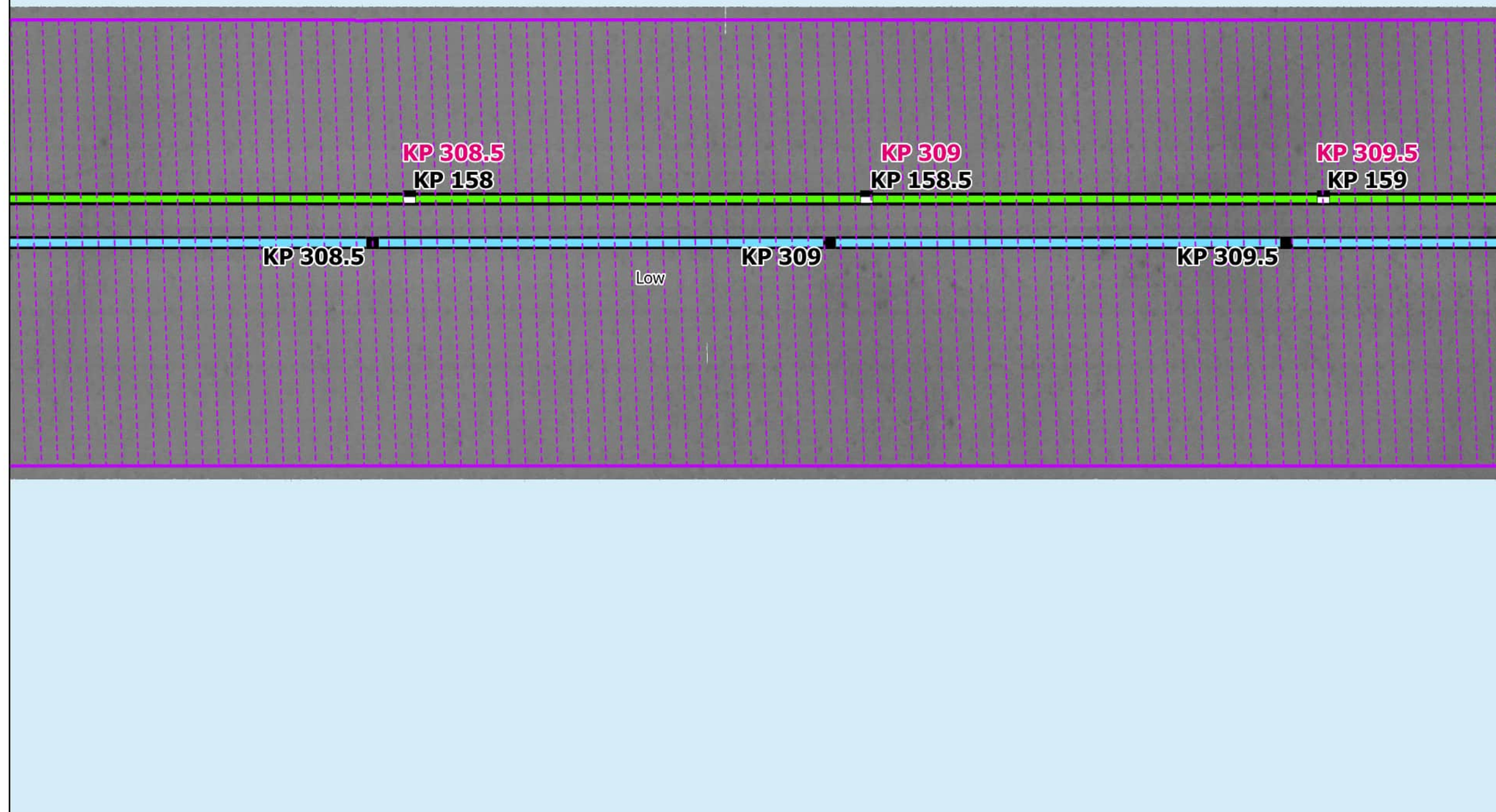
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



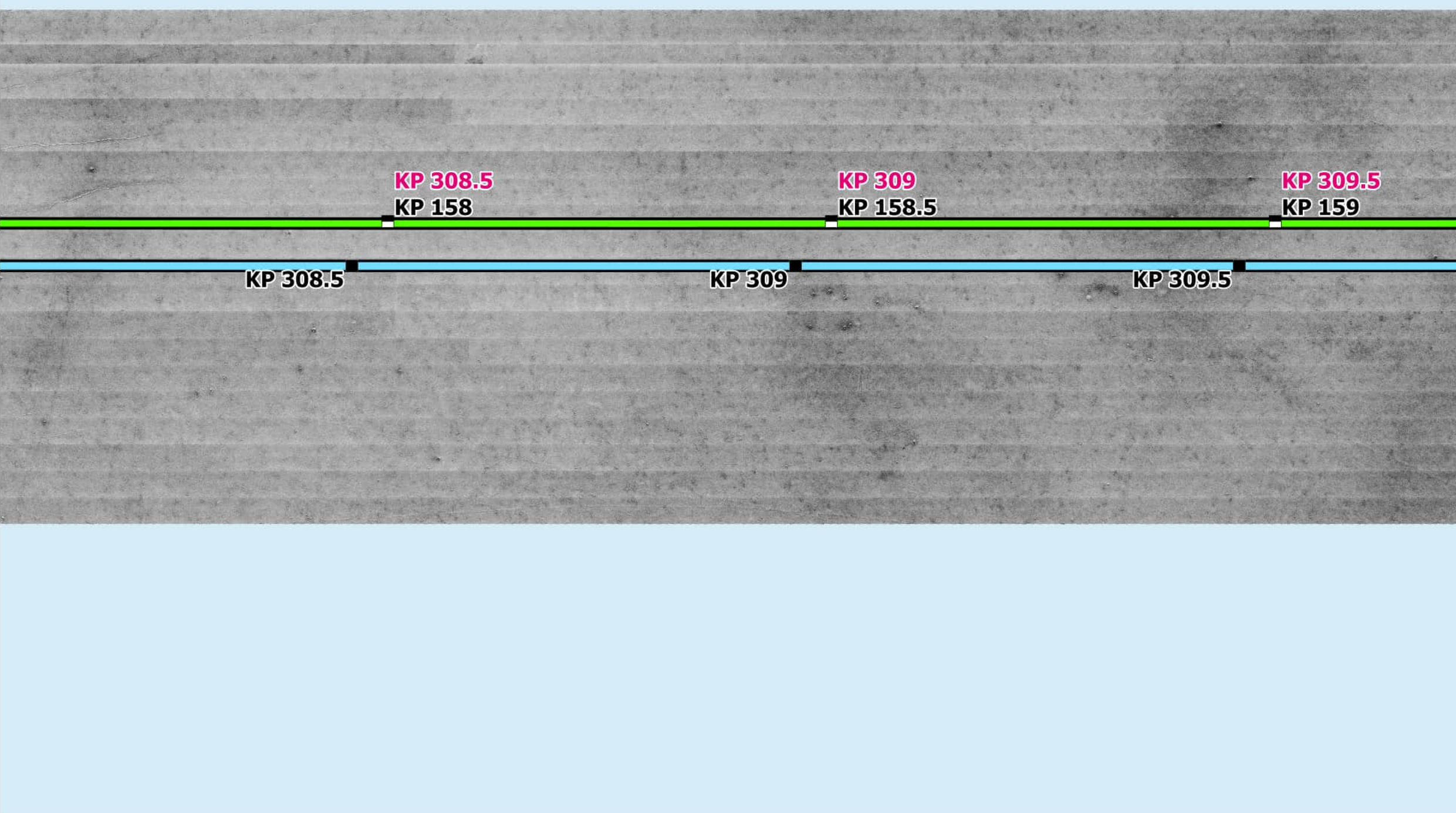
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



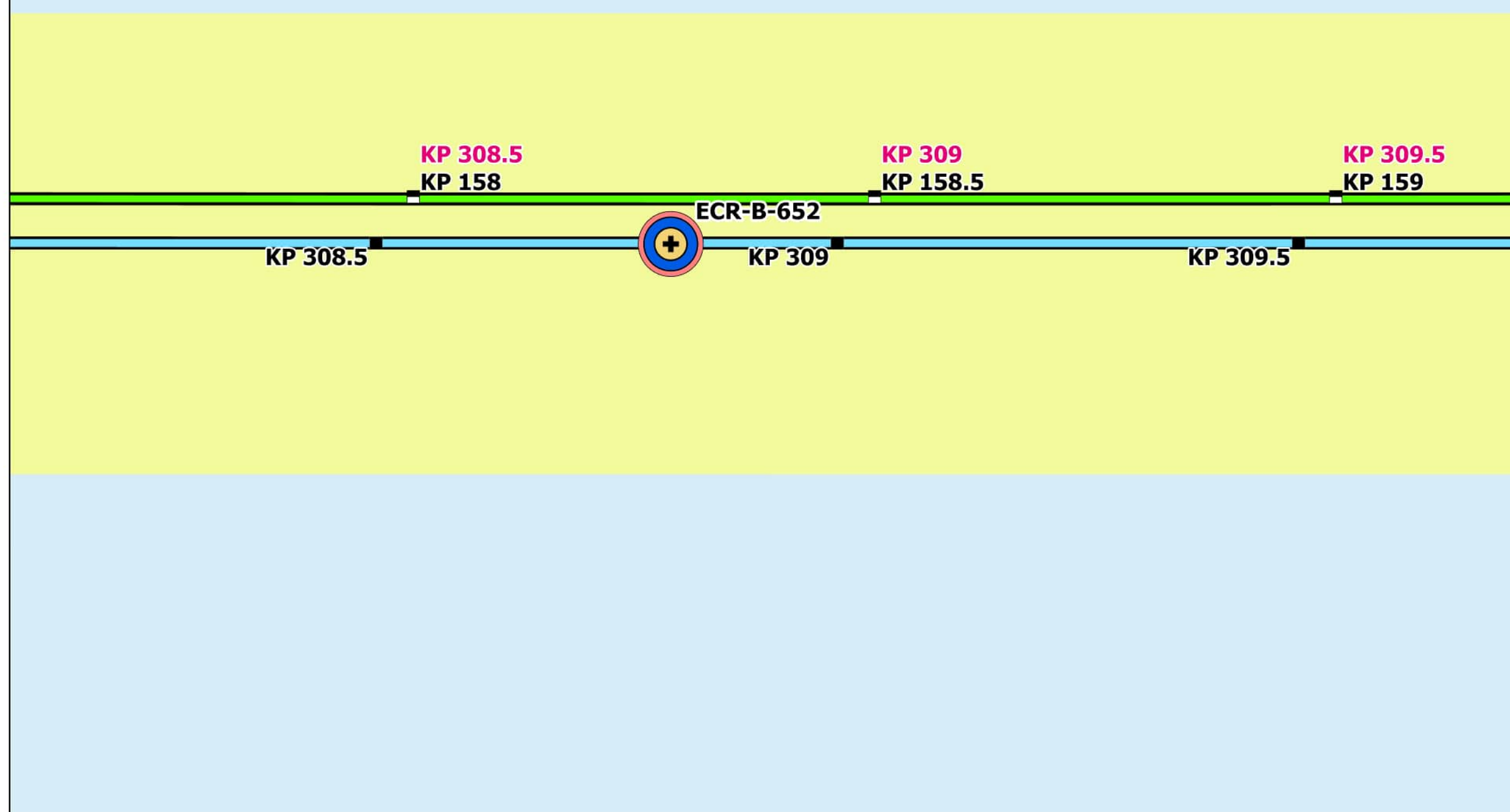
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar

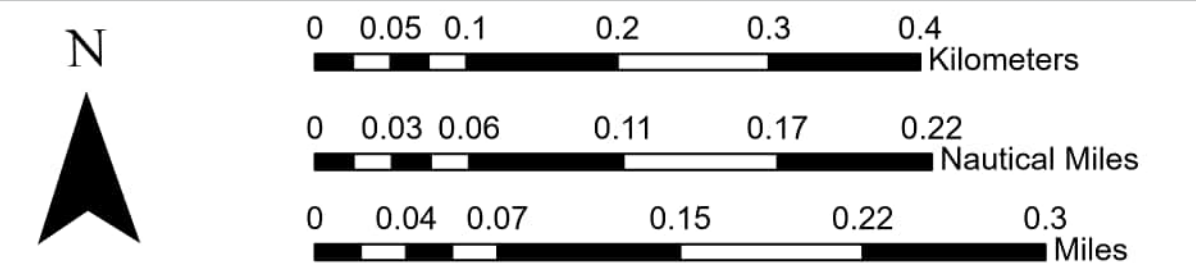
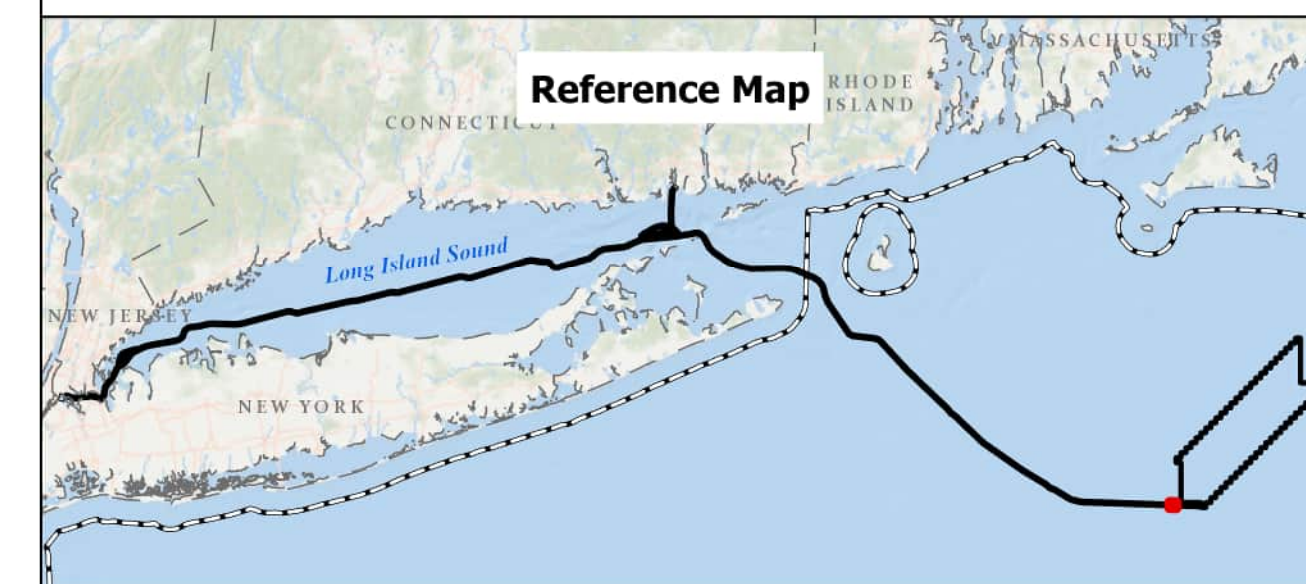


Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ⊕ Grab and Video
- CMECS Classification**
 - Soft Sediment Fauna
 - Muddy Sand
- CMECS Substrate**
 - Muddy Sand
- CMECS Geoform**
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat

Note:
1) Legend only shows items visible in the current map extent.

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Date: 2/28/2023
Scale: 1:5,000



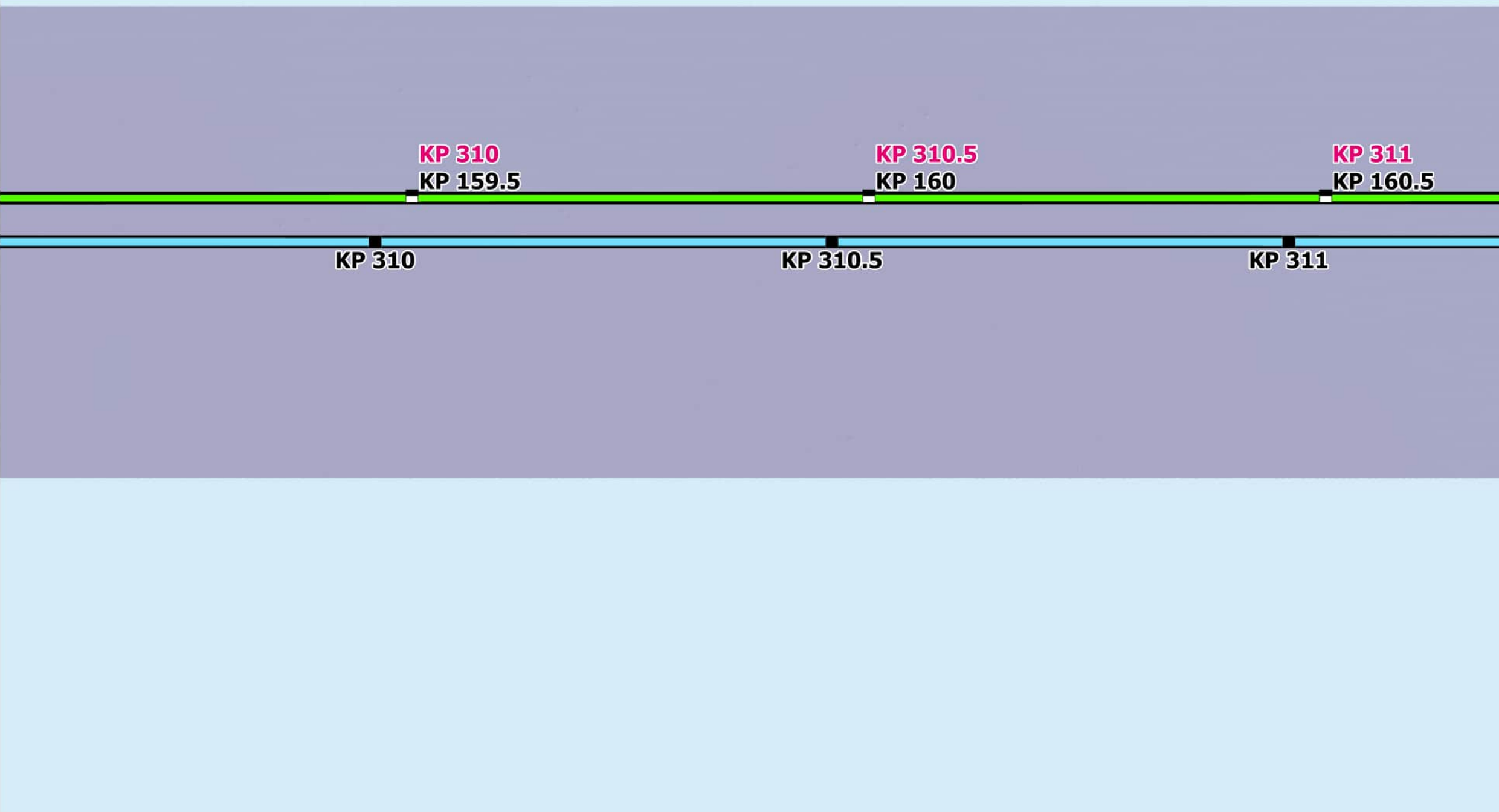
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 226

BW1 (NY) - KP 308.5 - KP 309.5
BW2 (NY) - KP 308.5 - KP 309.5
BW2 (CT) - KP 158 - KP 159

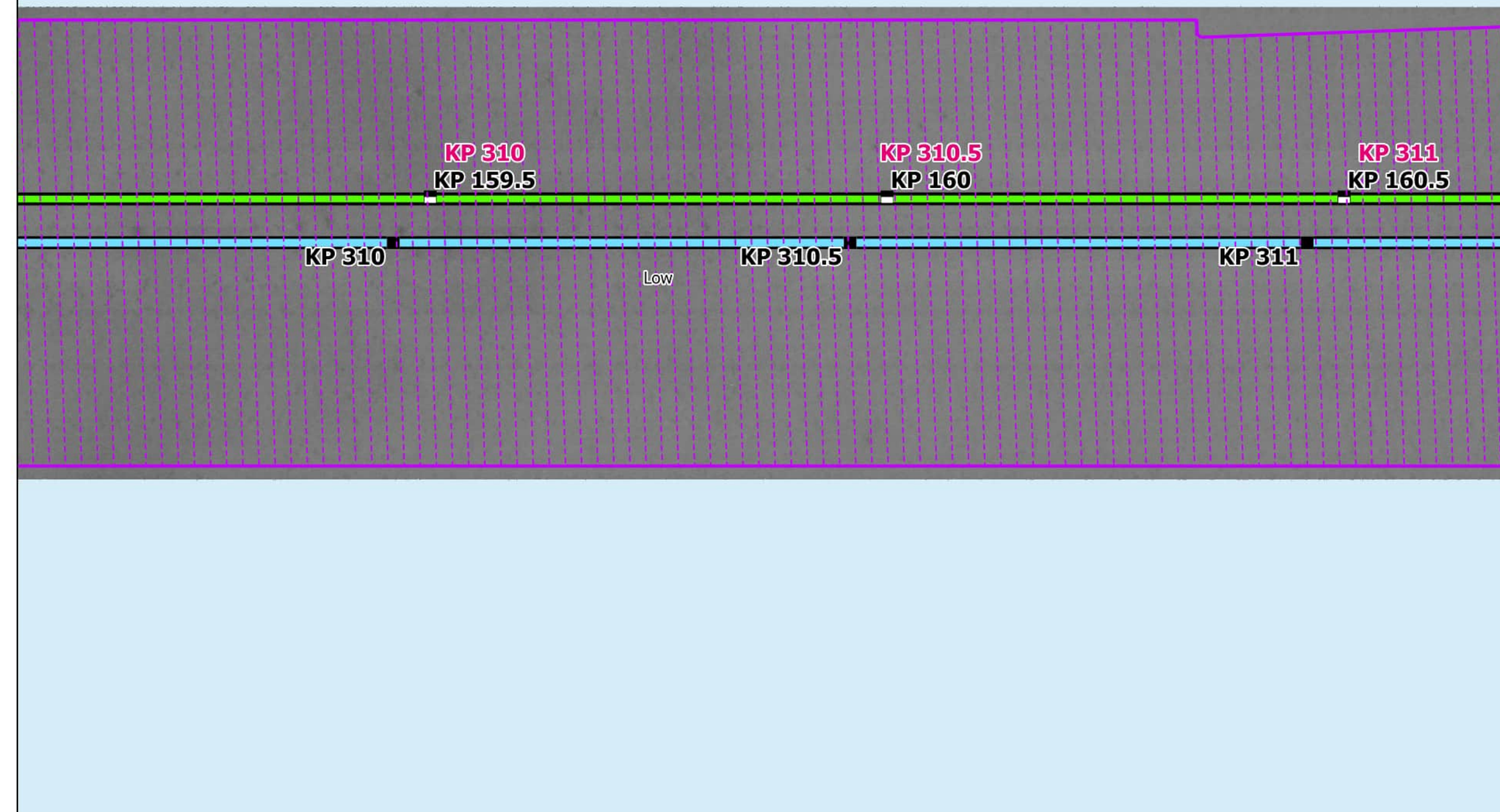
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



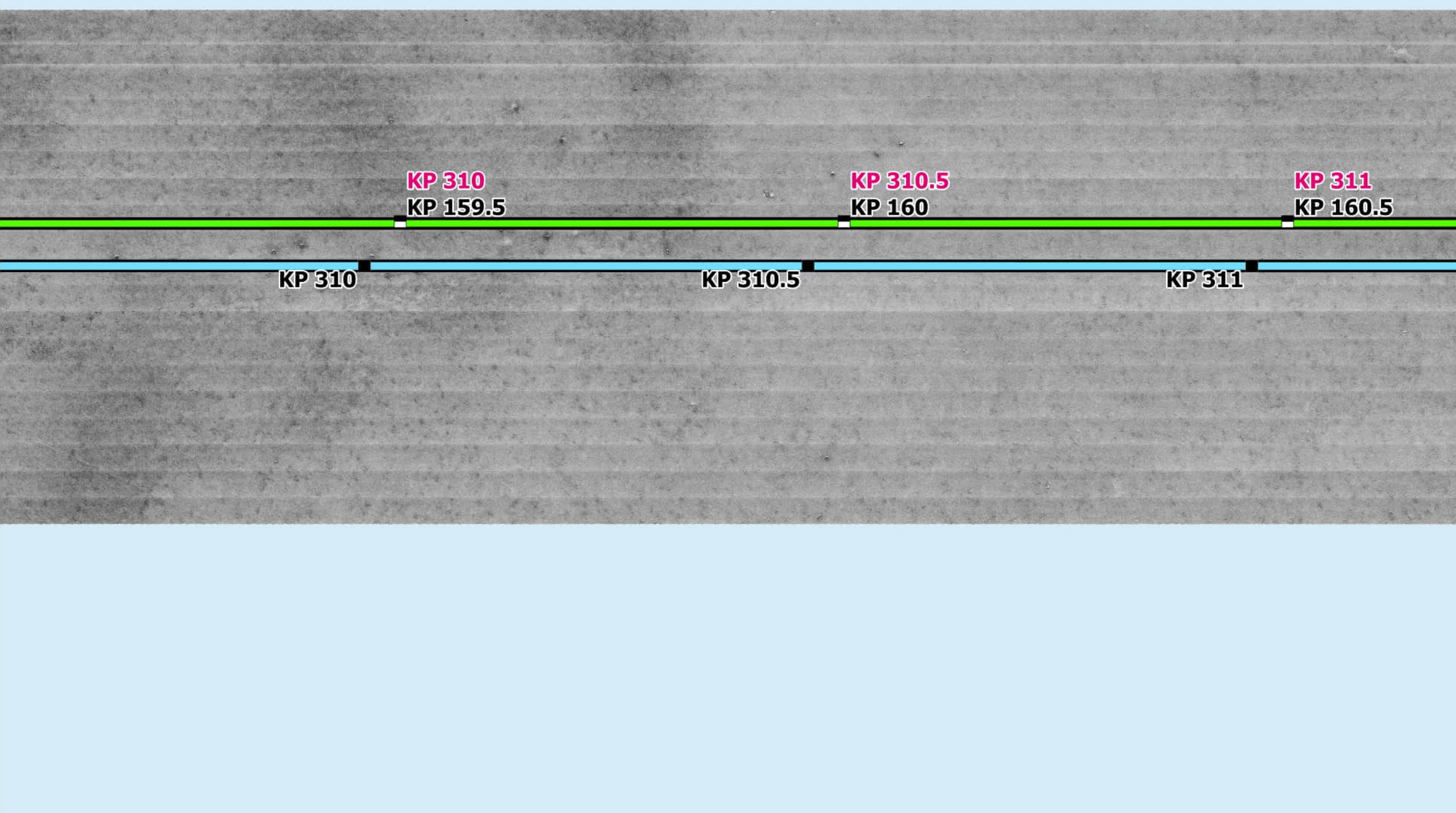
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



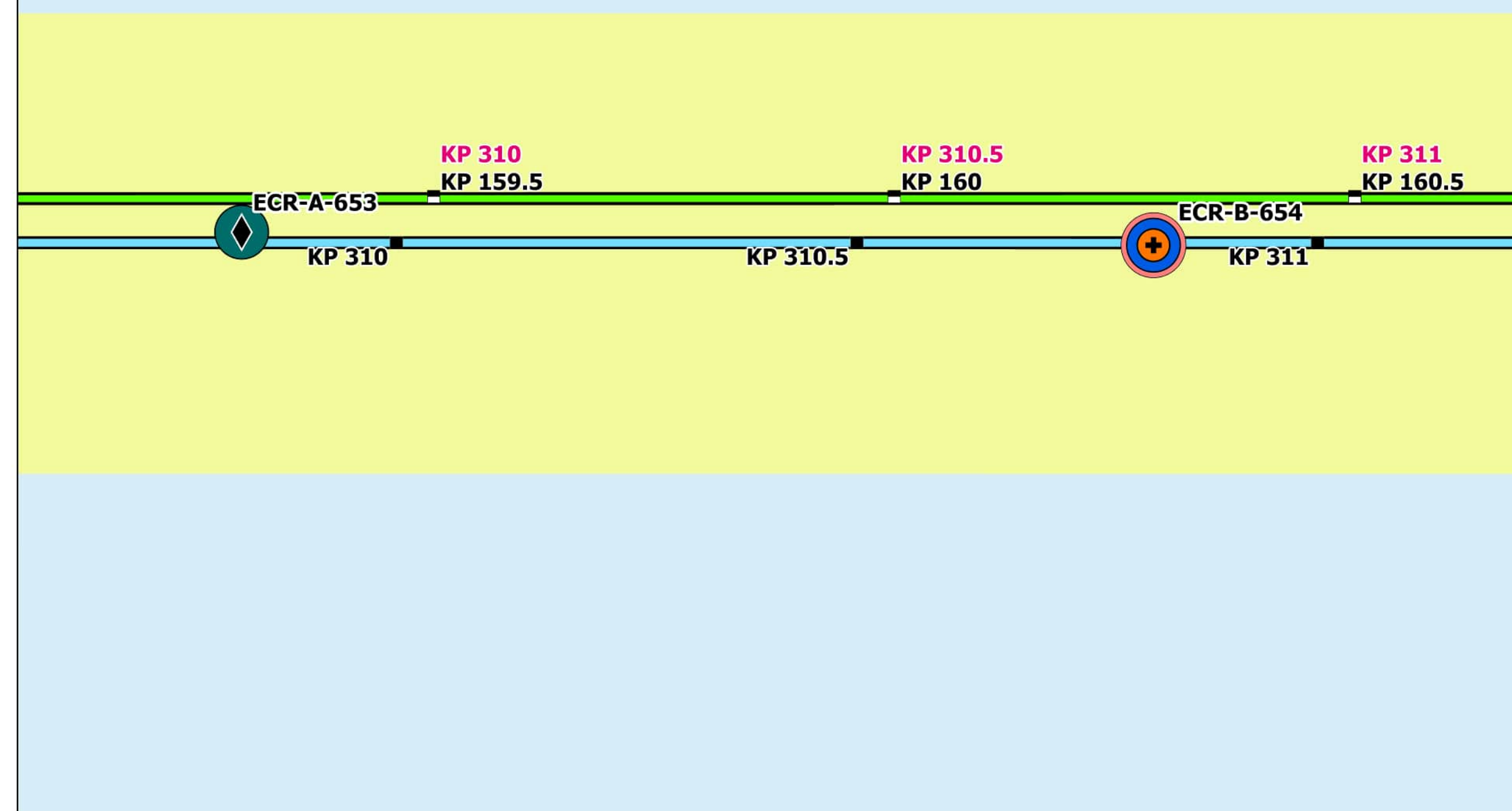
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



Bathymetry (MLLW)



Backscatter

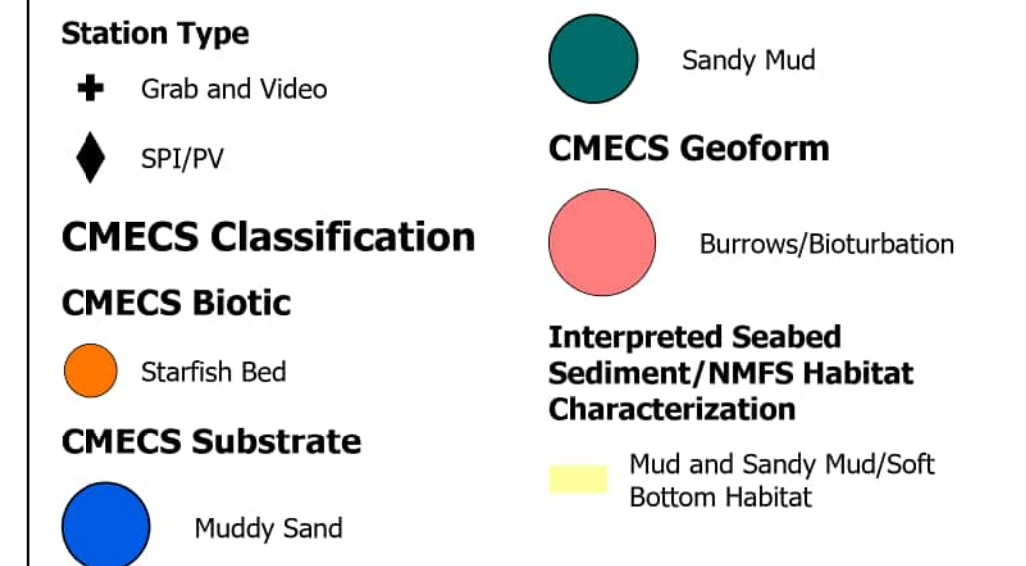
Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

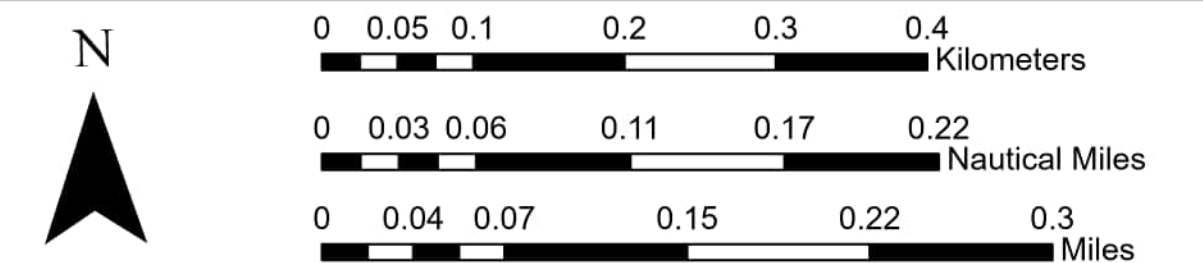
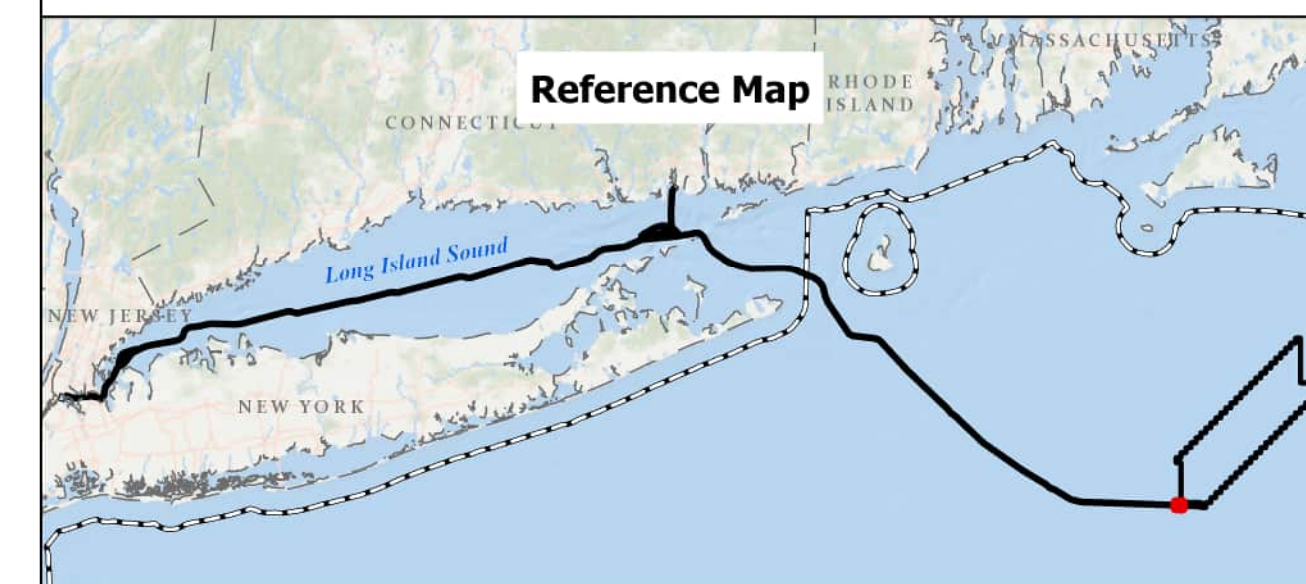


Note:
1) Legend only shows items visible in the current map extent.

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Date: 2/28/2023

Scale: 1:5,000



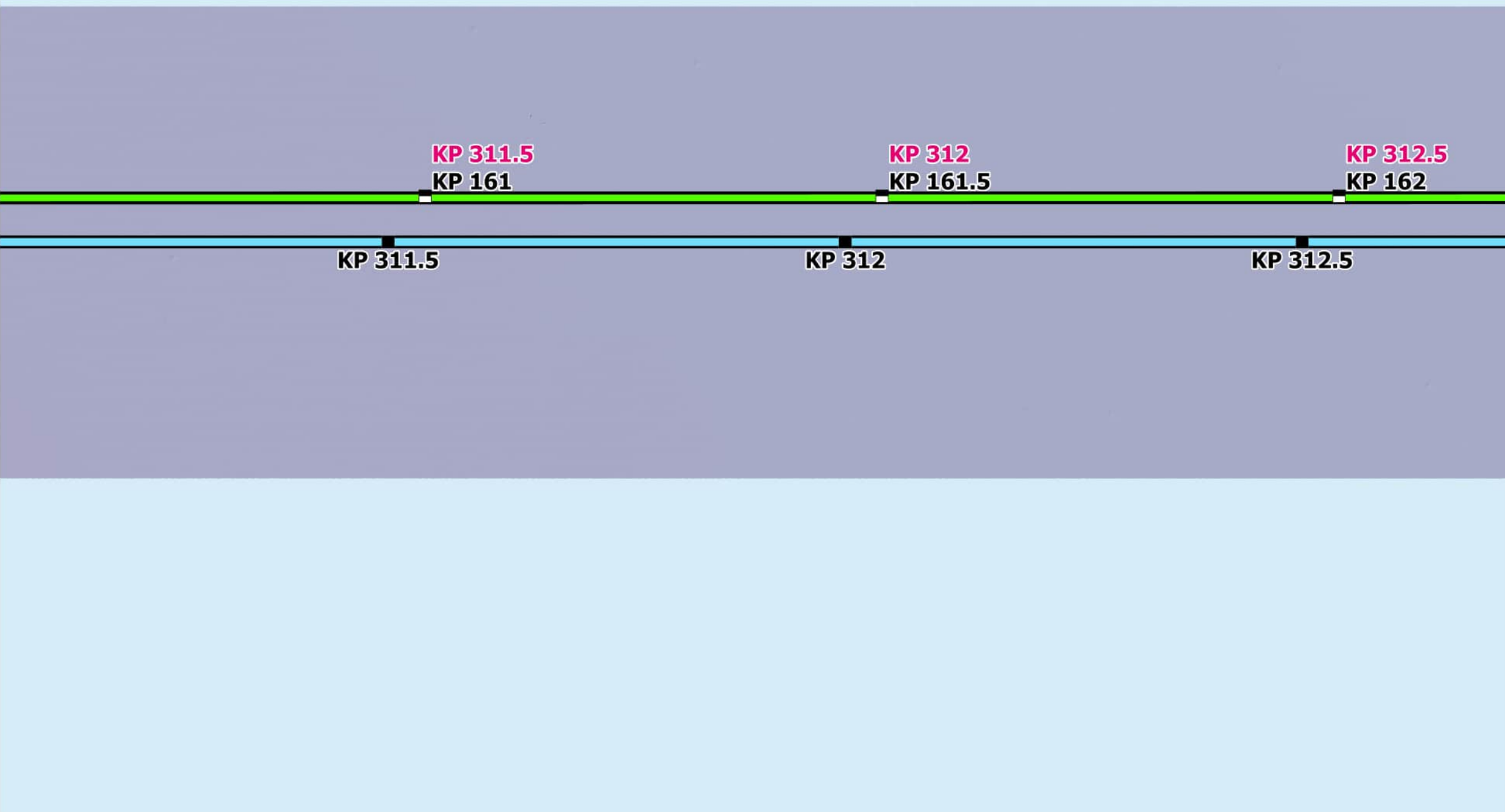
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 227

BW1 (NY) - KP 310 - KP 311
BW2 (NY) - KP 310 - KP 311
BW2 (CT) - KP 159.5 - KP 160.5

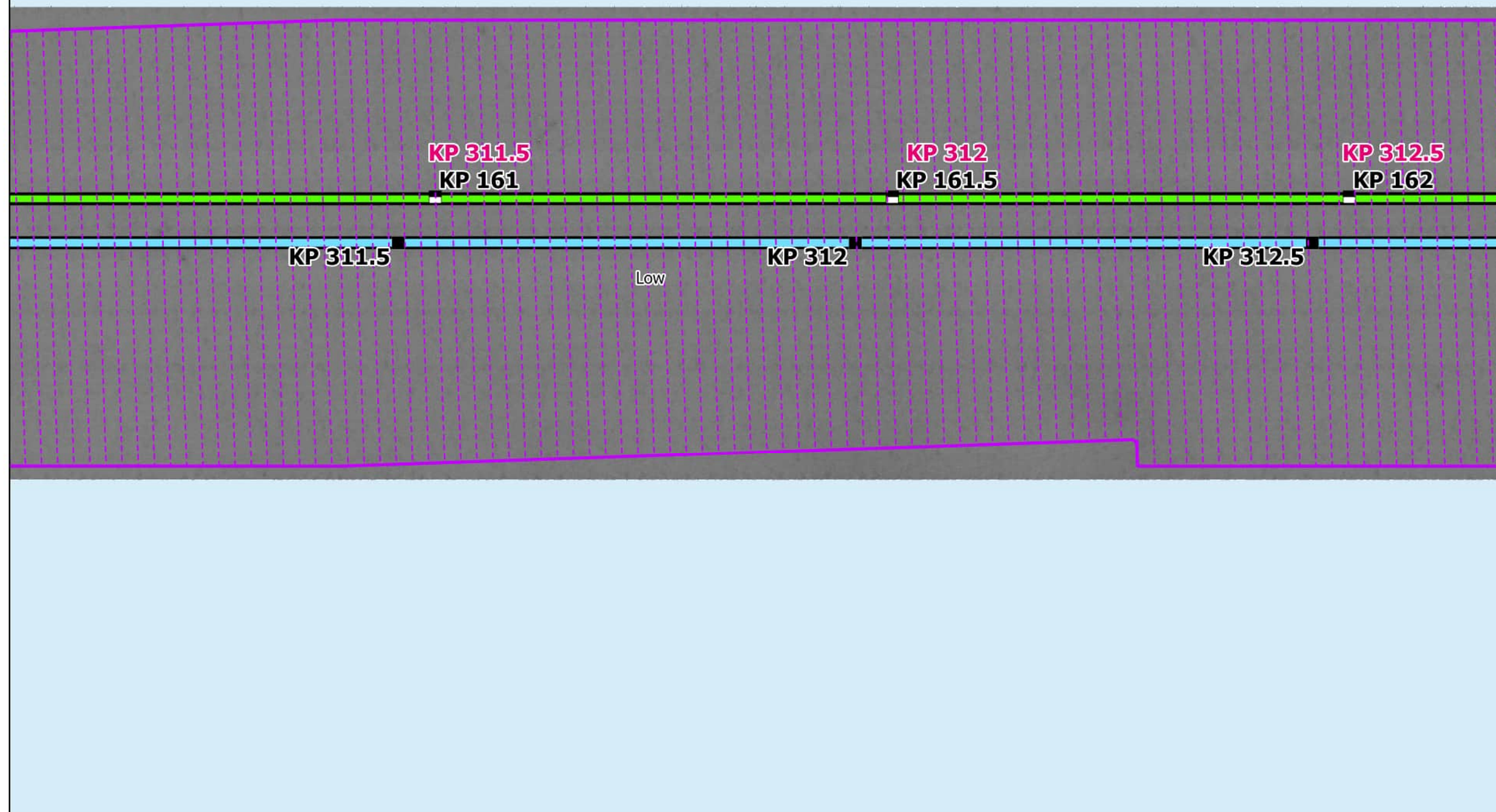
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



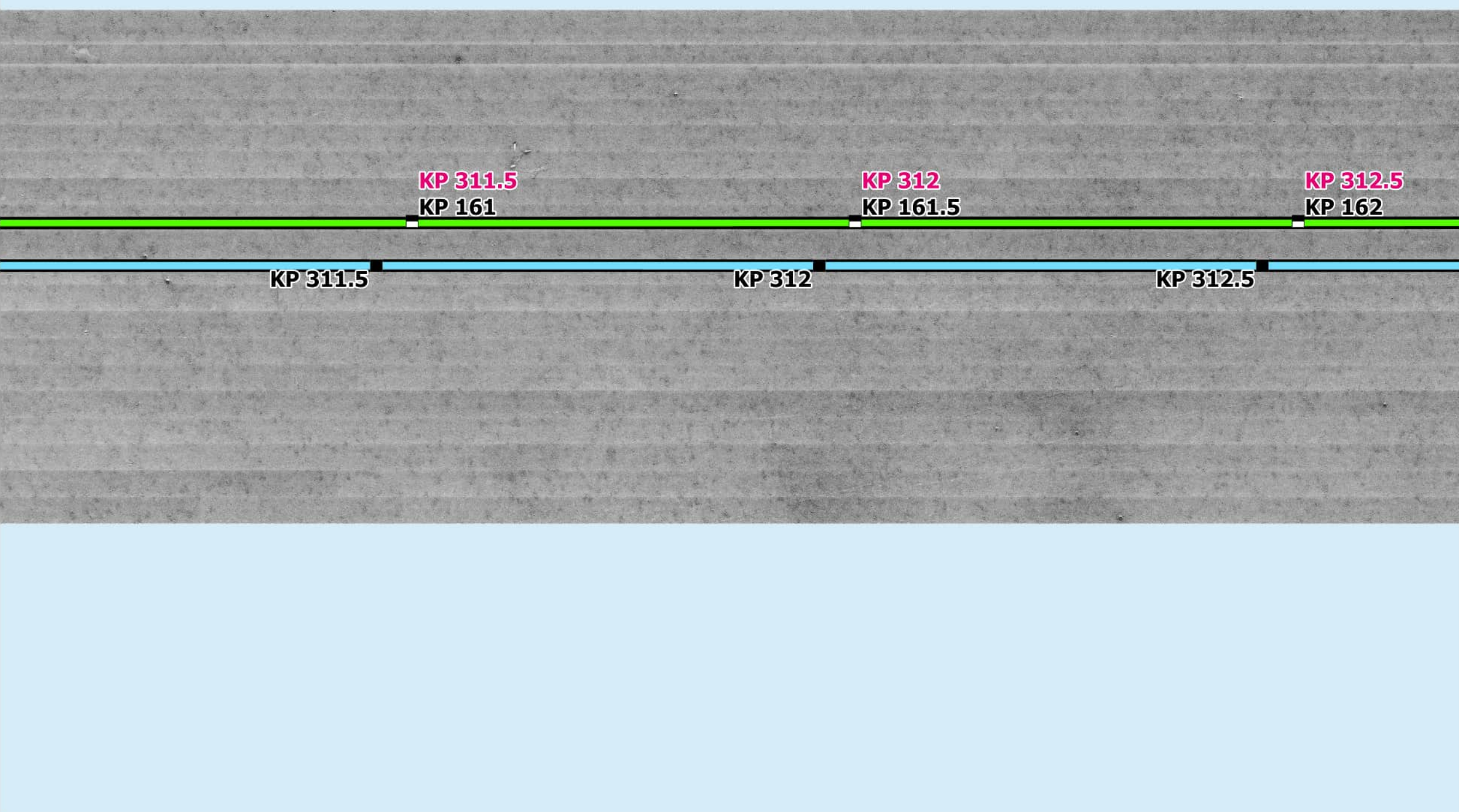
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



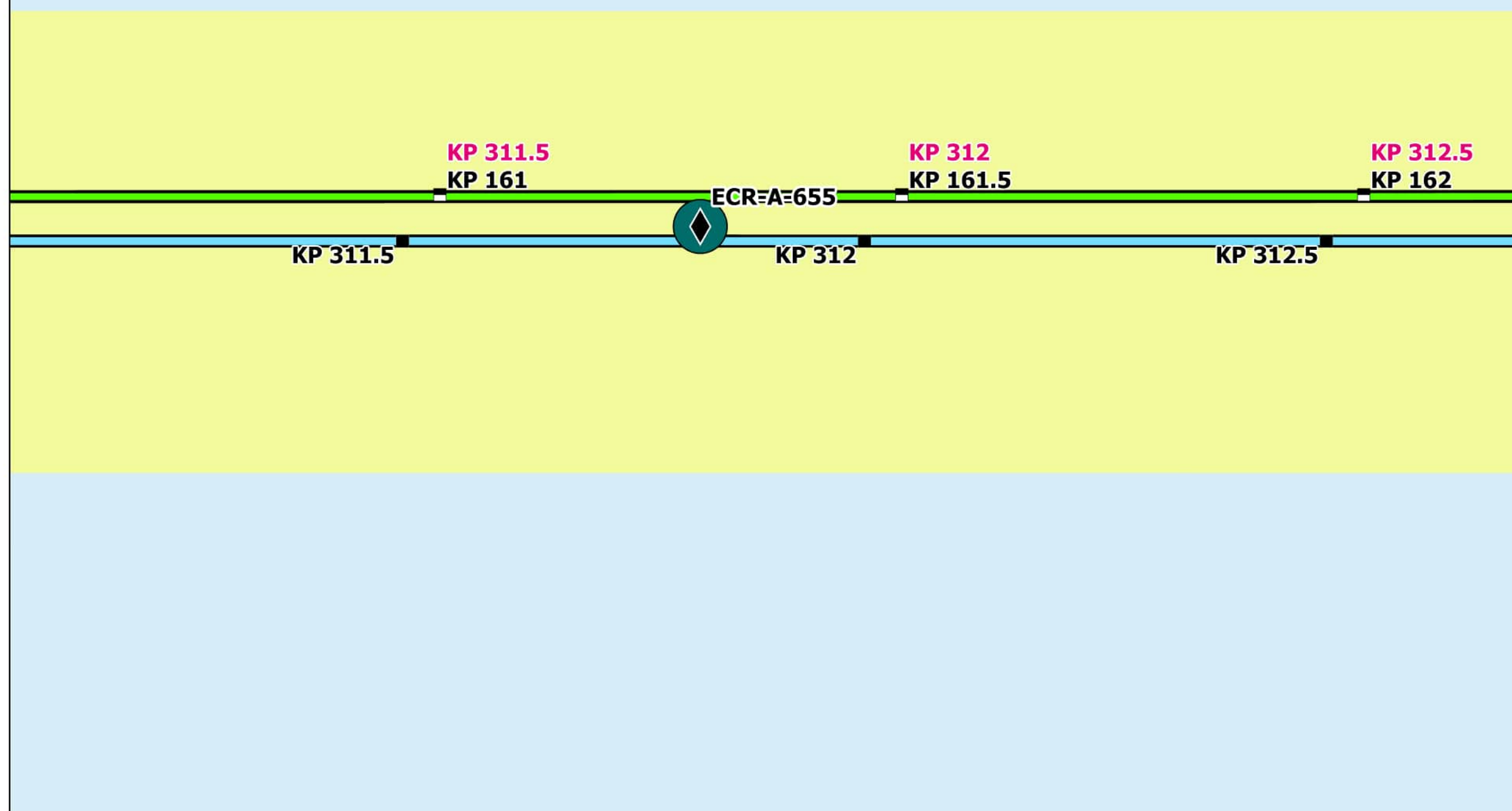
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



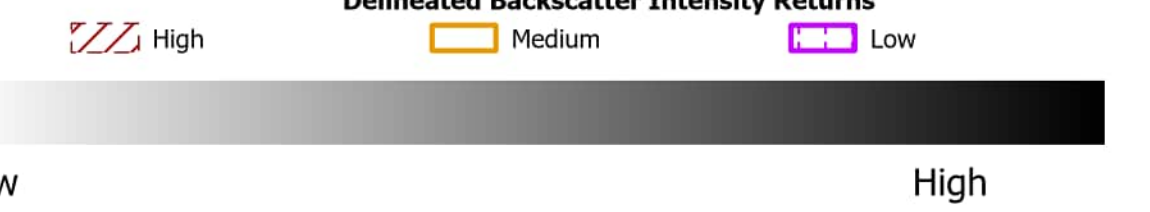
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)
- Lease Area

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

Station Type

◆ SPI/PV

Interpreted Seabed Sediment/ NMFS Habitat Characterization

■ Mud and Sandy Mud/Soft Bottom Habitat

CMECS Substrate

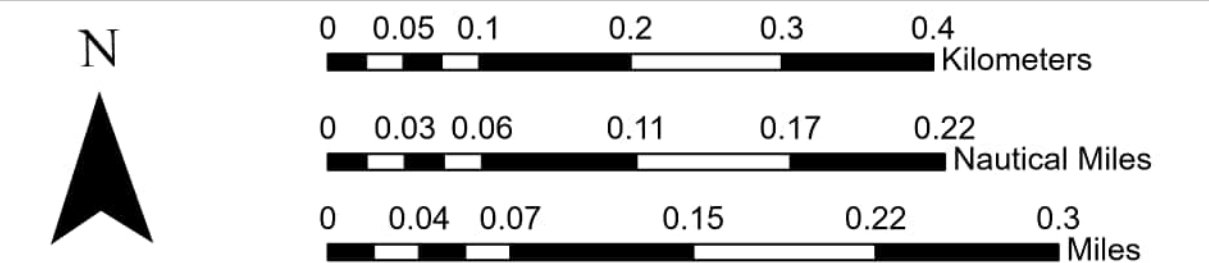
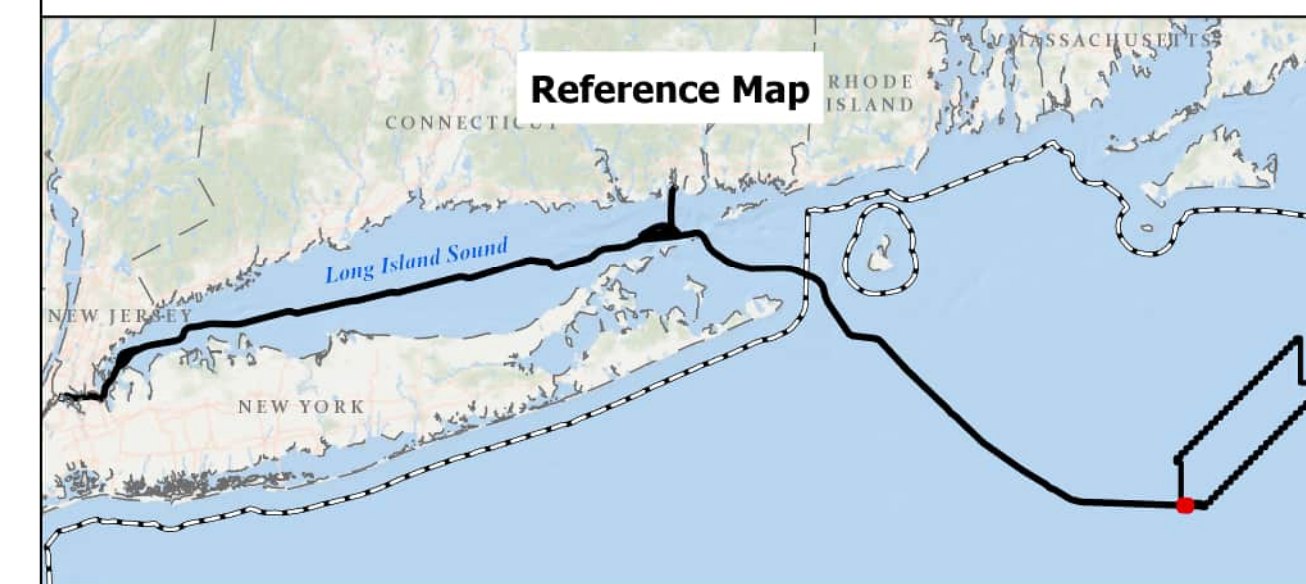
● Sandy Mud

Note:
1) Legend only shows items visible in the current map extent.

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Scale: 1:5,000



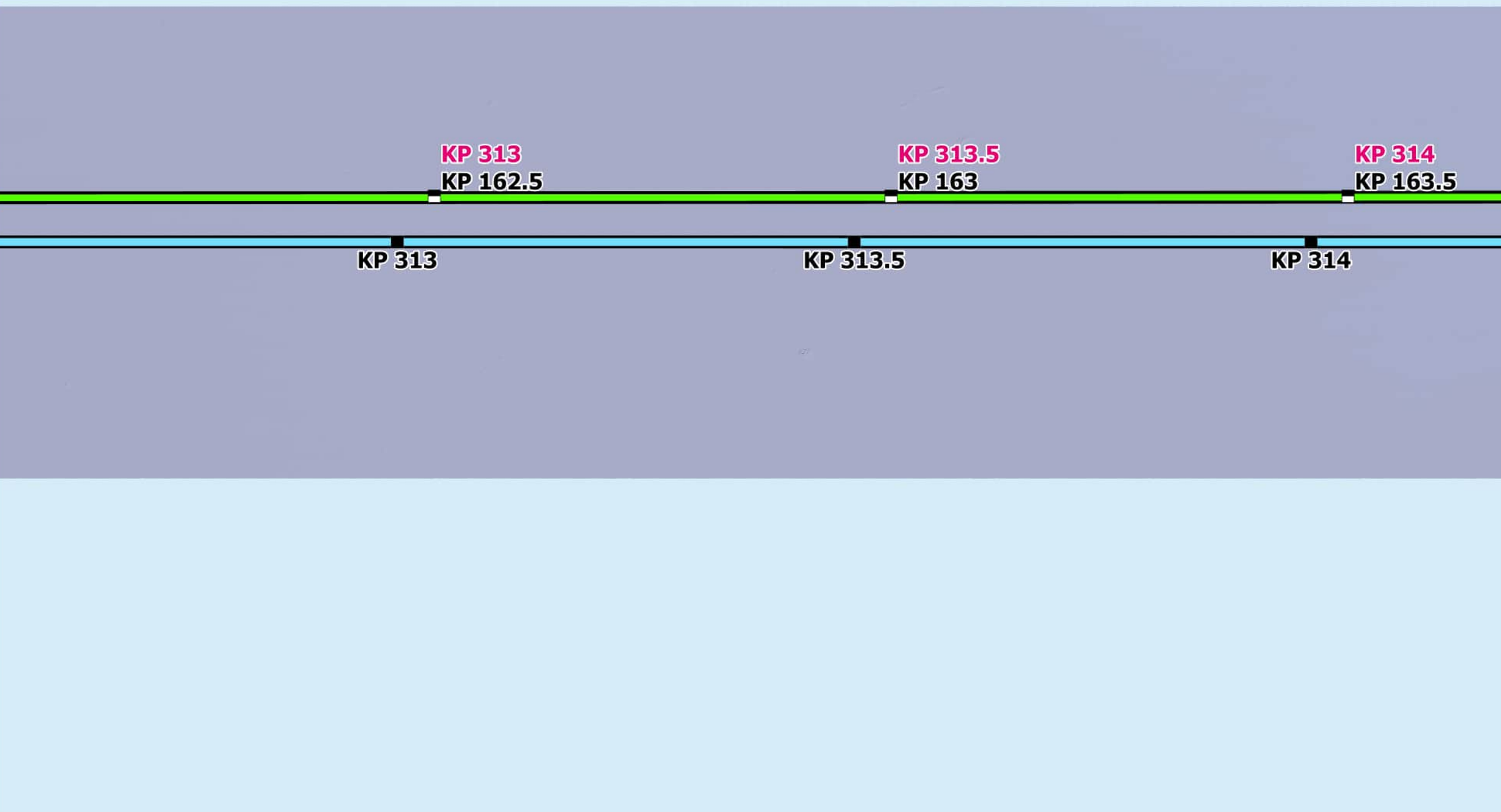
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 228

BW1 (NY) - KP 311.5 - KP 312.5
BW2 (NY) - KP 311.5 - KP 312.5
BW2 (CT) - KP 161 - KP 162

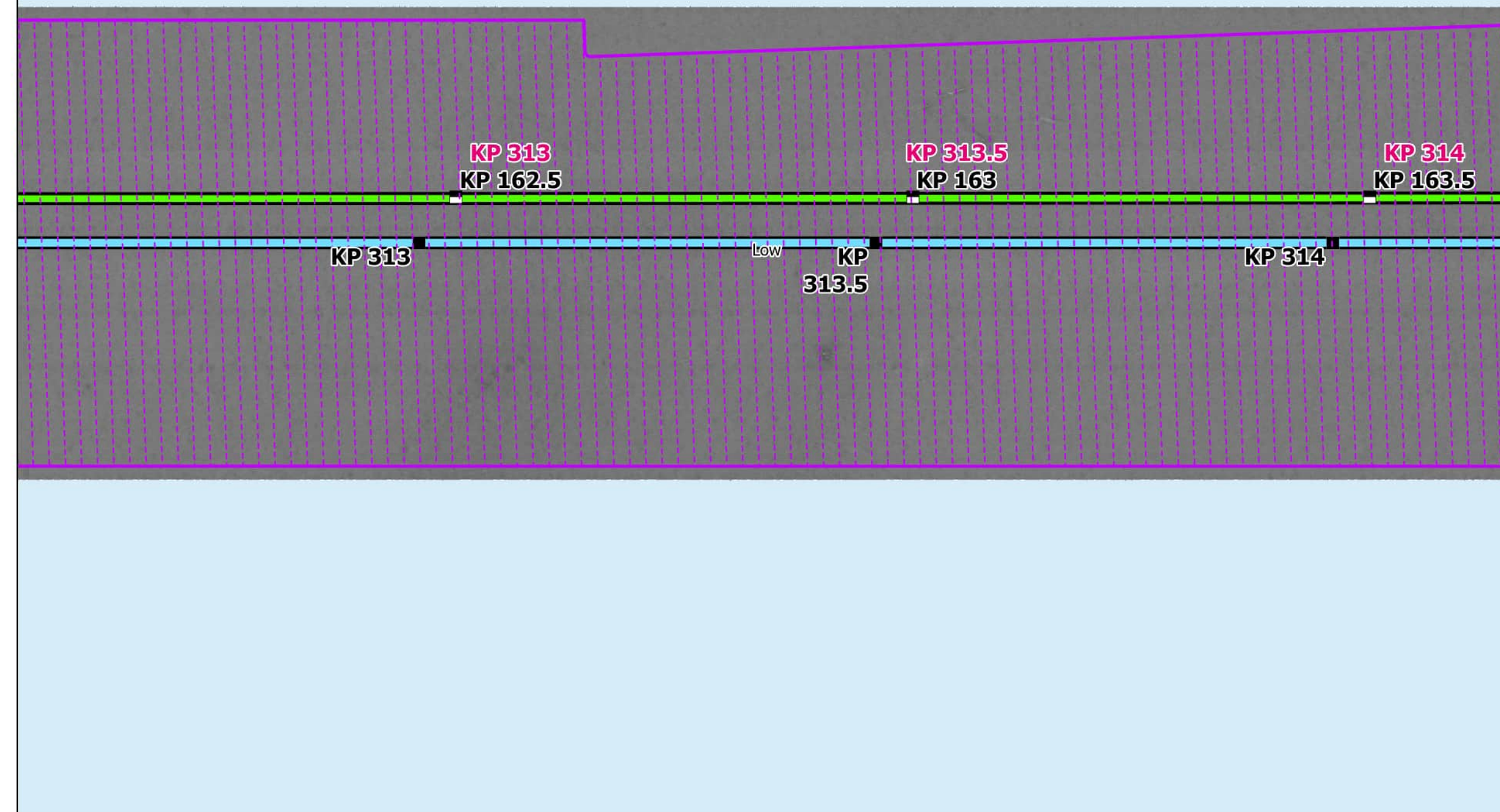
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



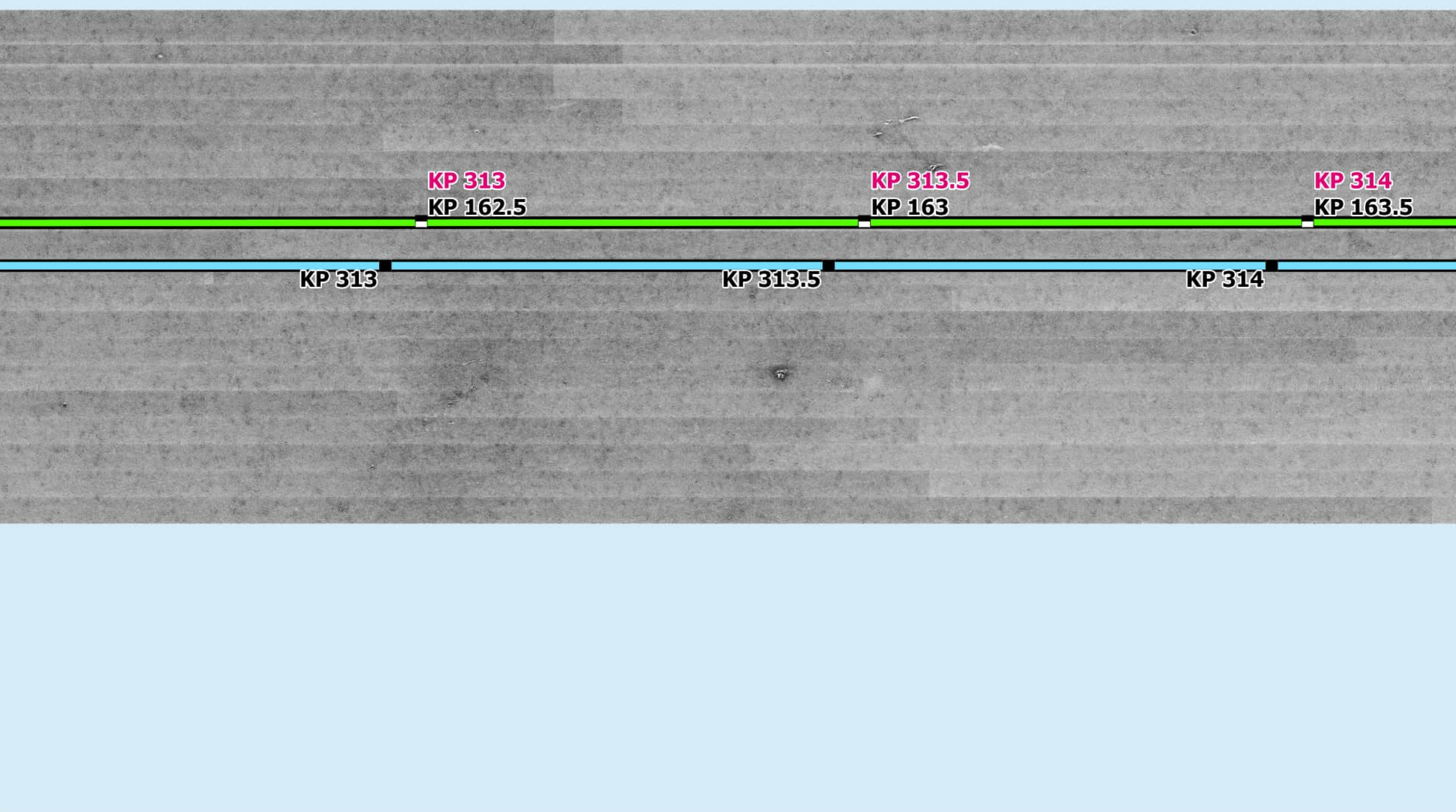
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



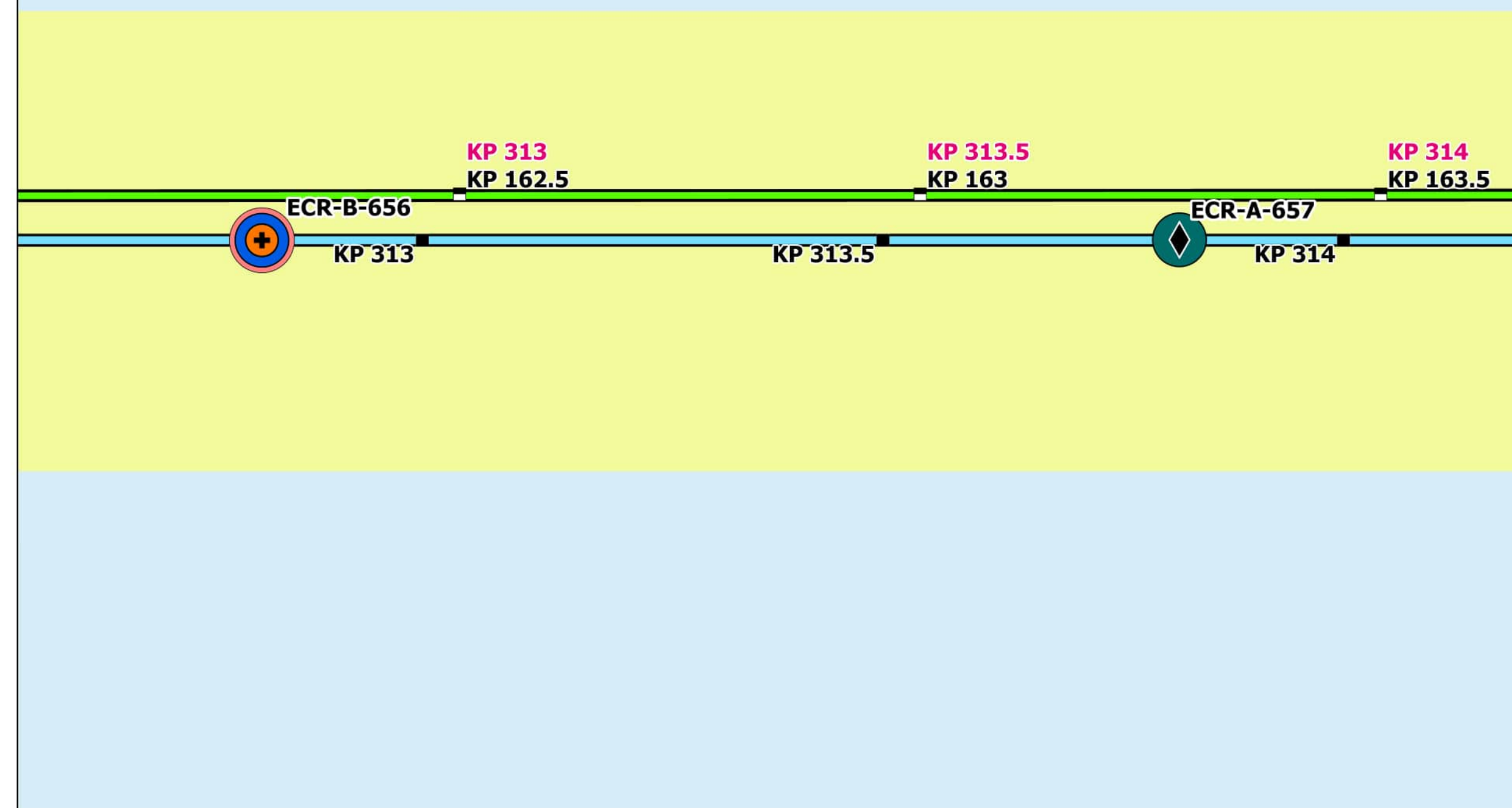
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar



Benthic Features, Interpreted Seabed Sediment/NMFS Habitat Characterizations, and CMECS Classifications

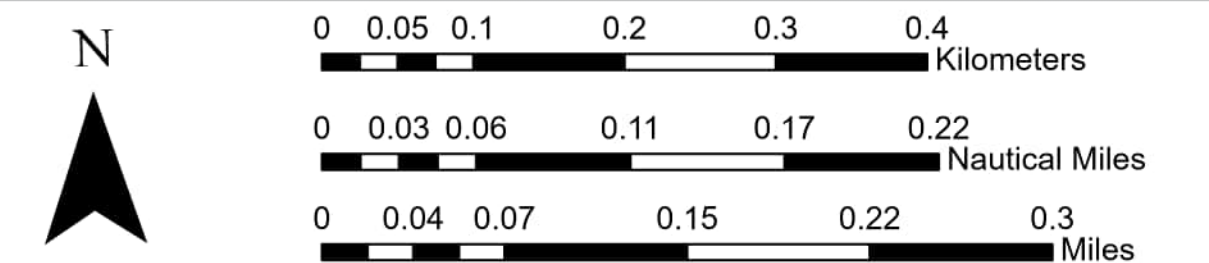
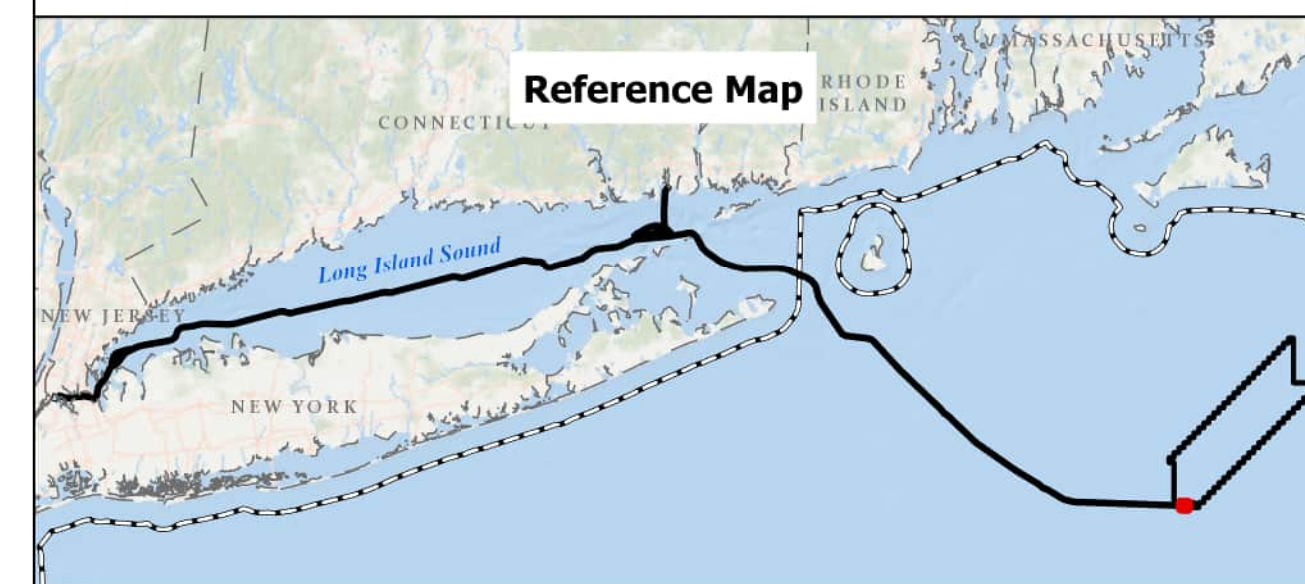
- Station Type
 - ⊕ Grab and Video
 - ◆ SPI/PV
- CMECS Classification
 - Starfish Bed
 - Muddy Sand
- CMECS Biotic
 - Sandy Mud
 - Burrows/Bioturbation
- CMECS Substrate
 - Mud and Sandy Mud/Soft Bottom Habitat
- Interpreted Seabed Sediment/NMFS Habitat Characterization
 - Mud and Sandy Mud/Soft Bottom Habitat

Note:
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Date: 2/28/2023

Scale: 1:5,000



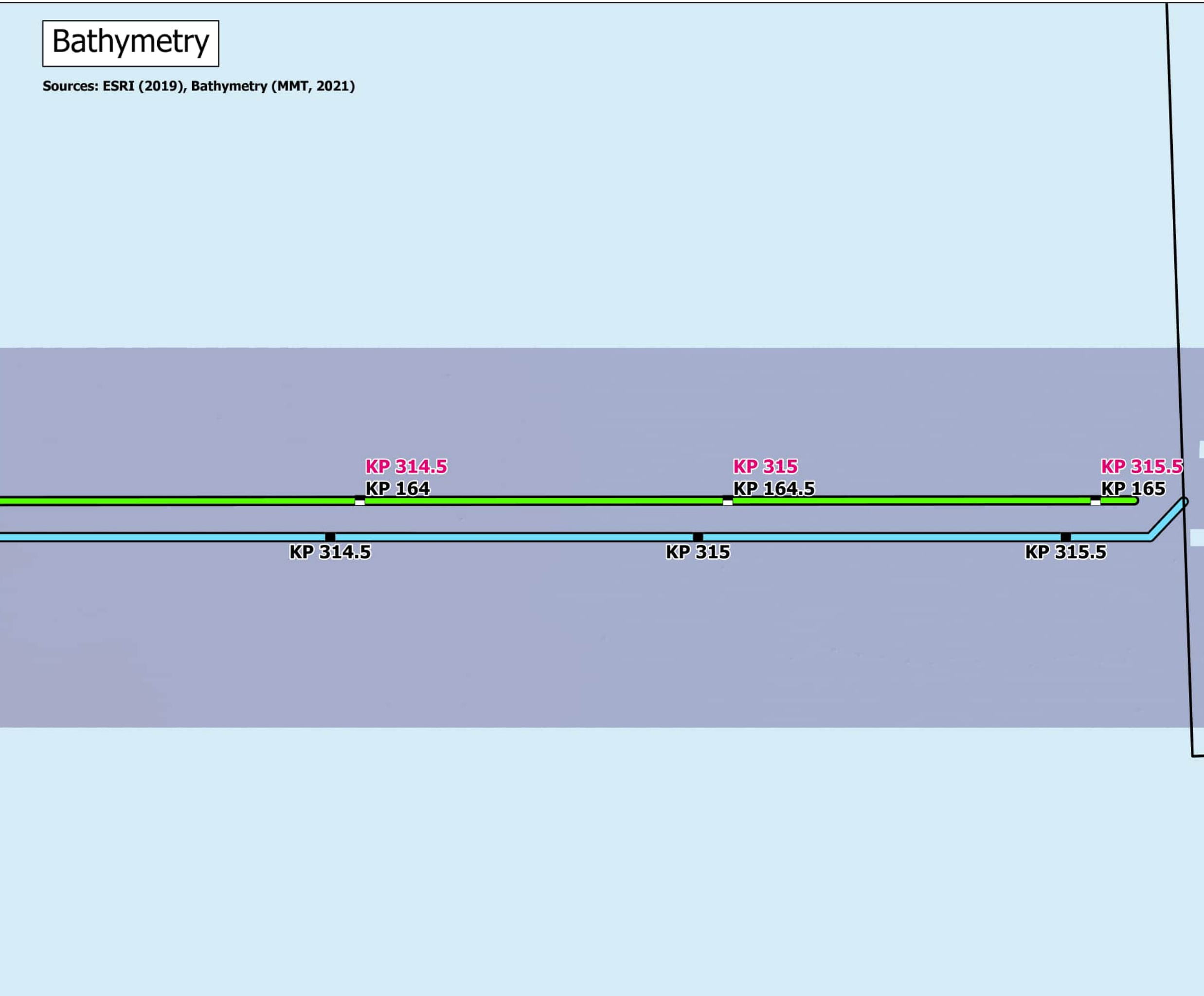
BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export Cable Route in Federal Waters
Tile 229

BW1 (NY) - KP 313 - KP 314
BW2 (NY) - KP 313 - KP 314
BW2 (CT) - KP 162.5 - KP 163.5

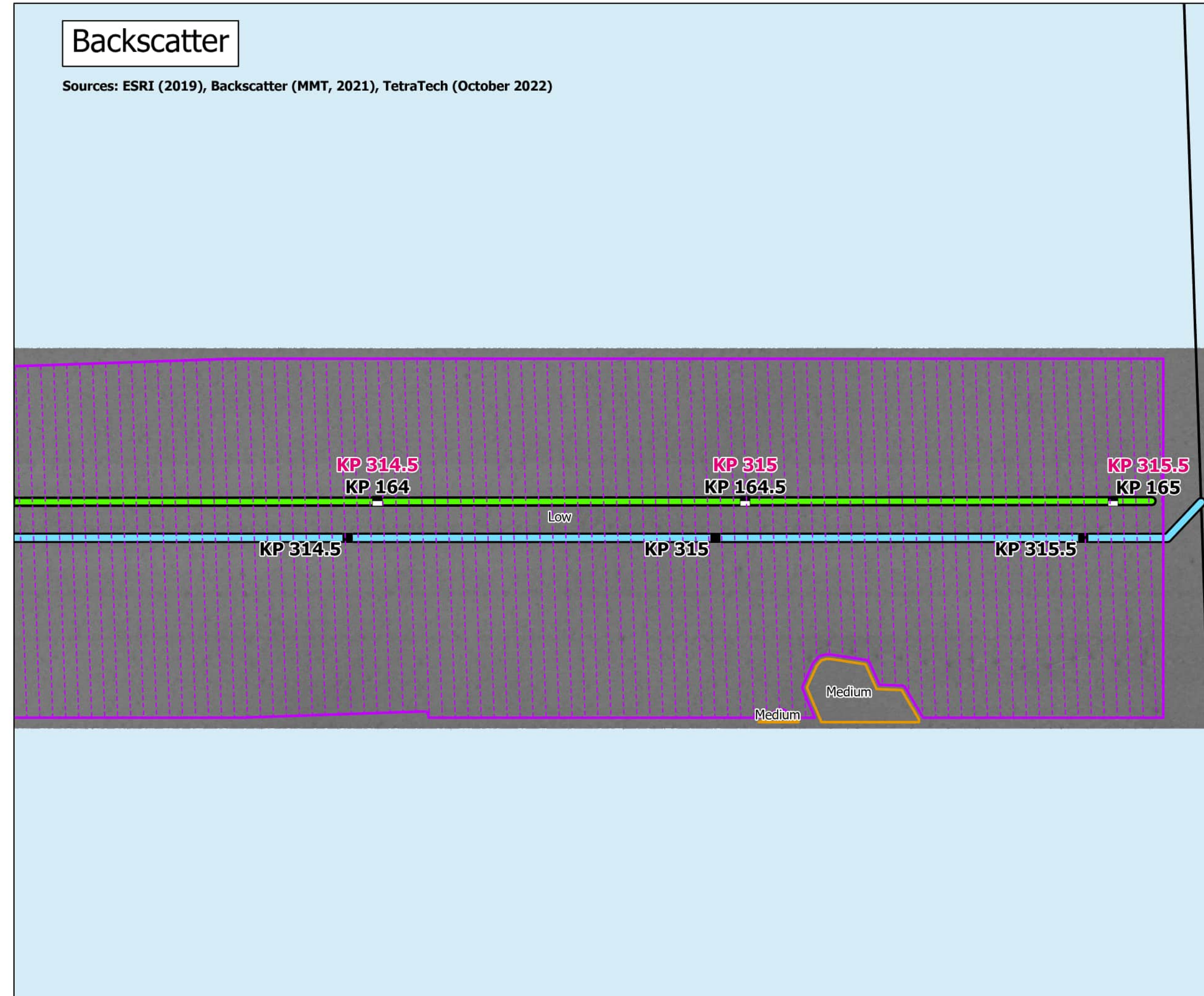
Bathymetry

Sources: ESRI (2019), Bathymetry (MMT, 2021)



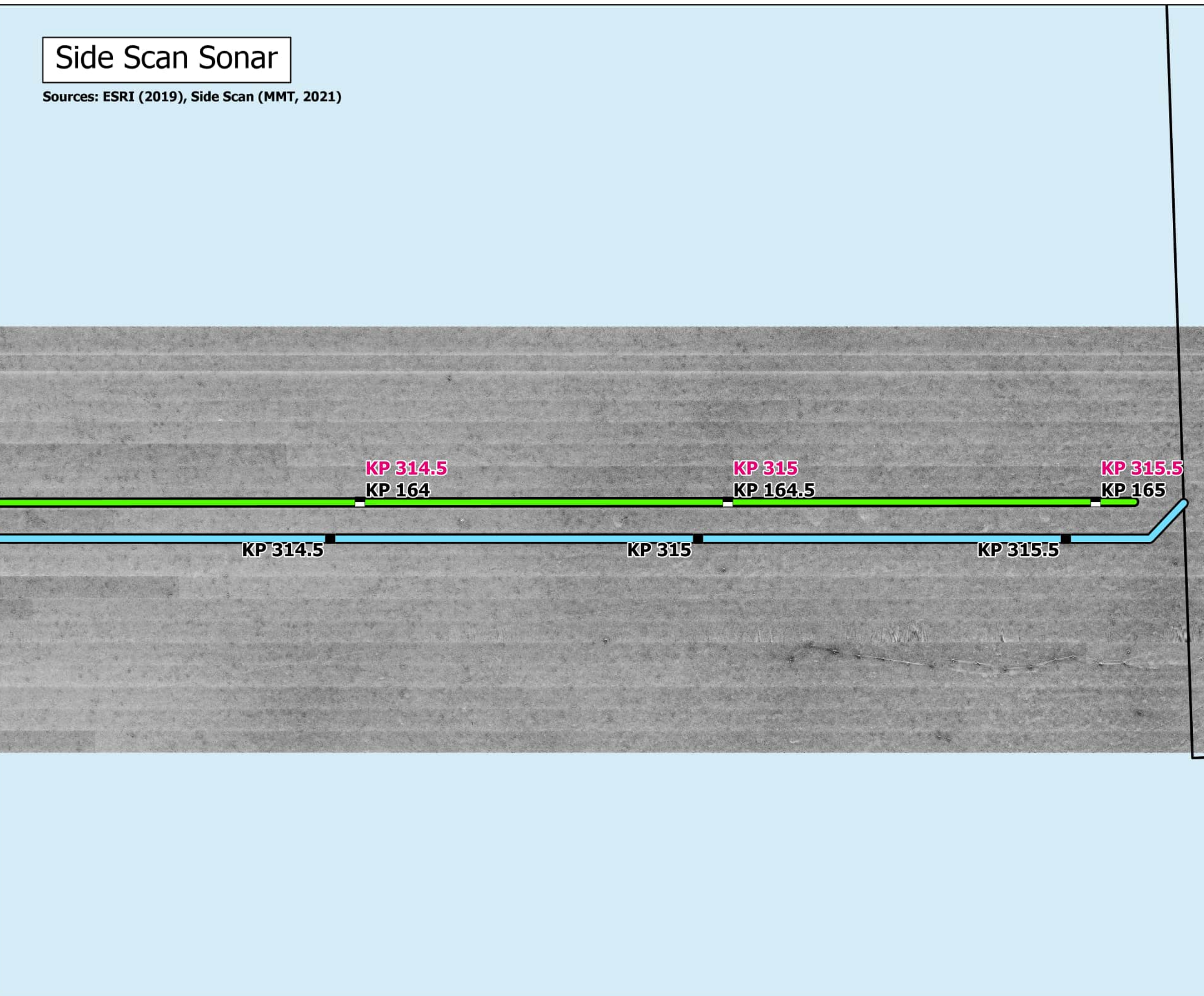
Backscatter

Sources: ESRI (2019), Backscatter (MMT, 2021), TetraTech (October 2022)



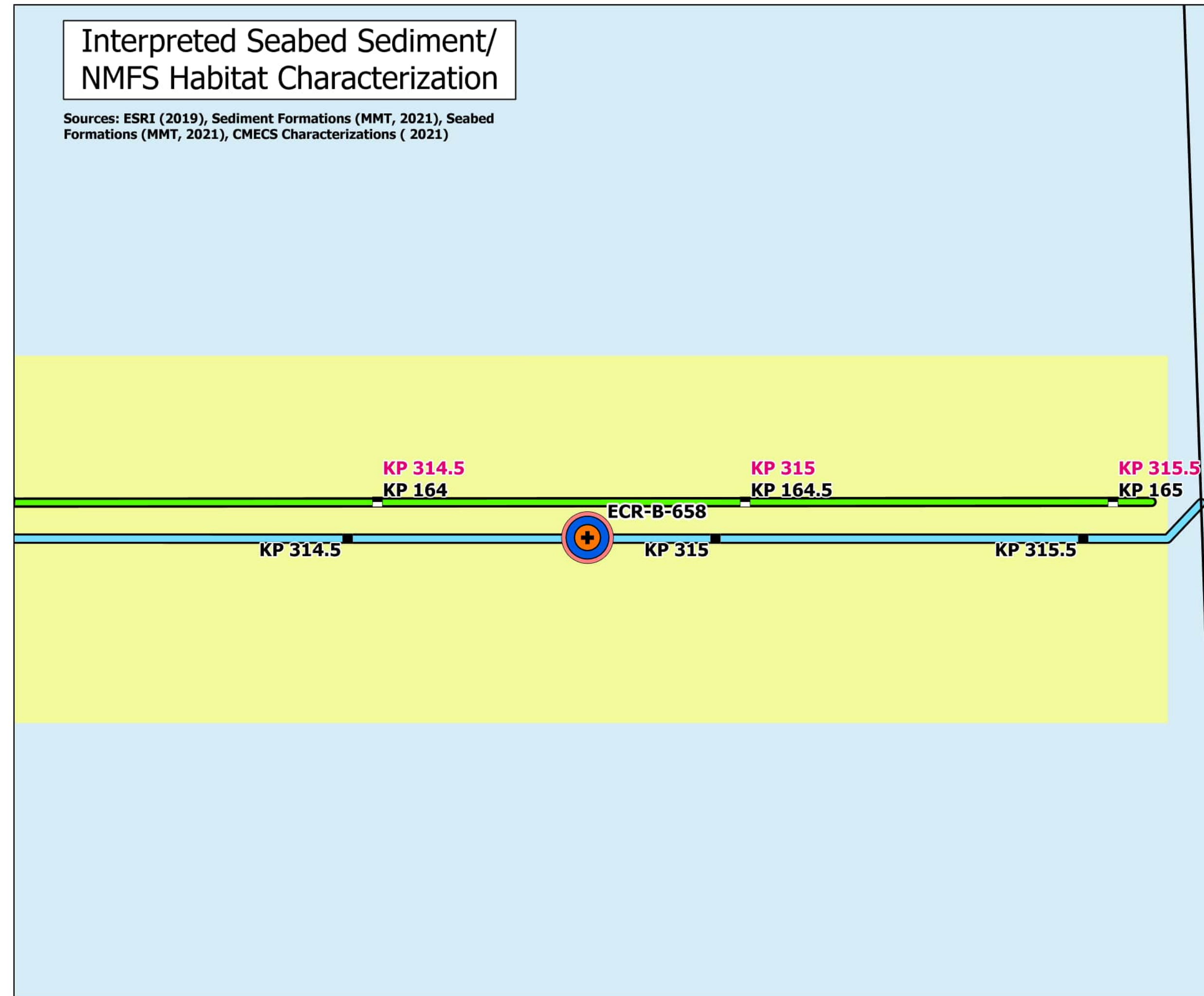
Side Scan Sonar

Sources: ESRI (2019), Side Scan (MMT, 2021)



Interpreted Seabed Sediment/ NMFS Habitat Characterization

Sources: ESRI (2019), Sediment Formations (MMT, 2021), Seabed Formations (MMT, 2021), CMECS Characterizations (2021)



Map Book Package for Submarine Export Cable Route in Federal Waters



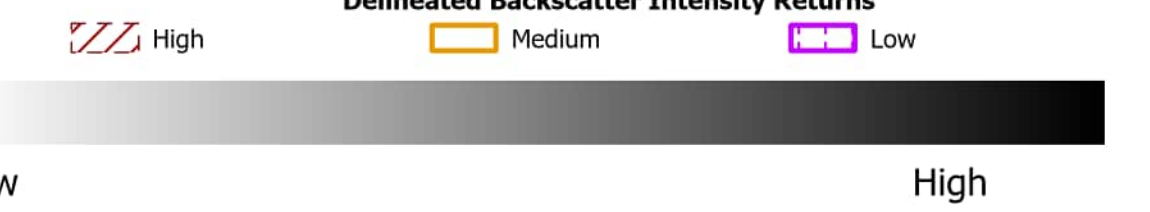
- BW1 KPs
- BW2 CT KPs
- BW2 NY KPs
- BW1 Submarine Export Cable Route (v13)
- BW2 Submarine Export Cable Route (v13)
- Lease Area

Bathymetry (MLLW)



Backscatter

Delineated Backscatter Intensity Returns



Side Scan Sonar

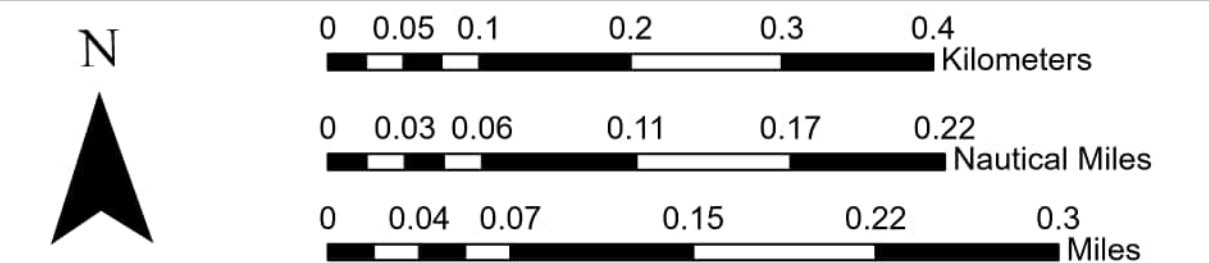
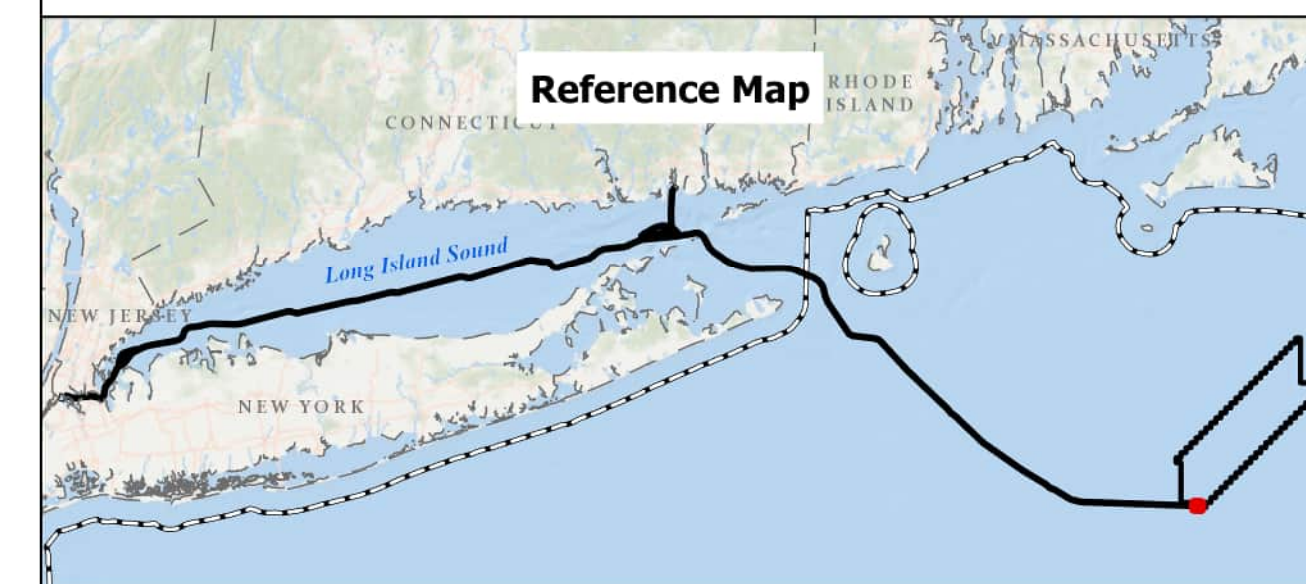


Benthic Features, Interpreted Seabed Sediment/ NMFS Habitat Characterizations, and CMECS Classifications

- Station Type**
 - ⊕ Grab and Video
- CMECS Classification**
 - Starfish Bed
 - Muddy Sand
- CMECS Substrate**
 - Muddy Sand
- CMECS Geoform**
 - Burrows/Bioturbation
- Interpreted Seabed Sediment/NMFS Habitat Characterization**
 - Mud and Sandy Mud/Soft Bottom Habitat

Note:
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BEACON WIND LEASE AREA OCS-A 0520

Map Book Package for Submarine Export
Cable Route in Federal Waters
Tile 230

BW1 (NY) - KP 314.5 - KP 315.5
BW2 (NY) - KP 314.5 - KP 315.5
BW2 (CT) - KP 164 - KP 165



Photo credit: Matt Goldsmith, Equinor