

Appendix G: Pioneer MAB Community Outreach Status



Pioneer MAB Community Outreach Status

Control Number: 3210-00005

Version: 0-02

Date: 2023-05-30

Author: Derek Buffitt, Al Plueddemann

**Coastal and Global Scale Nodes
Ocean Observatories Initiative**
Woods Hole Oceanographic Institution



Revision History

Version	Description	ECR No.	Release Date
0-01	Initial Draft		29-Mar-2023
0-02	Updates to Sec. 4 table		30-May-2023

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2.0 Purpose

The purpose of this document is to provide an ongoing status of community outreach for the Pioneer Mid-Atlantic Bight (MAB) Relocation.

3.0 Definitions & Acronyms

AGU	American Geophysical Union
CFRF	Commercial Fisheries Research Foundation
CGSN	Coastal & Global Scale Nodes
CNO	Chief of Naval Operations
COMSUBLANT	Commander, Submarine Force Atlantic
ECU	East Carolina University
MFN	Multi-Function Node
MAB	Mid-Atlantic Bight
MABPOM	Middle Atlantic Bight Physical Oceanography and Meteorology Meeting
MAFMC	Mid-Atlantic Fishery Management Council
MARACOOS	Middle Atlantic Regional Association Coastal Ocean Observing System
MTS	Marine Technology Society
NCDCM	North Carolina Division of Coastal Management
NCSU	North Carolina State University
NDBC	National Data Buoy Center
NERACOOS	Northeastern Regional Association Coastal Ocean Observing System
NES	New England Shelf
NETC	Naval Education and Training Command
NOAA	National Oceanic & Atmospheric Administration
NSFCO	Naval Seafloor Cable Protection Office
NSFEXWC	NAVFAC Engineering & Expeditionary Warfare Center
NSIF	Near Surface Instrument Frame
NWP	Nationwide Permit
OOI	Ocean Observatories Initiative
OOIFB	Ocean Observatories Initiative Facilities Board
PM	Profiler Mooring
SECOORA	Southeast Coastal Ocean Observing Regional Association
SM	Surface Mooring
SWM	Shallow Water Mooring
UNC	University of North Carolina
USACE	US Army Corps of Engineers
USFFC	US Fleet Forces Command

4.0 Overview

4.1. Site Summary

The Pioneer MAB Array is proposed to be relocated in the spring of 2024 to the coast of Nags Head in North Carolina. The preliminary plan is for the moored array to be constituted in a sideways “T” shape, with seven mooring sites between about 13 nautical miles (nm) and 45 nm offshore, outside of state waters. The Pioneer MAB Array will consist of:

- Three surface moorings located in 30 m and 100 m water depths
- Five profiler moorings located in 100 m and 600 m water depths
- Two shallow-water moorings located in 30 m water depths

5.0 Science Community Outreach

Date	Outreach	Topic	OOI-CGSN Participant
20-Feb-2020	Public Announcement	NSF announces intent to relocate at Ocean Sciences Meeting Town Hall	
8-Dec-2020	Presentation at Fall American Geophysical Union meeting	Pioneer Relocation Update*	Plueddemann
15-19-Mar-2021	NSF sponsored Innovations Lab #1	Pioneer ReLocation, community discussion and input	Plueddemann, Buffitt
5-Mar-2021	Commercial Fisheries Research Foundation (CFRF), New England Fishers	Pioneer Relocation Update	Plueddemann
21-25-Jun-2021	NSF sponsored Innovations Lab #2	Pioneer ReLocation, community discussion and input	Plueddemann, Buffitt
13-Dec-2021	Presentation at Fall American Geophysical Union meeting	Pioneer Relocation Update	Plueddemann
21-Jul-2021	Presentation to MARACOOS board	Pioneer Relocation Update	Trowbridge
15-Oct-2021	Email OOIFB	CGSN establishes Pioneer Relocation Focus Group	OOIFB and Plueddemann
18-Feb-2022	Public Announcement	CGSN establishes Pioneer Relocation web pages on oceanobservatories.org	
24-Feb-2022	OOIFB	Pioneer Relocation Update	Plueddemann
25-Feb-2022	Ocean Sciences Meeting	Pioneer Relocation Update	Plueddemann
31-Mar-2022	OOIFB	Pioneer Relocation Update	Plueddemann
16-18-Jun-2022	Biogeochemical Sensor Workshop	Pioneer Relocation Update	Plueddemann
20-Sep-2022	MTS Buoy Workshop	Pioneer Relocation Update	Plueddemann
13-Oct-2022	MABPOM Meeting	Pioneer Relocation Update	Plueddemann
27-Oct-2022	OOIFB	Pioneer Relocation Update	Plueddemann

Date	Outreach	Topic	OOI-CGSN Participant
15-Nov-2022	Email Notification	CGSN notifies National Data Buoy Center (NDBC) of the Pioneer Array Relocation	Reed
12-Dec-2022	Presentation at Fall American Geophysical Union meeting	Pioneer Relocation Update	Plueddemann
20-Jan-2023	Presentation at OCB BGC Network workshop	Pioneer NES & MAB Status and Overview	Plueddemann
23-Jan-2023	Email Exchange	Pioneer Relocation overview and outreach coordination with Directors of NERACOOS, MARACOOS and SECOORA	Plueddemann
21-Feb-2023	Press Release	Pioneer Relocation press release, picked up by eight different media outlets	Plueddemann, Trew Crist
30-Mar-2023	OOIFB	Pioneer Relocation Update	Plueddemann
9-Mar-2023	Article	Pioneer Relocation article appears in WHOI's Oceanus Magazine	Plueddemann
7-Mar-2023	Phone Call with: Francis "Dewey" Hemilright MAFMC	Discussed longlining in the area of proposed Pioneer MAB location, indicated deepest moorings (600m) may conflict with fishing activities	Plueddemann
29-Mar-2023	Email Exchange Francis "Dewey" Hemilright, MAFMC Mike Muglia, ECU George Bonner, NCSU Lindsay Dubbs, UNC	Continued discussion concerning fishing activity in area of proposed Pioneer MAB	Plueddemann
18-Apr-2023	Presentation at North Carolina State University	Pioneer Relocation Update with telepresence to UNC Chapel Hill and Duke	Plueddemann
19-Apr-2023	Presentation at Cape Fear Community College	Pioneer Relocation Update with telepresence to UNC Wilmington	Plueddemann
20-Apr-2023	Presentation at Eastern Carolina University Coastal Studies Institute	Pioneer Relocation Update with live stream to public as part of ECU-CSI Science on the Sound series	Plueddemann
21-Apr-2023	Presentation at University of North Carolina Institute of Marine Sciences	Pioneer Relocation Update with telepresence at NCSU Center for Marine Science and Technology and Duke University Marine Lab	Plueddemann

6.0 Relocation Planning/Regulatory Outreach

Date	Outreach	Topic	OOI-CGSN Participant
08-Mar-2022	Phone call Daniel Govoni <ul style="list-style-type: none"> NCDCCM 	Introduction of Pioneer MAB array and location, discussed need for a one page introduction to project for distribution	TetraTech – Mike Murphy
15-Mar-2022	Phone call Benjamin Laws <ul style="list-style-type: none"> NOAA 	Introduction of Pioneer MAB array and location, discussed whether Incidental Harassment Authorization required (not required)	TetraTech – Katherine Miller
17-Mar-2022	Phone call Bill Standridge <ul style="list-style-type: none"> USACE 	Introduction of Pioneer MAB array and location, project qualifies for Nationwide Permit #5 as long as it follows General Conditions, and no PCN required.	TetraTech – Katherine Miller
21-Mar-2022	Email Exchange Daniel Govoni NCDCCM	Introduction memo delivered, one page description of Pioneer Array	TetraTech – Mike Murphy/Jennifer Kraus
07-Apr-2022	Email Exchange Daniel Govoni <ul style="list-style-type: none"> NCDCCM 	Memo delivered to support federal consistency determination, one page description of Pioneer Array	TetraTech – Mike Murphy/Jennifer Kraus
10-June-2022	Phone Call Daniel Govoni <ul style="list-style-type: none"> NCDCCM 	Confirmed receipt of memo, requested coordinates for moorings (delivered June 15), noted review would be complete by mid-June	TetraTech – Mike Murphy
24-June-2022	Email Exchange Daniel Govoni <ul style="list-style-type: none"> NCDCCM 	Confirmed completion of review, no major issues, recommended review of two deepest offshore sites (600m profiler moorings), they are located in longlining areas	TetraTech – Mike Murphy
23-Aug-2022	Email Exchange Michael McGinn <ul style="list-style-type: none"> US Navy COMSUBLANT Beth Levy <ul style="list-style-type: none"> US Navy CNO Paul Ling <ul style="list-style-type: none"> US Navy Sean Locker <ul style="list-style-type: none"> US Navy NETC Dan Hurley <ul style="list-style-type: none"> US Navy Dustin Reddy <ul style="list-style-type: none"> US Navy COMSUBLANT Anna Kathryn <ul style="list-style-type: none"> US Navy COMSUBLANT Victor Hill <ul style="list-style-type: none"> US Navy USFFC Greg Thomas <ul style="list-style-type: none"> US Navy USFFC Michael Jones	<p>Advised of final recovery of Pioneer NES 2022, planned move to Pioneer MAB 2024, overview of infrastructure and locations. McGinn distributed to US Navy CNO, CTR, NETC, COMSUBLANT, USFFC</p> <p>No issues noted other than performing USCG PATONs and LNTMs</p>	Emrich, Buffitt

Date	Outreach	Topic	OOI-CGSN Participant
	<ul style="list-style-type: none"> US Navy USFFC 		
28-Sept-2022	Email Exchange Michael McGinn <ul style="list-style-type: none"> US Navy COMSUBLANT 	Verifying no other coordination contacts required for operations	Emrich
07-Dec-2022	Email Exchange Michael McGinn <ul style="list-style-type: none"> US Navy COMSUBLANT 	Providing confirmation of Pioneer NES recovery, Pioneer MAB test deployment schedule, and approximate timing of first Pioneer MAB deployment	Emrich
13-Jan-2023	Email Exchange Catherine Creese <ul style="list-style-type: none"> US Navy NSFCO NSFEXWC 	Providing an overview of Pioneer MAB infrastructure and locations	Buffitt
06-Feb-2023	Email Exchange Michael McGinn <ul style="list-style-type: none"> US Navy COMSUBLANT 	Provided PATON and LNTM for AST3 test deployment	Emrich
07-Feb-2023	Email Exchange Catherine Creese US Navy NSFCO NSFEXWC	Received confirmation, no conflicts with Navy infrastructure	Buffitt