Synopsis of the Little beach Study

Boat-based LiDAR scans of Little Beach performed   9/9/2020 study and 10/19/2022
The Buoy-SOFAR SPOTTER main deployment began 7/5/2023 and lasted three(3)months
SWAN model utilized for wave modeling
Bathymetry model domain DEM Global Mosaic Data used for initial modeling
Bathymetry and topography data were originally generated in 2015 and updated 5/31/2023
Digital side-scan sonar mosaic were collected July 2023
21 surface sediment grabs were performed 12/14/2023
Eelgrass mapping was performed spanning the interval from July 2023 to March 2024.
A task called habitat mapping was performed that spans the same timeframe from July 2023 to March 2024.
This longer timeframe for the habitat mapping is defined by the multi-step process that starts with the sidescan mosiac, which includes the collection of sediment grabs and underwater video data that occurred in December 2023, processes to lab analysis of the grabs and video data in January 2024 and concludes with data analysis and map construction and interpretation in February - March 2024.
The final report occurred between January 2024-January 2025.