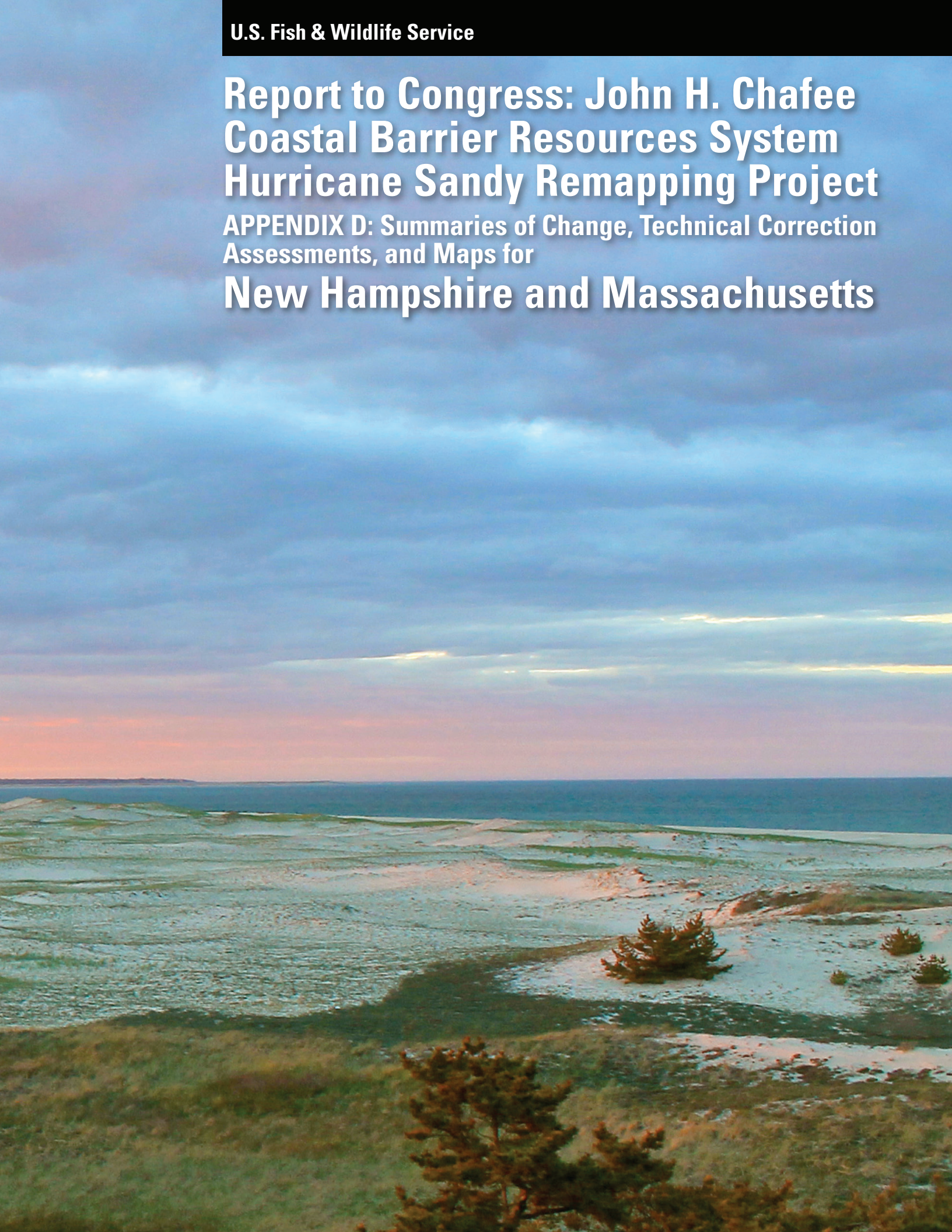


Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project

**APPENDIX D: Summaries of Change, Technical Correction
Assessments, and Maps for**

New Hampshire and Massachusetts





Piping plover habitat at Hampton Beach in New Hampshire taken by Susi von Oettingen/USFWS

Cover photo credit: View from a lighthouse at Monomoy National Wildlife Refuge. Keith Shannon/USFWS.

APPENDIX D:

Summaries of Change, Technical Correction Assessments, and Maps for New Hampshire and Massachusetts

Section 4(a) of the 2006 Coastal Barrier Resources Reauthorization Act (CBRRA) specifies that the Secretary of the Interior shall create digital versions of all of the CBRS maps that were not included in the Digital Mapping Pilot Project. Section 4(c)(3)(A) of the 2006 CBRRA requires a report that describes the extent to which the boundary lines on the digital maps differ from the boundary lines on the original maps. Section 4(c)(3)(D) of the 2006 CBRRA requires a report that contains recommendations for expansion of the John H. Chafee Coastal Barrier Resources System (CBRS).

This appendix contains the following for New Hampshire and Massachusetts: (1) statewide reference maps and statewide summaries of final recommended changes; (2) summaries of recommended changes for each of the units; (3) technical correction assessments; and (4) final recommended CBRS maps. Unit D01 is located in both Massachusetts and Rhode Island, but the unit summary and recommended map are only included in Appendix E, which contains the data for the Rhode Island CBRS units. Three acres out of 1,052 total acres within this unit are in Massachusetts.

Statewide Reference Maps and Statewide Summaries of Final Recommended Changes

The statewide reference maps in this appendix are for reference purposes and depict the recommended CBRS units in New Hampshire and Massachusetts. The statewide summaries of final recommended changes in this appendix contain the following information: the number and type of units, overview of public review and comments received, changes between proposed and final recommended acreage and structure changes, recommended changes by land ownership type, and a list of units within the state.

Unit Summaries

The unit summaries in this appendix describe the final recommended changes to the unit boundaries, the associated acreage and shoreline mile changes, and the number of structures recommended for addition to, removal from, and reclassification within the CBRS.

For existing CBRS units, the unit summaries in this appendix contain the following information:

- **Type of Unit:** Indicates whether the CBRS unit is a System Unit or an Otherwise Protected Area (OPA).
- **County:** Provides the counties that the CBRS unit is located within.
- **Congressional District:** Provides the congressional districts that the CBRS unit is located within.
- **Existing Map(s):** Provides the map number(s) and date(s) of the existing map(s) for the CBRS unit.
- **Final Recommended Map(s):** Provides the map number(s) and date(s) of the final recommended map(s) for the CBRS unit. All of the final recommended maps produced through the Hurricane Sandy Remapping Project are dated December 18, 2020.
- **Base Map Imagery Source and Date:** Provides the source and date of the underlying aerial imagery used as the base map for the CBRS unit.
- **Establishment of Unit:** Provides the public law number that first established the CBRS unit and the date on which that law was enacted.
- **Historical Changes:** Provides a history of changes (if any) affecting the map(s) for the CBRS unit.
- **Public Comments:** Provides information regarding the public comment period and where to find a summary of the comments received and the Service's responses (if applicable).
- **Changes between Proposed and Final Recommended Boundaries:** Describes the changes between the proposed CBRS unit boundaries that were released for public review and the final recommended boundaries depicted on the maps included in this appendix.
- **Final Recommended Changes:** Describes the recommended removals, additions, reclassifications, and/or other modifications to the CBRS unit.
- **Technical Correction Assessment:** Provides information about where to find a technical correction assessment (if applicable). This section

only appears for units where the Service has received a request for an assessment of whether a mapping error exists.

- **Acreage, Shoreline, and Structures Information:** Provides in table format acreage and shoreline mile changes, and the number of structures recommended for addition to, removal from, and reclassification within the CBRS.

For recommended new CBRS units, the unit summaries in this appendix contain the following information:

- **Type of Unit:** Indicates whether the recommended new CBRS unit is a System Unit or an OPA.
- **County:** Provides the counties that the recommended new CBRS unit is located within.
- **Congressional District:** Provides the congressional districts that the recommended new CBRS unit is located within.
- **Final Recommended Map(s):** Provides the map number(s) and date(s) of the final recommended map(s) for the recommended new CBRS unit. All of the final recommended maps produced through the Hurricane Sandy Remapping Project are dated December 18, 2020.
- **Base Map Imagery Source and Date:** Provides the source and date of the underlying aerial imagery used as the base map for the CBRS unit.
- **Public Comments:** Provides information regarding the public comment period and where to find a summary of the comments received and the Service's responses (if applicable).
- **Changes between Proposed and Final Recommended Boundaries:** Describes the changes between the proposed new CBRS unit boundaries that were released for public review and the final recommended boundaries depicted on the maps included in this appendix.
- **Recommended New Unit:** Provides information about the area's current CBRS status (i.e., whether any part of the recommended new unit is already within the CBRS) and

a description of the areas recommended for inclusion within the new unit.

- **Acreage, Shoreline, and Structures Information:** Provides in table format acreage and shoreline mile information, and the number of structures recommended for inclusion within the new CBRS unit.

Technical Correction Assessments

The technical correction assessments that were completed through the Hurricane Sandy Remapping Project for units in Massachusetts are included in this appendix. Technical correction assessments were only prepared in cases where an interested party specifically requested an assessment for a particular property or area to determine whether a technical mapping error exists (and/or submitted comments requesting removal of a specific area from the CBRS). For such cases, the Service carefully assessed all of the information provided by the interested party as well as other materials. The technical correction assessments in this appendix include the following information: (1) an overview of the technical correction process and the area in question; (2) the Service's findings as to whether or not the area is appropriate for removal from the CBRS; and (3) the development status and other factors the Service considered when determining whether a mapping error exists for that particular area (i.e., was the area undeveloped at the time it was included within the CBRS and do the CBRS boundary lines on the maps precisely follow the underlying features they were intended to follow on the ground).

Final Recommended Maps

The maps contained in this appendix are reduced versions of the final recommended maps. Because the maps presented in this report are reduced in size by approximately 70 percent, the legibility of the maps is significantly reduced. The final recommended maps can be accessed and downloaded from the Service's website: <http://www.fws.gov/cbra>.

Hurricane Sandy Remapping Project

Final recommended boundaries can also be viewed and compared to the existing boundaries in the Service's CBRSP Projects Mapper: <https://www.fws.gov/program/coastal-barrier-resources-act/maps-and-data>. Interested parties who are unable to access the recommended boundaries or other information online may contact the Service at cbra@fws.gov and reasonable accommodations will be made.

Each full-sized final recommended map (25" by 32") is produced at a scale of 1 to 24,000. The maps are referenced to the North American Datum of 1983 and use the Universal Transverse Mercator projection, zone 19N. The projection and coordinate system as well as the base map source citation are available below the legend on each map.

The final recommended boundaries are delineated on the maps as a solid purple line for System Units and a dashed black and purple line for OPAs. Where the solid boundary of a System Unit and the dashed boundary of an OPA are coincident, only the System Unit boundary is shown on the map.

Table 7. Page Number(s) of Each Unit Summary, Technical Correction Assessment, and Final Recommended Map(s) in Appendix D

<i>Unit</i>	<i>County</i>	<i>Unit Summary Page Number(s)</i>	<i>Technical Correction Assessment Page Number(s)</i>	<i>Final Recommended Map(s) Page Number(s)</i>
New Hampshire				
NH-01P*	Rockingham	D-11	N/A	D-185
Massachusetts				
MA-01P	Essex	D-19, D-20	N/A	D-186
MA-02P	Essex	D-21, D-22	N/A	D-186, D-187
C00	Essex	D-23, D-24	D-25, D-26	D-187
MA-03	Essex	D-27, D-28	N/A	D-187
C01	Essex	D-29, D-30	N/A	D-187, D-188
MA-48*	Essex	D-31	N/A	D-188
C01A	Essex	D-32, D-33	N/A	D-188
C01B	Essex	D-34	N/A	D-188
MA-04	Essex	D-35	N/A	D-189
MA-06	Essex	D-36	N/A	D-189
MA-08P	Suffolk	D-37	N/A	D-190
MA-09P	Norfolk	D-38	N/A	D-190
MA-10P	Norfolk	D-39	N/A	D-190
C01C	Suffolk	D-40	N/A	D-190
C01CP*	Suffolk	D-41	N/A	D-190
MA-11	Plymouth, Suffolk	D-42, D-43	N/A	D-190
MA-11P*	Plymouth, Suffolk	D-44	N/A	D-190
MA-12	Norfolk, Plymouth	D-45, D-46	N/A	D-191
C02P*	Plymouth	D-47, D-48	N/A	D-191
C03	Plymouth	D-49, D-50	D-51	D-191
C03A	Plymouth	D-52, D-53	N/A	D-192
MA-13	Plymouth	D-54, D-55	N/A	D-192, D-193
MA-13P*	Plymouth	D-56	N/A	D-192, D-193
C04	Plymouth	D-57, D-58	N/A	D-193
C06	Plymouth	D-59, D-60	N/A	D-194
MA-38P*	Barnstable	D-61	N/A	D-194
MA-14P	Barnstable	D-62	N/A	D-194
C08	Barnstable	D-63, D-64	N/A	D-195
C09	Barnstable	D-65, D-66	N/A	D-195, 196

Table 7. Page Number(s) of Each Unit Summary, Technical Correction Assessment, and Final Recommended Map(s) in Appendix D (continued)

<i>Unit</i>	<i>County</i>	<i>Unit Summary Page Number(s)</i>	<i>Technical Correction Assessment Page Number(s)</i>	<i>Final Recommended Map(s) Page Number(s)</i>
Massachusetts (continued)				
C09P	Barnstable	D-67	N/A	D-195, 196
MA-15P	Barnstable	D-68	N/A	D-196
MA-16	Barnstable	D-69	N/A	D-197
C10	Barnstable	D-70, D-71	N/A	D-197
MA-19P	Barnstable	D-72, D-73	N/A	D-198, 199
MA-18AP*	Barnstable	D-74, D-75	N/A	D-199
MA-18P	Barnstable	D-76	N/A	D-199
MA-17P	Barnstable	D-77	N/A	D-200
MA-17AP	Barnstable	D-78, D-79	N/A	D-200
C11	Barnstable	D-80, D-81	N/A	D-201
C11P*	Barnstable	D-82	N/A	D-201
C11A	Barnstable	D-83, D-84	N/A	D-201
C11AP	Barnstable	D-85	N/A	D-201
MA-20P	Barnstable	D-86, D-87	N/A	D-201, D-202, D-203
MA-40P*	Barnstable	D-88	N/A	D-202
C12	Barnstable	D-89, D-90	N/A	D-202
C12P*	Barnstable	D-91	N/A	D-202
MA-41P*	Barnstable	D-92	N/A	D-202
MA-23P	Barnstable	D-93, D-94	D-95	D-204
C13	Barnstable	D-96, D-97	N/A	D-204
C13P	Barnstable	D-98	N/A	D-204
C14	Barnstable	D-99	N/A	D-205
C15	Barnstable	D-100, D-101	N/A	D-205
C15P	Barnstable	D-102	N/A	D-205
C16	Barnstable	D-103, D-104	D-105, D-106	D-205, D-206
C17	Barnstable	D-107, D-108	N/A	D-206
C18	Barnstable	D-109, D-110	N/A	D-206
C18A	Barnstable	D-111, D-112	N/A	D-206
MA-42P*	Barnstable	D-113	N/A	D-207
C19P*	Barnstable	D-114	N/A	D-207
C19	Barnstable	D-115, D-116	N/A	D-207
MA-43*	Barnstable	D-117	N/A	D-207
MA-43P*	Barnstable	D-118	N/A	D-207
MA-30	Barnstable	D-119, D-120	N/A	D-207
MA-31	Barnstable	D-121	N/A	D-208
MA-32	Barnstable	D-122, D-123	N/A	D-208
MA-33	Barnstable	D-124	N/A	D-208
C19A	Plymouth	D-125, D-126, D-127	N/A	D-208, D-210
C19AP*	Plymouth	D-128	N/A	D-209

Table 7. Page Number(s) of Each Unit Summary, Technical Correction Assessment, and Final Recommended Map(s) in Appendix D (continued)

<i>Unit</i>	<i>County</i>	<i>Unit Summary Page Number(s)</i>	<i>Technical Correction Assessment Page Number(s)</i>	<i>Final Recommended Map(s) Page Number(s)</i>
Massachusetts (continued)				
MA-35	Plymouth	D-129	N/A	D-209
MA-47P*	Plymouth, Bristol	D-130	N/A	D-210
C31A	Plymouth	D-131, D-132	N/A	D-210
C31AP*	Bristol	D-133	N/A	D-210
C31B	Bristol	D-134, D-135	N/A	D-210
MA-36	Bristol	D-136	N/A	D-211
MA-45P*	Bristol	D-137	N/A	D-211
C32	Bristol	D-138	N/A	D-211
MA-46*	Bristol	D-139	N/A	D-211
MA-37P	Bristol	D-140	N/A	D-211
C33	Bristol	D-141, D-142	N/A	D-211, D-212
C34	Bristol	D-143, D-144	N/A	D-212
C34P	Bristol	D-145, D-146	D-147	D-212
C35	Bristol	D-148, D-148	N/A	D-212
C20	Nantucket	D-150, D-151	N/A	D-213, D-214
C20P*	Nantucket	D-152	N/A	D-213, D-214
C21	Nantucket	D-153, D-154	N/A	D-213
C22P*	Nantucket	D-155, D-156	N/A	D-214
C23	Nantucket	D-157, D-158	N/A	D-214, D-215
C23P*	Nantucket	D-159	N/A	D-214
C24	Nantucket	D-160, D-161	N/A	D-214, D-215
C25	Nantucket	D-162	N/A	D-215
MA-26	Dukes	D-163	N/A	D-216
MA-27*	Dukes	D-164	N/A	D-216
MA-27P	Dukes	D-165	N/A	D-216
C26	Dukes	D-166	N/A	D-216
C27	Dukes	D-167, D-168	N/A	D-216
MA-28P	Dukes	D-169	N/A	D-216
C28	Dukes	D-170, D-171	N/A	D-216, D-217
C29	Dukes	D-172, D-173	N/A	D-218
C29P	Dukes	D-174	N/A	D-218
MA-29P	Dukes	D-175	N/A	D-218
MA-24	Dukes	D-176, D-177	N/A	D-219, D-220
C29A	Dukes	D-178	N/A	D-219
C29B	Dukes	D-179, D-180	N/A	D-219
C31	Dukes	D-181, D-182	N/A	D-220, D-221
MA-25P	Dukes	D-183	N/A	D-221
C34A	Bristol	D-184	N/A	D-222

*Recommended new or reclassified unit



Coastal Barrier Resources System Hurricane Sandy Remapping Project

Summary of Final Recommended Changes for New Hampshire

In 2014, the U.S. Fish and Wildlife Service (Service) initiated the Hurricane Sandy Remapping Project to comprehensively modernize the maps for the John H. Chafee Coastal Barrier Resources (CBRS) units in the nine states most affected by Hurricane Sandy: Connecticut, Delaware, Maryland, Massachusetts, New Hampshire, New Jersey, New York (Long Island), Rhode Island, and Virginia. This fact sheet summarizes the final recommended changes to the CBRS in New Hampshire resulting from this project. The revised maps produced through this project will only become effective once they are adopted by Congress through legislation. For additional information on the Coastal Barrier Resources Act and the Hurricane Sandy Remapping Project, please visit: <https://www.fws.gov/project/hurricane-sandy-remapping-project>.

Number of Units

Total Recommended New Hampshire Units: 1

System Units: 0

Otherwise Protected Areas (OPAs): 1

There are currently no existing CBRS units in New Hampshire. The Service identified one recommended new unit in New Hampshire.

Public Review and Comments

The Service held a 120-day public review and comment period on the proposed boundaries in New Hampshire from March 12 through July 10, 2018 (83 FR 10739). The Service did not receive any comments for the proposed new unit in New Hampshire. For a summary of the comments received and the Service's responses, see [chapter 3](#) and [appendix C](#) of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Changes between Proposed and Final Recommended Boundaries

The aerial imagery initially used to prepare the proposed boundaries for the New Hampshire unit in this project was dated 2016. When preparing the final recommended

boundaries, the Service reviewed the proposed boundaries against the updated imagery. In New Hampshire, no changes due to the updated imagery were necessary. The imagery used for the final recommended map is dated 2018. As no comments were received for the proposed New Hampshire unit, no changes were necessary following the public comment period.

Final Recommended Acreage and Structure Changes

The final recommended map for the New Hampshire unit would add 681 acres to the CBRS (121 acres of fastland and 560 acres of associated aquatic habitat). The final recommended map for the New Hampshire unit would add three acres of privately owned lands not held for conservation/recreation) to the CBRS.

The final recommended boundaries would add five park-related structures to the CBRS.

Final Recommended Acreage and Structure Changes for New Hampshire

	Fastland Acres ¹		Associated Aquatic Habitat Acres ²		Total Acres		Total Structures ³	
	System Unit	OPAs	System Unit	OPAs	System Unit	OPAs	System Unit	OPAs
Added to the CBRS	0	121	0	560	0	681	0	5
	Total: 121		Total: 560		Total: 681		Total: 5	

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived from National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

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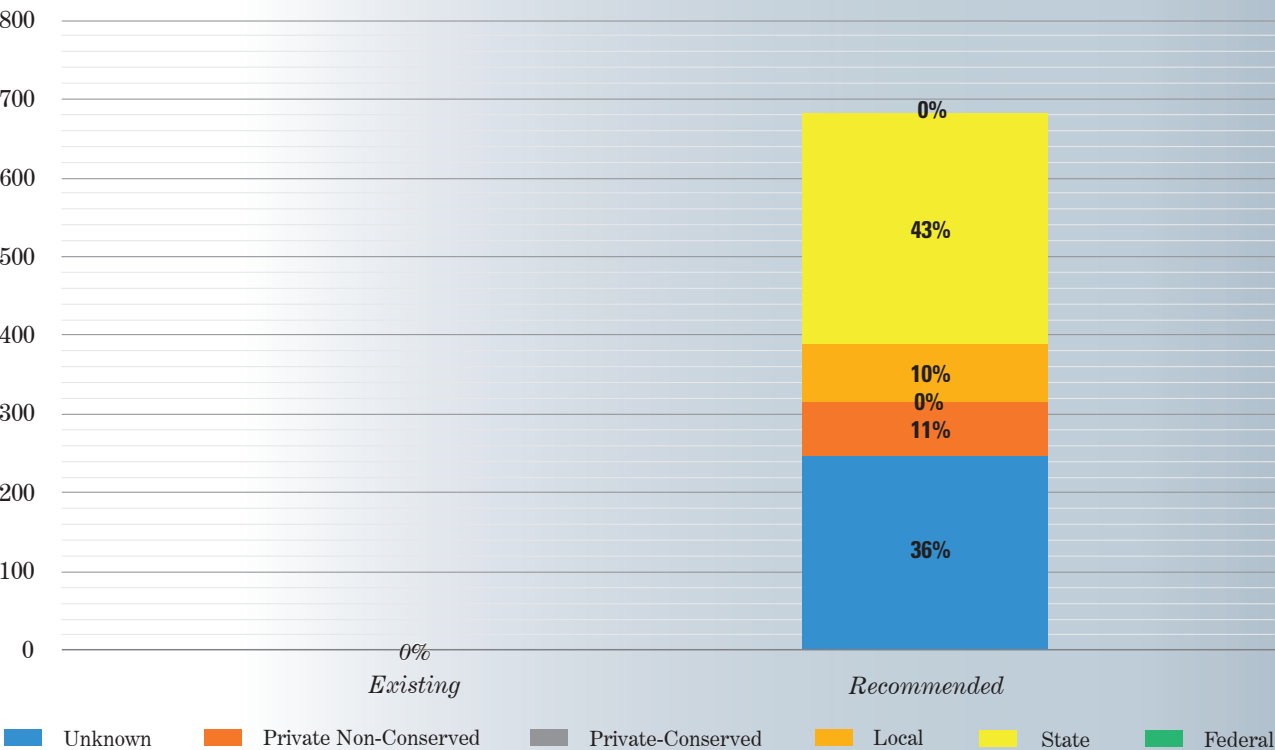
Information about the recommended new unit in New Hampshire (including acreage and structure changes) is available in [appendix D](#) of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project* and at: <https://www.fws.gov/project/hurricane-sandy-remapping-project>.

Final Recommended Changes by Land Ownership

The ownership type of the recommended new CBRS unit in New Hampshire is depicted in the graph below. In conducting this project, the Service relied heavily on publicly available state and local GIS data, which did not contain ownership information for

certain areas (mostly large swaths of wetlands and open water) that are within the project area; and therefore such areas are categorized as “unknown.” “Private conserved” indicates areas that are owned by private individuals or organizations (e.g., The Nature Conservancy, Audubon Society, etc.) and held specifically for conservation and/or recreation purposes, including privately owned areas that are subject to conservation easements.

Ownership Type and Percent Acreage¹ of Existing and Final Recommended Coastal Barrier Resources System Units for New Hampshire



¹Ownership data was acquired from local, state, federal, and non-governmental organizations between 2014 and 2017

New Hampshire Units in Project

County	Congressional District	Unit Number	Unit Name	Unit Status
Rockingham	NH-1	NH-01P	Odiorne Point	New Unit

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit NH-01P, Odiorne Point
New Hampshire**

Summary of Final Recommended Changes

Type of Unit: Recommended new
Otherwise Protected Area (OPA)

County: Rockingham

Congressional District: 1

Final Recommended Map: The final recommended map depicting this unit is:

- Draft map [33-001A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through

July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit NH-01P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit NH-01P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit NH-01P is not currently within the CBRS.

Included within new OPA Unit NH-01P are the following area(s):

- The majority of Odiorne Point State Park (owned by the New Hampshire Department of Resources and Economic Development), including about five park

related structures located along Ocean Boulevard

- Associated aquatic habitat in and around Fairhill Swamp and Seavey Creek (owned by the Town of Rye) that is held for conservation and/or recreation
- An undeveloped beach and associated aquatic habitat located on the north side of Little Harbor and to the west of Fort Stark Historic Site
- A portion of Little Harbor
- Undeveloped fastland (including two small islands) and associated aquatic habitat that are privately owned and not held for conservation and/or recreation located in the vicinity of Berrys Brook, Seavey Creek, and Witch Creek.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit NH-01P, Odiorne Point, New Hampshire

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	681	121	560		5
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	681	121	560	1.8	
Net Change	681	121	560	1.8	5

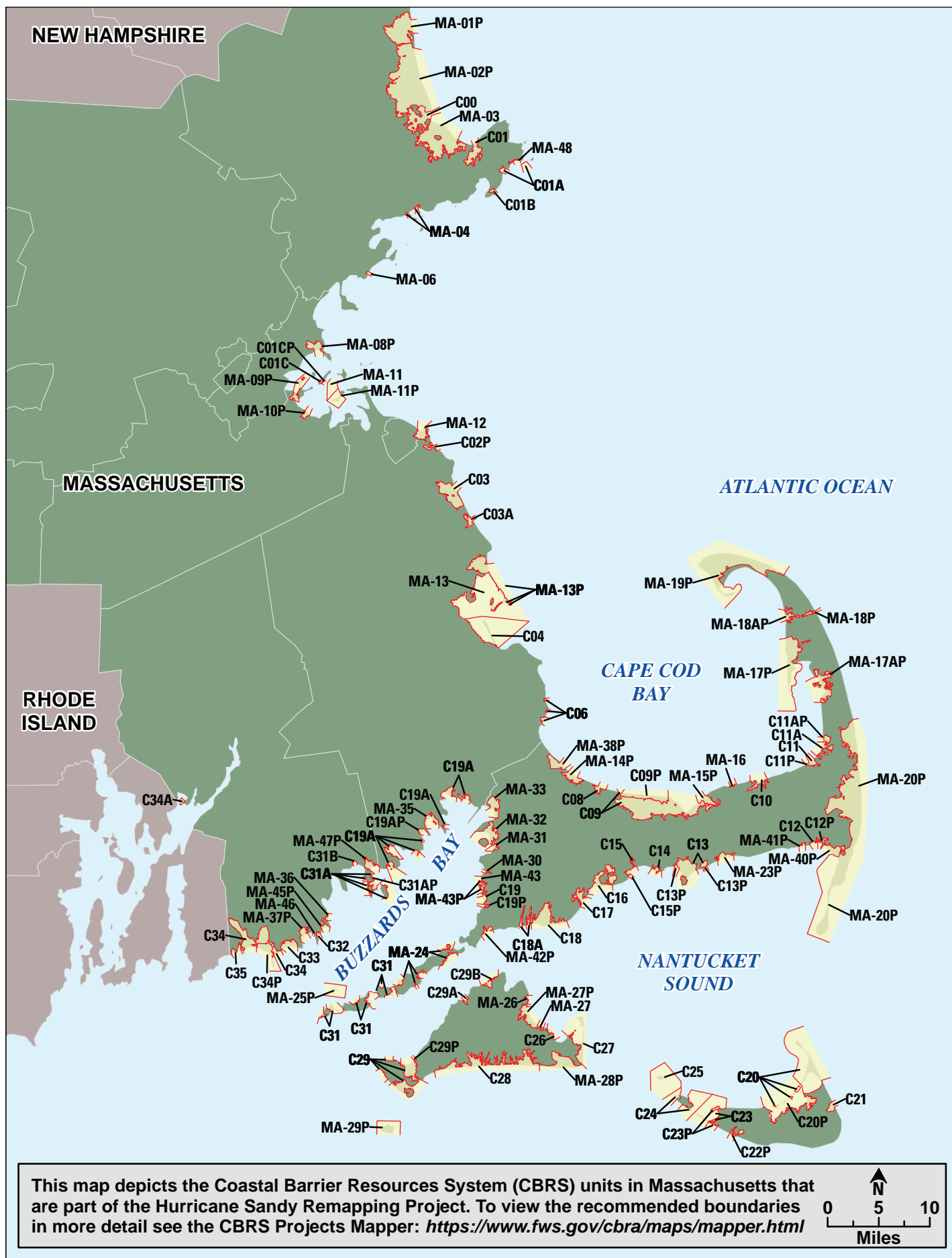
¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.



Coastal Barrier Resources System Hurricane Sandy Remapping Project

Summary of Final Recommended Changes for Massachusetts

In 2014, the U.S. Fish and Wildlife Service (Service) initiated the Hurricane Sandy Remapping Project to comprehensively modernize the maps for the John H. Chafee Coastal Barrier Resources (CBRS) units in the nine states most affected by Hurricane Sandy: Connecticut, Delaware, Maryland, Massachusetts, New Hampshire, New Jersey, New York (Long Island), Rhode Island, and Virginia. This fact sheet summarizes the final recommended changes to the CBRS units in Massachusetts resulting from this project. The revised maps produced through this project will only become effective once they are adopted by Congress through legislation. For additional information on the Coastal Barrier Resources Act and the Hurricane Sandy Remapping Project, please visit: <https://www.fws.gov/project/hurricane-sandy-remapping-project>.

Number of Units

Total Recommended Massachusetts Units: 106

System Units: 62

Otherwise Protected Areas (OPAs): 44

The Service has prepared comprehensively revised final recommended maps for all of the 86 existing CBRS units in Massachusetts. Two existing units in Massachusetts

have no recommended changes. The Service identified 24 recommended new units in Massachusetts. Ten of the 24 recommended new units in Massachusetts are comprised either partially or entirely of areas that are currently contained within the CBRS, but are recommended for reclassification from System Unit to OPA (or vice versa). Fourteen of the 24 recommended new units in Massachusetts are comprised entirely of areas that are not currently contained within the CBRS. Thirty-four percent of the acreage in the 24 recommended new Massachusetts units is not currently within the CBRS. Four of the existing 86 units are recommended for reclassification from System Unit to OPA (or vice versa), and therefore their current unit numbers are retired, resulting in 106 total recommended units.

Public Review and Comments

The Service held a 120-day public review and comment period on the proposed boundaries in Massachusetts from March 12 through July 10, 2018 (83 FR 10739). The Service received ten comments affecting eight units in Massachusetts. For a summary of the comments received and the Service's responses, see [chapter 3](#) and [appendix C](#) of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Changes between Proposed and Final Recommended Boundaries

The aerial imagery initially used to prepare the proposed boundaries for the Massachusetts units in this project was dated 2016. When preparing the final recommended boundaries, the Service reviewed the proposed boundaries against the updated imagery and made necessary adjustments to better follow the intended features visible on the updated imagery. The imagery used for the final recommended maps is dated 2018. The Service also made changes to four units in response to comments received during the public comment period, and created one new recommended unit that was not initially proposed. The changes made between the proposed and final recommended boundaries for each Massachusetts unit are summarized in [appendix D](#) of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Final Recommended Acreage and Structure Changes

The final recommended maps for the Massachusetts units would remove 309 acres from the CBRS (161 acres of fastland and 148 acres of associated aquatic habitat) and add 32,746 acres to the CBRS (2,615 acres of fastland and 30,131 acres of associated aquatic habitat). The final recommended maps

for the Massachusetts units would remove 131 acres of privately owned lands not held for conservation/recreation from the CBRS and add 1,038 acres of privately owned lands to the CBRS.

The final recommended boundaries would remove 168 structures (mostly private residential) from the CBRS and add 77 structures (mostly park-

related) to the CBRS. Information about the recommended changes for each of the individual Massachusetts units (including acreage and structure changes) is available in [appendix D](#) of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project* and at: <https://www.fws.gov/project/hurricane-sandy-remapping-project>.

Final Recommended Acreage and Structure Changes for Massachusetts

	<i>Fastland Acres¹</i>		<i>Associated Aquatic Habitat Acres²</i>		<i>Total Acres</i>		<i>Total Structures³</i>	
	<i>System Unit</i>	<i>OPAs</i>	<i>System Unit</i>	<i>OPAs</i>	<i>System Unit</i>	<i>OPAs</i>	<i>System Unit</i>	<i>OPAs</i>
Added to the CBRS	1,047	1,568	8,945	21,186	9,992	22,754	23	54
	Total: 2,615		Total: 30,131		Total: 32,746		Total: 77	
Removed from the CBRS	111	50	136	12	247	62	116	52
	Total: 161		Total: 148		Total: 309		Total: 168	
Net Reclassified ⁴	(702)	702	(6,375)	6,375	(7,077)	7,077		
Net Change	Total: 2,454		Total: 29,983		Total: 32,437		Total: (91)	

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived from National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ Reclassified area are areas currently with the CBRS that are recommended for reclassification from System Unit to OPA or vice versa.

Hurricane Sandy Remapping Project

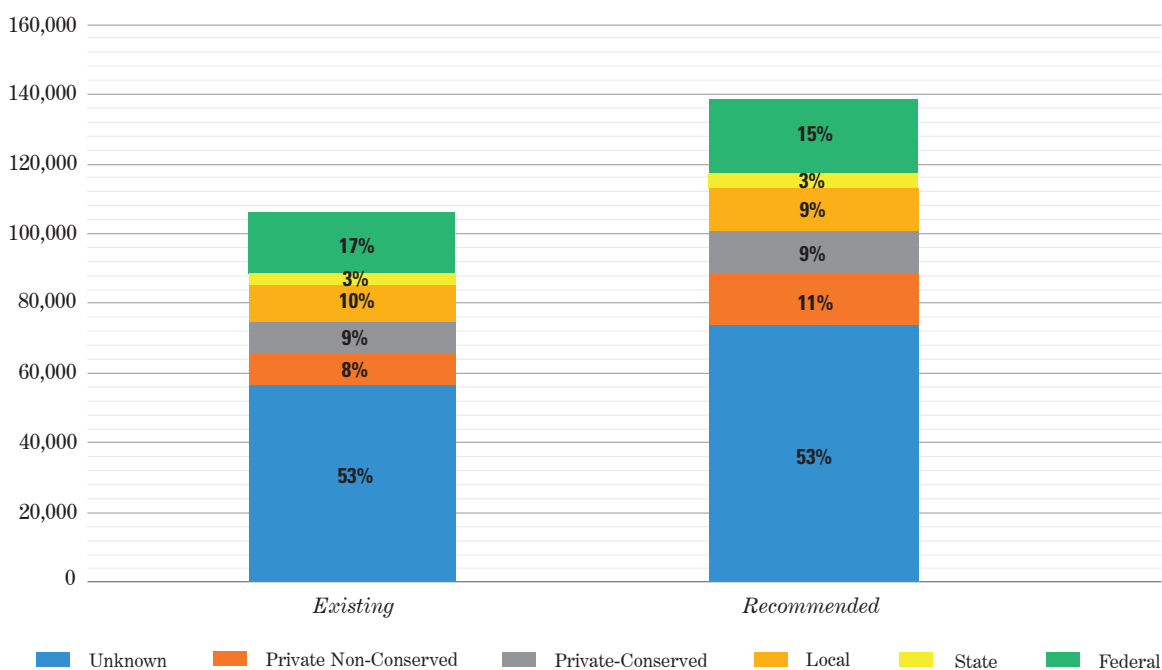
Final Recommended Changes by Land Ownership

The ownership type of the existing and final recommended CBRS units in Massachusetts is depicted in the graph below. In conducting this project, the Service relied heavily on

publicly available state and local GIS data, which did not contain ownership information for certain areas (mostly large swaths of wetlands and open water) that are within the project area; and therefore such areas are categorized as “unknown.” “Private conserved” indicates areas that

are owned by private individuals or organizations (e.g., The Nature Conservancy, Audubon Society, etc.) and held specifically for conservation and/or recreation purposes, including privately owned areas that are subject to conservation easements.

Ownership Type and Percent Acreage¹ of Existing and Final Recommended Coastal Barrier Resources System Units for Massachusetts



¹Ownership data was acquired from local, state, federal, and non-governmental organizations between 2014 and 2017

Report to Congress: John H. Chafee Coastal Barrier Resources System

Massachusetts Units in Project

<i>County</i>	<i>Congressional District</i>	<i>Unit Number</i>	<i>Unit Name</i>	<i>Unit Status</i>
Essex	MA-6	C00	Clark Pond	Existing Unit
Essex	MA-6	C01	Wingaersheek	Existing Unit
Essex	MA-6	C01A	Good Harbor Beach/ Milk Island	Existing Unit
Essex	MA-6	C01B	Brace Cove	Existing Unit
Suffolk	MA-7	C01C	West Head Beach	Existing Unit
Suffolk	MA-7	C01CP	West Head Beach	New Unit
Plymouth	MA-8	C02	North Scituate	Existing Unit Reclassified to Unit C02P and Unit Number Retired
Plymouth	MA-8	C02P	North Scituate	New Unit—Partially Reclassified
Plymouth	MA-8, MA-9	C03	Rivermoor	Existing Unit
Plymouth	MA-8, MA-9	C03A	Rexhame	Existing Unit
Plymouth	MA-9	C04	Plymouth Bay	Existing Unit
Plymouth	MA-9	C06	Center Hill Complex	Existing Unit
Barnstable	MA-9	C08	Scorton	Existing Unit
Barnstable	MA-9	C09	Sandy Neck	Existing Unit
Barnstable	MA-9	C09P	Sandy Neck	Existing Unit
Barnstable	MA-9	C10	Freemans Pond	Existing Unit
Barnstable	MA-9	C11	Namskaket Spits	Existing Unit
Barnstable	MA-9	C11A	Boat Meadow	Existing Unit
Barnstable	MA-9	C11AP	Boat Meadow	Existing Unit
Barnstable	MA-9	C11P	Namskaket Spits	New Unit
Barnstable	MA-9	C12	Chatham Roads	Existing Unit
Barnstable	MA-9	C12P	Chatham Roads	New Unit—Mostly Reclassified
Barnstable	MA-9	C13	Lewis Bay	Existing Unit
Barnstable	MA-9	C13P	Lewis Bay	Existing Unit
Barnstable	MA-9	C14	Squaw Island	Existing Unit
Barnstable	MA-9	C15	Centerville	Existing Unit
Barnstable	MA-9	C15P	Centerville	Existing Unit
Barnstable	MA-9	C16	Dead Neck	Existing Unit
Barnstable	MA-9	C17	Popponeset Spit	Existing Unit
Barnstable	MA-9	C18	Waquoit Bay	Existing Unit
Barnstable	MA-9	C18A	Falmouth Ponds	Existing Unit
Barnstable	MA-9	C18P	Waquoit Bay	Existing Unit reclassified to Unit C18 and Unit Number Retired
Barnstable	MA-9	C19	Black Beach	Existing Unit
Plymouth	MA-9	C19A	Buzzards Bay Complex	Existing Unit
Plymouth	MA-9	C19AP	Buzzards Bay Complex	New Unit—Mostly Reclassified
Barnstable	MA-9	C19P	Little Sippewisset Marsh	New Unit
Nantucket	MA-9	C20	Coatue	Existing Unit
Nantucket	MA-9	C20P	Coatue	New Unit—Mostly Reclassified
Nantucket	MA-9	C21	Sesachacha Pond	Existing Unit

Hurricane Sandy Remapping Project

Massachusetts Units in Project —Continued

<i>County</i>	<i>Congressional District</i>	<i>Unit Number</i>	<i>Unit Name</i>	<i>Unit Status</i>
Nantucket	MA-9	C22	Cisco Beach	Existing Unit Reclassified to Unit C22 and Unit Number Retired
Nantucket	MA-9	C22P	Cisco Beach	New Unit-Mostly Reclassified
Nantucket	MA-9	C23	Esther Island Complex	Existing Unit
Nantucket	MA-9	C23P	Esther Island Complex	New Unit-Mostly Reclassified
Nantucket	MA-9	C24	Tuckermuck Island	Existing Unit
Nantucket	MA-9	C25	Muskeget Island	Existing Unit
Dukes	MA-9	C26	Eel Pond Beach	Existing Unit
Dukes	MA-9	C27	Cape Poge	Existing Unit
Dukes	MA-9	C28	South Beach	Existing Unit
Dukes	MA-9	C29	Squibnocket Complex	Existing Unit
Dukes	MA-9	C29A	James Pond	Existing Unit
Dukes	MA-9	C29B	Mink Meadows	Existing Unit
Dukes	MA-9	C29P	Squibnocket Complex	Existing Unit
Dukes	MA-9	C31	Elizabeth Islands	Existing Unit
Bristol	MA-9	C31A	West Sconticut Neck	Existing Unit
Bristol	MA-9	C31AP	West Sconticut Neck	New Unit
Bristol	MA-9	C31B	Harbor View	Existing Unit
Bristol	MA-9	C32	Mishaum Point	Existing Unit
Bristol	MA-9	C33	Little Beach	Existing Unit
Bristol	MA-9	C34	Horseneck Beach	Existing Unit
Bristol	MA-4	C34A	Cedar Cove	Existing Unit
Bristol	MA-9	C34P	Horseneck Beach	Existing Unit
Bristol	MA-9	C35	Richmond/Cockeast Ponds	Existing Unit
Essex	MA-6	MA-01P	Salisbury Beach	Existing Unit
Essex	MA-6	MA-02P	Plum Island	Existing Unit
Essex	MA-6	MA-03	Castle Neck	Existing Unit
Essex	MA-6	MA-04	West Beach	Existing Unit
Essex	MA-6	MA-06	Phillips Beach	Existing Unit
Suffolk	MA-5, MA-7	MA-08P	Snake Island	Existing Unit
Norfolk	MA-7, MA-8	MA-09P	Squantum	Existing Unit
Norfolk	MA-8	MA-10P	Merrymount Park	Existing Unit
Plymouth, Suffolk	MA-7, MA-8	MA-11	Peddocks/Rainsford Islands	Existing Unit
Plymouth	MA-8	MA-11P	Peddocks/Rainsford Islands	New Unit-Entirely Reclassified
Norfolk, Plymouth	MA-8	MA-12	Cohasset Harbor	Existing Unit
Plymouth	MA-9	MA-13	Duxbury Beach	Existing Unit
Plymouth	MA-9	MA-13P	Duxbury Beach	New Unit-Mostly Reclassified
Barnstable	MA-9	MA-14P	Town Neck	Existing Unit
Barnstable	MA-9	MA-15P	Chapin Beach	Existing Unit
Barnstable	MA-9	MA-16	Nobscusset	Existing Unit

Report to Congress: John H. Chafee Coastal Barrier Resources System

Massachusetts Units in Project —Continued

<i>County</i>	<i>Congressional District</i>	<i>Unit Number</i>	<i>Unit Name</i>	<i>Unit Status</i>
Barnstable	MA-9	MA-17AP	Lieutenant Island	Existing Unit
Barnstable	MA-9	MA-17P	Griffin/Great ISlands Complex	Existing Unit
Barnstable	MA-9	MA-18	Pamet Harbor	Existing Unit Reclassified to Unit MA-18P and Unit Number Retired
Barnstable	MA-9	MA-18AP	Pamet Harbor	New Unit-Mostly Reclassified
Barnstable	MA-9	MA-18P	Ballston Beach	Existing Unit
Barnstable	MA-9	MA-19P	Provincetown	Existing Unit
Barnstable	MA-9	MA-20P	Nauset Beach/ Monomoy	Existing Unit
Barnstable	MA-9	MA-23P	Davis Beach	Existing Unit
Dukes	MA-9	MA-24	Naushon Island Complex	Existing Unit
Dukes	MA-9	MA-25P	Penikese Island	Existing Unit
Dukes	MA-9	MA-26	Harthaven	Existing Unit
Dukes	MA-9	MA-27	Edgartown Beach	New Unit-Partially Reclassified
Dukes	MA-9	MA-27P	Edgartown Beach	Existing Unit
Dukes	MA-9	MA-28P	Norton Point	Existing Unit
Dukes	MA-9	MA-29P	Nomans Land	Existing Unit
Barnstable	MA-9	MA-30	Herring Brook	Existing Unit
Barnstable	MA-9	MA-31	Squeteague Harbor	Existing Unit
Barnstable	MA-9	MA-32	Bassetts Island	Existing Unit
Barnstable	MA-9	MA-33	Phinneys Harbor	Existing Unit
Plymouth	MA-9	MA-35	Planting Island	Existing Unit
Bristol	MA-9	MA-36	Round Hill	Existing Unit
Bristol	MA-9	MA-37P	Demarest Lloyd Park	Existing Unit
Barnstable	MA-9	MA-38P	Scusset Beach	New Unit
Barnstable	MA-9	MA-40P	Harding Beach	New Unit
Barnstable	MA-9	MA-41P	Red River Beach	New Unit
Barnstable	MA-9	MA-42P	Quissett Beach/ Falmouth Beach	New Unit
Barnstable	MA-9	MA-43	Chapoquoit Beach	New Unit
Barnstable	MA-9	MA-43P	Chapoquoit Beach	New Unit
Bristol	MA-9	MA-45P	Round Hill Point	New Unit
Bristol	MA-9	MA-46	Teal Pond	New Unit
Plymouth, Bristol	MA-9	MA-47P	Little Bay	New Unit
Essex	MA-6	MA-48	Cape Hedge Beach	New Unit

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-01P, Salisbury Beach,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: Otherwise Protected Area (OPA)

County: Essex

Congressional District: 6

Existing Map: The existing CBRS map depicting this unit is:

- Map [023](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-001A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-01P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3

and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-01P were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit MA-01P between proposed and final recommended are described below:

- The landward boundary along Plum Island Turnpike in Newbury has been modified to avoid adding to the CBRS one privately owned structure (constructed in 2017) that did not appear on the 2016 aerial imagery used to prepare the proposed boundary

Final Recommended Changes:

The final recommended changes to Unit MA-01P are described below.

Recommended Additions:

- Portions of Salisbury Beach State Reservation (owned by the Massachusetts Department of Conservation and Recreation (MA DCR)) located west of Salisbury Beach
- Portions of Plum Island State Reservation (owned by the MA DCR) located on the north end of Plum Island
- Portions of Salisbury Salt Marsh Wildlife Management Area (owned by the Massachusetts Department of Fish and Game) located in an area to the west of Salisbury Beach and an area to the east of Rings Island

- Portions of Joppa Flats Wildlife Sanctuary (owned by the Massachusetts Audubon Society) located along Plum Island Turnpike
- Portions of Spencer-Pierce-Little Farm (owned by Historic New England, a regional heritage organization) located between the Plum Island Turnpike and Joppa Flats
- One former United States Coast Guard antenna site building and one public bathhouse (both owned by the Town of Newportbury)
- Areas of undeveloped fastland and associated aquatic habitat that are publicly and privately owned and not held for conservation and/or recreation. These areas are in the following locations: along the mouth of the Merrimack River, Joppa Flats, The Basin, Woodbridge Island, Chaces Island, Seal Island, Salisbury Salt Marsh, and to the west of Salisbury Beach.

Other Modifications/Information:

- Areas of undeveloped fastland and associated aquatic habitat that are privately owned and not held for conservation and/or recreation are currently located within OPA Unit MA-01P. These areas are not recommended for reclassification to a System Unit because the coastal barrier system is predominantly held for conservation and/or recreation.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-01P, Salisbury Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	1,439	170	1,269	1.0	
Added to the CBRS	2,224	78	2,146		2
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	3,663	248	3,415	1.4	
Net Change	2,224	78	2,146	0.4	2

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-02P, Plum Island,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Essex

Congressional District: 6

Existing Map: The existing CBRS map depicting this unit is:

- Map [024](#) dated October 24, 1990

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-001A](#) dated December 18, 2020
- Draft map [25-002A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-02P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of

the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-02P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-02P between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit MA-02P are described below.

Recommended Additions:

- Portions of Parker River National Wildlife Refuge (owned by the Service) located south of the Plum Island Turnpike, on Plum Island, and along Roger Island River
- Portions of Sandy Point State Reservation (owned by the Massachusetts Department of Conservation and Recreation) located in the marsh to the west of Plum Island, south of Roger Island River
- Portions of Great Marsh North Wildlife Management Area (owned by the Massachusetts Department of Fish and Game) located along Rowley River, Eagle Hill River, and Little Pine Island Creek
- Portions of Rough Meadows Wildlife Sanctuary (owned by the Massachusetts Audubon Society)
- Portions of Old Town Hill Reservation (owned by The Trustees of Reservations) located north of Parker River
- Conservation and/or recreation areas owned by Historic New England (a regional heritage organization), Essex County Greenbelt Association, and the Town of Newbury. These areas are located both on Plum Island and in the marsh to the west of Plum Island, south of the Plum Island Turnpike.
- Undeveloped fastland and associated aquatic habitat along Rowley River and Eagle Hill River that is

owned by the Essex County Greenbelt Association and the Town of Ipswich and held for conservation and/or recreation, including about two structures that are entirely surrounded by wetlands

- Approximately 27 privately owned structures that are entirely surrounded by wetlands, located west of Plum Island Sound in the marsh between Mud Creek and Eagle Hill River
- Little Pine Island, including one privately owned structure
- Undeveloped privately owned areas of fastland (including the undeveloped portions of Pine Island) and associated aquatic habitat that are not held for conservation and/or recreation. These areas are located to the west of Plum Island, south of the Plum Island Turnpike.
- Privately owned areas of associated aquatic habitat that are not held for conservation and/or recreation, including portions of Hog Island, Rogers Island, and Holy Island. These areas are located along the Parker, Rowley, and Eagle Hill Rivers.

Other Modifications/Information:

- Modification of the coincident boundary between System Unit C00 and OPA Unit MA-02P located along the southern tip of Plum Island to account for natural changes. The southern tip of Plum Island has changed shape in the area between Ipswich Bay and Plum Island Sound. This modification results in some small reclassifications from OPA to System Unit and vice-versa.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information Unit MA-02P, Plum Island, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	6,411	1,024	5,387	6.3	
Added to the CBRS	4,749	141	4,608		30
Removed from the CBRS	3	2	1		0
Reclassified Area ⁵	(16)	(3)	(13)		0
Final Recommended Unit	11,141	1,160	9,981	6.4	
Net Change	4,730	136	4,594	0.1	30

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C00, Clark Pond, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Essex

Congressional District: 6

Existing Map: The existing CBRS map depicting this unit is:

- Map [025](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-002A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C00.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3

and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C00 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit C00 between proposed and final recommended are described below:

- The boundary has been modified so as not add a pre-existing structure located along Labor in Vain Road to the CBRS

Final Recommended Changes:

The final recommended changes to Unit C00 are described below.

Recommended Removals:

- One structure and undeveloped fastland near Rantoul Pond along Fox Creek Road
- Four structures and undeveloped fastland located to the north of Argilla Road and east of Fox Creek

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along Tredwell Island Creek, Labor in Vain Creek, and the Ipswich River
- Wetlands located along Jeffrey's Neck Road to the west of Great Neck, along the shoreline of Treadwell Island, and along the northern end of Clark Pond (including a minor area owned and held for conservation and/or recreation by The Association of Great Neck)
- Areas owned and held for conservation and/or recreation by the Essex County Greenbelt Association located along Labor in Vain Creek and along Jefferey's Neck Road
- A minor area of wetlands located to the west of Labor in Vain Creek and north of Labor in Vain Road that is privately owned and subject to a conservation restriction held by the Essex County Greenbelt Association

- Minor portions of Great Neck Estuary (owned by the Town of Ipswich) located along Clark Pond

Other Modifications/Information:

- Modification of the coincident boundary between System Unit C00 and OPA Unit MA-02P located along the southern tip of Plum Island to account for natural changes. The southern tip of Plum Island has changed shape in the area between Ipswich Bay and Plum Island Sound. This modification results in some small reclassifications from Otherwise Protected Area (OPA) to System Unit and vice-versa.
- Most of Clark Pond and Clark Beach (owned and held for conservation and/or recreation by The Association of Great Neck) is currently within System Unit C00. This area is not recommended for reclassification to an OPA because it was acquired for conservation and/or recreation after the area was first included in 1982 within the CBRS.
- Areas owned by the Town of Ipswich and held for conservation and/or recreation (including portions of Great Neck Estuary, Sally Wentworth Memorial Site, and Pavilion Beach) are currently within System Unit C00. These areas are not recommended for reclassification to an OPA because they were acquired by the Town after they were first included in 1990 within the CBRS.
- Areas owned and held for conservation and/or recreation by the Essex County Greenbelt Association are both currently within and recommended for addition to System Unit C00. The Essex County Greenbelt Association concurred with classifying these areas as System Unit rather than OPA.
- Areas owned by the Trustees of Reservations (a conservation organization), including portions of Greenwood Farm Reservation, Castle Hill on the Crane Estate, and Crane Wildlife Refuge on the Crane Estate, are currently located within System Unit C00. Although approximately half of these areas were held for conservation and/or rec-

reation before they were included within System Unit C00, they are not recommended for reclassification to an OPA. A 1985 letter from the Trustees of Reservations supports the inclusion of the areas it owns within the System Unit

- Privately owned wetlands located to the southeast of Rantoul Pond that are subject to conservation restrictions held by the Trustees of

Reservations are currently within System Unit C00. The conservation restrictions were placed on the properties before the areas were first included in 1990 within the CBRS. However, these areas are not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Technical Correction Assessment: The Service has completed a Technical Correction Assessment to address a request that was received to determine whether a mapping error exists for a specific area within this unit. The assessment can be found on D-23 in appendix D of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Acreage, Shoreline, and Structure Information for Unit C00, Clark Pond, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	2,034	121	1,913	0.4	
Added to the CBRS	381	115	266		0
Removed from the CBRS	6	6	0		5
Reclassified Area ⁵	16	3	13		0
Transferred Area ⁶	1	0	1		
Final Recommended Unit	2,426	233	2,193	0.4	
Net Change	392	112	280	0.0	(5)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived from an interpretation of base map imagery in consultation with National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles) and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

⁶ The net change includes one acre of associated aquatic habitat that was transferred from System Unit MA-03 to System Unit C00. This transfer between two units of the same type does not change the CBRA restrictions on Federal expenditures and financial assistance in this area.

Technical Correction Assessment for Property on Jeffrey's Neck Road in CBRS Unit C00

Overview

The John H. Chafee Coastal Barrier Resources System (CBRS) is depicted on a set of maps that is maintained by the U.S. Fish and Wildlife Service (Service). Aside from three minor exceptions,¹ only legislation enacted by Congress can modify the CBRS maps. A "technical correction" is a correction to a CBRS map to fix a legitimate mapping error. The Service receives numerous requests from property owners and other interested parties who seek to remove areas from the CBRS based on an alleged technical mapping error. The Service considers a technical mapping error to be a mistake in the delineation of the CBRS boundaries that was made as a result of incorrect, outdated, or incomplete information (often stemming from inaccuracies on the original base maps).

The Service generally does not recommend removal of areas from the CBRS unless there is clear and compelling evidence that a technical mapping error led to their inclusion within the CBRS. In order to determine whether a technical mapping error exists, the Service conducts a comprehensive review of the history of the CBRS unit in question which generally includes an assessment of the Service's background records for the unit, the controlling and historical CBRS maps of the area, the historical development status of the area, aerial imagery, and any materials submitted by property owners and other interested parties. When the Service determines that a technical correction to a map is warranted, we prepare a new comprehensively modernized map for the area. The updated map becomes effective only if adopted through legislation enacted by Congress.

The Service was first contacted in 2014 by a private property owner who was denied federal flood insurance because the residential structure on a property located along Jeffrey's Neck Road in Ipswich, Massachusetts, is within CBRS Unit C00. The owner believes that the property was included within the CBRS in error and would like it removed.

Service Findings

The Service has carefully assessed all of the information provided by the party indicated above as well as the materials that are typically reviewed as part of a technical correction assessment. The Service found that the property located along Jeffrey's Neck Road within Unit C00 is appropriately included within the CBRS. The Coastal Barrier Resources Act (CBRA) development criteria and the Service's findings related to this technical correction assessment are explained in further detail below. While this particular area is appropriately included within the CBRS, the Service did identify other areas in this unit that are appropriate for removal. The areas recommended for removal are listed in the Summary of Final Recommended Changes for Unit C00.

CBRA Development Criteria and CBRS Boundary Intent

CBRA requires that the Service consider the following criteria in determining whether a coastal barrier was undeveloped at the time of inclusion within the CBRS: (A) the density of development was less than one structure per five acres of land above mean high tide; and (B) there was existing infrastructure consisting of (i) a road, with a reinforced road bed, to each lot or building site in the area; (ii) a wastewater disposal system sufficient to serve each lot or building site in the area; (iii) electric service for each lot or building site in the area; and (iv) a fresh water supply for each lot or building site in the area.² When assessing whether an area may be appropriate for removal, the Service also considers the location of geomorphic, cultural, and development features on the ground at the time the area was included within the CBRS (i.e., whether the CBRS boundary lines on the maps precisely follow the underlying features they were intended to follow on the ground).

Density of Development: The Service's review of the property located along Jeffrey's Neck Road found that there was a structure on the ground when the area was first included in 1990 within the CBRS. The Service's assessment considered the density of development that existed on the ground when Unit C00 was expanded to this area in 1990. The Service found that the 1990 addition to the unit was comprised of approximately 113 acres of fastland (i.e., land above mean high tide) and contained approximately 8 structures. Therefore, the density of development on the ground was about 1 structure per 14 acres of fastland, which is below the density threshold to be considered "undeveloped" under CBRA.

Level of Infrastructure: The Service did not consider the level of infrastructure that was on the ground in this area because the density threshold was not exceeded and the structure was on a single lot and not part of a larger subdivision. The intent of the infrastructure criterion is to exclude from the CBRS areas where there is intensive private capitalization for development that is underway (e.g., a subdivision funded by a developer that is under construction). Therefore, the Service only conducts infrastructure assessments in cases where the density threshold would have been exceeded had the construction of the associated structures been fully completed (or would constitute a cluster of ten or more structures, which are generally excluded from the CBRS).

Technical Correction Assessment for Property on Jeffrey's Neck Road in CBRS Unit C00 (continued)

Intent of the CBRS Boundary: The Service found that the area along Jeffrey's Neck Road was not included within the CBRS as a result of an error in the underlying features that the CBRS boundary was intended to follow. The area is depicted with reasonable accuracy as fastland on the 1966 U.S. Geological Survey (USGS) topographic quadrangle that was used as the base map for the October 24, 1990, CBRS map (although a structure footprint was not present in the area on that quadrangle). There were a couple of scattered structures on the ground when the area along Jeffrey's Neck and Little Neck Roads was first included in 1990 within the CBRS; however, the area still qualified as "undeveloped" according to the CBRA's development criteria. Some pre-existing structures are included within the CBRS intentionally because they are located in areas that meet CBRA's criteria for an undeveloped coastal barrier (which allows for the designation of areas containing a low density of scattered structures).

¹ The administrative authority of the Service to make changes to the CBRS boundaries is limited to changes made as a result of natural forces (such as erosion and accretion), voluntary additions by property owners, and additions of excess property to the CBRS (16 U.S.C. § 3503).

² *Coastal Barrier Resources*, U.S. Code 16 (2018), § 3503(g)(1).

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-03, Castle Neck,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Essex

Congressional District: 6

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [025](#) dated October 24, 1990
- Map [026A](#) dated July 12, 1996

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-002A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-03.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative action:

- *Federal Register* notice (62 FR 8258) published on February 24, 1997, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received

and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-03 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit MA-03 between proposed and final recommended are described below:

- A minor modification has been made to the boundary to better fit the updated base map imagery

Final Recommended Changes: The final recommended changes to Unit MA-03 are described below.

Recommended Removals:

- One structure and undeveloped fastland to the east of Ebben Creek on the south side of LeBarron Road
- One structure and undeveloped fastland to the east of Ebben Creek on the north side of Eastern Road
- Cross Island, including about ten privately owned structures. This corrects an administrative error made by the Service in 1997 when this unit was last modified to account for natural changes under 16 U.S.C. 3503(c). Cross Island was added to the unit at that time. There were no natural changes in this area that justified the addition of Cross Island under 16 U.S.C. 3503(c) and it appears that the addition of the island to the CBRS in 1997 was inadvertent.
- Several small areas of undeveloped fastland located on the mainland

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along the Essex River, including a minor area of privately owned wetlands that is subject to a conservation restriction held by the Essex County Greenbelt Association
- Associated aquatic habitat along Walker, Lanes, and Farm Creeks

- Areas owned and held for conservation and/or recreation by the Essex County Greenbelt Association, located south of Coffins Beach and along the Essex River, Ebben Creek, and Soginese Creek
- A minor area of wetlands owned by the Town of Essex and held for conservation and/or recreation, located south of Robbins Island near Conomo Point
- Minor portions of areas held for conservation and/or recreation by the Trustees of Reservations (a conservation organization) including portions of Castle Hill on the Crane Estate, Crane Wildlife Refuge on the Crane Estate, and an area of wetlands south of Argilla Road along the Castle Neck River
- Minor areas (mostly wetlands) that are privately owned and subject to conservation restrictions held by the Trustees of Reservations, located in the vicinity of Argilla Road and Island Road
- Minor portions of privately owned wetlands that are subject to conservation restrictions held by the Essex County Greenbelt Association, located along Soginese Creek and the Essex River
- Minor areas of privately owned wetlands that are subject to a conservation restriction held by the Massachusetts Department of Agricultural Resources, located along the Castle Neck River to the north of John Wise Avenue

Other Modifications/Information:

- Areas owned by the Trustees of Reservations are currently located within System Unit MA-03. Although most of these areas were held for conservation and/or recreation before they were included within System Unit MA-03, they are not recommended for reclassification to an Otherwise Protected Area (OPA). A 1985 letter from the Trustees of Reservations supports the inclusion of the areas it owns within the System Unit.
- Areas owned by the Town of Essex and held for conservation and/or recreation (located in the vicinity of Robbins Island and Conomo Point) are both currently within and recommended for addition to System

Unit MA-03. The Town concurred with classifying these areas as System Unit rather than OPA.

- Areas owned and held for conservation and/or recreation by the Essex County Greenbelt Association are both currently within and recommended for addition to System Unit MA-03. The Association concurred with classifying these areas as System Unit rather than OPA.
- A portion of Great Marsh North Wildlife Management Area (owned by the Massachusetts Department of Fish and Game) located between the Essex River and the Castle Neck River is currently within System Unit MA-03. The Department of Fish and Game concurred with maintaining this area as System Unit rather than OPA.
- An area of wetlands owned by the Manchester-Essex Conservation Trust located along the Castle Neck River is currently within System

Unit MA-03. The Trust concurred with classifying this area as System Unit rather than OPA.

- A minor area of fastland containing the Crane Beach parking lot, owned by the Town of Ipswich and held for conservation and/or recreation, is currently located within System Unit MA-03. This area is not recommended for reclassification to OPA.
- Privately owned areas (mostly wetlands), located along Castle Neck River, Essex River, Soginese Creek, and Lufkin Creek, that are subject to conservation restrictions (held by the Essex County Greenbelt Association and the Trustees of Reservations) are currently within System Unit MA-03. The conservation restrictions were placed on the properties before the areas were first included in 1990 within the CBRS. However, these areas are not recommended for reclassification to OPA.

- Privately owned areas (mostly wetlands) that are subject to conservation restrictions held by the Massachusetts Department of Agricultural Resources are located within System Unit MA-03 in the vicinity of the Castle Neck River. The conservation restrictions were not in place when these areas were first included in 1990 within the CBRS. These areas are not recommended for reclassification to OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-03, Castle Neck, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	5,662	712	4,950	3.4	
Added to the CBRS	503	66	437		0
Removed from the CBRS	45	42	3		12
Reclassified Area ⁵	0	0	0		0
Transferred Area ⁶	(1)	0	(1)		
Final Recommended Unit	6,119	736	5,383	3.4	
Net Change ⁶	457	24	433	0.0	(12)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

⁶ The net change includes 1 acre of fastland and 20 acres of associated aquatic habitat that were transferred from System Unit MA-24 to System Unit C31. This transfer between two units of the same type does not change the CBRA restrictions on Federal expenditures and financial assistance in these area

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C01, Wingaersheek, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Essex

Congressional District: 6

Existing Map: The existing CBRS map depicting this unit is:

- Map [026A](#) dated July 12, 1996

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-002A](#) dated December 18, 2020
- Draft map [25-003A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C01.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

- *Federal Register* notice (62 FR 8258) published on February 24, 1997, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C01 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C01 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C01 are described below.

Recommended Additions:

- Associated aquatic habitat along the Annisquam River and Mill River, including minor areas of open water and wetlands at Corliss Landing and Brown's Mill Landing (owned

by the City of Gloucester and held for conservation and/or recreation)

- Associated aquatic habitat and a small portion of Wingaersheek Beach (owned by the City of Gloucester) located near Farm Point

Other Modifications/Information:

- Areas owned by the City of Gloucester (Wingaersheek Beach, Ram Island, Boynton Island and Causeway, Long Wharf Landing, and Gloucester Watershed Lands) and held for conservation and/or recreation are currently located within System Unit C01. The City concurred with classifying these areas as System Unit rather than Otherwise Protected Area (OPA).
- Areas owned by the Essex County Greenbelt Association (a local conservation organization) are currently located within System Unit C01. The Association concurred with classifying these areas as System Unit rather than OPA.
- An area primarily comprised of wetlands and owned by the YMCA (a recreation organization) is currently located within System Unit C01. The YMCA concurred with classifying this area as System Unit rather than OPA.
- The name of this unit is changed from "Wingersheek" to "Wingaersheek" to correctly identify the underlying feature.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C01, Wingaersheek, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	771	46	725	0.4	
Added to the CBRS	270	2	268		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	1,041	48	993	0.7	
Net Change	270	2	268	0.3	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-48, Cape Hedge Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new
Otherwise Protected Area (OPA)

County: Essex

Congressional District: 6

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-003A](#) dated December 18, 2020

Base Map Imagery Source and Date:
United States Department of
Agriculture, National Agriculture
Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received

and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-48 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit MA-48 between proposed and final recommended are described below:

- The entirety of the Cape Hedge Beach unit, which was initially proposed for designation as Otherwise Protected Area (OPA) Unit C01AP, is now recommended for designation as new System Unit MA-48. The proposed new unit was misidentified by the Service's initial research as being predominantly "otherwise protected." The Coastal Barrier Improvement Act (CBIA) (Pub. L. 101-591) defines "otherwise protected" as an undeveloped coastal barrier within the boundaries of an area established under Federal, State, or local law, or held by a qualified organization (defined

under the Internal Revenue Code (26 U.S.C. 170(h)(3)), primarily for wildlife refuge, sanctuary, recreational, or natural resource conservation purposes. Upon further review, the unit is not part of an established conservation or recreation area, and therefore qualifies for inclusion within a System Unit rather than an OPA.

Recommended New Unit: The area recommended for inclusion within new System Unit MA-48 is not currently within the CBRS

Included within new System Unit MA-48 are the following area(s):

- Cape Hedge, Cape Hedge Beach, Pebble Beach, and associated aquatic habitat
- A minor area of fastland and associated aquatic habitat at the end of South Street east of Cape Hedge Beach that is owned by the Town of Rockport and held for conservation and/or recreation

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-48, Cape Hedge Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	75	6	69		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	75	6	69	0.8	
Net Change	75	6	69	0.8	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C01A, Good Harbor Beach/
Milk Island, Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Essex

Congressional District: 6

Existing Map: The existing CBRS map depicting this unit is:

- Map [027](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-003A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C01A.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C01A were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C01A between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C01A are described as follows.

Recommended Removals:

- Three condominium buildings along Old Nugent Farm Road

Recommended Additions:

- Associated aquatic habitat and minor areas of undeveloped fastland along Good Harbor Beach (owned by the City of Gloucester) and Salt Island
- Wetlands located to the north and northwest of Good Harbor Beach, including a minor area owned by the City of Gloucester

Other Modifications/Information:

- Areas owned by the City of Gloucester and held for conservation and/or recreation are currently within the western segment of System Unit C01A. The City concurred with classifying these areas as System Unit rather than Otherwise Protected Area (OPA).
- Milk Island Sanctuary (owned by the Massachusetts Department of Fish and Game and held for conservation and/or recreation) is currently located within System Unit C01A. The State concurred with classifying this area as System Unit rather than OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C01A, Good Harbor Beach/Milk Island, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	273	46	227	1.2	
Added to the CBRS	45	6	39		0
Removed from the CBRS	1	1	0		3
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	317	51	266	1.7	
Net Change	44	5	39	0.5	(3)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C01B, Brace Cove,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Essex

Congressional District: 6

Existing Map: The existing CBRS map depicting this unit is:

- Map [026A](#) dated July 12, 1996

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-003A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C01B.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)
- Federal Register* notice (62 FR 8258) published on February 24, 1997, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C01B were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C01B between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C01B are described below.

Recommended Removals:

- Undeveloped fastland and three structures along the northeastern side of Brace Cove

Recommended Additions:

- Brace Rock and the portion of Brace Cove not currently within the CBRS

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C01B, Brace Cove, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	60	4	56	1.8	
Added to the CBRS	6	1	5		0
Removed from the CBRS	1	1	0		3
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	65	4	61	1.1	
Net Change	5	0	5	0.3	(3)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-04, West Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Essex

Congressional District: 6

Existing Map: The existing CBRS map depicting this unit is:

- Map [028](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-004A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-04.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-04 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-04 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-04 are described below.

Recommended Removals:

- Two structures along Bridge Street near Chubb Creek
- Two structures along 2nd Avenue

Recommended Additions:

- Minor areas of associated aquatic habitat located along Hale Street

Other Modifications/Information:

- Privately owned areas (mostly wetlands) that are subject to conservation restrictions held by the Essex County Greenbelt Association are currently within System Unit MA-04. The conservation restrictions were placed on the properties before the areas were first included in 1990 within the CBRS. However, these areas are not recommended for reclassification to an Otherwise Protected Area (OPA).
- A portion of a private property that is subject to a conservation restriction held by the Manchester-By-The-Sea Conservation Commission is currently located within Unit MA-04. The conservation restriction was not in place when this area was first included in 1990 within the CBRS. This area is not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-04, West Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	92	36	56	0.8	
Added to the CBRS	1	0	1		0
Removed from the CBRS	8	7	1		4
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	85	29	56	0.7	
Net Change	(7)	(7)	0	(0.1)	(4)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-06, Phillips Beach,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Essex

Congressional District: 6

Existing Map: The existing CBRS map depicting this unit is:

- Map [029](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-004A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on

November 16, 1990 (56 FR 26304), originally established Unit MA-06.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-06 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-06 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-06 are described below.

Recommended Removals:

- Three structures along Palmer Road
- Two structures along Atlantic Road
- Six structures along Phillips Beach Avenue

Other Modifications/Information:

- Palmer Pond (owned by the Town of Swampscott) was held for conservation and/or recreation when the area was first included in 1990 within the CBRS. The Town concurred with maintaining this area as System Unit rather than reclassifying it to an Otherwise Protected Area.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-06, Phillips Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	37	13	24	0.3	
Added to the CBRS	0	0	0		0
Removed from the CBRS	6	5	1		11
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	31	8	23	0.3	
Net Change	(6)	(5)	(1)	0.0	(11)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-08P, Snake Island,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Suffolk

Congressional District: 5, 7

Existing Map: The existing CBRS map depicting this unit is:

- Map [030](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-005A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on

November 16, 1990 (56 FR 26304), originally established Unit MA-08P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-08P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-08P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-08P are described as follows.

Recommended Removals:

- The portions of a privately owned marina that existed in 1990 when the area was first included within the CBRS

Recommended Additions:

- Areas of fastland and associated aquatic habitat that are publicly owned, located west of Crystal Cove along the northern boundary of the unit
- Associated aquatic habitat to the west of Snake Island
- Associated aquatic habitat west of Point Shirley

Other Modifications/Information:

- Modification of the lateral boundaries of the unit to extend farther south into Boston Harbor to help clarify the offshore extent of the OPA

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-08P, Snake Island, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	252	24	228	0.6	
Added to the CBRS	358	6	352		0
Removed from the CBRS	4	1	3		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	606	29	577	0.6	
Net Change	354	5	349	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-09P, Squantum,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Norfolk

Congressional District: 7, 8

Existing Map: The existing CBRS map depicting this unit is:

- Map [030](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-005A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-09P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-09P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-09P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-09P are described below.

Recommended Additions:

- The undeveloped portions of Thompson Island (owned by the

Thompson Island Outward Bound Education Center and part of the Boston Harbor Islands National Recreation Area)

- Portions of Dorchester Bay, associated aquatic habitat along the shoreline, and a small fastland spit in Squaw Rock Park (owned by the City of Quincy)
- A portion of Squantum Marshes (owned by the City of Quincy) that is not already within the unit
- Portions of Marina Bay Conservation Area and Dickinson Waterfront (both owned by the City of Quincy) and Neponset River Reservation (managed by the Massachusetts Department of Conservation and Recreation)
- Minor areas of wetlands that are both privately and publicly owned on the southwest side of the unit

Other Modifications/Information:

- The name of this unit is changed from "Wollaston Beach" to "Squantum" to correctly identify the underlying feature

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-09P, Squantum, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	447	16	431	0.0	
Added to the CBRS	465	93	372		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	912	109	803	1.4	
Net Change	465	93	372	1.4	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-10P, Merrymount Park,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: Otherwise Protected Area (OPA)

County: Norfolk

Congressional District: 8

Existing Map: The existing CBRS map depicting this unit is:

- Map [030](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-005A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on

November 16, 1990 (56 FR 26304), originally established Unit MA-10P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-10P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-10P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-10P are described as follows.

Recommended Additions:

- Undeveloped fastlands and associated aquatic habitat along Black Creek, west of the Furnace Brook Parkway. This area is owned by the Massachusetts Department of Conservation and Recreation and is part of the park system.
- Wetlands in Merrymount Park (owned by the City of Quincy) located along the landward boundary of the unit

Other Modifications/Information:

- Undeveloped areas of fastland and associated aquatic habitat adjacent to Beechwood Knoll Elementary School and Eastern Nazarene College are currently located within OPA Unit MA-10P along the eastern boundary. These areas are designated as OPA because the coastal barrier system is predominantly held for conservation and/or recreation.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-10P, Merrymount Park, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	183	55	128	0.8	
Added to the CBRS	13	8	5		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	196	63	133	0.8	
Net Change	13	8	5	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C01C, West Head Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Suffolk

Congressional District: 7

Existing Map: The existing CBRS map depicting this unit is:

- Map [031](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-005A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C01C.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C01C were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C01C between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit C01C are described below.

Recommended Additions:

- Minor portions of Long Island (owned by the City of Boston and part of the Boston Harbor Islands National Recreation Area)

Other Modifications/Information:

- A portion of Long Island (owned by the City of Boston and part of the Boston Harbor Islands National Recreation Area) is currently included within System Unit C01C. This area is not recommended for reclassification to an Otherwise Protected Area because it was acquired for conservation and/or recreation after the area was included within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C01C, West Head Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	17	4	13	0.3	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	17	4	13	0.3	
Net Change	0	0	0	0.1	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C01CP, West Head Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new
Otherwise Protected Area (OPA)

County: Suffolk

Congressional District: 7

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-005A](#) dated December 18, 2020

Base Map Imagery Source and Date:
United States Department of
Agriculture, National Agriculture
Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C01CP were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C01CP between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit C01CP is not currently within the CBRS

Included within new OPA Unit C01CP are the following area(s):

- Portion of Long Island around Bass Point (owned by the City of Boston and part of the Boston Harbor Islands National Recreation Area)

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C01CP, West Head Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	18	12	6		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	18	12	6	0.4	
Net Change	18	12	6	0.4	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-11, Peddocks/Rainsford Islands, Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Plymouth, Suffolk

Congressional District: 7, 8

Existing Map: The existing CBRS map depicting this unit is:

- Map [031](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-005A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-11.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

The Service received comments specific to Unit MA-11.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit MA-11 between proposed and final recommended are described below:

- The portion of Peddocks Island currently within existing System Unit MA-11 had not been proposed for reclassification to an Otherwise Protected Area (OPA). During the comment period, the Massachusetts Department of Conservation and Recreation (MA DCR) requested that the state owned Peddocks Island be reclassified to an OPA. The boundary and unit type classification have been modified to include the Island within recommended new OPA Unit MA-11P rather than Unit MA-11.

Final Recommended Changes:

The final recommended changes to Unit MA-11 are described below.

Recommended Reclassifications:

- From System Unit MA-11 to recommended new OPA Unit MA-11P: Portions of Peddocks Island (owned by the MA DCR and part of the Boston Harbor Islands National Recreation Area), including about 25 structures

Other Modifications/Information:

- Modification of the northern boundary to clarify the offshore extent of the unit
- Rainsford Island (owned by the City of Boston and part of the Boston Harbor Islands National Recreation Area) is currently located within Unit MA-11, but is not recommended for reclassification to an OPA because the island was not held for conservation and/or recreation when it was first included in 1990 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-11, Peddocks/Rainsford Islands, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	1,545	86	1,459	2.0	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	(610)	(71)	(539)		(25)
Final Recommended Unit	935	15	920	0.0	
Net Change	(610)	(71)	(539)	(2.0)	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-11P, Peddocks/
Rainsford Islands, Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Plymouth

Congressional District: 8

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-005A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area

of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

The Service received comments specific to Unit MA-11P.

Changes between Proposed and Final Recommended Boundaries: The changes to Unit MA-11P between proposed and final recommended are described below:

- This recommended new unit has been created in response to a comment received during the public comment period. The areas now recommended for reclassification to recommended new OPA Unit MA-11P were previously proposed to remain in System Unit MA-11.

Recommended New Unit: The area recommended for inclusion within new OPA Unit MA-11P is entirely within the boundaries of existing System Unit MA-11, which was established by the Coastal Barrier Improvement Act (Pub. L. 101-591 enacted on November 16, 1990). The areas within this unit are recommended for reclassification from a System Unit to an OPA.

Included within new OPA Unit MA-11P are the following area(s):

- Portions of Peddocks Island (owned by the Massachusetts Department of Conservation and Recreation (MA DCR) and part of the Boston Harbor Islands National Recreation Area), including about 25 structures

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-11P, Peddocks/Rainsford Islands, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	610	71	539		25
Final Recommended Unit	610	71	539	2.0	
Net Change	610	71	539	2.0	25

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit MA-12, Cohasset Harbor, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Norfolk, Plymouth

Congressional District: 8

Existing Map: The existing CBRS map depicting this unit is:

- Map [032](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-006A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-12.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through

July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-12 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit MA-12 between proposed and final recommended are described below:

- A minor modification has been made to the landward boundary to better fit the updated base map imagery

Final Recommended Changes:

The final recommended changes to Unit MA-12 are described below.

Recommended Removals:

- Areas of undeveloped fastland comprising portions of the Hatherly Country Club golf course, located along the southern boundary of the unit

Recommended Additions:

- One privately owned residential structure located within the The Glades on Scituate Neck to the west of Glades Road
- Minor areas of wetlands located along the eastern and southern boundary of the unit, some of which are owned by the Town of Scituate for conservation and/or recreation

- Small areas of associated aquatic habitat near White Head and Windmill Point

Other Modifications/Information:

- Areas owned by the Town of Scituate and held for conservation/and or recreation are included within System Unit MA-12. The Town concurred with classifying these areas as System Unit rather than Otherwise Protected Area.
- Several segments of the eastern and southern existing boundary of the unit that follow the interface between wetlands and fastland have been modified to correct administrative errors in the transcription of the boundary from the draft map that was included in the Service's 1988 Report to Congress: Volume 3, Massachusetts, and was reviewed and approved by Congress, to the official CBRS map dated October 24, 1990, for this unit. These errors likely occurred due to the fact that the boundary shown on the draft map that was approved by Congress had to be transcribed onto a new base map in 1990 in order to create the official map for the unit, and the new base map was a black and white copy of the U. S. Geological Survey topographic quadrangle that did not clearly depict many of the geomorphic features that the boundary was intended to follow.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-12, Cohasset Harbor, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	723	59	664	0.8	
Added to the CBRS	9	1	8		1
Removed from the CBRS	2	2	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	730	58	672	0.8	
Net Change	7	(1)	8	0	1

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C02P, North Scituate, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Plymouth

Congressional District: 8

Existing Map: The existing CBRS map depicting this unit is:

- Map [032](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-006A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established this unit as System Unit C02.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

The Service received comments specific to Unit C02P.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit C02P between proposed and final recommended are described below:

- Minor modifications have been made to the landward boundary to better fit the updated base map imagery

Final Recommended Changes: The final recommended changes to Unit C02P are described below.

Recommended Additions:

- Portions of Musquashcut Pond, Musquashcut Brook, and adjacent wetlands, including privately owned areas not held for conservation and/or recreation

- Tibbets Marsh of Hathaway (a conservation area owned by the Town of Scituate)
- The undeveloped portions of Mann Hill Beach and associated aquatic habitat, including privately owned areas not held for conservation and/or recreation
- Undeveloped portions of Egypt Beach and associated aquatic habitat (owned by the Town of Scituate and held for conservation and/or recreation)

Recommended Reclassifications:

- From System Unit C02 to recommended OPA Unit C02P: The entirety of existing System Unit C02, which includes the undeveloped portion of Musquashcut Pond barrier beach (owned by the Town of Scituate and held for conservation and/or recreation), is recommended for reclassification to proposed OPA Unit C02P because the coastal barrier system is predominantly held for conservation and/or recreation. There is no separate unit summary for Unit C02.
- From System Unit C02 to recommended OPA Unit C02P: Musquashcut Pond, including privately owned areas not held for conservation and/or recreation and one accessory structure adjacent to the pond

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C02P, North Scituate, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	183	10	173		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	83	6	77		1
Final Recommended Unit	266	16	250	0.8	
Net Change	266	16	250	0.8	1

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C03, Rivermoor, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Plymouth

Congressional District: 8, 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [033](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-006A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C03.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System*.

Hurricane Sandy Remapping Project. All of the comments received during the comment period are reprinted in appendix L.

The Service received comments specific to Unit C03.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit C03 between proposed and final recommended are described below:

- Portions of the landward boundary in the southern end of Unit C03 have been modified to buffer (i.e., leave space between the boundary and the feature it is intended to follow) along Central Avenue, which results in minor removals of fastland and associated aquatic habitat from the unit

Minor modifications have been made to the boundary to better fit the updated base map imagery

Final Recommended Changes: The final recommended changes to Unit C03 are described below.

Recommended Removals:

- One condominium building along Ladds Way
- Four structures located on New Driftway along the Herring River
- One structure located along Captain Luther Little Way

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat on the western side of the spit between Fourth Cliff and Humarock, located to the north of the Marshfield Avenue bridge
- Wetlands located along Littles Creek
- Wetlands in North River Marsh located near the Herring River, Bartletts Island, and Macomers Creek
- Minor areas of wetlands in the North River Marsh located along the northern boundary of the unit that are owned by the Town of Scituate and held for conservation and/or recreation

- A minor area of wetlands located along the North River that is within the North River Wildlife Sanctuary (owned by the Massachusetts Audubon Society)

Other Modifications/Information:

- Areas owned by the Town of Scituate and held for conservation and/or recreation are included within System Unit C03. The Town concurred with classifying these areas as System Unit rather than Otherwise Protected Area (OPA).
- Areas owned by the Town of Marshfield and held for conservation and/or recreation are currently within System Unit C03. The Town concurred with classifying these areas System Unit rather than OPA.
- English Salt Marsh Wildlife Management Area (held for conservation and/or recreation by the Massachusetts Department of Fish & Game) is currently located within System Unit C03. This area is not recommended for reclassification to an OPA because it was acquired for conservation and/or recreation after the area was included within the CBRS.
- Areas that are held for conservation and/or recreation by the Massachusetts Audubon Society are currently located within System Unit C03. The Audubon Society properties within the unit include both areas that were held for conservation and/or recreation prior to and after the inclusion of the areas within the CBRS. The Service sought input from the Audubon Society; however, the Service did not receive a response on whether it concurs or not with maintaining these areas within the CBRS as a System Unit during either the stakeholder outreach phase of the project or the public comment period. A 1985 letter from the Massachusetts Audubon Society in the Service's records supported the proposed expansion of the CBRS and welcomed the additional protections for the areas they owned that were included within the CBRS. Therefore, no changes have been made to these areas. Areas conserved after inclusion within a System Unit are generally not recommended for reclassification to an OPA.

- Undeveloped portions of Fourth Cliff Family Recreation Area (owned by the U.S. Air Force and affiliated with Hanscom Air Force Base), located at the northern end of Humarock Beach, are included within Unit C03
- Modification of the boundary of the unit to buffer land (i.e., leave space between the boundary and the feature it is intended to follow) along

Central Avenue, which results in minor removals of fastland and associated aquatic habitat from the unit

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Technical Correction Assessment:
The Service has completed a Technical Correction Assessment to address a request that was received to determine whether a mapping error exists for a specific area within this unit. The assessment can be found on page D-51 in appendix D of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Acreage, Shoreline, and Structure Information for Unit C03, Rivermoor, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	2,064	94	1,970	0.8	
Added to the CBRS	41	6	35		0
Removed from the CBRS	2	2	0		6
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	2,103	98	2,005	0.8	
Net Change	39	4	35	0.0	(6)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

Technical Correction Assessment for Property on Ladd's Way in CBRS Unit C03

C03

Overview

The John H. Chafee Coastal Barrier Resources System (CBRS) is depicted on a set of maps that is maintained by the U.S. Fish and Wildlife Service (Service). Aside from three minor exceptions, only legislation enacted by Congress can modify the CBRS maps. A "technical correction" is a correction to a CBRS map to fix a legitimate mapping error. The Service receives numerous requests from property owners and other interested parties who seek to remove areas from the CBRS based on an alleged technical mapping error. The Service considers a technical mapping error to be a mistake in the delineation of the CBRS boundaries that was made as a result of incorrect, outdated, or incomplete information (often stemming from inaccuracies on the original base maps).

The Service generally does not recommend removal of areas from the CBRS unless there is clear and compelling evidence that a technical mapping error led to their inclusion within the CBRS. In order to determine whether a technical mapping error exists, the Service conducts a comprehensive review of the history of the CBRS unit in question which generally includes an assessment of the Service's background records for the unit, the controlling and historical CBRS maps of the area, the historical development status of the area, aerial imagery, and any materials submitted by property owners and other interested parties. When the Service determines that a technical correction to a map is warranted, we prepare a new comprehensively modernized map for the area. The updated map becomes effective only if adopted through legislation enacted by Congress.

The Service was first contacted in 2017 by a private property owner who sought to remove 1-10 Ladd's Way, a condominium building of The Condominiums at James Landing, located in Scituate, Massachusetts, from CBRS Unit C03. The property owner asserts 1-10 Ladd's Way was included within the CBRS in error.

Service Findings

The Service has carefully assessed all of the information provided by the party indicated above as well as the materials that are typically reviewed as part of a technical correction assessment. The Service found that 1-10 Ladd's Way is appropriate for removal from the CBRS. The Coastal Barrier Resources Act (CBRA) development criteria and the Service's findings related to this technical correction assessment are explained in further detail below. Additional areas recommended for removal from this unit are listed in the Summary of Final Recommended Changes for Unit C03.

CBRA Development Criteria and CBRS Boundary Intent

CBRA requires that the Service consider the following criteria in determining whether a coastal barrier was undeveloped at the time of inclusion within the CBRS: (A) the density of development was less than one structure per five acres of land above mean high tide; and (B) there was existing infrastructure consisting of (i) a road, with a reinforced road bed, to each lot or building site in the area; (ii) a wastewater disposal system sufficient to serve each lot or building site in the area; (iii) electric service for each lot or building site in the area; and (iv) a fresh water supply for each lot or building site in the area. When assessing whether an area may be appropriate for removal, the Service also considers the location of geomorphic, cultural, and development features on the ground at the time the area was included within the CBRS (i.e., whether the CBRS boundary lines on the maps precisely follow the underlying features they were intended to follow on the ground).

The Service's review of the area where 1-10 Ladd's Way is located found that there were no structures on the ground in 1990 when this area was first included within the CBRS. However, 1-10 Ladd's Way is appropriate for removal from the CBRS because the boundary in the area where the structure is located was intended to follow the wetland/fastland interface, and the location of this interface as it existed at the time was not depicted correctly on the 1974 U.S. Geological Survey topographic quadrangle that was used as the base map for the October 24, 1990, CBRS map. Because it was determined that the CBRS boundary did not accurately follow the underlying features it was intended to follow on the ground in this area, a review of density and infrastructure was not needed.

¹ The administrative authority of the Service to make changes to the CBRS boundaries is limited to changes made as a result of natural forces (such as erosion and accretion), voluntary additions by property owners, and additions of excess property to the CBRS (16 U.S.C. 3503).

² Coastal Barrier Resources, U.S. Code 16 (2018), § 3503(g)(1).

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C03A, Rexhame,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Plymouth

Congressional District: 8, 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [033](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-007A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C03A.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Federal Register notice (48 FR 17406) published on April 22, 1983, in accordance with Section 4(c)(1) of Pub. L. 97-348
- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C03A were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C03A between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C03A are described below.

Recommended Additions:

- Portions of South River and associated aquatic habitat along the northern and southern boundary of the unit and a small fastland island, some of which is owned by the Town of Marshfield and held for conservation and/or recreation

Other Modifications/Information:

- Modification of the lateral boundaries of the unit to follow the existing break-in-development (i.e., where development ends, either immediately adjacent to the last structure in a cluster of structures or at the property parcel boundary of the last structure) at the south end of Humarock Beach and at Rexhame Beach. This modification results in some minor additions of undeveloped fastland.
- Rexhame Beach, owned by the Town of Marshfield and held for conservation/and or recreation, is included within System Unit C03A. The Town concurred with classifying the beach it owns as System Unit rather than Otherwise Protected Area.

For information about the Service's methodology for assessing CBRS boundary modifications through the *Hurricane Sandy Remapping Project*, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C03A, Rexhame, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	139	40	99	0.3	
Added to the CBRS	241	7	234		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	380	47	333	0.4	
Net Change	241	7	234	0.1	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-13, Duxbury Beach,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Plymouth

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map 034 dated October 24, 1990

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-007A](#) dated December 18, 2020
- Draft map [25-008A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit MA-13.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a

summary of the comments received and the Service's responses, see chapter 3 and appendix C of the [2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project](#). All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-13 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-13 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-13 are described below.

Recommended Removals:

- One structure along Herbert Street on Gurnet Point
- One structure and fastland located along the waterfront at Long Point Marine
- Undeveloped fastland located on the mainland near Metcalf Way to the north of Eagles Nest Bay

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat at Saquish Head and on Saquish Neck
- Associated aquatic habitat along the shoreline of Gurnet Point
- Associated aquatic habitat near the mouth of the Bluefish River (including a minor area owned by the Duxbury Rural and Historical Society and held for conservation and/or recreation) and in the vicinity of Eagles Nest Bay
- A minor privately owned area of wetlands that is subject to a conservation restriction, located along the landward side of the unit to the south of Eagles Nest Bay
- Associated aquatic habitat along the landward boundary of the unit including minor portions of wetlands (parts of Landing Road Landing and Bay Farm Conservation Area) owned by the Town of Duxbury and held for conservation and/or recreation

- Associated aquatic habitat in Duxbury Bay along the shoreline of Powder Point

Recommended Reclassifications:

- From System Unit MA-13 to recommended new Otherwise Protected Area (OPA) Unit MA-13P: Fastland and associated aquatic habitat along Duxbury Beach that is managed for conservation and/or recreation by Duxbury Beach Reservation, Inc. and the Duxbury Rural and Historical Society for conservation and/or recreation, including two structures
- From System Unit MA-13 to recommended new OPA Unit MA-13P: Powder Point Bridge
- From System Unit MA-13 to recommended new OPA Unit MA-13P: Associated aquatic habitat in and around Duxbury Marsh, which includes several areas held for conservation and/or recreation by the Town of Duxbury, the Town of Marshfield, Back River Watershed Association, and Wildlands Trust
- From System Unit MA-13 to recommended new OPA Unit MA-13P: Privately owned areas (mostly wetlands) in several locations throughout Duxbury Marsh and along Back River that are subject to conservation restrictions
- From System Unit MA-13 to recommended new OPA Unit MA-13P: Privately owned areas (mostly wetlands) in several locations throughout Duxbury Marsh and along Back River that are not held for conservation and/or recreation (including about four structures)

Other Modifications/Information:

- Areas owned by the Town of Duxbury (Shipyard Lane Beach and Hicks Point Landing) and held for conservation and/or recreation are currently included within System Unit MA-13. The Town concurred with classifying these areas as System Unit rather than OPA.
- An area owned by the Town of Kingston (part of Grays Beach Park) and held for conservation and/or recreation is currently within System Unit MA-13. The Town concurred with classifying these areas as System Unit rather than OPA.

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- Portions of private properties with conservation restrictions are currently within System Unit MA-13 along the shoreline of Kingston Bay. These areas are not recom-

mended for reclassification to an OPA because they are minor or the conservation restrictions were not in place when these areas were first included within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-13, Duxbury Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	9,738	175	9,563	5.8	
Added to the CBRS	75	23	52		0
Removed from the CBRS	2	1	1		2
Reclassified Area ⁵	(1,635)	(139)	(1,496)		(6)
Final Recommended Unit	8,176	58	8,118	1.3	
Net Change	(1,562)	(117)	(1,445)	(4.5)	(8)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-13P, Duxbury Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new
Otherwise Protected Area (OPA)

County: Plymouth

Congressional District: 9

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-007A](#) dated December 18, 2020
- Draft map [25-008A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see

chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

The Service received comments specific to Unit MA-13P.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-13P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit MA-13P is mostly within the boundaries of existing System Unit MA-13, which was established by the Coastal Barrier Improvement Act (Pub. L. 101-591 enacted on November 16, 1990). The areas within this recommended new unit that are currently within Unit MA-13 are recommended for reclassification from a System Unit to an OPA. The remaining areas within this proposed new OPA are not currently within the CBRS.

Included within new OPA Unit MA-13P are the following area(s):

- Fastland and associated aquatic habitat along Duxbury Beach that is managed for conservation and/

or recreation by Duxbury Beach Reservation, Inc. and the Duxbury Rural and Historical Society, including three structures

- Associated aquatic habitat in and around Duxbury Marsh, which includes several areas held for conservation and/or recreation by the Town of Duxbury, the Town of Marshfield, Back River Watershed Association, and Wildlands Trust
- Privately owned areas (mostly wetlands) in several locations throughout Duxbury Marsh and along Back River that are subject to conservation restrictions
- Privately owned areas (mostly wetlands) in several locations throughout Duxbury Marsh and along Back River that are not held for conservation and/or recreation (including about four structures)
- One privately owned residential structure located entirely within the aquatic habitat along Back River
- Powder Point Bridge Landing (owned by the Town of Duxbury and held for conservation and/or recreation) and Powder Point Bridge

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-13P, Duxbury Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	73	14	59		2
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	1,635	139	1,496		6
Final Recommended Unit	1,708	153	1,555	4.8	
Net Change ⁶	1,708	153	1,555	4.8	8

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C04, Plymouth Bay, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Plymouth

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [034](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-008A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C04.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C04 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C04 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C04 are described below.

Recommended Removals:

- Two marinas in Plymouth Harbor and a parking lot located south of the Plymouth Breakwater

- Development on the Plymouth Harbor waterfront along Union Street

Recommended Additions:

- Associated aquatic habitat along the landward boundary of the unit, including minor areas of beach and wetlands within Nelson Memorial Park (owned by the Town of Plymouth)

Other Modifications/Information:

- Areas owned by the Town of Plymouth (Plymouth Long Beach and Nelson Memorial Park) and held for conservation and/or recreation are included within System Unit C04. The Town concurred with classifying these areas as System Unit rather than Otherwise Protected Area.
- Minor areas of beach along Plymouth Harbor owned by The Trustees of Reservations (a conservation organization) are currently within System Unit C04. A September 9, 1985, letter from The Trustees states that they support inclusion of all areas meeting the criteria within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C04, Plymouth Bay, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	2,567	89	2,478	3.3	
Added to the CBRS	27	5	22		0
Removed from the CBRS	29	4	25		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	2,565	90	2,475	3.4	
Net Change	(2)	1	(3)	0.1	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C06, Center Hill Complex,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Plymouth

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [035](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-009A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C06.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C06 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C06 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C06 are described below.

Recommended Removals:

- One structure along Fisherman's Lane on the northeast side of Ship Pond
- One structure along Lookout Point Road, south of Shifting Lots Preserve

Recommended Additions:

- Small areas of wetlands around Ship Pond (including a minor portion of an area held for conservation and/or recreation by the Town of Plymouth)
- An area of mostly wetlands on the west side of the southern segment of Center Hill Pond
- Undeveloped fastland and associated aquatic habitat in the vicinity of Lookout Point

Other Modifications/Information:

- Portions of Center Hill Preserve (owned by the Town of Plymouth and held for conservation and/or recreation) are currently located within System Unit C06, but are not recommended for reclassification to an Otherwise Protected Area (OPA) because the Preserve was created after the area was first included in 1982 within the CBRS
- Portions of Ellisville Harbor State Park are currently located within Unit C06, but are not recommended for reclassification to an OPA because the State Park was created after the area was first included in 1982 within the CBRS
- Most of Shifting Lots Preserve and portions of Eyster Sanctuary (both owned by Wildlands Trust (a conservation organization)) are currently located within Unit C06, but are not recommended for reclassification to an OPA because the Preserve and Sanctuary were created after the unit was established

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C06, Center Hill Complex, Massachusetts

	<i>Total Acres</i>	<i>Farmland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	140	25	115	1.2	
Added to the CBRS	11	3	8		0
Removed from the CBRS	0	0	0		2
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	151	28	123	1.4	
Net Change	11	3	8	0.2	(2)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-38P, Scusset Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new
Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-009A](#) dated December 18, 2020

Base Map Imagery Source and Date:
United States Department of
Agriculture, National Agriculture
Imagery Program, 2018

Public Comments: The U.S. Fish
and Wildlife Service (Service) held
a 120-day public comment period on

the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-38P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-38P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit MA-38P is not currently within the CBRS

Included within new OPA Unit MA-38P are the following area(s):

- The majority of Scusset Beach State Reservation (managed by the Massachusetts Department of Conservation and Recreation), including about four park structures
- Portions of wetlands held for conservation and/or recreation (owned by the Town of Bourne and the Town of Sandwich) in the vicinity of Bass Creek
- Undeveloped fastland and associated aquatic habitat that are both privately and publicly owned and not held for conservation and/or recreation, located along Bass Creek and the south side of Cape Cod Canal
- A portion of the Cape Cod Canal

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-38P, Scusset Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	809	350	459		4
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	809	350	459	0.9	
Net Change	809	350	459	0.9	4

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-14P, Town Neck,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [036](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-009A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-14P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-14P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-14P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-14P are described below.

Recommended Additions:

- Areas held for conservation and/or recreation (owned by the Town of Sandwich), located east of Springhill Creek

- Associated aquatic habitat that is both privately and publicly owned and not held for conservation and/or recreation, located along Mill Creek, Old Harbor Creek, and Springhill Creek
- Two small areas of fastland, one located south of Salt Marsh Road and the other east of Freeman Street

Other Modifications/Information:

- Modification of the boundary of the unit to better follow the wetland/fastland interface, which results in minor removals of fastland from the unit
- Fastland and associated aquatic habitat that are both privately and publicly owned and not held for conservation and/or recreation, along Mill Creek, Dock Creek, Old Harbor Creek, and Springhill Creek, are currently located within OPA Unit MA-14P. These areas are designated as OPA because the coastal barrier system is predominantly held for conservation and/or recreation.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>

Acreage, Shoreline, and Structure Information for Unit MA-14P, Town Neck, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	591	59	532	1.0	
Added to the CBRS	142	8	134		0
Removed from the CBRS	1	1	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	732	66	666	1.0	
Net Change ⁶	141	7	134	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C08, Scorton, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [036](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-010A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C08.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C08 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C08 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C08 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat landward of Torrey Beach
- Associated aquatic habitat along Long Creek between Ploughed Neck Road and Scorton Creek
- Areas that are held for conservation and/or recreation by the Town of Sandwich (including portions of Murkwood Conservation Area and Abrams Island Conservation Area)
- Minor areas of associated aquatic habitat along Craver Creek in the vicinity of Marshview Circle located on private property with a conservation restriction (held by the Sandwich Conservation Trust)
- Minor portions of Scorton Creek Access (owned by the Massachusetts Department of Fish and Game

and held for conservation and/or recreation)

Other Modifications/Information:

- Portions of Murkwood Conservation Area (owned by the Town of Sandwich) are currently located within System Unit C08. Other areas that are owned by the Town of Sandwich and held for conservation and/or recreation (including portions of Murkwood Conservation Area and Abrams Island Conservation Area) are recommended for addition within Unit C08. The Town concurred with classifying these areas as System Unit rather than Otherwise Protected Area (OPA).
- Portions of private property with a conservation restriction (held by the Sandwich Conservation Trust) are currently located within System Unit C08 along Craver Creek in the vicinity of Marshview Circle. These areas are not recommended for reclassification to an OPA because the conservation restriction was not in place when these areas were first included within the CBRS.
- Portions of Scorton Creek Access are currently located within System Unit C08 but are not recommended for reclassification to OPA because the area was not held for conservation and/or recreation when it was first included within the CBRS
- Minor portions of an area owned by the Sandwich Conservation Trust are currently located within System Unit C08. These areas are not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C08, Scorton, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	225	44	181	0.8	
Added to the CBRS	81	25	56		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	306	69	237	0.8	
Net Change	81	25	56	0.1	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C09, Sandy Neck,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [037](#) dated October 24, 1990
- Map [040](#) dated October 24, 1990

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-010A](#) dated December 18, 2020
- Draft map [25-011A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C09.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see

chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C09 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C09 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C09 are described below.

Recommended Removals:

- One structure along Main Street north of its intersection with High Street
- One structure along Davidson Lane

Recommended Additions:

- One cottage located along Navigation Lane that is surrounded by wetlands
- Several areas of associated aquatic habitat along the southern shoreline of Barnstable Harbor, including several small undeveloped fastland pockets
- Several small areas of wetlands along the landward boundary of the unit on the west and south side of the Great Marshes
- Associated aquatic habitat along Mill Creek and Halletts Mill Pond
- Minor areas of wetlands on two private properties with conservation restrictions (held by the Barnstable Land Trust) and on several conservation and/or recreation areas (owned by the Town of Sandwich, the Town of Yarmouth, the Town of Barnstable, the Barnstable Land Trust, the Yarmouth Conservation Trust, and the Massachusetts Audubon Society)

Recommended Reclassifications:

- From System Unit C09 to Otherwise Protected Area (OPA) Unit C09P: Three small areas of Sandy Neck Beach Park (owned by the Town of Barnstable) located along the coincident boundary of Units

C09 and C09P, including one structure

- From OPA Unit C09P to System Unit C09: Areas of fastland and wetlands along Marsh Trail that are not within Sandy Neck Beach Park and are located along the coincident boundary of Units C09 and C09P
- From OPA Unit MA-15P to System Unit C09: A portion of Chase Garden Creek (to include the entire width of the channel within the System Unit)

Other Modifications/Information:

- Areas owned by the Town of Sandwich and held for conservation and/or recreation (including portions of Scorton Neck Conservation Area) are currently located within System Unit C09. The Town concurred with classifying these areas as System Unit rather than OPA.
- Portions of Sandy Neck Beach Park at the eastern end of the spit, portions of the Great Marshes Conservation Area south of Scorton Creek, and other areas that are held for conservation and/or recreation (all owned by the Town of Barnstable) are currently located within System Unit C09. Although these areas were held for conservation and/or recreation before they were included within the CBRS, they are not recommended for reclassification to an OPA. Letters from the Town, dated 1982 and 1987, that are in the Service's records support the mapping of these areas within the System Unit.
- Portions of the Great Marshes Conservation Area (owned by the Town of Barnstable) along Sandy Neck are currently located within System Unit C09; however, they are not recommended for reclassification to an OPA because these areas were not held for conservation and/or recreation when they were first included within the CBRS
- Several areas within the Great Marshes south of Scorton Creek (owned by the Town of Barnstable and held for conservation and/or recreation) are currently located within System Unit C09; however, they are not recommended for reclassification to an OPA because these areas were not held for conservation and/or recreation when

they were first included in 1990 within the CBRS

- Portions of the Barnstable Great Marsh Wildlife Sanctuary, Long Pasture Wildlife Sanctuary, and properties along Rendezvous Lane and Indian Trail (all owned by the Massachusetts Audubon Society) are currently located within System Unit C09. These areas were held for conservation and/or recreation both prior to and after the areas were included in 1990 within the CBRS. The Service sought input from the Audubon Society; however, the Service did not receive a response on whether it concurs or not with maintaining these areas within the CBRS as System Unit during either the stakeholder outreach phase of the project or the public comment period. A 1985 letter from the Massachusetts Audubon Society in the Service's records supported the proposed expansion of the CBRS and welcomed the additional protections for the areas they owned that were included within the CBRS. Therefore, the areas owned by the Massachusetts Audubon Society

are not recommended for reclassification to an OPA.

- Portions of wetlands that are held for conservation and/or recreation (owned by the Barnstable Land Trust, the Yarmouth Conservation Trust, and the Orenda Wildlife Land Trust) are currently located within Unit C09, but are not recommended for reclassification to an OPA. These areas were acquired by the Trusts after they were first included within the CBRS.
- Portions of Barnstable Harbor Access (owned by the Massachusetts Department of Fish and Game (MA DFG) and held for conservation and/or recreation) are currently located within System Unit C09. The MA DFG concurred with maintaining these areas as System Unit rather than reclassifying them to OPA.
- Areas of wetlands owned by the Town of Yarmouth and held for conservation and/or recreation are currently located within System Unit C09. The Town concurred with maintaining these areas as System

Unit rather than reclassifying them to OPA.

- Most of Chase Garden Creek Wildlife Management Area (owned by the MA DFG) is currently located within System Unit C09. The Wildlife Management Area is not recommended for reclassification to an OPA because it was created after the area was included in 1990 within the CBRS.
- An area owned by The Nature Conservancy (TNC) on the east end of Sandy Neck is currently located within System Unit C09. This area is not recommended for reclassification to an OPA because it was acquired by TNC after it was included in 1990 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C09, Sandy Neck, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	7,667	346	7,321	3.4	
Added to the CBRS	155	18	137		1
Removed from the CBRS	3	3	0		2
Reclassified Area ⁵	61	8	53		(1)
Final Recommended Unit	7,880	369	7,511	3.5	
Net Change	213	23	190	0.1	(2)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C09P, Sandy Neck,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [037](#) dated October 24, 1990

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-010A](#) dated December 18, 2020
- Draft map [25-011A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit C09P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C09P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C09P between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit C09P are described below.

Recommended Reclassifications:

- From System Unit C09 to OPA Unit C09P: Three small areas of Sandy Neck Beach Park (owned by the Town of Barnstable) located along the coincident boundary of Units C09 and C09P, including one structure
- From OPA Unit C09P to System Unit C09: Areas of fastland and wetlands along Marsh Trail that are not within the Sandy Neck Beach Park and are located along the coincident boundary of Units C09 and C09P

Other Modifications/Information:

- Modification of the southern landward boundary of the unit to align with the boundary of Sandy Neck Beach Park

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C09P, Sandy Neck, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	1,205	965	240	4.6	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	(4)	(6)	2		1
Final Recommended Unit	1,201	959	242	4.6	
Net Change	(4)	(6)	2	0.0	1

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-15P, Chapin Beach,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [040](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-011A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-15P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-15P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-15P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-15P are described below.

Recommended Additions:

- Areas of undeveloped fastland and wetlands (owned by the Town of Dennis and the Dennis Conservation Trust and held for conservation and/or recreation), located along

the northern boundary of the unit and along Chase Garden Creek from approximately the Dennis/Yarmouth corporate limits to New Boston Road

- Wetlands that are not held for conservation and/or recreation, located along the northern boundary of the unit and along Chase Garden Creek from approximately the Dennis/Yarmouth corporate limits to New Boston Road

Recommended Reclassifications:

- From OPA Unit MA-15P to System Unit C09: A portion of Chase Garden Creek (to include the entire width of the channel within the System Unit)

Other Modifications/Information:

- The existing OPA contains areas that are privately owned and are not held for conservation and/or recreation. These areas are not recommended for reclassification to a System Unit because the coastal barrier system is predominantly held for conservation and/or recreation.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-15P, Chapin Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	620	82	538	1.0	
Added to the CBRS	65	5	60		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	(57)	(2)	(55)		0
Final Recommended Unit	628	85	543	1.0	
Net Change ⁶	8	3	5	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-16, Nobscurset,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [040](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-012A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on

November 16, 1990 (56 FR 26304), originally established Unit MA-16.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-16 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-16 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-16 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat to the east and west of the existing System Unit, between Nobscurset Harbor and Sesuit Harbor

Other Modifications/Information:

- Portions of private properties that have conservation restrictions (held by the Dennis Conservation Trust) are currently located within Unit MA-16 in the vicinity of Shiverick Pond north of Sesuit Neck Road. These areas are not recommended for reclassification to an Otherwise Protected Area because the conservation restrictions were not in place when these areas were first included in 1990 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information Unit MA-16, Nobscurset, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	20	11	9	0.3	
Added to the CBRS	15	8	7		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	35	19	16	0.7	
Net Change ⁶	15	8	7	0.4	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C10, Freemans Pond,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [040](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-012A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C10.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C10 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C10 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C10 are described below.

Recommended Additions:

- Small areas of fastland and associated aquatic habitat along Stony Brook west of Paines Creek Road and along Quivett Creek north of Main Street
- Areas owned by the Cape Cod Museum of Natural History and

held for conservation and/or recreation. The Museum concurred with classifying these areas as System Unit rather than Otherwise Protected Area (OPA).

- Two minor areas owned by the Brewster Conservation Trust and a minor area owned by the Town of Dennis and held for conservation and/or recreation along Quivett Creek

Other Modifications/Information:

- Areas owned by the Town of Brewster and held for conservation and/or recreation are included within System Unit C10. The Town concurred with classifying the conservation and/or recreation areas it owns as System Unit rather than OPA.
- Portions of Crowes Pasture, Quivett Creek Marsh, and Paines Creek Marsh Conservation Areas (owned by the Town of Dennis) are currently located within Unit C10, but are not recommended for reclassification to an OPA because these areas were not held for conservation and/or recreation when they were first included in 1982 within the CBRS

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C10, Freemans Pond, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	418	92	326	1.6	
Added to the CBRS	62	11	51		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	480	103	377	1.6	
Net Change	62	11	51	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-19P, Provincetown,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [043](#) dated October 24, 1990
- Map [044](#) dated October 24, 1990

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-013A](#) dated December 18, 2020
- Draft map [25-014A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-19P.

Historical Changes: There have been no changes to the CBRS maps for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

The Service received comments specific to Unit MA-19P.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit MA-19P between proposed and final recommended are described below:

- The following areas are no longer recommended for addition to Unit MA-19P: the undeveloped portions of the municipal sewage treatment facility parcel; most portions of Route 6; and most of the area south of Route 6 (including the site of a future police station and the municipal water tower parcel)

Final Recommended Changes:

The final recommended changes to Unit MA-19P are described below.

Recommended Additions:

- Portions of Cape Cod National Seashore (owned by the U.S. National Park Service), including one associated auxiliary structure at Head of the Meadow Beach

- Clapps Pond Wildlife Management Area and Provincetown Corridor Wildlife Management Area (both owned by the Massachusetts Department of Fish and Game)
- Clapps Pond and Duck Pond Conservation Area and a portion (mainly wetlands) of B Street Garden and Conservation Park (all owned by the Town of Provincetown and held for conservation and/or recreation)
- Most of the Shank Painter Pond Wildlife Sanctuary (owned by the Provincetown Conservation Trust and the Town of Provincetown)
- Dunes Edge Campground (owned by the Massachusetts Land Conservation Trust, Inc., and managed by The Trustees of Reservations), including about four associated structures
- Undeveloped fastland and wetlands that are privately owned and not held for conservation and/or recreation, located along Shank Painter Pond
- Undeveloped fastland and wetlands that are publicly owned and not held for conservation and/or recreation, located along Route 6 in the vicinity of Pilgrim Lake

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-19P, Provincetown, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	7,094	4,629	2,465	15.7	
Added to the CBRS	389	147	242		5
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	7,483	4,776	2,707	15.8	0
Net Change	389	147	242	0.1	5

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-18AP, Pamet Harbor,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [042](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-014A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990, originally established this unit as System Unit MA-18.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C

of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-18AP were received.

Changes between Proposed and Final Recommended Boundaries:

There are no changes to Unit MA-18AP between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-18AP are described below.

Recommended Removals:

- A small area of fastland (including one structure) located on Truro Center Road along the Pamet River. This area is currently within Unit MA-18 (the remainder of which is recommended to be reclassified entirely to Unit MA-18AP).

Recommended Additions:

- Wetlands not held for conservation and/or recreation, located east of Mill Pond Road near its intersection with Depot Road
- Wetlands located on the north side of the unit along Little Pamet River. Portions of these wetlands are held for conservation and/or recreation (owned by the Truro Conservation Trust).
- Wetlands located on the south side of the unit between Pamet Harbor and Old County Road. Portions of these wetlands are held for conservation and/or recreation (owned by the Truro Conservation Trust and the Town of Truro).

- Undeveloped fastland and associated aquatic habitat along Fisher Beach north of Great Hills Lane. Portions of this area are held for conservation and/or recreation (owned by the Truro Conservation Trust and The Town of Truro).
- Small areas of undeveloped fastland and wetlands along Pamet River (portions of which are owned by the Truro Conservation Trust)

Recommended Reclassifications:

- From System Unit MA-18 to recommended new OPA Unit MA-18AP: The entirety of existing System Unit MA-18 (except the removal noted above), which consists of Corn Hill Beach, Harbor Bar, Fisher Beach, and wetlands along Pamet Harbor, Pamet River, and Little Pamet River (including ten privately owned structures), is recommended for reclassification to OPA Unit MA-18AP because the coastal barrier system is predominantly held for conservation and/or recreation. There is no separate unit summary for Unit MA-18.

Other Modifications/Information:

- This unit was assigned new unit number MA-18AP because Unit MA-18P is already assigned to Ballston Beach, an adjacent but distinct barrier system. The unit name Pamet Harbor will remain the same.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-18AP, Pamet Harbor, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	90	14	76		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	390	62	328		10
Final Recommended Unit	480	76	404	1.0	0
Net Change	480	76	404	1.0	10

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-18P, Ballston Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [042](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-014A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement

Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-18P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-18P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-18P between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit MA-18P are described below.

Recommended Additions:

- A small area of the Cape Cod National Seashore (owned by the U.S. National Park Service)
- Small areas of wetlands within inholdings (i.e., private land within the exterior boundaries of a conservation and/or recreation area) of the Cape Cod National Seashore, located south of North Pamet Road along the Pamet River

Other Modifications/Information:

- Undeveloped fastland and wetlands (most of which are inholdings of the Cape Cod National Seashore) are currently located within OPA Unit MA-18P. These areas are not recommended for reclassification to a System Unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-18P, Ballston Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	182	17	165	0.1	
Added to the CBRS	1	0	1		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	183	17	166	0.1	
Net Change	1	0	1	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit MA-17P, Griffin/Great Islands Complex, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [042](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-015A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-17P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-17P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-17P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-17P are described below.

Recommended Additions:

- Wetlands and small areas of undeveloped fastland along the Herring River. These areas are mostly within the Cape Cod National

Seashore and owned by the U.S. National Park Service, but also include minor portions of privately owned property.

- Wetlands and small areas of undeveloped fastland located west of Pole Dike Road and south of Bound Brook Island Road and Coles Neck Road. These areas are mostly owned by the Wellfleet Conservation Trust, but also include minor portions of privately owned property.
- Undeveloped fastland and associated aquatic habitat (owned by the Wellfleet Conservation Trust and the U.S. National Park Service) along Mill Creek
- Billingsgate Island Sanctuary (owned by the Massachusetts Department of Fish and Game) and associated aquatic habitat in Cape Cod Bay

Other Modifications/Information:

- Modification of portions of the boundary of the unit to better align with the Cape Cod National Seashore boundary

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-17P, Griffin/Great Islands Complex, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	3,057	1,411	1,646	6.2	
Added to the CBRS	906	24	882		0
Removed from the CBRS	6	1	5		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	3,957	1,434	2,523	7.3	
Net Change	900	23	877	1.1	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-17AP, Lieutenant Island,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map 042 dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map 25-015A dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-17AP.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received

and the Service's responses, see *chapter 3 and appendix C of the 2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-17AP were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-17AP between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit MA-17AP are described below.

Recommended Additions:

- Areas owned by the Massachusetts Audubon Society (including portions of the Wellfleet Bay Wildlife Sanctuary) along Blackfish Creek, Loagy Bay Creek, Loagy Bay, Wellfleet Harbor, Fresh Brook, and Hatches Creek
- Fox Island Wildlife Management Area (owned by the Massachusetts Department of Fish and Game)
- Areas owned by the Wellfleet Conservation Trust along a tidal creek marsh south of Lieutenant Island Road, Loagy Bay Creek, Loagy Bay, Blackfish Creek, Drummer Cove, and in the vicinity of the Indian Neck marshes (including portions of Fox Island Marsh and Pilgrim Spring Woodlands Conservation Area)
- Areas owned by the Town of Wellfleet and held for conservation and/or recreation located along Loagy Bay Creek, Drummer Cove, and in the vicinity of the Indian Neck marshes

- Mill Hill Island (owned by both the Wellfleet Conservation Trust and the Town of Wellfleet and held for conservation and/or recreation)
- Most of Mill Field (owned by the Town of Eastham and held for conservation and/or recreation), located along Spring Road and North Sunken Meadow Road
- Portions of North Sunken Meadow (owned by both the Eastham Conservation Foundation and the Town of Eastham and held for conservation and/or recreation) along Hatches Creek
- Portions of a private property with a conservation restriction (held by the The Compact of Cape Cod Trusts, Inc.), located along Ben's Way in the Town of Eastham
- Wetlands that are both privately and publicly owned and not held for conservation and/or recreation along Hatches Creek, two tidal creek marshes south of Lieutenant Island Road, Loagy Bay Creek, Loagy Bay, Wellfleet Harbor, Blackfish Creek, Drummer Cove, and in the vicinity of the Indian Neck marshes

Other Modifications/Information:

- Small areas of fastland and wetlands that are both privately and publicly owned are currently located within OPA Unit MA-17AP. These areas are not recommended for reclassification to a System Unit because the coastal barrier system is predominantly held for conservation and/or recreation.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-17AP, Lieutenant Island, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	829	195	634	1.5	
Added to the CBRS	995	55	940		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	1,824	250	1,574	2.4	
Net Change	995	55	940	1.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C11, Namskaket Spits,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [041](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-016A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C11.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C11 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C11 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C11 are described below.

Recommended Removals:

- Three structures along Captain Linnell Road
- One structure at the end of Skymeadow Drive
- Two strips of undeveloped fastland located along the east side of Namskaket Creek in the vicinity of Captain Linnell Road and near the end of Skymeadow Drive

Recommended Additions:

- Associated aquatic habitat north of Upland Circle along the southern boundary of the unit and several small areas of associated aquatic habitat (including minor portions of the George D. Hofe Memorial Conservation Area) along the eastern boundary of the unit

Other Modifications/Information:

- Privately owned properties with conservation restrictions (held by the Town of Orleans Conservation Commission) are currently located within System Unit C11 along Cape Cod Bay north of the mouth of Namskaket Creek. These areas are not recommended for reclassification to an Otherwise Protected Area (OPA) because the conservation restrictions were placed on the properties after the areas were first included in 1982 within the CBRS.
- Most of the George D. Hofe Memorial Conservation Area (owned by the Orleans Conservation Trust) is currently within System Unit C11. The Trust concurred with classifying this area as System Unit rather than OPA.
- Most of Namskaket Marsh (owned by the Town of Brewster and held for conservation and/or recreation) is currently within System Unit C11. The Town concurred with classifying this area as System Unit rather than OPA.
- Minor portions of areas owned by the Brewster Conservation Trust are currently located within System Unit C11 along Crosby and Mitchell Lanes. These areas are not recommended for reclassification to an OPA.
- A portion of Nickerson State Park along Cape Cod Bay is currently located within System Unit C11, but is not recommended for reclassification to an OPA because it was acquired by the State Park after it was included in 1982 within the CBRS

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information: for Unit C11, Namskaket Spits, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	250	33	217	0.6	
Added to the CBRS	8	1	7		0
Removed from the CBRS	2	2	0		4
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	256	32	224	0.6	
Net Change	6	(1)	7	0.0	(4)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C11P, Namskaket Spits,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-016A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C11P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C11P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit C11P is not currently within the CBRS

Included within new OPA Unit C11P are the following area(s):

- Portions of Nickerson State Park (owned by the Massachusetts Department of Conservation and Recreation)
- Crosby Landing (owned by the Town of Brewster)

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C11P, Namskaket Spits, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	22	13	9		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	22	13	9	0.5	
Net Change	22	13	9	0.5	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C11A, Boat Meadow, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [041](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-016A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C11A.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System*

Hurricane Sandy Remapping Project. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C11A were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C11A between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C11A are described below.

Recommended Removals:

- One structure along Boat Meadow Way

Recommended Additions:

- Associated aquatic habitat and small areas of undeveloped fastland along Boat Meadow River between Bridge Road and the Cape Cod Rail Trail
- Areas owned by Eastham Conservation Foundation along Boat Meadow River between Bridge Road and the Cape Cod Rail Trail
- Minor portions of areas held for conservation and/or recreation along Boat Meadow River (owned by Orenda Wildlife Land Trust and the Town of Eastham)
- Conservation and/or recreation areas along Little Namskaket Creek, portions of Rock Harbor Marsh, and portions of Putnam Farm Conservation Area (all owned by the Town of Orleans). The Town concurred with classifying these areas as System Unit rather than Otherwise Protected Area (OPA).
- Undeveloped fastland and associated aquatic habitat along Rock Harbor Creek and Cape Cod Bay
- Minor areas of fastland and wetlands at Rock Harbor Landing and along Rock Harbor Creek (owned by the Town of Eastham and the Eastham Conservation Foundation and held for conservation and/or recreation)
- Portions of areas owned by the Orleans Conservation Trust, located along Rock Harbor Creek and Little Namskaket Creek. The Trust concurred with classifying these areas as System Unit rather than OPA.

- Associated aquatic habitat along Little Namskaket Creek and Cape Cod Bay

Recommended Reclassifications:

- From System Unit C11A to OPA Unit C11AP: A portion of First Encounter Beach (owned by the Town of Eastham)
- From OPA Unit C11AP to System Unit C11A: A minor area of undeveloped private property located near the entrance to First Encounter Beach

Other Modifications/Information:

- Areas owned by the Eastham Conservation Foundation are both currently located within and recommended for addition to System Unit C11A. The Foundation concurred with classifying these areas as System Unit rather than OPA.
- Areas owned by The Nature Conservancy (TNC) are currently located within System Unit C11A. TNC concurred with maintaining these areas as System Unit rather than OPA.
- The existing System Unit contains areas along Herring River and Boat Meadows that are owned by the Town of Eastham and were held for conservation and/or recreation when they were first included within the CBRS. The Service did not receive a response from the Town regarding the areas it owns during either the stakeholder outreach phase of the project or the public comment period. Therefore, these areas are maintained within the System Unit and are not recommended for reclassification to an OPA. In addition, the Town Conservation Commission sent a letter to the Service in 1987 that supported the inclusion of Boat Meadows within the CBRS.
- The existing System Unit contains areas along Boat Meadow River west of Bridge Road that are owned by the Town of Eastham and held for conservation and/or recreation. These areas are not recommended for reclassification to an OPA because they were not held for conservation and/or recreation when they were first included within the CBRS.

- A minor portion of a conservation and/or recreation area owned by the Nauset Land Trust is currently located within System Unit C11A. This area is not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C11A, Boat Meadow, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	399	9	390	0.7	
Added to the CBRS	299	36	263		0
Removed from the CBRS	1	1	0		1
Reclassified Area ⁵	(8)	(1)	(7)		0
Final Recommended Unit	689	43	646	1.7	
Net Change	290	34	256	1.0	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C11AP, Boat Meadow, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [041](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-016A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit C11AP.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C11AP were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C11AP between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C11AP are described below.

Recommended Reclassifications:

- From System Unit C11A to OPA Unit C11AP: A portion of First Encounter Beach (owned by the Town of Eastham)
- From OPA Unit C11AP to System Unit C11A: A minor area of undeveloped private property located near the entrance to First Encounter Beach

Other Modifications/Information:

- Modification of the northern boundary of the unit to align with the boundary of First Encounter Beach

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C11AP, Boat Meadow, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	26	16	10	0.5	
Added to the CBRS	2	2	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	8	1	7		0
Final Recommended Unit	36	19	17	0.5	
Net Change	10	3	7	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-20P, Nauset Beach/
Monomoy, Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [041](#) dated October 24, 1990
- Map [045A](#) dated July 12, 1996
- Map [046](#) dated October 24, 1990

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-016A](#) dated December 18, 2020
- Draft map [25-017A](#) dated December 18, 2020
- Draft map [25-018A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-20P.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative action:

- Federal Register notice (62 FR 8258) published on February 24, 1997, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-20P were received.

Changes between Proposed and Final Recommended Boundaries:

There are no changes to Unit MA-20P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-20P are described below.

Recommended Removals:

- One structure along State Highway in the Town of Eastham
- Three structures along Aeries Avenue in the Town of Eastham
- One structure along Hemenway Court in the Town of Eastham
- One structure along Hemenway Road in the Town of Eastham
- Two structures along Aspinet Road in the Town of Orleans
- Five structures along Surf Path in the Town of Orleans
- One structure along Pendleton Drive in the Town of Orleans
- Two structures along Beach Road in the Town of Orleans

Recommended Additions:

- Strong Island (northern portion is owned by the Chatham Conservation Foundation and the southern marsh is owned by the Town of Chatham and held for conservation and/or recreation) located in Pleasant Bay. The northern portion of the island includes four associated structures (two residential and two outbuildings).

- Undeveloped fastland and associated aquatic habitat that is privately and publicly owned and not held for conservation and/or recreation, located along Nauset Harbor; Little Pleasant Bay, The River; Pleasant Bay, and Chatham Harbor (including one private outbuilding)
- Sipson Island Meadow (owned by the Town of Orleans and held for conservation and/or recreation) and Little Sipson Island (owned by the Orleans Conservation Trust), located in Pleasant Bay
- Tern Island Wildlife Sanctuary (owned by the Massachusetts Audubon Society), located in Chatham Harbor
- Shoals, small islands, and associated aquatic habitat located west of the North and South Monomoy Islands along Nantucket Sound (including portions of the Monomoy National Wildlife Refuge (owned by the Service))
- An undeveloped beach area within the Cape Cod National Seashore, located at the northern end of the unit in the vicinity of the intersection of Doane Road and Ocean View Drive in the Town of Eastham
- Minor areas of wetlands held for conservation and/or recreation located along Nauset Harbor; Little Pleasant Bay, Pleasant Bay, and Chatham Harbor (owned by the Town of Chatham, Chatham Conservation Foundation, Town of Orleans, Orleans Conservation Trust, and the State of Massachusetts)

Other Modifications/Information:

- Modification of portions of the boundary of the unit to better align with the boundary of the Cape Cod National Seashore
- Modification of the boundary of the unit along Morris Island to better align with the boundary of the Monomoy National Wildlife Refuge

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-20P, Nauset Beach/Monomoy, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	10,735	2,297	8,438	23.0	
Added to the CBRS	8,836	108	8,728		5
Removed from the CBRS	14	13	1		16
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	19,557	2,392	17,165	24.9	0
Net Change	8,822	95	8,727	1.9	(11)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-40P, Harding Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new
Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-017A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping

Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-40P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-40P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit MA-40P is not currently within the CBRS

Included within new OPA Unit MA-40P are the following area(s):

- Hardings Beach, Stage Harbor Dike, and wetlands on Morris Island and Toms Neck (owned by the Town of Chatham and held for conservation and/or recreation)

- Areas owned by the Chatham Conservation Foundation and held for conservation and/or recreation on Morris Island and Toms Neck along Stage Harbor
- Stage Harbor Lighthouse and an associated outbuilding, which are located within an inholding (i.e., private land within the exterior boundaries of a conservation and/or recreation area) on Hardings Beach
- Undeveloped fastland and wetlands that are privately owned and not held for conservation and/or recreation, located along Oyster Pond River and on Morris Island along Stage Harbor

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-40P, Harding Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	711	145	566		2
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	711	145	566	2.0	0
Net Change	711	145	566	2.0	2

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C12, Chatham Roads, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [047](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-017A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C12.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C12 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C12 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C12 are described below.

Recommended Removals:

- Eleven structures along Ridgevale Road South
- One structure on Nantucket Drive along Cockle Cove Creek

Recommended Additions:

- Associated aquatic habitat along Cockle Cove Creek
- Minor portions of Forest Beach (owned by the Town of Chatham and held for conservation and/or recreation)

Recommended Reclassifications:

- From System Unit C12 to recommended new Otherwise Protected Area (OPA) Unit C12P: Most of Ridgevale Beach (owned by the

Town of Chatham and held for conservation and/or recreation)

- From System Unit C12 to recommended new OPA Unit C12P: Areas owned by the Chatham Conservation Foundation and held for conservation and/or recreation along Cockle Cove Creek, along Cranberry Lane, and in the vicinity of Barn Hill Road
- From System Unit C12 to recommended new OPA Unit C12P: Portions of a conservation area, known locally as Seaquanset Parcel (owned by the Town of Chatham)
- From System Unit C12 to recommended new OPA Unit C12P: Fastland and associated aquatic habitat (including one structure) not held for conservation and/or recreation along Bucks Creek, Sulphur Springs, and Cockle Cove Creek. These areas are recommended for reclassification because the coastal barrier system is predominantly held for conservation and/or recreation.

Other Modifications/Information:

- Most of Forest Beach (owned by the Town of Chatham and held for conservation and/or recreation) is currently located within System Unit C12. These areas are not recommended for reclassification to an OPA because they were not held for conservation and/or recreation when they were first included in 1982 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C12, Chatham Roads, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	248	23	225	1.2	
Added to the CBRS	9	1	8		0
Removed from the CBRS	3	3	0		12
Reclassified Area ⁵	(161)	(9)	(152)		0
Final Recommended Unit	93	12	81	0.9	
Net Change	(155)	(11)	(144)	(0.3)	(13)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C12P, Chatham Roads,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-017A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the

comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C12P were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit C12P between proposed and final recommended are described below:

- Minor modifications have been made to the boundary to better fit the updated base map imagery

Recommended New Unit: The area recommended for inclusion within new OPA Unit C12P is mostly within the boundaries of existing System Unit C12, which was established by the Coastal Barrier Resources Act (Pub. L. 97-345 enacted on October 18, 1982). The areas within this recommended new unit OPA are currently within Unit C12 and are recommended for reclassification from a System Unit to an OPA.

The remaining areas within this recommended new OPA are not currently within the CBRS.

Included within new OPA Unit C12P are the following area(s):

- Most of Ridgevale Beach (owned by the Town of Chatham and held for conservation and/or recreation)
- Areas owned by the Chatham Conservation Foundation and held for conservation and/or recreation along Cockle Cove Creek, along Cranberry Lane, and in the vicinity of Barn Hill Road
- Portions of a conservation area, known locally as Seaquanset Parcel (owned by the Town of Chatham)
- Undeveloped fastland and associated aquatic habitat not held for conservation and/or recreation, located along Bucks Creek, Sulphur Springs, and Cockle Cove Creek (including one structure)

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C12P, Chatham Roads, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	15	3	12		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	161	9	152		1
Final Recommended Unit	176	12	164	0.5	
Net Change	176	12	164	0.5	1

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-41P, Red River Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-017A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on

the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-41P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-41P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit MA-41P is not currently within the CBRS

Included within new OPA Unit MA-41P are the following area(s):

- Areas owned by the Town of Harwich and held for conservation and/or recreation (including Red River Beach)
- The portion of a conservation and/or recreation area known as Red River (owned by the Chatham Conservation Foundation) located south of Deep Hole Road in the Town of Chatham
- Undeveloped fastland and associated aquatic habitat not held for conservation and/or recreation located between Old Wharf Road and Julien Road, south of Hersey Road, and in the vicinity of the Red River

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-41P, Red River Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	77	8	69		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	77	8	69	0.7	
Net Change	77	8	69	0.7	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit MA-23P, Davis Beach, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [048](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-019A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-23P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-23P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-23P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-23P are described below.

Recommended Removals:

- One structure known as The Ocean Club on Smuggler's Beach and three structures known as the Riviera Beach Resort
- Small areas of fastland including two structures, located along Run Pond Road
- Seventeen structures along South Street and three structures along Crescent Court

- An area of fastland including one structure, located along Lighthouse Road
- Two structures associated with the Lighthouse Inn, located along Lighthouse Inn Road

Recommended Additions:

- Portions of Bass River and Weir Creek behind West Dennis Beach

Other Modifications/Information:

- Privately and publicly owned areas that are not held for conservation and/or recreation are currently included within OPA Unit MA-23P in the vicinity of Run Pond and Weir Creek. These areas are designated as OPA because the coastal barrier system is predominantly held for conservation and/or recreation.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Technical Correction Assessment: The Service has completed a Technical Correction Assessment to address requests that were received to determine whether a mapping error exists for a specific area within this unit. The assessment can be found on page D-95 in appendix D of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Acreage, Shoreline, and Structure Information for Unit MA-23P, Davis Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	390	86	304	1.9	
Added to the CBRS	45	1	44		0
Removed from the CBRS	19	17	2		29
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	416	70	346	1.8	
Net Change	26	(16)	42	(0.1)	(29)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

Technical Correction Assessment for Properties on South Street and Crescent Court in CBRS Unit MA-23P

Overview

The John H. Chafee Coastal Barrier Resources System (CBRS) is depicted on a set of maps that is maintained by the U.S. Fish and Wildlife Service (Service). Aside from three minor exceptions, only legislation enacted by Congress can modify the CBRS maps. A “technical correction” is a correction to a CBRS map to fix a legitimate mapping error. The Service receives numerous requests from property owners and other interested parties who seek to remove areas from the CBRS based on an alleged technical mapping error. The Service considers a technical mapping error to be a mistake in the delineation of the CBRS boundaries that was made as a result of incorrect, outdated, or incomplete information (often stemming from inaccuracies on the original base maps).

The Service generally does not recommend removal of areas from the CBRS unless there is clear and compelling evidence that a technical mapping error led to their inclusion within the CBRS. In order to determine whether a technical mapping error exists, the Service conducts a comprehensive review of the history of the CBRS unit in question which generally includes an assessment of the Service’s background records for the unit, the controlling and historical CBRS maps of the area, the historical development status of the area, aerial imagery, and any materials submitted by property owners and other interested parties. When the Service determines that a technical correction to a map is warranted, we prepare a new comprehensively modernized map for the area. The updated map becomes effective only if adopted through legislation enacted by Congress.

The Service was first contacted in 2013 by private property owners who sought to remove a property on South Street in South Yarmouth, Massachusetts, from CBRS Unit MD-23P. Following that request, the Service received a request from another property owner to remove a neighboring property on South Street from Unit MA-23P. The property owners assert their properties were included within the CBRS in error because the areas on the west side of South Street and along Crescent Court were developed at

the time they were first included in 1990 within the CBRS. The owners seek the removal of their properties from the CBRS so they may obtain Federal flood insurance.

Service Findings

The Service has carefully assessed all of the information provided by the parties indicated above as well as the materials that are typically reviewed as part of a technical correction assessment. The Service found that an area of fastland (i.e., land above mean high tide) containing 15 structures along the west side of South Street and 3 structures along Crescent Court in South Yarmouth is appropriate for removal from the CBRS. The Coastal Barrier Resources Act (CBRA) development criteria and the Service’s findings related to this technical correction assessment are explained in further detail below. Additional areas recommended for removal from this unit are listed in the Summary of Final Recommended Changes for Unit MA-23P.

CBRA Development Criteria and CBRS Boundary Intent

CBRA requires that the Service consider the following criteria in determining whether a coastal barrier was undeveloped at the time of inclusion within the CBRS: (A) the density of development was less than one structure per five acres of land above mean high tide; and (B) there was existing infrastructure consisting of (i) a road, with a reinforced road bed, to each lot or building site in the area; (ii) a wastewater disposal system sufficient to serve each lot or building site in the area; (iii) electric service for each lot or building site in the area; and (iv) a fresh water supply for each lot or building site in the area. When assessing whether an area may be appropriate for removal, the Service also considers the location of geomorphic, cultural, and development features on the ground at the time the area was included within the CBRS (i.e., whether the CBRS boundary lines on the maps precisely follow the underlying features they were intended to follow on the ground).

The Service’s assessment of Unit MA-23P considered the density of development that existed on the ground when the unit was designated in 1990. Our records indicated that the unit was comprised of 78 acres of fastland and contained 24 structures in 1990. Therefore, the density of development on the ground was one structure per 3 acres of fastland, which is above the statutory density threshold to be considered “undeveloped” under CBRA. Since the development was already on the ground, a review of infrastructure was not needed. In addition, the Service’s review of the area on the west side of South Street and along Crescent Court found that when it was first included in 1990 within the CBRS, 15 of the 18 total structures were on the ground. The U.S. Geological Survey topographic quadrangle used as the base map for the October 24, 1990, CBRS map did not clearly indicate the level of development present on the ground at the time. Therefore, these 18 structures (15 along South Street and 3 along Crescent Court) are appropriate for removal from the CBRS. The recommended CBRS boundary in this area was modified to generally follow the wetland/fastland interface.

¹ The administrative authority of the Service to make changes to the CBRS boundaries is limited to changes made as a result of natural forces (such as erosion and accretion, voluntary additions by property owners, and additions of excess property to the CBRS (16 U.S.C. 3503).

² Coastal Barrier Resources, U.S. Code 16 (2018), § 3503(g)(1).

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C13, Lewis Bay,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [048](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-019A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C13.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see

chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C13 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C13 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C13 are described below.

Recommended Removals:

- One structure on South Sea Avenue and one structure on Heritage Drive

Recommended Additions:

- Small areas of wetlands to the north and west of Lewis Pond (including minor areas owned by the Town of Yarmouth and held for conservation and/or recreation)
- Associated aquatic habitat along Hyannis Inner Harbor and Lewis Bay (including minor portions of conservation and/or recreation areas owned by the Yarmouth Conservation Trust and the Town of Yarmouth)
- Associated aquatic habitat along the south side of Uncle Roberts Cove
- Portions of Nantucket Sound south of Great Island

Recommended Reclassifications:

- From Otherwise Protected Area (OPA) Unit C13P to System Unit C13: Portions of Hyannis Harbor in the vicinity of Dunbar Point that are not held for conservation and/or recreation

Other Modifications/Information:

- Modification of the coincident boundary between Units C13P and C13 in the vicinity of Dunbar Point to align with the northern boundary of Kalmus Beach Park

- Areas owned by the Town of Yarmouth and held for conservation and/or recreation are currently located within System Unit C13. The Town concurred with maintaining these areas as System Unit rather than reclassifying them to OPA.
- Egg Island Shoal Wildlife Sanctuary (owned by the Massachusetts Audubon Society) is currently located within System Unit C13. The Service sought input from the Audubon Society; however, the Service did not receive a response on whether it concurs or not with maintaining this area within the CBRS as System Unit during either the stakeholder outreach phase of the project or the public comment period. A 1985 letter from the Audubon Society in the Service's records supported the proposed expansion of the CBRS and welcomed the additional protections for the areas they owned that were included within the CBRS. Therefore, Egg Island Shoal Wildlife Sanctuary is not recommended for reclassification to an OPA.
- Areas that are privately owned but subject to conservation restrictions held by the Trustees of Reservations (a conservation organization) are currently located within System Unit C13 on Great Island, Pine Island, and Smiths Point. These areas are not recommended for reclassification to an OPA because the conservation restrictions were placed on the properties after the areas were first included in 1982 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C13, Lewis Bay, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	1,689	157	1,532	2.2	
Added to the CBRS	79	3	76		0
Removed from the CBRS	2	1	1		2
Reclassified Area ⁵	17	(1)	18		0
Final Recommended Unit	1,783	158	1,625	2.3	
Net Change	94	1	93	0.1	(2)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C13P, Lewis Bay,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [048](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-019A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit C13P

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C13P were received.

Changes between Proposed and Final Recommended Boundaries:

There are no changes to Unit C13P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit for C13P are described as follows.

Recommended Additions:

- Areas of wetlands that are held for conservation and/or recreation (owned by the Town of Barnstable), located west of Ocean Street near Kalmus Beach Park
- Minor areas of wetlands not held for conservation and/or recreation, located west of Ocean Street near Kalmus Beach Park

Recommended Reclassifications:

- From OPA Unit C13P to System Unit C13: Portions of Hyannis Harbor in the vicinity of Dunbar Point that are not held for conservation and/or recreation

Other Modifications/Information:

- Modification of the coincident boundary between Units C13P and C13 in the vicinity of Dunbar Point to align with the northern boundary of Kalmus Beach Park

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C13P, Lewis Bay, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	97	54	43	1.1	
Added to the CBRS	11	1	10		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	(17)	1	(18)		0
Final Recommended Unit	91	56	35	0.9	
Net Change	(6)	2	(8)	(0.2)	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C14, Squaw Island,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [038](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-020A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C14.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C14 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C14 between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit C14 are described below.

Recommended Additions:

- Undeveloped fastland and wetlands along the landward boundary of the unit and along the excluded area on Squaw Island
- Undeveloped fastland along the western lateral boundary of the unit

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C14, Squaw Island, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	161	17	144	0.8	
Added to the CBRS	27	7	20		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	188	24	164	1.0	
Net Change	27	7	20	0.1	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C15, Centerville,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [038](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-020A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C15.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C15 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C15 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C15 are described below.

Recommended Removals:

- One structure at the end of Long Beach Road

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along Bumps River and Scudder Bay

- Small areas of undeveloped fastland and wetlands along the Centerville River and East Bay
- Minor portions of areas owned by the Barnstable Land Trust and the Orenda Wildlife Land Trust (two conservation organizations)

Recommended Reclassifications:

- From System Unit C15 to Otherwise Protected Area (OPA) Unit C15P: A small area of Dowses Beach (owned by the Town of Barnstable) that has accreted northward into East Bay
- From OPA Unit C15P to System Unit C15: Portions of the inlet channel between Nantucket Sound and East Bay, which is open water and not held for conservation and/or recreation

Other Modifications/Information:

- Minor portions of areas owned by the Barnstable Land Trust and the Town of Barnstable and held for conservation and/or recreation are currently located within System Unit C15. These areas are not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C15, Centerville, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	172	20	152	1.0	
Added to the CBRS	97	6	91		0
Removed from the CBRS	0	0	0		1
Reclassified Area ⁵	2	0	2		0
Final Recommended Unit	271	26	245	1.1	
Net Change	99	6	93	0.0	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C15P, Centerville,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [038](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-020A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit C15P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C15P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C15P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C15P are described below.

Recommended Additions:

- A small area of Dowses Beach (owned by the Town of Barnstable) along the western boundary of the unit

Recommended Reclassifications:

- From System Unit C15 to OPA Unit C15P: A small area of Dowses Beach (owned by the Town of Barnstable) that has accreted northward into East Bay
- From OPA Unit C15P to System Unit C15: Portions of the inlet channel between Nantucket Sound and East Bay, which is open water and not held for conservation and/or recreation

Other Modifications/Information:

- Minor areas of fastland and wetlands not held for conservation and/or recreation, located south of Dowses Beach, are currently within OPA Unit C15P. These areas are not recommended for reclassification to a System Unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C15P, Centerville, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	24	8	16	0.4	
Added to the CBRS	1	1	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	(2)	0	(2)		0
Final Recommended Unit	23	9	14	0.3	
Net Change	(1)	1	(2)	(0.1)	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C16, Dead Neck,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [039](#) dated October 24, 1990

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-020A](#) dated December 18, 2020
- Draft map [25-021A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C16.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a

summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C16 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C16 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C16 are described below.

Recommended Removals:

- One structure located along Bayberry Way
- An area of fastland including seven structures located along Indian Trail
- Three structures located at the end of Bluff Point Drive

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along North Bay and Cotuit Bay
- Undeveloped fastland and associated aquatic habitat south of Rushy Marsh Pond
- Small areas of wetlands around Osterville Grand Island
- Minor areas of wetlands owned by the Barnstable Land Trust (a conservation organization) on Little Island along West Bay
- Minor portions of several privately owned properties that are subject to a conservation restriction held by the Barnstable Land Trust, located on Osterville Grand Island along West Bay
- A minor area containing a boat ramp located on Bay Street (owned by the Town of Barnstable)

Other Modifications/Information:

- Sampsons Island Wildlife Sanctuary (owned by the Massachusetts Audubon Society) is currently located within System Unit C16.

This area was held for conservation and/or recreation when it was first included in 1982 within the CBRS. The Service sought input from the Audubon Society; however, the Service did not receive a response on whether it concurs or not with maintaining this area within the CBRS as System Unit during either the stakeholder outreach phase of the project or the public comment period. A 1985 letter from the Audubon Society in the Service's records supported the proposed expansion of the CBRS and welcomed the additional protections for the areas they owned that were included within the CBRS. Therefore, the areas owned by the Audubon Society are not recommended for reclassification to an Otherwise Protected Area (OPA).

- Dead Neck Island (owned by Three Bays Preservation, Inc. (a conservation organization) and subject to a conservation restriction held by the Conservation Commission of the Town of Barnstable) is currently located within System Unit C16. In 1982, when the area was identified as an undeveloped coastal barrier, it was privately owned and not formally held for conservation and/or recreation. The conservation restriction was put in place on July 20, 1982, prior to its inclusion within the CBRS, but after March 15, 1982, which was the cutoff date for analysis of on-the-ground conditions as specified in a notice published in the Federal Register (47 FR 35696) on August 16, 1982. This area is not recommended for reclassification to an OPA.
- Areas held for conservation and/or recreation (owned by the Barnstable Land Trust) are currently located within System Unit C16. These areas are not recommended for reclassification to an OPA because they were acquired by the Land Trust after the area was included in 1990 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Technical Correction Assessment:

The Service has completed a Technical Correction Assessment to address requests that were received to

determine whether a mapping error exists for a specific area within this unit. The assessment can be found on page D-105 in appendix D of the

2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project.

Acreage, Shoreline, and Structure Information for Unit C16, Dead Neck, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	970	96	874	2.5	
Added to the CBRS	476	23	453		0
Removed from the CBRS	6	6	0		11
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	1,440	113	1,327	2.7	
Net Change	470	17	453	0.2	(11)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

Technical Correction Assessment for Property on Garrison Lane in CBRS Unit C16**Overview**

The John H. Chafee Coastal Barrier Resources System (CBRS) is depicted on a set of maps that is maintained by the U.S. Fish and Wildlife Service (Service). Aside from three minor exceptions, only legislation enacted by Congress can modify the CBRS maps. A “technical correction” is a correction to a CBRS map to fix a legitimate mapping error. The Service receives numerous requests from property owners and other interested parties who seek to remove areas from the CBRS based on an alleged technical mapping error. The Service considers a technical mapping error to be a mistake in the delineation of the CBRS boundaries that was made as a result of incorrect, outdated, or incomplete information (often stemming from inaccuracies on the original base maps).

The Service generally does not recommend removal of areas from the CBRS unless there is clear and compelling evidence that a technical mapping error led to their inclusion within the CBRS. In order to determine whether a technical mapping error exists, the Service conducts a comprehensive review of the history of the CBRS unit in question which generally includes an assessment of the Service’s background records for the unit, the controlling and historical CBRS maps of the area, the historical development status of the area, aerial imagery, and any materials submitted by property owners and other interested parties. When the Service determines that a technical correction to a map is warranted, we prepare a new comprehensively modernized map for the area. The updated map becomes effective only if adopted through legislation enacted by Congress.

The Service was first contacted in 2013 by the office of a member of Congress for this district on behalf of an interested party regarding a property located at the north end of Garrison Lane in Osterville, Massachusetts. The interested party was working with the property owners who sought to remove the property from the CBRS after their flood insurance was cancelled by the National Flood Insurance Program.

Service Findings

The Service has carefully assessed all of the information provided by the parties indicated above as well as the materials that are typically reviewed as part of a technical correction assessment. The Service found that, with the exception of one structure on Bayberry Way, the area within Unit C16 along the point in West Bay near the Eel River (where the property located at the end of Garrison Lane is located) is appropriately included within the CBRS. Only the structure at the end of Bayberry Way, which was built in 1988, is appropriate for removal from the CBRS. The Service has found no evidence suggesting that the remaining area on the point was included within Unit C16 as a result of a technical mapping error, and therefore we do not recommend its removal from the CBRS. The Coastal Barrier Resources Act (CBRA) development criteria and the Service’s findings related to this technical correction assessment are explained in further detail below. While this particular area is appropriately included within the CBRS, the Service did identify other areas in this unit that are appropriate for removal. The areas recommended for removal are listed in the Summary of Final Recommended Changes for Unit C16.

CBRA Development Criteria and CBRS Boundary Intent

CBRA requires that the Service consider the following criteria in determining whether a coastal barrier was undeveloped at the time of inclusion within the CBRS: (A) the density of development was less than one structure per five acres of land above mean high tide; and (B) there was existing infrastructure consisting of (i) a road, with a reinforced road bed, to each lot or building site in the area; (ii) a wastewater disposal system sufficient to serve each lot or building site in the area; (iii) electric service for each lot or building site in the area; and (iv) a fresh water supply for each lot or building site in the area. When assessing whether an area may be appropriate for removal, the Service also considers the location of geomorphic, cultural, and development features on the ground at the time the area was included within the CBRS (i.e., whether the CBRS boundary lines on the maps precisely follow the underlying features they were intended to follow on the ground).

Density of Development:

The Service’s review of the area within Unit C16 along the point in West Bay near the Eel River found that when the area was first included in 1990 within the CBRS, there were no structures on the ground except for one at the end of Bayberry Way. The structure on Bayberry Way is appropriate for removal from the CBRS because the CBRS boundary in this area is generally following the 10-foot contour on the 1974 U.S. Geological Survey (USGS) topographic quadrangle, and the CBRS area was intended to include the undeveloped portions along the point but not development that was on the ground in this area in 1990. The structure located at the end of Garrison Lane was built in 2002 according to data from the Town of Barnstable. A review of historical aerial imagery confirms that there was no structure on the ground for this property when it was included within the CBRS. CBRA’s density of development is not a factor for structures built after designation within the CBRS.

Technical Correction Assessment for Property on Garrison Lane in CBRS Unit C16 (continued)

Level of Infrastructure:

The Service also considered the level of infrastructure available in 1990 to each lot or building site on the point in West Bay. As part of our review, we contacted the Town of Barnstable regarding the utility permits that are on file for the property at the end of Garrison Lane. The Town's records indicated that the Garrison Lane property had a temporary service permit (for construction purposes) dated June 2000, a permit to connect the home to electrical service in November 2001, and a permit for the septic system in October 2001. A review of historical aerial imagery revealed that there was no road access to the property prior to 1995.

Intent of the CBRS Boundary:

The interested party indicated that the actual location of the coastal resource (wetlands and dune) is not the same as the location of the CBRS boundary on the official map enacted by Congress. The Service's assessment indicates that the portion of the CBRS boundary affecting the subject property was not drawn in relation to a dune or wetlands. The CBRS boundary in this area is generally following the 10-foot contour on the 1974 U.S. Geological Survey (USGS) topographic quadrangle that was used as the base map for the October 24, 1990, CBRS map, and the CBRS area was intended to include the portions along the point that were undeveloped prior to 1990. The structure is not appropriate for removal because the area where the structure is located qualified as an undeveloped coastal barrier in 1990 and is not within the CBRS as a result of a technical mapping error. Development that occurs after CBRS designation is not grounds for removal. Additionally, upland areas are commonly included within the CBRS. There is substantial variation in physiographic characteristics among coastal barriers. However, the basic components of a coastal barrier are not just sandbars and wetlands, but also include a fastland (i.e., land above mean high tide) component where structures are most likely to be built.

¹ The administrative authority of the Service to make changes to the CBRS boundaries is limited to changes made as a result of natural forces (such as erosion and accretion), voluntary additions by property owners, and additions of excess property to the CBRS (16 U.S.C. 3503).

² *Coastal Barrier Resources*, U.S. Code 16 (2018), § 3503(g)(1).

³ Department of the Interior, "Federal Flood Insurance Prohibition for Undeveloped Coastal Barriers; Proposed Identification," *Federal Register* 47, no. 158 (August 16, 1982): 35696.



**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C17, Popponesset Spit,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [039](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-021A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C17.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a

summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C17 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C17 between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit C17 are described below.

Recommended Removals:

- Two structures at the southern end of Popponesset Island Road

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along Pinquisset Cove, Ockway Bay, Anns Cove, and Popponesset Creek
- Small areas of undeveloped fastland and wetlands along Popponesset Bay near Ryefield Point and the mouth of Pinquisset Cove
- Minor portions of Crocker Neck Conservation Area (owned by the Town of Barnstable), located along Pinquisset Cove
- A minor portion of the Ockway Bay boat ramp on Great Neck Road (owned by the Town of Mashpee)

Other Modifications/Information:

- Portions of Crocker Neck Conservation Area (owned by the Town of Barnstable) are currently located within System Unit C17. Although these areas were held for conservation and/or recreation before they were included in 1990 within the CBRS, they are not recommended for reclassification to an Otherwise Protected Area (OPA). Letters from the Town, dated 1982 and 1987, that are in the Service's records support the mapping of these areas within the System Unit.

- Portions of an area on Meadow Point (owned by the Barnstable Land Trust, a conservation organization) are currently located within System Unit C17. This area is not recommended for reclassification to an OPA because it was not held for conservation and/or recreation when it was first included in 1990 within the CBRS.
- Minor areas on Meadow Point that are privately owned and subject to a conservation restriction held by the Barnstable Land Trust are currently located within System Unit C17. These areas are not recommended for reclassification to an OPA.
- A minor area at the end of Popponesset Spit (owned by the Massachusetts Audubon Society) is currently located within System Unit C17. This area is not recommended for reclassification to an OPA.
- Portions of Popponesset Beach Access (owned by the Massachusetts Department of Fish and Game (MA DFG) and held for conservation and/or recreation) are currently located within System Unit C17. The MA DFG concurred with maintaining these areas as System Unit rather than reclassifying them to an OPA.
- Minor areas of wetlands (owned by the Town of Mashpee and held for conservation and/or recreation) along Popponesset Bay are included within System Unit C17. These areas are not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C17, Popponesset Spit, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	543	12	531	1.0	
Added to the CBRS	108	3	105		0
Removed from the CBRS	6	0	0		2
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	651	15	636	1.0	
Net Change	108	3	105	0.0	(2)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C18, Waquoit Bay, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [049](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-021A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:
The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C18.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on

the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C18 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C18 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C18 are described below.

Recommended Additions:

- Associated aquatic habitat along the northeastern side of Waquoit Bay (including Caleb Pond and portions of the Quashnet River) and a small area of undeveloped fastland at the southern end of Seconsett Island
- Portions of Eel Pond west of Washburn Island and associated wetlands
- Undeveloped fastland and wetlands at the southern end of Jewelers Avenue along Vineyard Sound
- Portions of Sage Lot Pond and minor portions of areas owned by the Town of Mashpee and held for conservation and/or recreation in the vicinity of the Pond and along the Great River
- Minor portions of areas owned by the Massachusetts Department of Conservation and Recreation (MA DCR) consisting of an area along the northern edge of Waquoit Bay and portions of South Cape

Beach State Park along Waquoit Bay and in the vicinity of Sage Lot Pond

- A minor area that is privately owned and subject to a conservation restriction held by the Town of Falmouth, located at the southern end of Jewelers Avenue along Vineyard Sound

Recommended Reclassifications:

- From Otherwise Protected Area (OPA) Unit C18P to System Unit C18: The entirety of existing OPA Unit C18P, which consists of privately owned areas not held for conservation and/or recreation, located east of Flat Pond. There is no separate unit summary for Unit C18P.

Other Modifications/Information:

- Washburn Island and portions of South Cape Beach State Park (both owned by the MA DCR) are currently located within System Unit C18. These areas were held for conservation and/or recreation before they were included in 1982 within the CBRS, but are not recommended for reclassification to an OPA. A 1987 letter from the State in the Service's records requested that this area remain within the System Unit.
- Areas owned by the Town of Mashpee and held for conservation and/or recreation are currently within System Unit C18, located along South Cape Beach and Sage Lot Pond. The Town concurred with classifying the conservation and/or recreation areas it owns as System Unit rather than OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C18, Waquoit Bay, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	1,158	334	824	3.3	
Added to the CBRS	685	18	667		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	19	14	5		0
Final Recommended Unit	1,862	366	1,496	3.8	
Net Change	704	32	672	0.5	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C18A, Falmouth Ponds, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [049](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-021A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C18A.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C18A were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C18A between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C18A are described below.

Recommended Removals:

- One structure located along Bob White Way on the east side of Bournes Pond
- One structure located along Central Avenue on the east side of Bournes Pond
- One structure along Green Meadow Lane and one structure along Commodore Lane located on the east side of Green Pond

Recommended Additions:

- Small areas of wetlands around Bournes Pond and along Vineyard Sound
- Small areas of undeveloped fastland and wetlands around Green Pond

- Minor areas of wetlands at the northern end of Bournes Pond and undeveloped fastland at the western end of Menauhant Beach along Vineyard Sound (known as Haddad Beachfront). Both areas are owned by the Town of Falmouth for conservation and/or recreation. In addition, the area at the western end of Menauhant Beach is subject to a conservation restriction held by The 300 Committee Land Trust (a conservation organization).

Other Modifications/Information:

- Menauhant Beach (owned by the Town of Falmouth and held for conservation and/or recreation) is currently located within System Unit C18A. The Beach was held for conservation and/or recreation before it was included in 1982 within the CBRS, but is not recommended for reclassification to an Otherwise Protected Area (OPA). The Service did not receive a response from the Town regarding this area during either the stakeholder outreach phase of the project or public comment period. Therefore, no changes have been made to this area.
- Minor portions of areas owned by the Town of Falmouth and held for conservation and/or recreation (including portions of Sea Farms Conservation Area) are currently located within System Unit C18A. These areas are not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C18A, Falmouth Ponds, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	372	25	347	0.9	
Added to the CBRS	11	3	8		0
Removed from the CBRS	2	2	0		4
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	381	26	355	0.9	
Net Change	9	1	8	0.0	(4)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-42P, Quissett Beach/Falmouth Beach, Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-022A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received

and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-42P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-42P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit MA-42P is not currently within the CBRS

Included within new OPA Unit MA-42P are the following area(s):

- Salt and Oyster Ponds
- Areas around Salt Pond and along Oyster Pond Road that are owned by the Salt Pond Areas Bird Sanctuaries, Inc. (a conservation organization)
- Areas owned by the Town of Falmouth and held for conservation and/or recreation (including the beach at

the outlet of Truck River; properties along Surf Drive and around Salt and Oyster Ponds; and portions of the Shining Sea Bikeway)

- Fastland and associated aquatic habitat that are privately owned and not held for conservation and/or recreation along Surf Drive between Salt and Oyster Ponds (including two residential structures and one bathhouse)
- Undeveloped fastland and wetlands that are owned by the Woods Hole Oceanographic Institution and not held for conservation and/or recreation, located along Oyster Pond and on Oyster Pond Road along Vineyard Sound
- Undeveloped fastland and wetlands that are privately owned and not held for conservation and/or recreation, located along Salt and Oyster Ponds

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-42P, Quissett Beach/Falmouth Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	216	53	163		3
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	216	53	163	1.1	
Net Change	216	53	163	1.1	3

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C19P, Little Sippewisset Marsh,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new
Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-022A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on

the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C19P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C19P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit C19P is not currently within the CBRS.

Included within new OPA Unit C19P are the following area(s):

- Wood Neck Beach and a large portion of Little Sippewisset Marsh (both owned by the Town of Falmouth and held for conservation and/or recreation)
- Areas that are owned by the Salt Pond Areas Bird Sanctuaries, Inc. (a conservation organization) along Wood Neck Road and Loop Road
- Undeveloped fastland and wetlands that are privately owned and not held for conservation and/or recreation, located along Little Sippewisset Marsh and along the beach west of Saconeset Hills

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C19P, Little Sippewisset Marsh, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	71	8	63		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	71	8	63	0.4	
Net Change	71	8	63	0.4	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C19, Black Beach, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [050](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-022A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C19.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C19 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C19 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C19 are described below.

Recommended Removals:

- One structure on Wigwam Road

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along the eastern side of the Great Sippewissett Marsh
- Associated aquatic habitat and a small area of fastland along the beach between the Great and Little Sippewissett Marshes
- Minor portions of the Shining Sea Bikeway and wetlands (owned by the Town of Falmouth and held for conservation and/or recreation) along the eastern side of Great Sippewissett Marsh
- A minor area of wetlands held for conservation and/or recreation (owned by the Salt Pond Areas Bird

Sanctuaries, Inc. (a conservation organization)) along the eastern side of Great Sippewissett Marsh

Other Modifications/Information:

- Portions of the Great Sippewissett Marsh that are owned by the Town of Falmouth and held for conservation and/or recreation are currently located within System Unit C19. These areas were held for conservation and/or recreation before they were included in 1982 within the CBRS, but are not recommended for reclassification to an Otherwise Protected Area (OPA). The Service did not receive a response from the Town regarding these areas during either the stakeholder outreach phase of the project or the public comment period. Therefore, they are not recommended for reclassification to an OPA.
- Portions of the Great Sippewissett Marsh that are owned by the Salt Pond Areas Bird Sanctuaries, Inc., and held for conservation and/or recreation are currently located within System Unit C19. These areas are not recommended for reclassification to an OPA because they were acquired by the Sanctuaries after they were included in 1982 within the CBRS.
- A minor area owned by The 300 Committee Land Trust (a conservation organization) is currently located within System Unit C19. This area is not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C19, Black Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	151	22	129	0.7	
Added to the CBRS	24	8	16		0
Removed from the CBRS	0	0	0		1
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	175	30	145	0.8	
Net Change	24	8	16	0.1	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-43, Chapoquoit Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new System Unit

County: Barnstable

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-022A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area

of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-43 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-43 between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new System Unit MA-43 is not currently within the CBRS.

Included within new System Unit MA-43 are the following area(s):

- Undeveloped fastland and associated aquatic habitat along Buzzards

Bay, Chapoquoit Beach, and West Falmouth Harbor

- A minor area of fastland and wetlands that is privately owned but subject to a conservation restriction held by The 300 Committee Land Trust (a conservation organization), located along Little Neck Bars Road in the vicinity of Black Beach
- One residential structure and one associated structure along Little Neck Bars Road
- One non-residential structure known as Bowerman's Beach Club along Chapoquoit Road
- One residential structure along Beach Road

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-43, Chapoquoit Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	301	52	249		4
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	301	52	249	1.4	
Net Change	301	52	249	1.4	4

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-43P, Chapoquoit Beach,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: Recommended new
Otherwise Protected Area (OPA)

County: Barnstable

Congressional District: 9

Final Recommended Map: The final
recommended CBRS map depicting
this unit is:

- Draft map [25-022A](#) dated
December 18, 2020

Base Map Imagery Source and Date:
United States Department of
Agriculture, National Agriculture
Imagery Program, 2018

Public Comments: The U.S. Fish
and Wildlife Service (Service) held a
120-day public comment period on the
proposed boundaries for this area of the
Hurricane Sandy Remapping Project
from March 12 through July 10, 2018
(83 FR 10739). For a summary of the
comments received and the Service's
responses, see chapter 3 and appendix
C of the 2022 *Report to Congress: John
H. Chafee Coastal Barrier Resources
System Hurricane Sandy Remapping
Project*. All of the comments received
during the comment period are
reprinted in appendix L.

No comments specific to Unit MA-43P
were received.

**Changes between Proposed and Final
Recommended Boundaries:** There are
no changes to Unit MA-43P between
proposed and final recommended.

Recommended New Unit: The area
recommended for inclusion within new
OPA Unit MA-43P is not currently
within the CBRS.

Included within new OPA Unit MA-43P
are the following area(s):

- Undeveloped fastland and wetlands
located along Chapoquoit Beach
that are owned by the Salt Pond
Areas Bird Sanctuaries, Inc. (a
conservation organization) and the
Town of Falmouth
- Undeveloped fastland and wetlands
on Little Island that are privately
owned and subject to a conserva-
tion restriction (held by the Town of
Falmouth), located to the north of
West Falmouth Harbor Inlet

For information about the Service's
methodology for assessing CBRS
boundary modifications through the
Hurricane Sandy Remapping Project,
visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-43P, Chapoquoit Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	25	17	8		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	25	17	8	0.4	
Net Change	25	17	8	0.4	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit MA-30, Herring Brook, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [060](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-022A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-30.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-30 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-30 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-30 are described below.

Recommended Removals:

- A small area of fastland (including one structure) located along Nauset Avenue East on the north side of the unit

Recommended Additions:

- Small areas of privately owned wetlands along Herring Brook
- Minor portions of Old Silver Beach (owned by the Town of Falmouth) located along Quaker Road and Herring Brook

Other Modifications/Information:

- Portions of Old Silver Beach and Wing Pond Woods Conservation Area (owned by the Town of Falmouth) are currently located within System Unit MA-30. These areas were held for conservation and/or recreation before the area was included in 1990 within the CBRS, but are not recommended for reclassification to an Otherwise Protected Area (OPA). The Service did not receive a response from the Town regarding these areas during either the stakeholder outreach phase of the project or the public comment period. Therefore, no changes have been made to the CBRS unit type classification of these areas.
- A minor portion of Bourne Farm along Herring Brook (owned by the Salt Pond Areas Bird Sanctuaries, Inc. (a conservation organization)) is currently located within System Unit MA-30. This area is not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-30, Herring Brook, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	43	10	33	0.3	
Added to the CBRS	5	2	3		0
Removed from the CBRS	1	1	0		1
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	47	11	36	0.3	
Net Change	4	1	3	0.0	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-31, Squeteague Harbor,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [060](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-023A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-31.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-31 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-31 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-31 are described below.

Recommended Additions:

- Associated aquatic habitat and small areas of undeveloped fastland along the northern and southern lateral boundaries of the unit

Other Modifications/Information:

- Lawrence Island (owned by the Bourne Conservation Trust) is currently located within System Unit MA-31. This area is not recommended for reclassification to an Otherwise Protected Area (OPA) because it was acquired by the Trust after the area was first included in 1990 within the CBRS.
- Minor portions of Megansett Beach and a nearby boat ramp (both owned by the Town of Falmouth and held for conservation and/or recreation) are currently located within System Unit MA-31. These areas are not recommended for reclassification to an OPA.
- A minor area that is privately owned and subject to a conservation restriction held by The 300 Committee Land Trust (a conservation organization) is currently located within Unit MA-31 along Megansett Harbor. This area is not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-31, Squeteague Harbor, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	134	15	119	0.5	
Added to the CBRS	3	1	2		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	137	16	121	0.7	
Net Change	3	1	2	0.2	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-32, Bassetts Island,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [060](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-023A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-32.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-32 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-32 between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit MA-32 are described below.

Recommended Additions:

- The northern portion of Bassetts Island that is not already within the CBRS (including seven residential structures)
- Undeveloped fastland and associated aquatic habitat located along Pocasset Harbor, Red Brook Harbor, Hen Cove, Hospital Cove, and Megansett Harbor (including a strip of land connecting Scraggy

Neck to the Cape Cod mainland near Eustis and Merriam Beaches)

- A minor area on Bassetts Island that is privately owned and subject to a conservation restriction held by the Town of Bourne Conservation Commission
- Minor areas owned by the Town of Bourne and held for conservation and/or recreation, located along Hen Cove, Red Brook Harbor, and Pocasset Harbor (in the vicinity of Barlows Landing)
- A minor area owned by the Bourne Conservation Trust, located along Red Brook Harbor Road

Other Modifications/Information:

- The portions of Bassetts Island that are owned by the Town of Bourne and held for conservation and/or recreation are currently included within System Unit MA-32. Although these areas were held for conservation and/or recreation before they were included within the CBRS, they are not recommended for reclassification to an Otherwise Protected Area. A 1987 letter from the Town that is in the Service's records supports the mapping of the area within the System Unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>

Acreage, Shoreline, and Structure Information for Unit MA-32, Bassett's Island, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	193	0	193	0.8	
Added to the CBRS	767	54	713		7
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	960	54	906	2.2	
Net Change	767	53	713	1.4	7

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-33, Phinneys Harbor,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Barnstable

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [060](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-023A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-33.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-33 were received.

Changes between Proposed and Final

Recommended Boundaries: There are no changes to Unit MA-33 between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit MA-33 are described below.

Recommended Additions:

- Associated aquatic habitat and small areas of fastland along Phinneys Harbor

- Small areas of fastland and wetlands along Bennets Neck east of Pocasset River
- A minor area that is privately owned and subject to a conservation restriction held by the Bourne Conservation Trust, located along the north side of Tobys Island

Other Modifications/Information:

- Portions of private property with a conservation restriction (held by the Bourne Conservation Trust) are currently located within Unit MA-33 on Tobys Island. These areas are not recommended for reclassification to an Otherwise Protected Area (OPA) because the conservation restriction was not in place when they were first included in 1990 within the CBRS.
- Minor portions of Monks Marine Park (owned by the Town of Bourne) and minor areas owned by the Bourne Conservation Trust are currently located within System Unit MA-33. These areas are not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-33, Phinneys Harbor, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	659	71	588	1.7	
Added to the CBRS	194	5	189		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	853	76	777	1.7	
Net Change	194	5	189	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C19A, Buzzards Bay Complex,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Plymouth

Congressional District: 9

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [061](#) dated October 24, 1990
- Map [062](#) dated October 24, 1990

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-023A](#) dated December 18, 2020
- Draft map [25-025A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C19A.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative actions:

- Federal Register notice (48 FR 17406) published on April 22, 1983 in accordance with Section 4(c)(1) of Pub. L. 97-348
- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area

of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C19A were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit C19A between proposed and final recommended are described below:

- The landward boundary located along Mattapoisett Neck Road in Mattapoisett is modified to avoid adding to the CBRS one privately owned structure (constructed in 2016) that did not appear on the 2016 aerial imagery used to prepare the proposed boundary.

Final Recommended Changes:

The final recommended changes to Unit C19A are described below.

Recommended Removals:

- From the Bourne Point segment: A small area of fastland including one structure located along Maritime Drive in the Town of Wareham
- From the Long Beach Point segment: One structure located along Long Beach Road in the Town of Wareham
- From the Aucoot Cove segment: One structure located along Indian Cove Road in the Town of Marion
- From the Pine Island Pond segment: Three structures located along Cove Street (including a small area of wetlands) and one structure located along Union Avenue in the Town of Mattapoisett
- From the Eel Pond segment: Two structures located along Fairhaven Road in the Town of Mattapoisett
- From the Eel Point segment: One structure (including a small area of fastland) located along Reservation Road in the Town of Mattapoisett

Recommended Additions:

- To the Bourne Point segment: Undeveloped fastland and associated aquatic habitat located along Bourne Cove on the west side of the CBRS unit, north of Indian Neck
- To the Bourne Point segment: Undeveloped fastland and associated aquatic habitat located on the east side of the CBRS unit, in the vicinity of Little Harbor Beach
- To the Bourne Point segment: A small area of privately owned wetlands along Little Harbor in the vicinity of Maritime Drive and a minor portion of Little Harbor Beach (owned by the Town of Wareham and held for conservation and/or recreation) at the end of Little Harbor Road
- To the Bourne Point segment: Minor areas of wetlands along Bourne Cove south of Bourne Point Road that are located on four private properties with conservation restrictions (held by the following conservation organizations: Wildlands Trust, Inc. and Wareham Land Trust)
- To the Long Point Beach segment: Portions of the Wareham River north of the CBRS unit
- To the Long Point Beach segment: Undeveloped fastland and associated aquatic habitat located along Cromeset Neck, Swifts Beach, and Swifts Neck; in the vicinity of the Crooked River on Great Neck; and along the southern shore of Indian Neck
- To the Long Point Beach segment: Most of Standish Shores Preserve (owned by the Wildlands Trust, Inc.), located along the Wareham River south of Alden Road on Great Neck. The Trust concurred with the addition of this area as System Unit rather than Otherwise Protected Area (OPA).
- To the Long Point Beach segment: Minor portions of Swifts Beach (owned by the Town of Wareham and held for conservation and/or recreation), located along the Wareham River
- To the Long Point Beach segment: A minor portion of Cromeset Neck Wildlife Sanctuary (owned by the Massachusetts Audubon Society), located in the vicinity of Nobska Point

- To the Sedge Cove segment: Wetlands and small areas of fastland located on Sippican Neck south of Piney Point
- To the Pine Island Pond segment: Associated aquatic habitat along Nyes Cove between Point Connett and Angelica Point
- To the Eel Pond segment: Undeveloped fastland and wetlands located along Eel Pond and along the Mattapoisett River
- To the Eel Pond segment: Minor portions of the Abraham Tinkham Preserve (owned by the Wildlands Trust, Inc.), located north of Mattapoisett Neck Road
- To the Eel Pond segment: Minor areas owned by the Town of Mattapoisett and held for conservation and/or recreation, located off Mattapoisett Neck Road along the Mattapoisett River
- To the Shell Beach segment: One residential structure located at the end of Cecelia Avenue
- To the Shell Beach segment: Associated aquatic habitat and a small area of undeveloped fastland on the north and south side of this existing segment of Unit C19A along Mattapoisett Harbor. With the addition on the north side of this segment, it is now connected to the Eel Pond segment.
- To the Shell Beach segment: Minor portions of Newman and Gorzka Preserves (owned by the Mattapoisett Land Trust Inc. (a conservation organization))
- To the Ram Island segment: Associated aquatic habitat and small areas of undeveloped fastland located along Brant Island Cove and Nasketucket Bay
- To the Ram Island segment: A minor privately owned area of wetlands that is subject to a conservation restriction (held by the Mattapoisett Land Trust Inc.), located west of Mattapoisett Neck Road along Brandt Island Cove

- To the Ram Island segment: Portions of Brandt Island Cove Wildlife Conservation Easement (owned by the Mattapoisett Land Trust Inc., and managed by the Massachusetts Department of Fish and Game)
- To the Ram Island segment: A minor portion of Munn Preserve (owned by the Mattapoisett Land Trust Inc.)

Recommended Reclassifications:

- From System Unit C19A to recommended new OPA Unit C19AP: The Aucoot Cove segment of System Unit C19A, which contains a small barrier island named Haskell Island and areas of associated aquatic habitat that are privately owned and subject to a conservation restriction (held by Town of Marion Conservation Commission); areas of associated aquatic habitat owned by the Town of Marion and held for conservation and/or recreation; small areas owned by the Sippican Lands Trust; and areas of undeveloped fastland and associated aquatic habitat that are privately owned and not held for conservation and/or recreation. These areas are classified as OPA because the coastal barrier system within this segment is predominantly held for conservation and/or recreation.

Other Modifications/Information:

- Most of Little Harbor Beach (owned by the Town of Wareham and held for conservation and/or recreation) is currently within the Bourne Point segment of System Unit C19A. Although these areas were held for conservation and/or recreation before they were included within the CBRs, they are not recommended for reclassification to an OPA. A 1983 letter from the Town in the Service's records requested that all Town-owned property at Little Harbor Beach be included within System Unit C19A.
- Minor portions of the Great Neck Preserve (owned by the Wildlands Trust, Inc.) are

currently located within the Bourne Point segment of System Unit C19A. These areas are not recommended for reclassification to an OPA.

- Minor portions of the Cromeset Neck Wildlife Sanctuary (owned by the Massachusetts Audubon Society) are currently within the Long Beach Point segment of System Unit C19A. These areas are not recommended for reclassification to an OPA.
- A minor privately owned area of wetlands that is subject to a conservation restriction (held by the Wareham Land Trust) is currently located within the Long Beach Point segment of System Unit C19A. This area is not recommended for reclassification to an OPA.
- Areas owned by the Mattapoisett Land Trust are currently within the Pine Island Pond segment of System Unit C19A and are recommended for addition to the Shell Beach and Ram Island segments of Unit C19A. The Trust concurred with classifying these areas as System Unit rather than OPA.
- Minor portions of conservation and/or recreation areas owned by the Town of Mattapoisett are currently located within the Hiller Cove and Eel Pond segments of System Unit C19A. These areas are not recommended for reclassification to an OPA.
- Ram Island is held for conservation and/or recreation by the Massachusetts Department of Fish and Game and is currently located within the Ram Island segment of System Unit C19A. This minor area is not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRs boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C19A, Buzzards Bay Complex, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	971	91	880	6.6	
Added to the CBRS	925	34	891		1
Removed from the CBRS	4	3	1		10
Reclassified Area ⁵	(169)	(10)	(159)		0
Final Recommended Unit	1,723	112	1,611	9.5	
Net Change	752	21	731	2.8	(9)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C19AP, Buzzards Bay Complex, Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Plymouth

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-024A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a

summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C19AP were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C19AP between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within in new OPA Unit C19AP is almost entirely within the boundaries of the Aucoot Cove segment of existing System Unit C19A, which was established by the Coastal Barrier Resources Act (Pub. L. 97-348 enacted on October 18, 1982). The areas within this recommended new unit that are currently within Unit C19A are recommended for reclassification from a System Unit to an OPA. The remaining areas within this recommended new OPA are not currently within the CBRS.

Included within new OPA Unit C19AP are the following area(s):

- A small barrier island named Haskell Island and areas of associated aquatic habitat that are privately owned and subject to a conservation restriction (held by the Town of Marion Conservation Commission), located east of Holly Pond and Indian Cove Roads along Aucoot Creek and Aucoot Cove
- Areas of associated aquatic habitat owned by the Town of Marion and held for conservation and/or recreation, located west of Converse Road along Aucoot Cove
- Small areas owned by the Sippican Lands Trust along Aucoot Cove on Converse Point
- Areas of undeveloped fastland and associated aquatic habitat that are privately owned and not held for conservation and/or recreation located along Aucoot Cove

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C19AP, Buzzards Bay Complex, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	3	1	2		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	169	10	159		0
Final Recommended Unit	172	11	161	1.4	
Net Change	172	11	161	1.4	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit MA-35, Planting Island, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Plymouth

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [061](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-024A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-35.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-35 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-35 between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit MA-35 are described below.

Recommended Additions:

- Associated aquatic habitat located along the western shore of Sippican Harbor including Little Island

- Associated aquatic habitat located along the eastern side of Planting Island Cove and along Blankinship Cove (including a minor portion of a private property subject to a conservation restriction held by the Sippican Lands Trust)
- Stewarts Island, Shaw Island, and portions of Osprey Marsh, Howland Marsh, and Pierson Woods (all owned by the Sippican Lands Trust (a conservation organization))

Other Modifications/Information:

- Minor areas held for conservation and/or recreation by the Town of Marion along and in the vicinity of the Planting Island Causeway are currently located within System Unit MA-35. These areas are not recommended for reclassification to an Otherwise Protected Area (OPA).
- Areas owned by the Sippican Lands Trust are both currently within and recommended for addition to System Unit MA-35. The Trust concurred with classifying these areas as System Unit rather than OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-35, Planting Island, Massachusetts

	Total Acres	Fastland Acres ¹	Associated Aquatic Habitat Acres ²	Shoreline (Miles)	Structures ³
Existing Unit ⁴	301	10	291	1.5	
Added to the CBRS	153	4	149		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	454	14	440	2.7	
Net Change	153	4	149	1.2	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-47P, Little Bay,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new
Otherwise Protected Area (OPA)

County: Plymouth, Bristol

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-025A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal*

Barrier Resources System Hurricane Sandy Remapping Project. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-47P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-47P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit MA-47P is not currently within the CBRS.

Included within new OPA Unit MA-47P are the following area(s):

- Areas owned by the Town of Fairhaven and held for conservation and/or recreation, located on the east side of Little Bay (in the vicinity of Bass Cove) and on Sconticut Neck (along Little Bay and the Nasketucket River)
- Areas owned by the Fairhaven Acushnet Land Preservation Trust (a conservation organization), located on the east side of Little Bay (in the vicinity of Bass Cove and the Nasketucket River)
- Undeveloped fastland and wetlands that are privately owned and sub-

ject to a conservation restriction (held by the Buzzards Bay Coalition (a conservation organization) and the Fairhaven Acushnet Land Preservation Trust), located along Little Bay (in the vicinity of the Nasketucket River and Bass Cove) and along the Nasketucket Bay (north of Wards Rock)

- South Shore Marshes Wildlife Management Area (owned by the Massachusetts Department of Fish and Game), located on the east side of Little Bay
- Ward Rock Wildlife Sanctuary (owned by the Massachusetts Audubon Society), located on the west side of Shaws Cove
- A small portion of Nasketucket Bay State Reservation (owned by the Massachusetts Department of Conservation and Recreation)
- Undeveloped fastland and wetlands that are privately owned and not held for conservation and/or recreation, located along Little Bay, the Nasketucket River, and Shaws Cove

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-47P, Little Bay, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	510	17	493		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	510	17	493	1.5	
Net Change	510	17	493	1.5	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C31A, West Sconticut Neck,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Bristol

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [062](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-025A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C31A.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see

chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C31A were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C31A between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit C31A are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along Nasketucket Bay, located south of Association Road on the northeastern side of Sconticut Neck
- Associated aquatic habitat and small areas of undeveloped fastland along Nasketucket Bay, located north of Goulart Memorial Drive on the eastern side of Sconticut Neck
- Areas owned by the Fairhaven Acushnet Land Preservation Trust (a conservation organization), located on the eastern and western sides of Sconticut Neck
- Minor areas of wetlands and undeveloped fastland that are privately owned and subject to a conservation restriction (held by the Buzzards Bay Coalition (a conservation organization)), located along Sconticut Neck north of Goulart Memorial Drive
- Associated aquatic habitat and small areas of undeveloped fastland on the north end of West Island along Round Cove and North Cove
- A small area of wetlands along Buzzards Bay on the south end of West Island near Rocky Point
- Minor portions of West Island State Reservation (owned by the Massachusetts Department of Conservation and Recreation (MA DCR)) and minor areas owned by the Town of Fairhaven and held

for conservation and/or recreation, located on the south end of West Island near Rocky Point

- Undeveloped fastland and associated aquatic habitat along Buzzards Bay, located north of Cushman Street on the southwestern side of Sconticut Neck

Other Modifications/Information:

- Modification of the boundary of the unit to reflect natural changes to a portion of the northern shoreline of West Island
- Areas owned by the Town of Fairhaven and held for conservation and/or recreation are currently within and recommended for addition to System Unit C31A. These Town-owned areas are located on Sconticut Neck along Nasketucket Bay (in the vicinity of Round Island) and on the south end of West Island along Buzzards Bay. The Town concurred with classifying these areas as System Unit rather than Otherwise Protected Area (OPA).
- Areas owned by the Fairhaven Acushnet Land Preservation Trust are both currently within and recommended for addition to System Unit C31A. The Trust concurred with classifying these areas as System Unit rather than OPA.
- Portions of West Island State Reservation (owned by the MA DCR) are currently located within System Unit C31A. The majority of the State Reservation was held for conservation and/or recreation before portions of it were included in 1990 within System Unit C31A. The Service did not receive a response from the MA DCR regarding these areas during either the stakeholder outreach phase of the project or the public comment period. Therefore, they are not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C31A, West Sconticut Neck, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	416	56	360	4.1	
Added to the CBRS	275	22	253		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	691	78	613	5.5	
Net Change	275	22	253	1.4	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

Hurricane Sandy Remapping Project

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C31AP, West Sconticut Neck, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Recommended new
Otherwise Protected Area (OPA)

County: Bristol

Congressional District: 9

Final Recommended Map: The final
recommended CBRS map depicting
this unit is:

- Draft map [25-025A](#)
dated December 18, 2020

Base Map Imagery Source and Date:
United States Department of
Agriculture, National Agriculture
Imagery Program, 2018

Public Comments: The U.S. Fish
and Wildlife Service (Service) held
a 120-day public comment period on
the proposed boundaries for this area
of the Hurricane Sandy Remapping
Project from March 12 through
July 10, 2018 (83 FR 10739). For a
summary of the comments received
and the Service's responses, see
chapter 3 and appendix C of the 2022
*Report to Congress: John H. Chafee
Coastal Barrier Resources System
Hurricane Sandy Remapping Project*.
All of the comments received during
the comment period are reprinted in
appendix L.

No comments specific to Unit C31AP
were received.

**Changes between Proposed and Final
Recommended Boundaries:** There are
no changes to Unit C31AP between
proposed and final recommended.

Recommended New Unit: The area
recommended for inclusion within
new OPA Unit C31AP is not currently
within the CBRS.

Included within new OPA Unit C31AP
are the following area(s):

- Wetlands and small areas of undeveloped fastland that are privately owned and subject to a conservation restriction held by the Fairhaven Acushnet Land Preservation Trust (a conservation organization), located on Sconticut Neck south of Windswept Drive along Nasketucket Bay
- A small area of mostly wetlands that is privately owned and subject to a Massachusetts Agricultural Preservation Restriction, located on Sconticut Neck south of Windswept Drive along the landward boundary of the unit

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C31AP, West Sconticut Neck, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	13	2	11		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	13	2	11	0.3	
Net Change	13	2	11	0.3	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C31B, Harbor View,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Bristol

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [063](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-025A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C31B.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C31B were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit C31B between proposed and final recommended are described below:

- The landward boundary in the vicinity of Cedar Street in Fairhaven has been modified to avoid adding to the CBRS one privately owned structure (constructed in 2017) that did not appear on the 2016 aerial imagery used to prepare the proposed boundary

Final Recommended Changes: The final recommended changes to Unit C31B are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat on the west side of the CBRS unit, located south of the dike at Egypt Lane
- Undeveloped fastland and associated aquatic habitat on the southeast side of the CBRS unit south of Hacker Street
- Areas owned by the Town of Fairhaven and held for conservation and/or recreation on the west side of the CBRS unit, located south of the dike at Egypt Lane

Other Modifications/Information:

- Areas owned by the Town of Fairhaven and held for conservation and/or recreation are both currently within and recommended for addition to System Unit C31B. The Town concurred with classifying these areas as System Unit rather than Otherwise Protected Area (OPA).
- Inor areas owned by the Fairhaven Acushnet Land Preservation Trust are currently located within System Unit C31B. These areas are not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C31B, Harbor View, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	47	1	46	0.4	
Added to the CBRS	28	2	26		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	75	3	72	0.7	
Net Change	28	2	26	0.3	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-36, Round Hill,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Bristol

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [064](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-026A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-36.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-36 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-36 between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit MA-36 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat on the northern, southern, and western sides of the unit

Other Modifications/Information:

- Portions of Nonquitt Reserve (owned by the Dartmouth Natural Resources Trust) are currently located within Unit MA-36. These areas are not recommended for reclassification to an Otherwise Protected Area (OPA) because they were not held for conservation and/or recreation at the time Unit MA-36 was established.
- Areas owned by the Dartmouth Natural Resources Trust that were held for conservation and/or recreation before the area was included in 1990 within System Unit MA-36 are not recommended for reclassification to an OPA. Additional minor portions of areas owned by the Trust are recommended for addition to Unit MA-36. The Service did not receive a response from the Trust regarding these areas during either the stakeholder outreach phase of the project or the public comment period. Therefore, no changes have been made to these areas.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-36, Round Hill, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	79	13	66	0.4	
Added to the CBRS	30	7	23		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	109	20	89	0.8	
Net Change	30	7	23	0.5	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-45P, Round Hill Point,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Bristol

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-026A](#) dated December 18, 2020

Base Map Imagery Source and Date:
United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-45P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-45P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit MA-45P is not currently within the CBRS.

Included within new OPA Unit MA-45P are the following area(s):

- Round Hill Town Beach (owned by the Town of Dartmouth)
- Undeveloped fastland and associated aquatic habitat that is privately owned and not held for conservation and/or recreation, located to the east, west, and north of Round Hill Beach

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-45P, Round Hill Point, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	129	56	73		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	129	56	73	0.9	
Net Change	129	56	73	0.9	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C32, Mishaum Point,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Bristol

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [064](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-026A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C32.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C32 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C32 between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit C32 are described below.

Recommended Additions:

- Undeveloped beach along the east side of Mishaum Point
- Associated aquatic habitat along the landward boundary of the unit
- A minor area of wetlands that is privately owned and subject to a conservation restriction (held by the Dartmouth Natural Resources Trust), located along the landward side of the unit

Other Modifications/Information:

- Areas that are privately owned and subject to conservation restrictions (held by the Dartmouth Natural Resources Trust) are currently located within System Unit C32. These areas are not recommended for reclassification to an Otherwise Protected Area because the conservation restrictions were placed on the properties after the areas were first included in 1982 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C32, Mishaum Point, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	67	6	61	0.4	
Added to the CBRS	7	1	6		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	74	7	67	0.6	
Net Change	7	1	6	0.2	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit MA-46, Teal Pond, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Recommended new System Unit

County: Bristol

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-026A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-46 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-46 between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new System Unit MA-46 is not currently within the CBRS.

Included within new System Unit MA-46 are the following area(s):

- A small barrier beach, associated aquatic habitat, and Teal Pond (located southeast of Cow Yard)
- A minor portion of Teal Rock-Winsor Reserve, owned by the Dartmouth Natural Resources Trust

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-46, Teal Pond, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	15	3	12		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	15	3	12	0.3	
Net Change	15	3	12	0.3	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-37P, Demarest Lloyd Park,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Bristol

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [064](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-026A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-37P

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-37P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-37P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-37P are described below.

Recommended Removals:

- An area of undeveloped fastland located on the mainland (to better align the unit boundary with the

western boundary of Demarest Lloyd Memorial State Park)

Recommended Additions:

- Stetson-Piney Island Reserve, owned by the Dartmouth Natural Resources Trust and located north of Demarest Lloyd Memorial State Park
- Portions of Wylde Reserve, owned by the Dartmouth Natural Resources Trust and located south of Demarest Lloyd Memorial State Park
- A small barrier beach and associated aquatic habitat that are privately owned and subject to a conservation restriction (held by the Massachusetts Audubon Society), located south of Demarest Lloyd Memorial State Park
- Associated aquatic habitat located along Giles Creek, Slocums River, and Potomska Point, including several small undeveloped fastland islands and spits. These areas are not held for conservation and/or recreation.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-37P, Demarest Lloyd Park, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	249	75	174	0.9	
Added to the CBRS	161	10	151		0
Removed from the CBRS	9	9	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	401	76	325	1.5	
Net Change	152	1	151	0.6	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C33, Little Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Bristol

Congressional District: 9

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [064](#) dated October 24, 1990
- Map [065A](#) dated October 15, 1992

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-026A](#) dated December 18, 2020
- Draft map [25-027A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C33.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative actions:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

- Federal Register notice (58 FR 60288) published on November 15, 1993, in accordance with Section 4 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C33 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C33 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C33 are described below.

Recommended Removals:

- Two structures and associated fastland located between Jordan Road and Allens Pond

- One structure and associated fastland located north of Allens Pond

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat located along the landward boundary of the unit
- Minor areas of undeveloped fastland and associated aquatic habitat located along the landward and the western lateral boundaries of the unit (owned by the Massachusetts Audubon Society)

Other Modifications/Information:

- An area that is privately owned and subject to a conservation restriction held by the Trustees of Reservations (a conservation organization) is currently located within System Unit C33. This area is not recommended for reclassification to an Otherwise Protected Area (OPA) because the conservation restriction was placed on the property after the area was first included in 1982 within the CBRS.
- Portions of Allens Pond Wildlife Sanctuary (owned by the Massachusetts Audubon Society) are currently located within System Unit C33. These areas are not recommended for reclassification to an OPA because the majority of them were not held for conservation and/or recreation when they were first included within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C33, Little Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	600	101	499	1.6	
Added to the CBRS	14	4	10		0
Removed from the CBRS	4	4	0		3
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	610	101	509	1.6	
Net Change	10	0	10	0.0	(3)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C34, Horseneck Beach, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Bristol

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [065A](#) dated October 15, 1992

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-027A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C34.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)
- Federal Register notice (58 FR 60288) published on November 15, 1993, in accordance with Section 4 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping

Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

The Service received comments specific to Unit C34.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit C34 between proposed and final recommended are described below:

- The landward boundary in the vicinity of Deacon Road in Westport has been modified to avoid adding to the CBRS two privately owned undeveloped lots that have access to a full complement of infrastructure.

Final Recommended Changes:

The final recommended changes to Unit C34 are described below.

Recommended Removals:

- Three structures and undeveloped fastland along Old John Reed Road
- A marina at the end of Westport Point
- One accessory structure at the end of Puddingstone Lane

Recommended Additions:

- Undeveloped beach and associated aquatic habitat on the west side of the unit along Beach Avenue
- Portions of Horseneck Beach, including three privately owned commercial structures and multiple cabanas associated with the Bakers Beach Association
- Several small fastland islands and associated aquatic habitat in the West Branch of the Westport River
- Associated aquatic habitat in the East Branch of the Westport River
- A minor area of wetlands in the vicinity of Westport Point (owned by the Westport Land Conservation Trust)

Recommended Reclassifications:

- From System Unit C34 to Otherwise Protected Area (OPA) Unit C34P: Portions of Horseneck Beach State Reservation (owned by the Massachusetts Department of Conservation and Recreation (MA DCR))

Other Modifications/Information:

- Modification of a portion of the boundary of the excluded area at West Beach to better align with the break-in-development (i.e., where development ends, either immediately adjacent to the last structure in a cluster of structures or at the property parcel boundary of the last structure).
- Areas owned by the Town of Westport and held for conservation and/or recreation are included within System Unit C34. The Town concurred with classifying these areas as System Unit rather than OPA.
- A portion of Horseneck Beach State Reservation (owned by the MA DCR) located east of John Reed Road and on the western side of The Let is currently located within System Unit C34. This area is not recommended for reclassification to an OPA because it was acquired by the MA DCR after the area was first included in 1990 within the CBRS.
- Several areas owned by the Westport Land Conservation Trust for conservation and/or recreation purposes are currently located within Unit C34. These areas are not recommended for reclassification to an OPA because they were not held for conservation and/or recreation at the time they were included within the CBRS.
- Portions of private property with a conservation restriction (held by the Trustees of Reservations and the Westport Land Conservation Trust) along the East Branch of the Westport River in the vicinity of Westport Point are located within Unit C34. These areas are not recommended for reclassification to an OPA because the conservation restriction was not in place when these areas were first included in 1990 within the CBRS.

- A minor portion of Horseneck Beach State Reservation (located north of East Beach Road) that was acquired by the MA DCR for conservation and/or recreation purposes prior to being included in 1982 within System Unit C34 is not recommended for reclassification to an OPA
- Big Ram's Island and White's Flat (owned by the Westport Land Conservation Trust) are currently located within Unit C34. It is unknown whether or not the island and flat were held for conservation and/or recreation when they were first included in 1990 within the CBRS. The Service did not receive a response from the Trust regard-

ing the areas it owns during either the stakeholder outreach phase of the project or the public comment period. Therefore, no changes have been made to these areas.

- Gunning Island (owned by the Massachusetts Audubon Society) is currently located within Unit C34. Gunning Island was held for conservation and/or recreation when it was first included in 1990 within the CBRS, but is not recommended for reclassification to an OPA. The Service sought input from the Audubon Society; however, the Service did not receive a response on whether it concurs or not with maintaining this area within the CBRS as System Unit during either the

stakeholder outreach phase of the project or the public comment period. A 1985 letter from the Massachusetts Audubon Society in the Service's records supported the proposed expansion of the CBRS and welcomed the additional protections for the areas they owned that were included within the CBRS. Therefore, no changes were made to this area.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C34, Horseneck Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	2,894	219	2,675	2.0	
Added to the CBRS	290	26	264		6
Removed from the CBRS	5	1	4		4
Reclassified Area ⁵	(178)	(3)	(175)		0
Final Recommended Unit	3,001	241	2,760	2.2	
Net Change	107	22	85	0.3	2

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C34P, Horseneck Beach, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Bristol

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [065A](#) dated October 15, 1992

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-027A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit C34P.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register notice (58 FR 60288) published on November 15, 1993, in accordance with Section 4 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

The Service received comments specific to Unit C34P.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C34P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C34P are described as follows.

Recommended Removals:

- Three structures and associated fastland along Old John Reed Road
- Three structures and associated fastland on East Beach Road

Recommended Additions:

- Portions of the Horseneck Beach State Reservation (owned by the Massachusetts Department of Conservation and Recreation) located just east of John Reed Road and along East Beach Road

Recommended Reclassifications:

- From System Unit C34 to OPA Unit C34P: Portions of the Horseneck Beach State Reservation

Other Modifications/Information:

- Modification of portions of the boundaries of the excluded areas located north of Gooseberry Neck to better align with the boundary of the Horseneck Beach State Reservation

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Technical Correction Assessment: The Service has completed a Technical Correction Assessment to address a request that was received to determine whether a mapping error exists for a specific area within this unit. The assessment can be found on page D-147 in appendix D of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Acreage, Shoreline, and Structure Information for Unit C34P, Horseneck Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	636	443	193	4.1	
Added to the CBRS	10	7	3		0
Removed from the CBRS	3	3	0		6
Reclassified Area ⁵	178	3	175		0
Final Recommended Unit	821	450	371	4.0	
Net Change	185	7	178	0.3	(6)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

Technical Correction Assessment for Properties on East Beach Road in CBRS Unit C34P

Overview

The John H. Chafee Coastal Barrier Resources System (CBRS) is depicted on a set of maps that is maintained by the U.S. Fish and Wildlife Service (Service). Aside from three minor exceptions, only legislation enacted by Congress can modify the CBRS maps. A “technical correction” is a correction to a CBRS map to fix a legitimate mapping error. The Service receives numerous requests from property owners and other interested parties who seek to remove areas from the CBRS based on an alleged technical mapping error. The Service considers a technical mapping error to be a mistake in the delineation of the CBRS boundaries that was made as a result of incorrect, outdated, or incomplete information (often stemming from inaccuracies on the original base maps).

The Service generally does not recommend removal of areas from the CBRS unless there is clear and compelling evidence that a technical mapping error led to their inclusion within the CBRS. In order to determine whether a technical mapping error exists, the Service conducts a comprehensive review of the history of the CBRS unit in question which generally includes an assessment of the Service’s background records for the unit, the controlling and historical CBRS maps of the area, the historical development status of the area, aerial imagery, and any materials submitted by property owners and other interested parties. When the Service determines that a technical correction to a map is warranted, we prepare a new comprehensively modernized map for the area. The updated map becomes effective only if adopted through legislation enacted by Congress.

The Service was first contacted in 2016 by a private property owner who sought to remove property along East Beach Road (south of John Reed Road) in Westport, Massachusetts, from CBRS Unit C34P. The property owner believes that this property was included within the CBRS in error.

Service Findings

The Service has carefully assessed all of the information provided by the party indicated above as well as the materials that are typically reviewed as part of a technical correction assessment. The Service found that three residential properties along East Beach Road within Unit C34P are appropriate for removal from the CBRS, including the one for which we received a request. The Coastal Barrier Resources Act (CBRA) development criteria and the Service’s findings related to this technical correction assessment are explained in further detail below. Additional areas recommended for removal from this unit are listed in the Summary of Final Recommended Changes for Unit C34P.

CBRA Development Criteria and CBRS Boundary Intent

CBRA requires that the Service consider the following criteria in determining whether a coastal barrier was undeveloped at the time of inclusion within the CBRS: (A) the density of development was less than one structure per five acres of land above mean high tide; and (B) there was existing infrastructure consisting of (i) a road, with a reinforced road bed, to each lot or building site in the area; (ii) a wastewater disposal system sufficient to serve each lot or building site in the area; (iii) electric service for each lot or building site in the area; and (iv) a fresh water supply for each lot or building site in the area. When assessing whether an area may be appropriate for removal, the Service also considers the location of geomorphic, cultural, and development features on the ground at the time the area was included within the CBRS (i.e., whether the CBRS boundary lines on the maps precisely follow the underlying features they were intended to follow on the ground).

The Service’s review of the area within Unit C34P along East Beach Road found that three structures were on the ground prior to the area’s inclusion in 1990 within the CBRS. These structures are appropriate for removal from the CBRS because the CBRS boundary in this area was intended to follow the boundary of the adjacent Horseneck Beach State Reservation, which was not depicted correctly on the 1977 U.S. Geological Survey topographic quadrangle that was used as the base map for the October 24, 1990, CBRS map. Because it was determined that the CBRS boundary did not accurately follow the underlying features it was intended to follow on the ground in this area, a review of density and infrastructure was not needed.

¹ The administrative authority of the Service to make changes to the CBRS boundaries is limited to changes made as a result of natural forces (such as erosion and accretion), voluntary additions by property owners, and additions of excess property to the CBRS (16 U.S.C. 3503).

² Coastal Barrier Resources, U.S. Code 16 (2018), § 3503(g)(1).

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C35, Richmond/Cockeast Ponds,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Bristol

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [065A](#) dated October 15, 1992

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-027A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C35.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)
- Federal Register notice (58 FR 60288) published on November 15, 1993, in accordance with Section 4 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C35 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C35 between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit C35 are described below.

Recommended Additions:

- Associated aquatic habitat located to the east, west, and north of Cockeast Pond
- Undeveloped beach areas located to the east and west of Richmond Pond
- Associated aquatic habitat located to the north and west of Richmond Pond
- Minor areas of fastland and associated aquatic habitat (located to the southwest of both Richmond Pond and Cockeast Pond) that are held for conservation and/or recreation by the Westport Land Conservation Trust

Other Modifications/Information:

- Areas held for conservation and/or recreation (owned by the Westport Land Conservation Trust and Westport Harbor Improvement Corporation) are currently located within System Unit C35. These areas are not recommended for reclassification to an Otherwise Protected Area because they were conserved after the area was first included in 1982 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C35, Richmond/Cockeest Ponds, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	213	30	183	0.8	
Added to the CBRS	24	5	19		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	237	35	202	1.0	
Net Change	24	5	19	0.2	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C20, Coataue,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Nantucket

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [053](#) dated October 24, 1990

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-028A](#) dated December 18, 2020
- Draft map [25-029A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C20.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C20 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C20 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C20 are described below.

Recommended Removals:

- One structure along Wauwinet Road, located on the spit of land between Head of the Harbor and the Atlantic Ocean
- One structure along Wauwinet Road near Polpis Harbor
- Two structures at the end of Top Gale Lane
- Town Pier and fastland associated with the Great Harbor Yacht Club, both located on the western side of Nantucket Harbor

Recommended Additions:

- Undeveloped fastland west of Wauwinet Road

Recommended Reclassifications:

- From System Unit C20 to recommended new Otherwise Protected Area (OPA) Unit C20P: Portions

of the southern Coataue peninsula and areas of open water and other associated aquatic habitat along Nantucket Harbor (including ten structures). This reclassified area includes many parcels that are held for conservation and/or recreation (owned by the Nantucket Conservation Foundation, Nantucket Islands Land Bank, and the Town of Nantucket).

Other Modifications/Information:

- Nantucket National Wildlife Refuge (owned by the Service) at the tip of Great Point is currently included within System Unit C20 and is not recommended for reclassification to an OPA
- Areas owned by the Trustees of Reservations (a conservation organization) along portions of the Coataue and Great Point peninsulas are currently located within System Unit C20. Although most of these areas were held for conservation and/or recreation before they were included within System Unit C20, they are not recommended for reclassification to an OPA. A 1985 letter from the Trustees of Reservations supports the inclusion of the areas it owns within the System Unit.
- The existing System Unit contains portions of areas held for conservation and/or recreation (owned by the Nantucket Conservation Foundation). These areas are not recommended for reclassification to an OPA because they are either minor or were not held for conservation and/or recreation when they were first included within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C20, Coatue, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	6,765	1,075	5,690	13.9	
Added to the CBRS	16	11	5		0
Removed from the CBRS	13	3	10		4
Reclassified Area ⁵	(3,609)	(338)	(3,271)		(10)
Final Recommended Unit	3,159	745	2,414	10.1	
Net Change	(3,606)	(330)	(3,276)	(3.7)	(14)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C20P, Coatue,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new
Otherwise Protected Area (OPA)

County: Nantucket

Congressional District: 9

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-028A](#) dated December 18, 2020
- Draft map [25-029A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see

chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C20P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C20P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit C20P is mostly within the boundaries of existing System Unit C20, which was established by the Coastal Barrier Resources Act (Pub. L. 97-348 enacted on October 18, 1982). The areas within this recommended new unit that are currently within Unit C20 are recommended for reclassification from a System Unit to an OPA. The remaining areas within this proposed new OPA are not currently within the CBRS.

Included within new OPA Unit C20P are the following area(s):

- Portions of the southern Coatue peninsula (most of which is owned by the Nantucket Conservation Foundation)

- Areas of open water and other associated aquatic habitat along Nantucket Harbor (including areas held for conservation and/or recreation that are owned by the Nantucket Conservation Foundation, the Nantucket Islands Land Trust, and the Town of Nantucket)
- Jetties Beach (owned by the Town of Nantucket and held for conservation and/or recreation)
- Undeveloped fastland and associated aquatic habitat that are privately owned and not held for conservation and/or recreation, located between Brant Point and Jetties Beach
- Undeveloped fastland and wetlands that are privately owned and not held for conservation and/or recreation located along the western and southern sides of Nantucket Harbor
- Four privately owned structures, five structures owned by the Nantucket Conservation Foundation, and one structure owned by the U.S. Coast Guard. These structures are currently within System Unit C20 and are recommended for reclassification to new OPA Unit C20P.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C20P, Coatue, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	202	35	167		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	3,609	338	3,271		10
Final Recommended Unit	3,811	373	3,438	4.3	
Net Change	3,811	373	3,438	4.3	10

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C21, Sesachacha Pond,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Nantucket

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [053](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-028A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C21.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C21 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C21 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C21 are described as follows.

Recommended Additions:

- Undeveloped fastland along the barrier feature north of the end of Hoicks Hollow Road
- A small area of wetlands on the northwestern side of Sesachacha Pond south of Beacon Lane
- A minor portion of an area owned by the Massachusetts Audubon Society along the barrier feature on the north side of the unit

Other Modifications/Information:

- Areas held for conservation and/or recreation (owned by the Massachusetts Audubon Society) are currently located within System Unit C21. These areas are not recommended for reclassification to an Otherwise Protected Area (OPA) because they are minor or were acquired by the Massachusetts Audubon Society after the areas were included within the CBRS.
- Minor portions of areas held for conservation and/or recreation (owned by the Nantucket Islands Land Bank (a conservation organization) and the Town of Nantucket) are currently located within System Unit C21. These areas are not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C21, Sesachacha Pond, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	304	10	294	0.5	
Added to the CBRS	5	2	3		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	309	12	297	0.5	
Net Change	5	2	3	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C22P, Cisco Beach, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Nantucket

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [054](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-029A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established this unit as System Unit C22.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C22P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C22P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C22P are described below.

Recommended Additions:

- The northern portion of Clark Cove and associated wetlands (owned by the Nantucket Conservation Foundation)
- Wetlands around Hummock Pond and the southern portion of Clark Cove (most of which are owned by the Nantucket Conservation Foundation)
- Undeveloped fastland and wetlands along Ram Pasture near the Atlantic Ocean shoreline (owned by the Nantucket Conservation Foundation)
- Minor areas of wetlands not held for conservation and/or recreation, located along the eastern side of Hummock Pond, west of Hummock Pond Road

Recommended Reclassifications:

- From System Unit C22 to recommended new OPA Unit C22P: The entirety of existing System Unit C22, which consists of the barrier feature, portions of Hummock Pond and Clark Cove and wetlands along Hummock Pond, Clark Cove, and Ram Pasture, is recommended for reclassification to recommended OPA Unit C22P because the coastal barrier system is predominantly held for conservation and/or recreation. There is no separate unit summary for Unit C22.

Other Modifications/Information:

- Modification of the lateral boundary of the unit to account for natural changes along the shoreline.
- Undeveloped fastland and wetlands that are privately owned and not held for conservation and/or recreation are located within the area reclassified from System Unit C22 to recommended OPA Unit C22P. These areas are reclassified to OPA because the coastal barrier system is predominantly held for conservation and/or recreation.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C22P, Cisco Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	50	7	43		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	194	10	184		0
Final Recommended Unit	244	17	227	0.5	
Net Change	244	17	227	0.5	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C23, Esther Island Complex, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Nantucket

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [054](#) dated October 24, 1990

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-029A](#) dated December 18, 2020
- Draft map [25-030A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C23.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)
- Federal Register notice (58 FR 60288) published on November 15, 1993, in accordance with Section 4 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C23 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C23 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C23 are described below.

Recommended Removals:

- One structure on Blue Heron Way

Recommended Additions:

- Shoals in the open water north and west of Eel Point
- Small areas of fastland and wetlands located just southeast of Eel Point, along Blue Heron Way, and along Hither Creek

Recommended Reclassifications:

- From System Unit C23 to recommended new Otherwise Protected Area (OPA) Unit C23P: Portions of Eel Point (most of which are owned by the Nantucket Conservation Foundation and the Nantucket Islands Land Bank, a conservation organization) and minor areas on Eel Point of undeveloped fastland and wetlands not held for conservation and/or recreation
- From System Unit C23 to recommended new OPA Unit C23P: Portions of Little Neck (owned by the Nantucket Conservation Foundation), Jackson Point (owned by the Nantucket Islands Land Bank), and minor areas of privately owned wetlands not held for conservation and/or recreation to the west of Jackson Point

Other Modifications/Information:

- Areas owned by the Town of Nantucket and held for conservation and/or recreation are currently located within System Unit C23. These areas are not recommended for reclassification to an OPA because they are either minor or were not held for conservation and/or recreation when the areas were first included within the CBRS.
- Areas owned by the Nantucket Islands Land Bank and held for conservation and/or recreation are currently located within System Unit C23. These areas are not recommended for reclassification to an OPA because they were acquired by the Land Bank after they were included within the CBRS.
- Areas owned by the County of Nantucket and held for conservation and/or recreation are currently located within System Unit C23. These areas are not recommended for reclassification to an OPA because they were not held for conservation and/or recreation when the areas were first included in 1982 within the CBRS.
- Areas owned by the Massachusetts Audubon Society are currently located within System Unit C23. These areas are not recommended for reclassification to an OPA because they were acquired by the Audubon Society after they were included in 1982 within the CBRS.
- Areas owned by the Nantucket Conservation Foundation and held for conservation and/or recreation are currently located within System Unit C23. These areas are not recommended for reclassification to an OPA because they are either minor or were acquired by the Foundation after they were included within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C23, Esther Island Complex, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	1,525	173	1,352	3.1	
Added to the CBRS	403	5	398		0
Removed from the CBRS	0	0	0		1
Reclassified Area ⁵	(189)	(85)	(104)		0
Final Recommended Unit	1,739	93	1,646	4.1	
Net Change	214	(80)	294	1.0	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C23P, Esther Island Complex, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Nantucket

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-029A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022

Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C23P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C23P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit C23P is partially within the boundaries of existing System Unit C23, which was established by the Coastal Barrier Resources Act (Pub. L. 97-348 enacted on October 18, 1982). The areas within this recommended new unit that are currently within Unit C23 are recommended for reclassification from a System Unit to an OPA. The remaining areas within this recommended new OPA are not currently within the CBRS.

Included within new OPA Unit C23P are the following area(s):

- Portions of Eel Point (most of which are owned by the Nantucket Conservation Foundation and the

Nantucket Islands Land Bank, a conservation organization)

- Portions of Little Neck (owned by the Nantucket Conservation Foundation) and Jackson Point (owned by the Nantucket Islands Land Bank)
- An area owned by the Massachusetts Audubon Society at Smith's Point
- Areas of fastland and wetlands along Madaket Beach from Long Pond west toward Smith's Point (including areas owned by the Massachusetts Audubon Society and the Madaket Conservation Land Trust)
- One privately owned structure along California Avenue, near the southern end of Hither Creek
- Minor areas of undeveloped fastland and wetlands not held for conservation and/or recreation, located on Eel Point, to the west of Jackson Point, and along Madaket Beach from Long Pond west toward Smith's Point

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C23P, Esther Island Complex, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	47	22	25		1
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	189	85	104		0
Final Recommended Unit	236	107	129	1.1	
Net Change	236	107	129	1.1	1

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C24, Tuckernuck Island,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Nantucket

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [055](#) dated October 24, 1990

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-029A](#) dated December 18, 2020
- Draft map [25-030A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C24.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C24 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit C24 between proposed and final recommended are described below:

- A minor modification has been made to the boundary to better fit the updated base map imagery

Final Recommended Changes: The final recommended changes to Unit C24 are described as follows.

Recommended Additions:

- Wetlands along the east side of North Pond and the south side of East Pond
- Associated aquatic habitat and shoals to the south and east of Tuckernuck Island

Other Modifications/Information:

- Areas of privately owned property with a conservation restriction (held by the Trustees of Reservations) are located within System Unit C24 on Tuckernuck Island along the barrier feature of East Pond. These areas are not recommended for reclassification to an Otherwise Protected Area (OPA) because the conservation restriction was not in place when these areas were first included within the CBRS.
- Areas of privately owned properties with conservation restrictions (held by the Nantucket Land Council) are located within System Unit C24 on Tuckernuck Island along the barrier feature and shoreline of North Pond. These areas are not recommended for reclassification to an OPA because they are minor or the conservation restrictions were not in place when these areas were first included within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C24, Tuckernuck Island, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	378	50	328	2.8	
Added to the CBRS	199	14	185		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	577	64	513	4.4	
Net Change	199	14	185	1.6	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C25, Muskeget Island,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Nantucket

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [055](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-030A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C25.

Historical Changes: The CBRS map for this unit has been modified

by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C25 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C25 between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit C25 are described below.

Recommended Additions:

- Shoals surrounding Muskeget Island

Other Modifications/Information:

- An area on Muskeget Island held for conservation and/or recreation (owned by the Nantucket Islands Land Bank, a conservation organization) is currently located within System Unit C25. This area is not recommended for reclassification to an Otherwise Protected Area (OPA) because it was acquired by the Land Bank after the area was first included in 1982 within the CBRS.
- An area on Muskeget Island held for conservation and/or recreation (owned by the Muskeget Island Trust, a conservation organization) is currently located within System Unit C25. This area is not recommended for reclassification to an OPA because it was acquired by the Trust after the area was first included in 1982 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C25, Muskeget Island, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	836	142	694	2.2	
Added to the CBRS	947	0	947		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	1,783	142	1,641	2.6	
Net Change	947	0	947	0.4	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit MA-26, Harthaven, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Dukes

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [056](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-031A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-26.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-26 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-26 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-26 are described below.

Recommended Additions:

- Portion of Beach Road that is located east of the southern end of Farm Pond and undeveloped fast-

land and associated aquatic habitat that are adjacent to the road

- Associated aquatic habitat north of Farm Pond Road
- Minor portion of associated aquatic habitat along South Circuit Avenue near Farm Pond (owned by the Town of Oaks Bluff and held for conservation and/or recreation)
- Associated aquatic habitat on the northeast side of Farm Pond

Other Modifications/Information:

- An area held for conservation and/or recreation (owned by the Town of Oaks Bluff) is currently located within System Unit MA-26. This area is not recommended for reclassification to an OPA because it was acquired by the Town after the area was first included in 1990 within the CBRS.
- Areas owned by the Martha's Vineyard Land Bank (a conservation organization) and held for conservation and/or recreation are included within System Unit MA-26. The Land Bank concurred with classifying these areas as System Unit rather than OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-26, Harthaven, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	89	18	71	0.9	
Added to the CBRS	8	3	5		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	97	21	76	1.0	
Net Change	8	3	5	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-27, Edgartown Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: Recommended new System Unit

County: Dukes

Congressional District: 9

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-031A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on

the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-27 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-27 between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new System Unit MA-27 is partially within the boundaries of existing Otherwise Protected Area (OPA) Unit MA-27P, which was established by the Coastal Barrier Improvement

Act (Pub. L. 101-591 enacted on November 16, 1990). The areas within this recommended new unit that are currently within Unit MA-27P are recommended for reclassification from an OPA to a System Unit. The remaining areas within this recommended new System Unit are not currently within the CBRS.

Included within new System Unit MA-27 are the following area(s):

- Portions of Edgartown Beach located east of Beach Road and north of Cow Bay Road and associated aquatic habitat including Trapps Pond
- Several scattered non-residential structures along the shoreline of Edgartown Beach

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-27, Edgartown Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	0	0	0	0.0	
Added to the CBRS	60	15	45		1
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	30	8	22	0.0	1
Final Recommended Unit	90	23	67	0.6	
Net Change	90	23	67	0.6	2

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

Hurricane Sandy Remapping Project

John H. Chafee Coastal Barrier Resources System (CBRS) Unit MA-27P, Edgartown Beach, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Dukes

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [056](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-031A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on

November 16, 1990 (56 FR 26304), originally established Unit MA-27P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-27P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-27P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-27P are described as follows.

Recommended Removals:

- One structure and a small area of fastland along Calves Pasture Lane

Recommended Additions:

- Small areas of wetlands along the landward boundary of the unit

Recommended Reclassifications:

- From OPA Unit MA-27P to recommended new System Unit MA-27: Portions of Edgartown Beach located east of Beach Road and north of Cow Bay Road that are privately owned and not held for conservation and/or recreation

Other Modifications/Information:

- Fastland and wetlands that are privately owned and not held for conservation and/or recreation are currently located within OPA Unit MA-27P along the landward boundary. These areas are not recommended for reclassification to a System Unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-27P, Edgartown Beach, Massachusetts

	Total Acres	Fastland Acres ¹	Associated Aquatic Habitat Acres ²	Shoreline (Miles)	Structures ³
Existing Unit ⁴	1,075	135	940	2.3	
Added to the CBRS	11	4	7		0
Removed from the CBRS	3	3	0		1
Reclassified Area ⁵	(30)	(8)	(22)		(1)
Final Recommended Unit	1,053	128	925	2.1	
Net Change	(22)	(7)	(15)	(0.2)	(2)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C26, Eel Pond Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Dukes

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [056](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-031A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C26.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C26 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C26 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C26 are described as follows.

Recommended Removals:

- One structure and a small area of fastland along Planting Field Way

Recommended Additions:

- Associated aquatic habitat along the northwest side of Eel Pond (including areas owned by the Sheriff's Meadow Foundation (a conservation organization) and held for conservation and/or recreation)
- The entire width of the Edgartown Harbor channel near Chappaquidick Point

Other Modifications/Information:

- Areas owned by Sheriff's Meadow Foundation and held for conservation and/or recreation are included within System Unit C26. The Foundation concurred with classifying the areas it owns as System Unit rather than Otherwise Protected Area (OPA).
- Areas owned by the Town of Edgartown and held for conservation and/or recreation are included within System Unit C26. The Town concurred with classifying the conservation/recreation areas it owns as System Unit rather than OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C26, Eel Pond Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	130	20	110	1.5	
Added to the CBRS	25	6	19		0
Removed from the CBRS	3	3	0		1
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	152	23	129	1.8	
Net Change	22	3	19	0.3	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit C27, Cape Poge, Massachusetts

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Dukes

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [056](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-031A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C27.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C27 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C27 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C27 are described below.

Recommended Removals:

- One structure along Dike Road

Recommended Additions:

- Associated aquatic habitat on North Neck and in Edgartown Harbor
- Small areas of wetlands along the landward boundary of the unit (including some areas owned by the Martha's Vineyard Land Bank (a conservation organization) and held for conservation and/or recreation)

Other Modifications/Information:

- Portions of Cape Poge Elbow and other associated aquatic habitat (owned by the Trustees of Reservations) that were held for conservation and/or recreation before the

areas were included within System Unit C27 are not recommended for reclassification to an Otherwise Protected Area (OPA). A 1985 letter from the Trustees of Reservations supports the inclusion of the areas it owns within the System Unit.

- Areas owned by the Town of Edgartown and held for conservation and/or recreation are included within System Unit C27. The Town concurred with classifying these areas as System Unit rather than OPA.
- Areas owned by the Sheriff's Meadow Foundation (a conservation organization) and held for conservation and/or recreation are included within System Unit C27. The Foundation concurred with classifying these areas as System Unit rather than OPA.
- Areas owned by the Martha's Vineyard Land Bank and held for conservation and/or recreation are included within System Unit C27. The Land Bank concurred with classifying these areas as System Unit rather than OPA.
- An area between Dike Road and Wasque Point owned by the State of Massachusetts and held for conservation and/or recreation is currently located within System Unit C27. This area is not recommended for reclassification to an OPA because it was not held for conservation and/or recreation when the area was first included in 1982 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C27, Cape Poge, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	2,552	366	2,186	7.2	
Added to the CBRS	29	7	22		0
Removed from the CBRS	1	1	0		1
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	2,580	372	2,208	7.6	
Net Change	28	6	22	0.4	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

Hurricane Sandy Remapping Project

John H. Chafee Coastal Barrier Resources System (CBRS) Unit MA-28P, Norton Point, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Dukes

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [056](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-031A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on

November 16, 1990 (56 FR 26304), originally established Unit MA-28P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-28P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-28P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit MA-28P are described as follows.

Recommended Additions:

- A portion of the Wasque Reservation (owned by the Trustees of Reservations, a conservation organization) between Norton Point and Wasque Point
- Portions of South Beach State Park along Atlantic Drive

Other Modifications/Information:

- Undeveloped fastland and wetlands that are privately owned and not held for conservation and/or recreation are currently located within OPA Unit MA-28P. These areas are not recommended for reclassification to a System Unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-28P, Norton Point, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	1,378	33	1,345	3.1	
Added to the CBRS	106	82	24		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	1,484	115	1,369	4.3	
Net Change	106	82	24	1.2	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C28, South Beach,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Dukes

Congressional District: 9

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [056](#) dated October 24, 1990
- Map [057A](#) dated July 12, 1996

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-031A](#) dated December 18, 2020
- Draft map [25-032A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C28.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative actions:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)
- Federal Register notice (62 FR 8258) published on February 24, 1997, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the

Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C28 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C28 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C28 are described below.

Recommended Removals:

- One structure at the end of Garden Cove Road along the shoreline of Crackatuxet Cove

Recommended Additions:

- Fastland and associated aquatic habitat west of South Beach State Park and southeast of Crackatuxet Cove (including a clubhouse building and several associated structures)
- Undeveloped fastland and associated aquatic habitat along Lucy Vincent Beach
- Undeveloped fastland and associated aquatic habitat around Chilmark Pond
- Associated aquatic habitat along Black Point Pond
- Associated aquatic habitat along Tisbury Great Pond, Short Cove, Tiah Cove, and Deep Bottom Cove
- A portion of Oyster Pond
- Associated aquatic habitat in Jobs Neck Cove
- Associated aquatic habitat along Jobs Neck Pond
- Jacobs Pond
- A portion of Mashacket Cove
- Areas owned by the Sheriff's Meadow Foundation (a conservation organization) and held for conservation and/or recreation
- Area owned by the Martha's Vineyard Land Bank (a conservation organiza-

tion) and held for conservation and/or recreation

Other Modifications/Information:

- Areas owned by the Martha's Vineyard Land Bank and held for conservation and/or recreation are included within System Unit C28. The Land Bank concurred with classifying these areas as System Unit rather than Otherwise Protected Area (OPA).
- Areas owned by the Sheriff's Meadow Foundation and held for conservation and/or recreation are included within System Unit C28. The Foundation concurred with classifying these areas as System Unit rather than OPA.
- Areas owned by the Trustees of Reservations (a conservation organization) located between Tisbury Great Pond and Homer Pond that were held for conservation and/or recreation before the area was included in 1982 within System Unit C28 are not recommended for reclassification to an OPA. A 1985 letter from the Trustees of Reservations supports the inclusion of the areas it owns within the System Unit.
- Areas owned by the Town of Edgartown and held for conservation and/or recreation are included within System Unit C28. The Town concurred with classifying these areas as System Unit rather than OPA.
- Areas owned by The Nature Conservancy (TNC) and held for conservation and/or recreation are currently located within System Unit C28. These areas are not recommended for reclassification to an OPA because they were acquired by TNC after they were first included within the CBRS.
- A minor area along Quenames Cove that is privately owned and subject to a conservation restriction held by the Sheriff's Meadow Foundation is currently located within System Unit C28. This area is not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C28, South Beach, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	2,802	340	2,462	9.7	
Added to the CBRS	266	66	200		2
Removed from the CBRS	1	1	0		1
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	3,067	405	2,662	10.4	
Net Change	265	65	200	0.7	1

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C29, Squibnocket Complex,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Dukes

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [058](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-033A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C29.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through

July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C29 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C29 between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit C29 are described below.

Recommended Removals:

- One structure on Peases Point

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat between Clay Pit Road and Clay Pit Place (including an area owned by the Martha's Vineyard Land Bank (a conservation organization) and held for conservation and/or recreation)
- Associated aquatic habitat along Oxcart Road
- Associated aquatic habitat north of Lighthouse Road (including an area owned by the Sheriff's Meadow Foundation (a conservation organization) and held for conservation and/or recreation)
- Undeveloped fastland and associated aquatic habitat west of Moshup Trail (including minor areas owned by the Sheriff's Meadow Foundation, Martha's Vineyard Land Bank, and the Town of Aquinnah that are held for conservation and/or recreation)
- Undeveloped fastland and associated aquatic habitat between Zacks Cliffs and Lily Pond

- Undeveloped fastland and associated aquatic habitat between Squibnocket Beach and Squibnocket Ridge
- Nashaquitsa Pond
- Undeveloped fastland between Menemsha and Nashaquitsa Ponds

Recommended Reclassifications:

- From Otherwise Protected Area (OPA) Unit C29P to System Unit C29: A portion of Menemsha Creek

Other Modifications/Information:

- Areas owned by Martha's Vineyard Land Bank and held for conservation and/or recreation are included within System Unit C29. The Land Bank concurred with classifying these areas as System Unit rather than OPA.
- Areas owned by the Sheriff's Meadow Foundation and held for conservation and/or recreation are included within System Unit C29. The Foundation concurred with classifying these areas as System Unit rather than OPA.
- Areas along the north side of Menemsha Pond (owned by the Town of Aquinnah) and held for conservation and/or recreation are currently located within System Unit C29. These areas are not recommended for reclassification to an OPA because they were acquired by the Town after the areas were first included in 1982 within the CBRS.
- An island in Squibnocket Pond owned by the Vineyard Open Land Foundation and held for conservation and/or recreation is currently located within System Unit C29. The island is not recommended for reclassification to an OPA because it was acquired by the Foundation after the area was first included in 1982 within the CBRS.
- A minor area owned by the State of Massachusetts is currently located within System Unit C29

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C29, Squibnocket Complex, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	2,070	389	1,681	6.3	
Added to the CBRS	314	105	209		0
Removed from the CBRS	91	2	89		1
Reclassified Area ⁵	4	0	4		0
Final Recommended Unit	2,297	492	1,805	6.6	
Net Change	227	103	124	0.3	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C29P, Squibnocket Complex,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: Otherwise Protected Area (OPA)

County: Dukes

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [058](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-033A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit C29P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C29P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C29P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C29P are described below.

Recommended Reclassifications:

- From OPA Unit C29P to System Unit C29: A portion of Menemsha Creek

Other Modifications/Information:

- Undeveloped fastland and wetlands that are privately owned and not held for conservation and/or recreation are currently located within OPA Unit C29P. These areas are not recommended for reclassification to a System Unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C29P, Squibnocket Complex, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	40	14	26	0.4	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	(4)	0	(4)		0
Final Recommended Unit	36	14	22	0.3	
Net Change	(4)	0	(4)	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

Hurricane Sandy Remapping Project

John H. Chafee Coastal Barrier Resources System (CBRS) Unit MA-29P, Nomans Land, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Dukes

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [058](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-033A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-29P.

Historical Changes: There have been no changes to the CBRS map for this unit since its establishment.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System*

Hurricane Sandy Remapping Project. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-29P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-29P between proposed and final recommended.

Final Recommended Changes: There are no recommended changes to this unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-29P, Nomans Land, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	1,641	449	1,192	2.3	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	1,641	449	1,192	2.3	
Net Change	0	0	0	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit MA-24, Naushon Island Complex,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Dukes

Congressional District: 9

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [050](#) dated October 24, 1990
- Map [051A](#) dated July 12, 1996

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-034A](#) dated December 18, 2020
- Draft map [25-035A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-24.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative action:

- Federal Register notice (62 FR 8258) published on February 24, 1997, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-24 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-24 between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit MA-24 are described below.

Recommended Additions:

- Bull Island, the eastern portion of Uncatena Island, and associated aquatic habitat
- Associated aquatic habitat on Veck-atimest Island and on the south-western side of Nonamesset Island
- Jobs Neck, Great Swamp, and associated aquatic habitat on Naushon Island
- Undeveloped fastland and associated aquatic habitat along Tarpaulin Cove of Naushon Island
- Undeveloped fastland and associated aquatic habitat along Crescent Beach on the north side of Naushon Island

Other Modifications/Information:

- The Naushon Point segment of System Unit MA-24 has been transferred to System Unit C31 in order to simplify mapping along Robinsons Hole

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-24, Naushon Island Complex,, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Added to the CBRS	458	138	320		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	821	265	556	7.6	

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

⁶ The net change includes 1 acre of fastland and 20 acres of associated aquatic habitat that were transferred from System Unit MA-24 to System Unit C31. This transfer between two units of the same type does not change the CBRA restrictions on Federal expenditures and financial assistance in these areas.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C29A, James Pond,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Dukes

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [059](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-034A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C29A.

Historical Changes: The CBRS map for this unit has been modified

by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C29A were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C29A between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit C29A are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along the landward boundary of the unit and to the west of James Pond
- A minor portion of an area owned by the Town of West Tisbury and held for conservation and/or recreation

Other Modifications/Information:

- Areas owned by the Town of West Tisbury and held for conservation and/or recreation are included within System Unit C29A. The Town concurred with classifying these areas as System Unit rather than Otherwise Protected Area (OPA).
- Areas owned by the Sheriff's Meadow Foundation (a conservation organization) and held for conservation and/or recreation are included within System Unit C29A. The Foundation concurred with classifying the areas it owns as System Unit rather than OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit C29A, James Pond, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	98	27	71	0.6	
Added to the CBRS	7	3	4		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	105	30	75	0.6	
Net Change	7	3	4	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C29B, Mink Meadows,
Massachusetts**

**Summary of Final Recommended
Changes**

Type of Unit: System Unit

County: Dukes

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [059](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-034A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C29B.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C29B were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit C29B between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C29B are described below.

Recommended Additions:

- Undeveloped fastland north of Lake Tashmoo
- Lake Tashmoo and associated aquatic habitat north of Hillman Point

- Undeveloped fastland and associated aquatic habitat west of Mink Meadows Pond
- Areas between Mink Meadows and Lake Tashmoo that are owned by the Martha's Vineyard Land Bank (a conservation organization) and held for conservation and/or recreation
- Areas between Mink Meadows and Lake Tashmoo and north of Rhoda Pond that are owned by the Sheriff's Meadows Foundation (a conservation organization) and held for conservation and/or recreation

Other Modifications/Information:

- Areas owned by the Martha's Vineyard Land Bank and held for conservation and/or recreation are included within System Unit C29B. The Land Bank concurred with classifying these areas as System Unit rather than Otherwise Protected Area (OPA).
- Areas owned by the Sheriff's Meadow Foundation and held for conservation and/or recreation are included within System Unit C29B. The Foundation concurred with classifying these areas as System Unit rather than OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C29B, Mink Meadow, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	49	13	36	0.8	
Added to the CBRS	254	31	223		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	303	44	259	1.8	
Net Change	254	31	223	1.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C31, Elizabeth Islands,
Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Dukes

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [052A](#) dated July 12, 1996

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [25-035A](#) dated December 18, 2020
- Draft map [25-036A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C31.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Federal Register notice (48 FR 17406) published on April 22, 1983, in accordance with Section 4(c)(1) of Pub. L. 97-348
- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

- Federal Register notice (62 FR 8258) published on February 24, 1997, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C31 were received.

Changes between Proposed and Final Recommended Boundaries:

There are no changes to Unit C31 between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit C31 are described below.

Recommended Additions:

- Associated aquatic habitat in Robinson's Hole between Pasque Island and Naushon Island
- Associated aquatic habitat along the southern beach of Pasque Island
- A portion of Quicks Hole between Nashawena Island and Pasque Island

- A portion of Cuttyhunk Harbor along Copicut Neck
- Minor areas of wetlands on private property subject to a conservation restriction (held by The Trustees of Reservations) located along Nashawena Island

Other Modifications/Information:

- The Gosnold Wildlife Management Area (owned by the Massachusetts Department of Fish and Game (MA DFG)) which was held for conservation and/or recreation when the area was first included in 1982 within the CBRS is not recommended for reclassification to an Otherwise Protected Area (OPA). The MA DFG concurred with maintaining this area as a System Unit rather than reclassifying it to an OPA.
- Privately owned areas (mostly wetlands) that are subject to a conservation restriction held by The Trustees of Reservations are currently located within System Unit C31. The conservation restriction was placed on the property before the areas were first included within the CBRS. However, these areas are not recommended for reclassification to an OPA.
- The Naushon Point segment of System Unit MA-24 has been transferred to System Unit C31 in order to simplify mapping along Robinsons Hole.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C31, Elizabeth Islands, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	1,042	247	795	7.5	
Added to the CBRS	149	7	142		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Transferred Area ⁶	21	1	20		
Final Recommended Unit	1,212	255	957	10.1	
Net Change ⁶	170	8	162	2.6	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived from an interpretation of base map imagery in consultation with National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles) and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

⁶ The net change includes 1 acre of fastland and 20 acres of associated aquatic habitat that were transferred from System Unit MA-24 to System Unit C31. This transfer between two units of the same type does not change the CBRA restrictions on Federal expenditures and financial assistance in these areas

John H. Chafee Coastal Barrier Resources System (CBRS) Unit MA-25P, Penikese Island, Massachusetts

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Dukes

Congressional District: 9

Existing Map: The existing CBRS map depicting this unit is:

- Map [052A](#) dated July 12, 1996

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-036A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit MA-25P.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register notice (62 FR 8258) published on February 24, 1997, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received

and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit MA-25P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit MA-25P between proposed and final recommended.

Final Recommended Changes: There are no recommended changes to this unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit MA-25P, Penikese Island, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	953	65	888	1.5	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	953	65	888	1.5	
Net Change	0	0	0	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit C34A, Cedar Cove, Massachusetts**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Bristol

Congressional District: 4

Existing Map: The existing CBRS map depicting this unit is:

- Map [066](#) dated October 24, 1990

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [25-037A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit C34A.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from March 12 through July 10, 2018 (83 FR 10739). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit C34A were received.

Changes between Proposed and Final Recommended Boundaries:

There are no changes to Unit C34A between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit C34A are described below.

Recommended Removals:

- Fastland along the eastern shore of Cedar Cove

Recommended Additions:

- Associated aquatic habitat north of Cedar Cove

Other Modifications/Information:

- A segment of offshore boundary is added to Unit C34A to clarify the extent of the unit in the Cole River.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit C34A, Cedar Cove, Massachusetts

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	21	3	18	0.4	
Added to the CBRS	0	0	0		0
Removed from the CBRS	2	2	0		0
Reclassified Area ⁵	0	0	0		0
Final Recommended Unit	19	1	18	0.4	
Net Change	(2)	(2)	0	0.0	0

¹ Land above mean high tide.

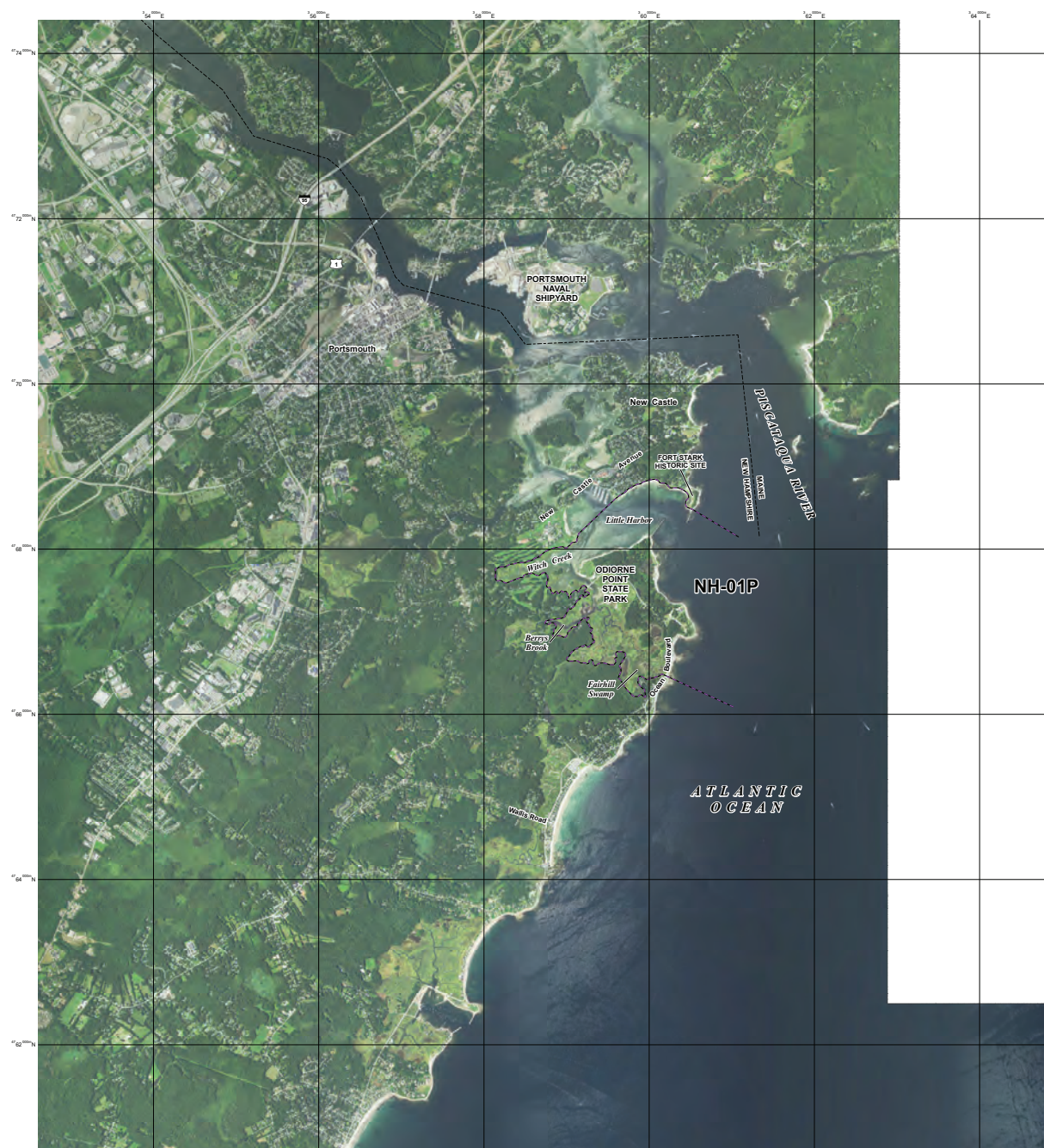
² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ The methodology used to calculate acreage was improved between the proposed and final recommended phases for the first batch of states (DE, MA, NH, and NJ) included in this project. The existing acreage reported for some units has been updated using this new methodology.

⁵ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

Final Recommended



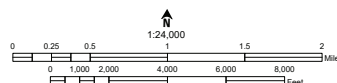
This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbrs.

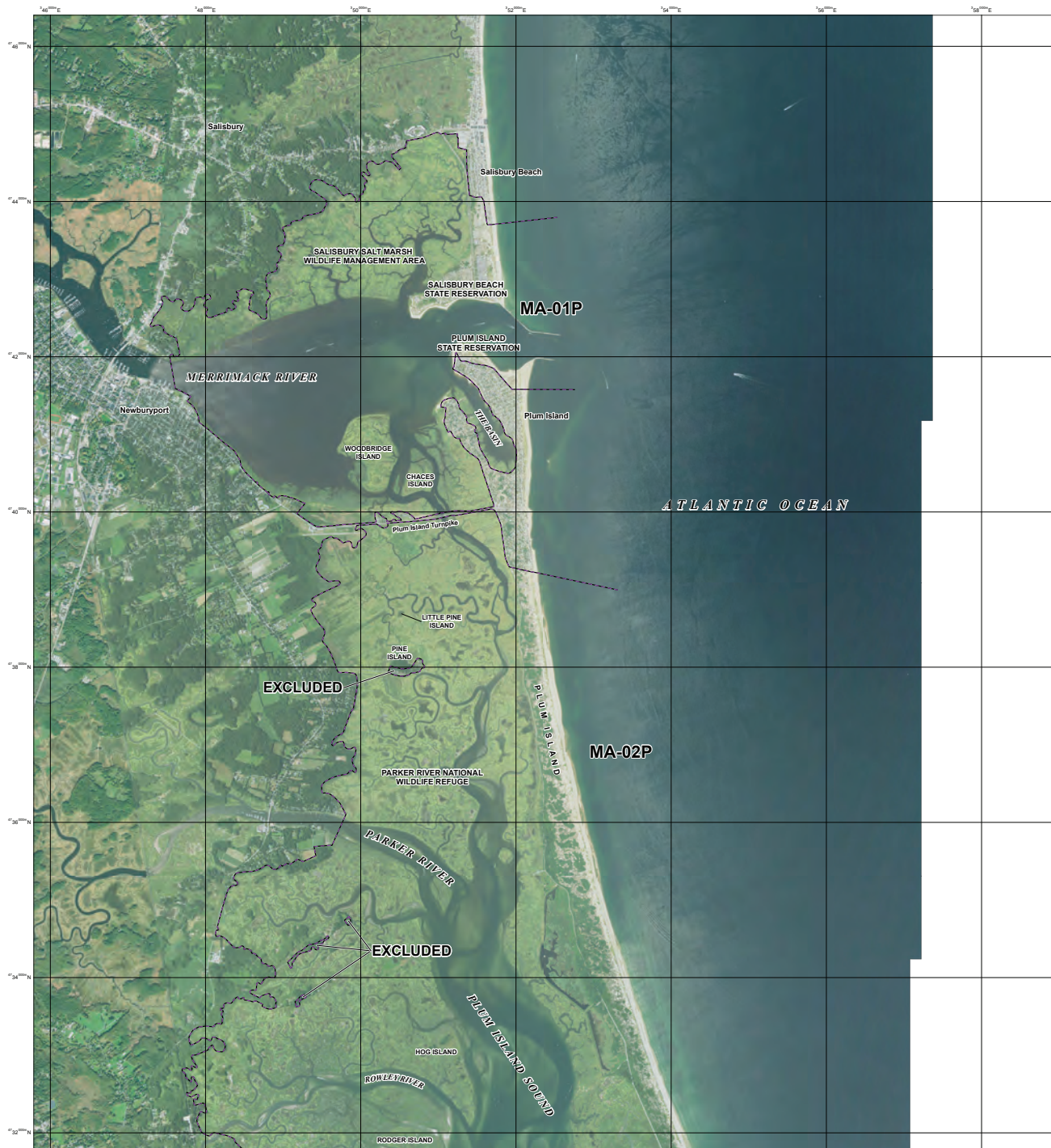
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Odiorne Point Unit NH-01P



Final Recommended System Unit Boundary
 Final Recommended Otherwise Protected Area (OPA) Boundary: OPAs are identified on the map by the letter "P" following the unit number
 - - - - - Approximate State Boundary
 25°54'00"N 2000-meter Universal Transverse Mercator grid values
 Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 19 North
 Draft Map: 33-001A Map Date: December 18, 2020

Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Salisbury Beach Unit MA-01P Plum Island Unit MA-02P (1 of 2)

This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbra.

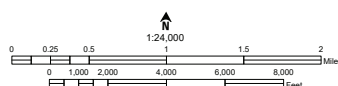
- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary. OPAs are identified on the map by the letter "P" following the unit number
- Approximate State Boundary
- 254°00'N 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018

Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program

Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North

Draft Map: 25-001A Map Date: December 18, 2020



Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

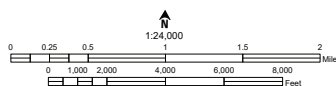
Clark Pond Unit C00
Plum Island Unit MA-02P (2 of 2)
Castle Neck Unit MA-03
Wingaersheek Unit C01 (1 of 2)

This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

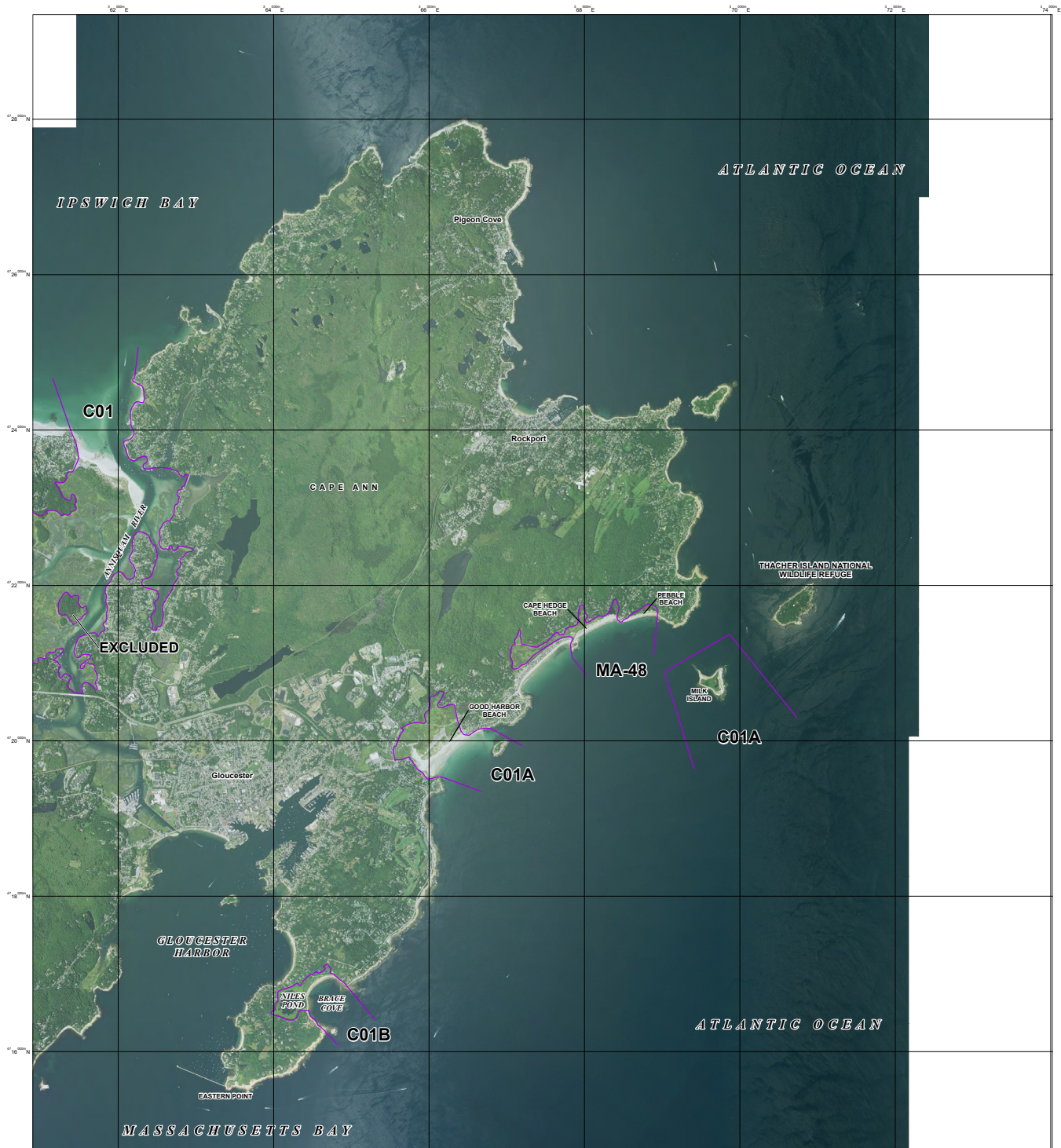
The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbra.

— Final Recommended System Unit Boundary
 — Final Recommended Otherwise Protected Area (OPA) Boundary. OPAs are identified on the map by the letter "P" following the unit number
 - - - - - Approximate State Boundary
 25°54'00"N 2000-meter Universal Transverse Mercator grid values
 Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 19 North
 Draft Map: 25-002A Map Date: December 18, 2020



Final Recommended



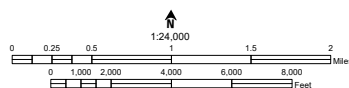
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Wingaersheek Unit C01 (2 of 2) Good Harbor Beach/Milk Island Unit C01A Cape Hedge Beach Unit MA-48 Brace Cove Unit C01B

This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbra.



Final Recommended System Unit Boundary
Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
--- Approximate State Boundary
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Imagery Date(s): 2018
Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 19 North
Draft Map: 25-003A Map Date: December 18, 2020

Final Recommended



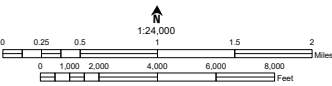
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbra.

West Beach Unit MA-04
Phillips Beach Unit MA-06



- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- Approximate State Boundary
- 254°00'N 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
- Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 19 North
- Draft Map: 25-004A Map Date: December 18, 2020

Final Recommended



This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

**Snake Island Unit MA-08P, Squantum Unit MA-09P
Merrymount Park Unit MA-10P
West Head Beach Unit C01C/C01CP
Peddocks/Rainsford Island Unit MA-11/MA-11P**

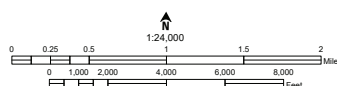
- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary. OPAs are identified on the map by the letter "P" following the unit number
- - - - - Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018

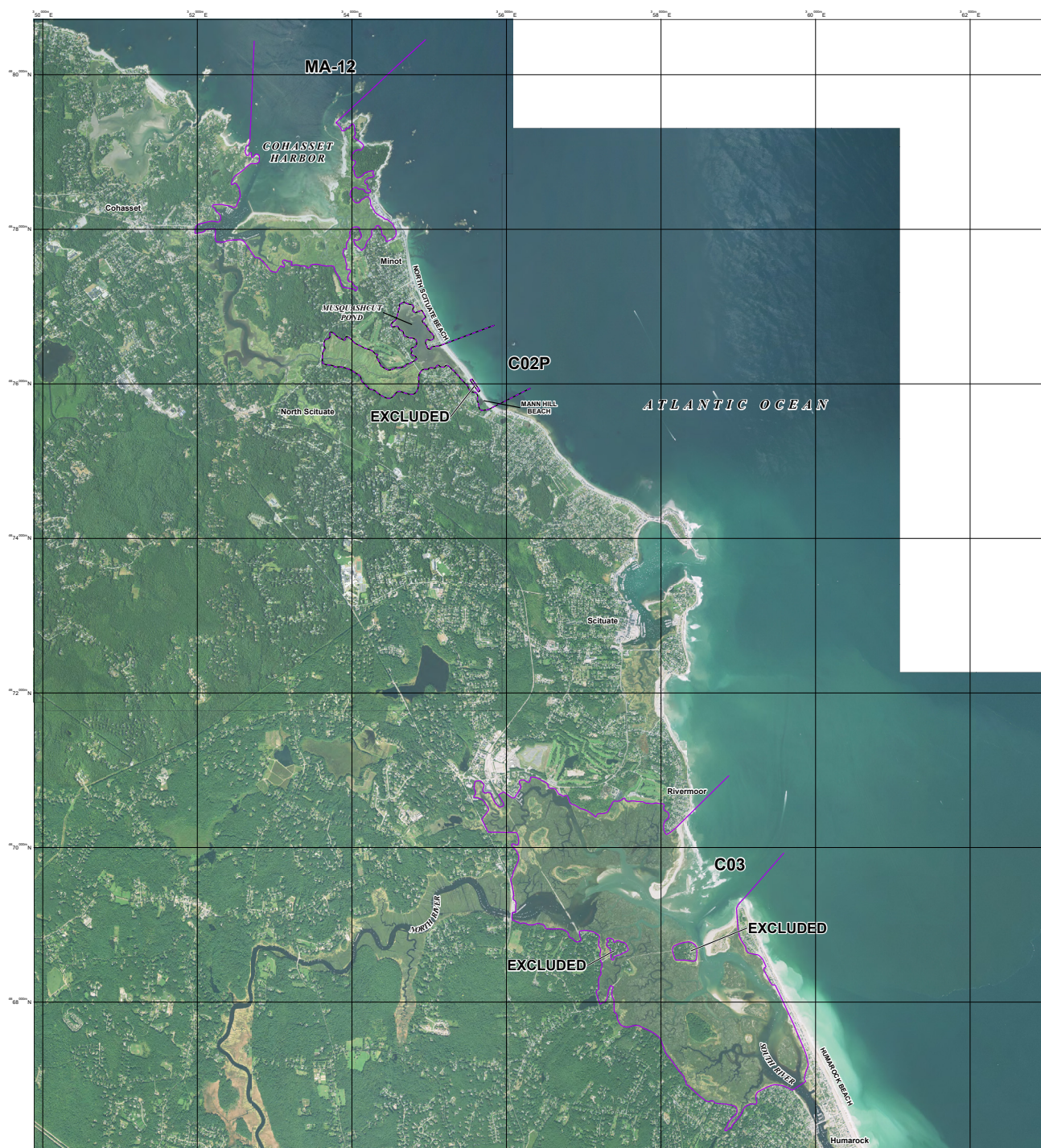
Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program

Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North

Draft Map: 25-005A Map Date: December 18, 2020



Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Cohasset Harbor Unit MA-12 North Scituate Unit C02P Rivermoor Unit C03

This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

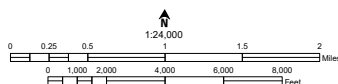
The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbrs.

— Final Recommended System Unit Boundary
 — Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
 - - - - - Approximate State Boundary
 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture
 National Agricultural Imagery Program
 Coordinate System: North American Datum 1983
 Universal Transverse Mercator Zone 19 North

Draft Map: 25-006A Map Date: December 18, 2020



Final Recommended



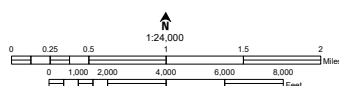
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Rexhame Unit C03A Duxbury Beach Unit MA-13/MA-13P (1 of 2)

This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

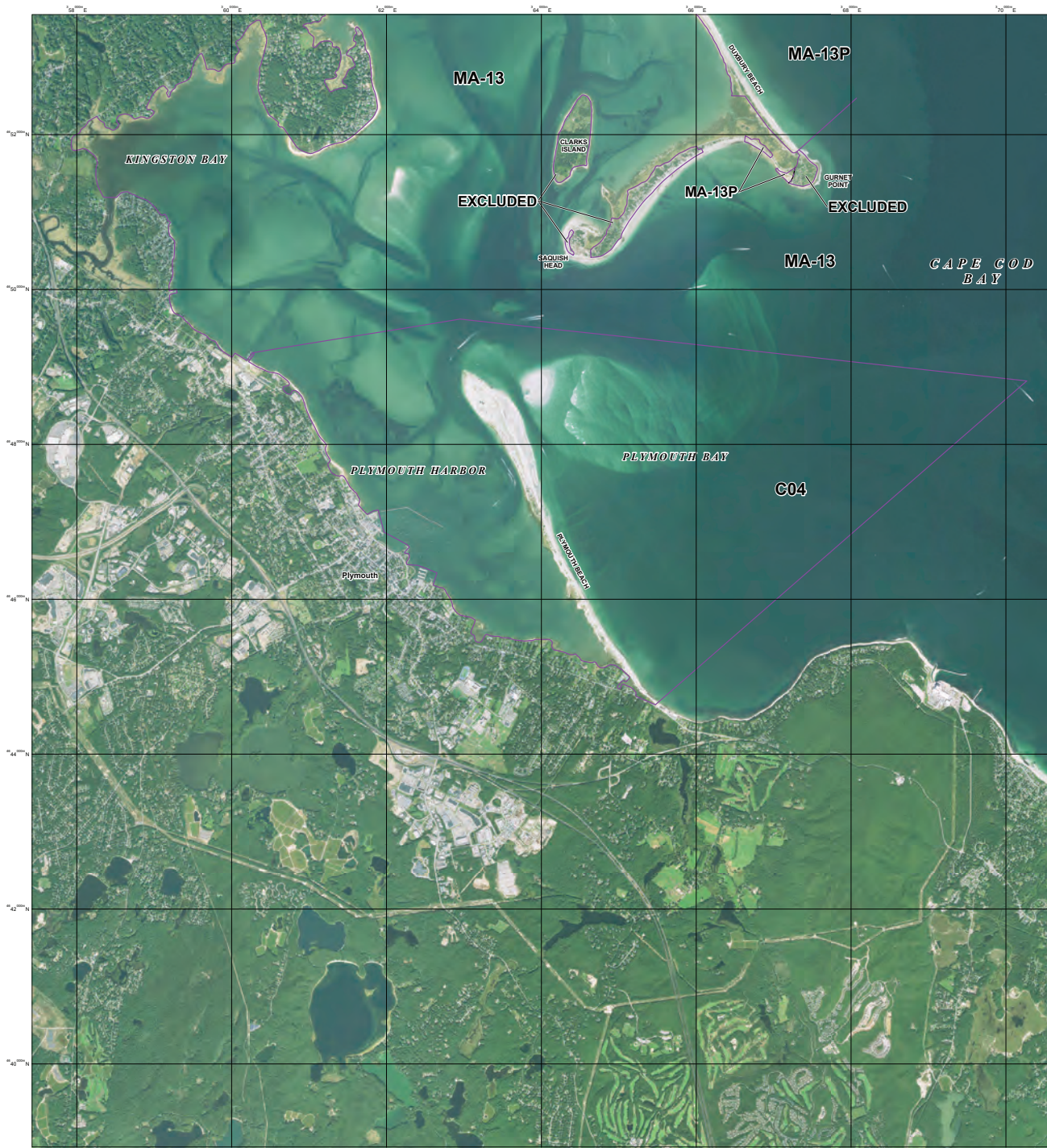
The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbra.



- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- Approximate State Boundary
- 2000m 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program
- Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North
- Draft Map: 25-007A Map Date: December 18, 2020

Final Recommended



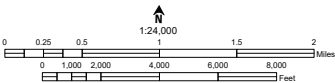
This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbrr.

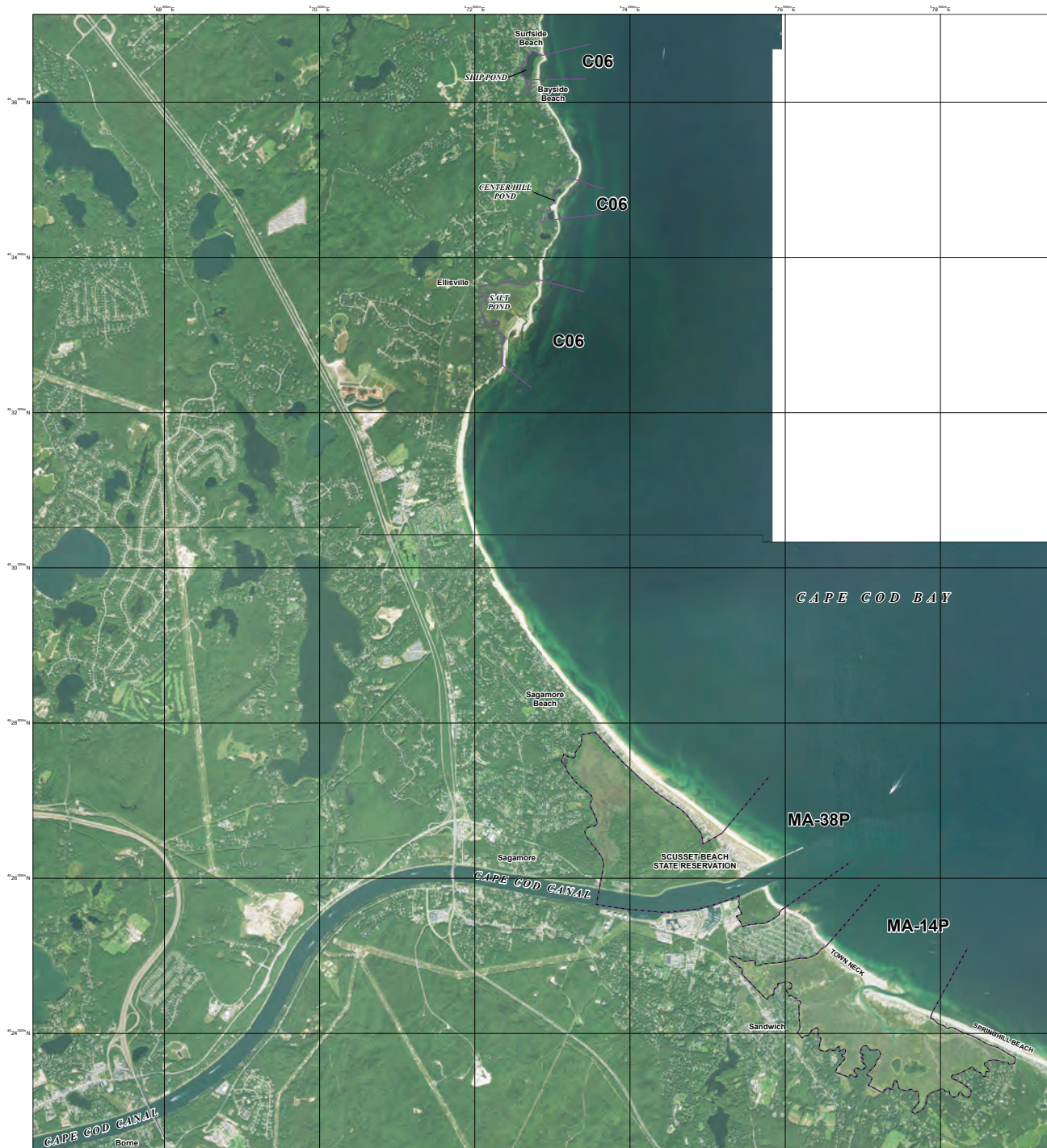
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Duxbury Beach Unit MA-13/MA-13P (2 of 2)
Plymouth Bay Unit C04



- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary: OPAs are identified on the map by the letter "P" following the unit number
- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
- Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 19 North
- Draft Map: 25-008A Map Date: December 18, 2020

Final Recommended



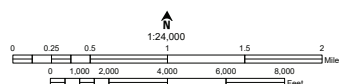
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Center Hill Complex C06 Scusset Beach Unit MA-38P Town Neck Unit MA-14P

This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbra.



- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- - - - - Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
- Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 19 North
- Draft Map: 25-009A Map Date: December 18, 2020

Final Recommended



This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

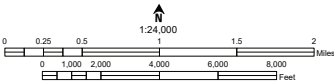
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For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbra.

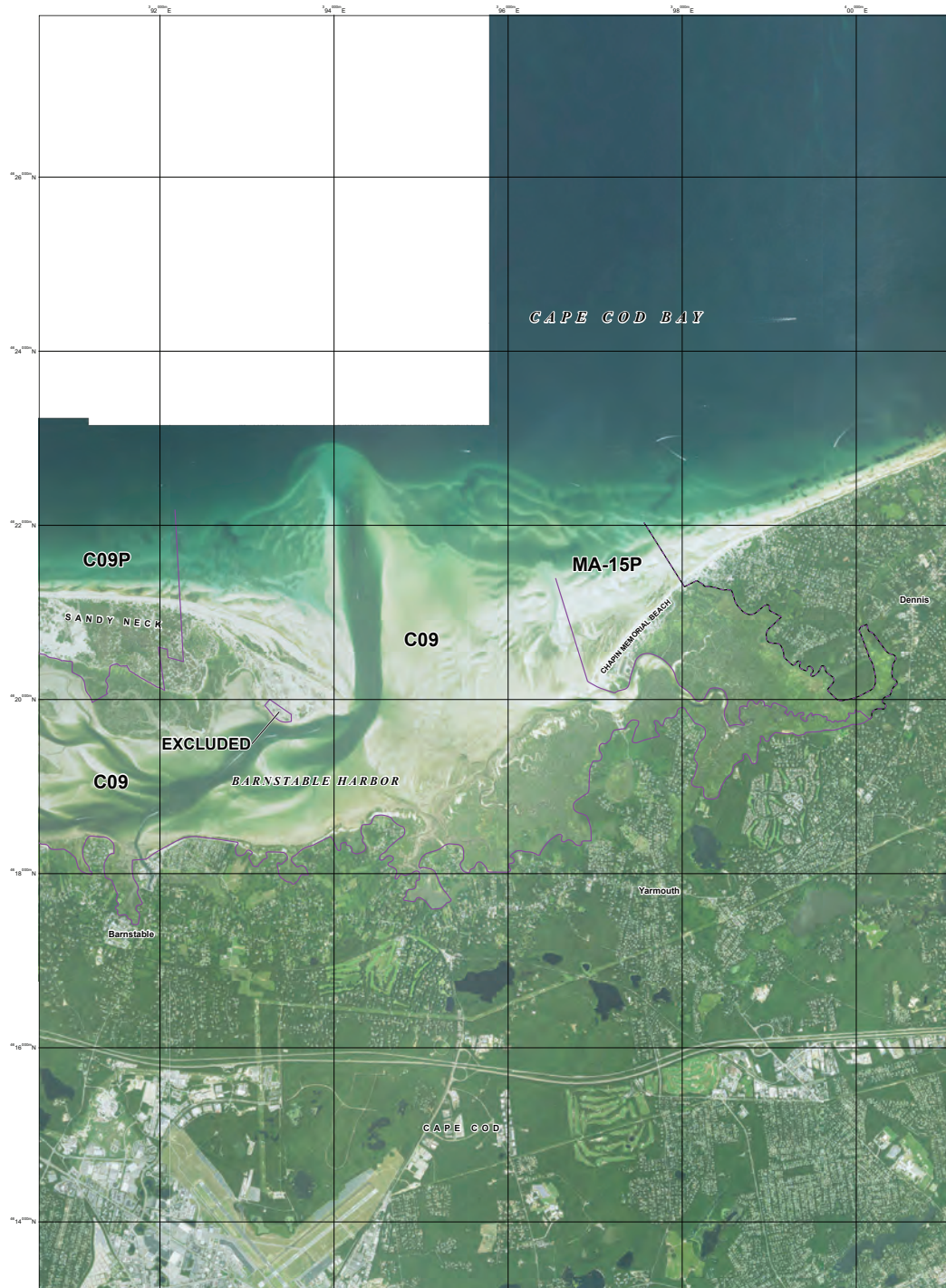
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Scorton Unit C08
Sandy Neck Unit C09/C09P (1 of 2)

- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
- Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 19 North
- Draft Map: 25-010A Map Date: December 18, 2020



Final Recommended



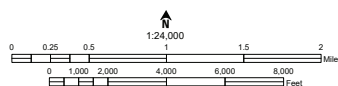
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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Sandy Neck Unit C09/C09P (2 of 2) Chapin Beach Unit MA-15P



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National Agricultural Imagery Program
- Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North
- Draft Map: 25-011A Map Date: December 18, 2020

Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

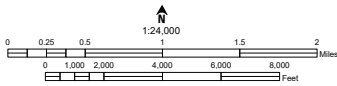
Nobscusset Unit MA-16
Freemans Pond Unit C10

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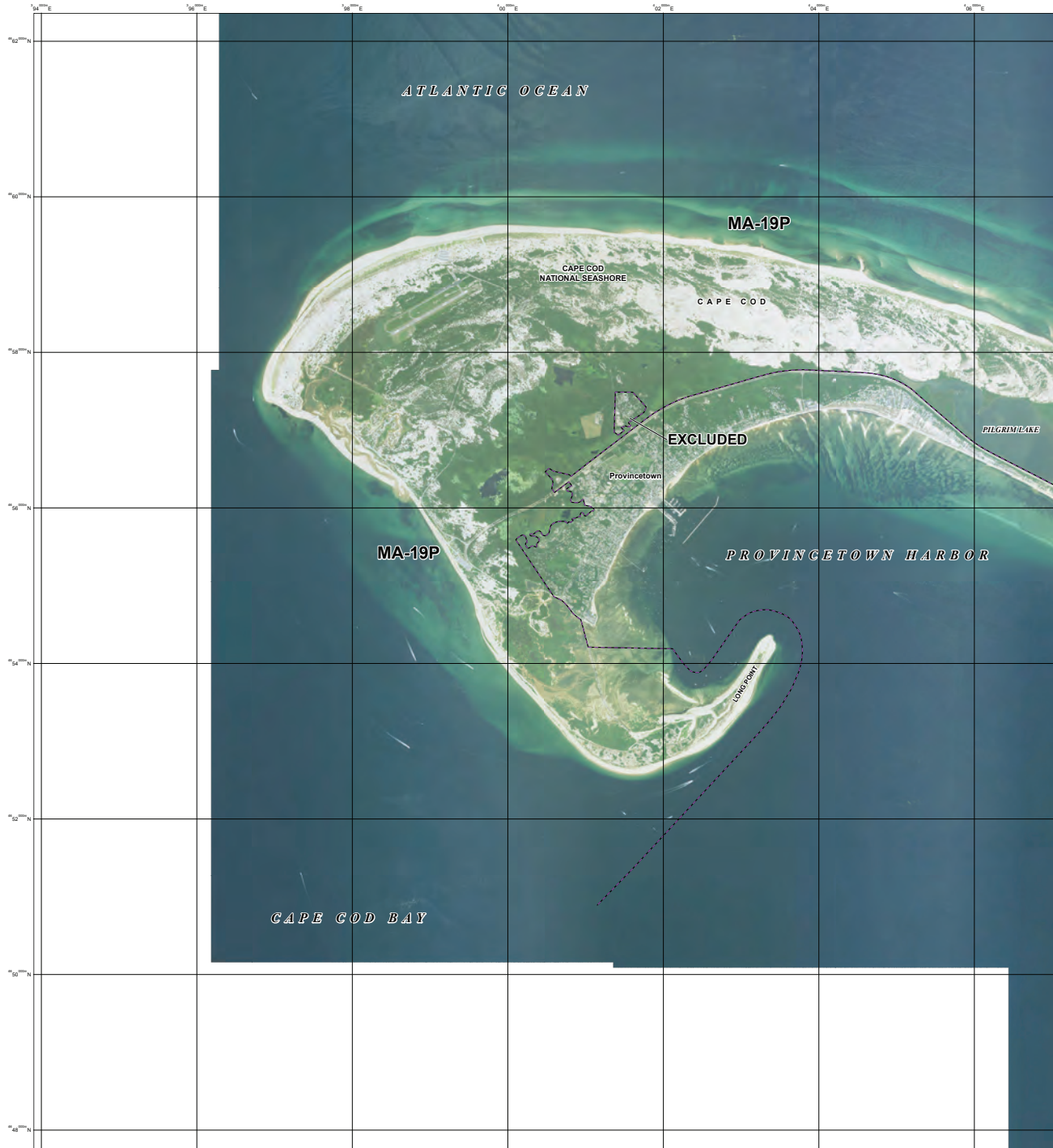
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- Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 19 North
- Draft Map: 25-012A Map Date: December 18, 2020



Final Recommended



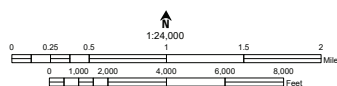
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Provincetown Unit MA-19P (1 of 2)

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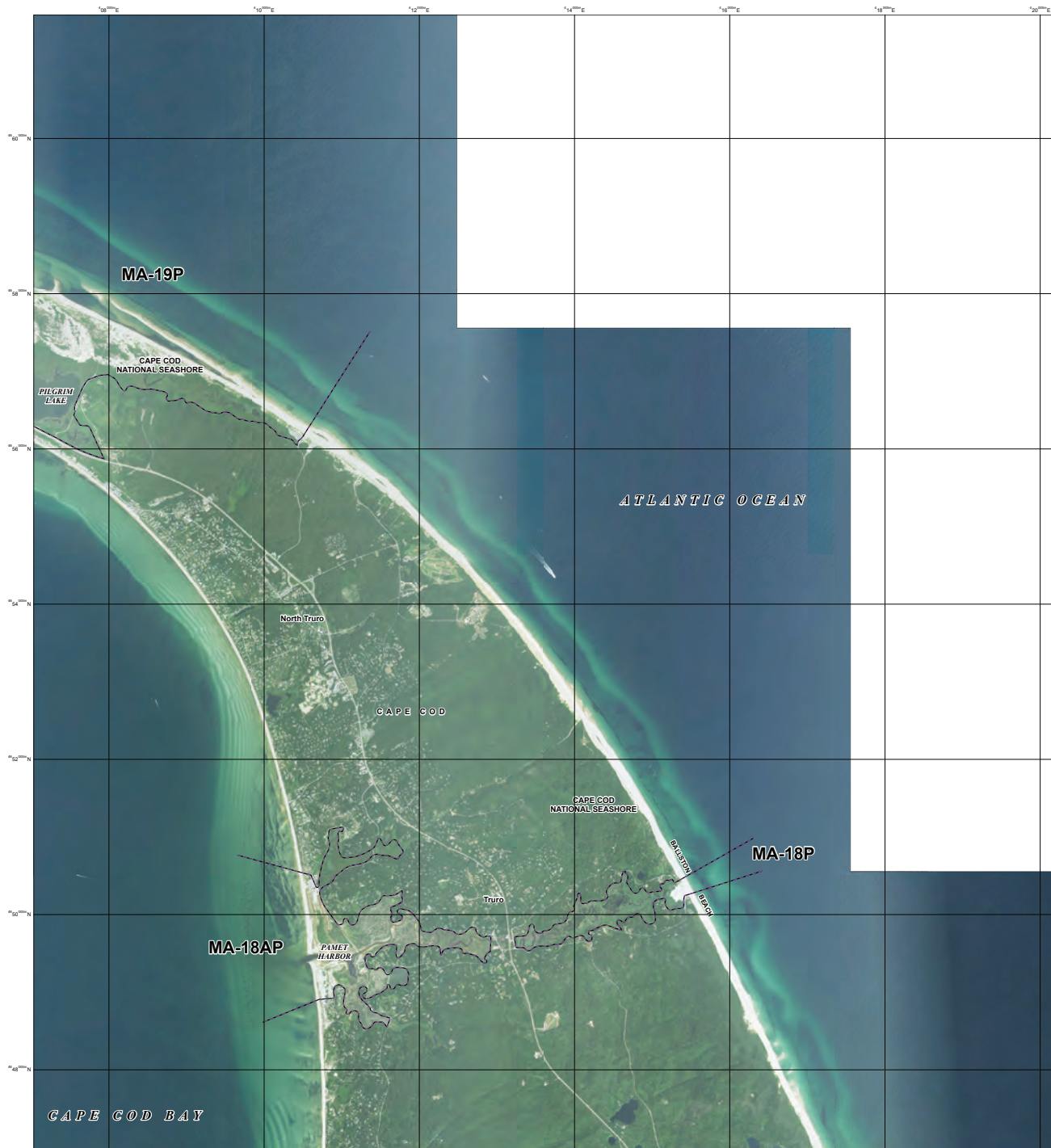
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National Agricultural Imagery Program
- Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North
- Draft Map: 25-013A Map Date: December 18, 2020

Final Recommended



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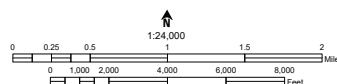
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Provincetown Unit MA-19P (2 of 2) Pamet Harbor Unit MA-18AP Ballston Beach Unit MA-18P

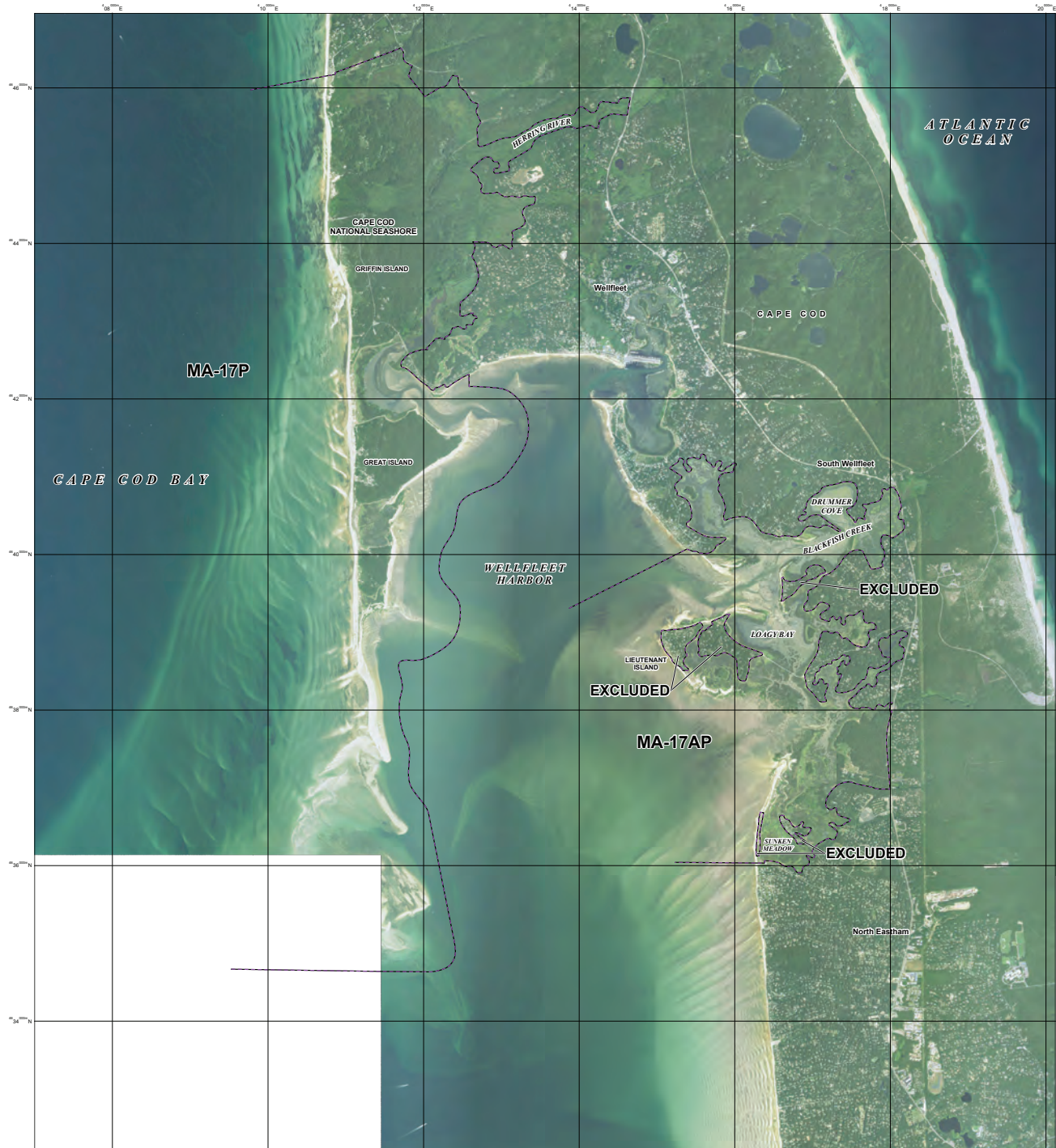
- Final Recommended System Unit Boundary
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- Approximate State Boundary
- 20°54'00"N 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program
Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North

Draft Map: 25-014A Map Date: December 18, 2020



Final Recommended



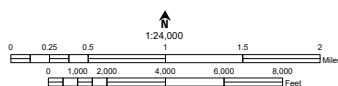
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Griffin/Great Islands Complex MA-17P Lieutenant Island Unit MA-17AP

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 - - - - - Approximate State Boundary
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 Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture
 National Agricultural Imagery Program
 Coordinate System: North American Datum 1983
 Universal Transverse Mercator Zone 19 North
 Draft Map: 25-015A Map Date: December 18, 2020

Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Namskaket Spits Unit C11/C11P
Boat Meadow Unit C11A/C11AP
Nauset Beach/Monomoy Unit MA-20P (1 of 3)

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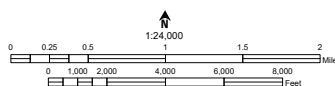
- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- - - - - Approximate State Boundary
- 25°54'00"N 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018

Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program

Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North

Draft Map: 25-016A Map Date: December 18, 2020



Final Recommended



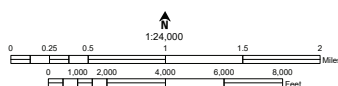
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Nauset Beach/Monomoy Unit MA-20P (2 of 3) Harding Beach Unit MA-40P Chatham Roads Unit C12/C12P Red River Beach Unit MA-41P

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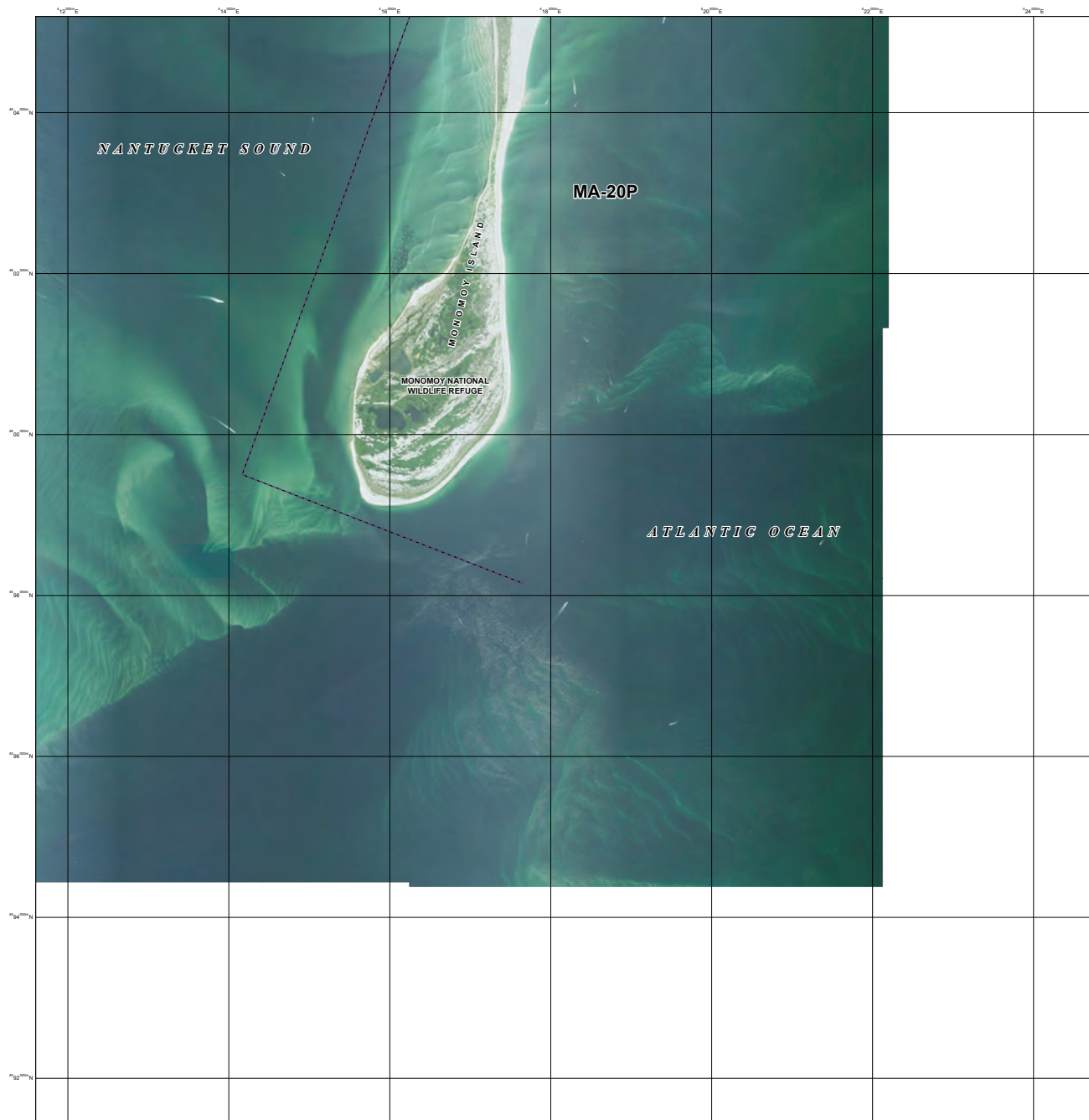
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Imagery Date(s): 2018
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Draft Map: 25-017A Map Date: December 18, 2020

Final Recommended



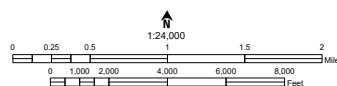
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Nauset Beach/Monomoy Unit MA-20P (3 of 3)

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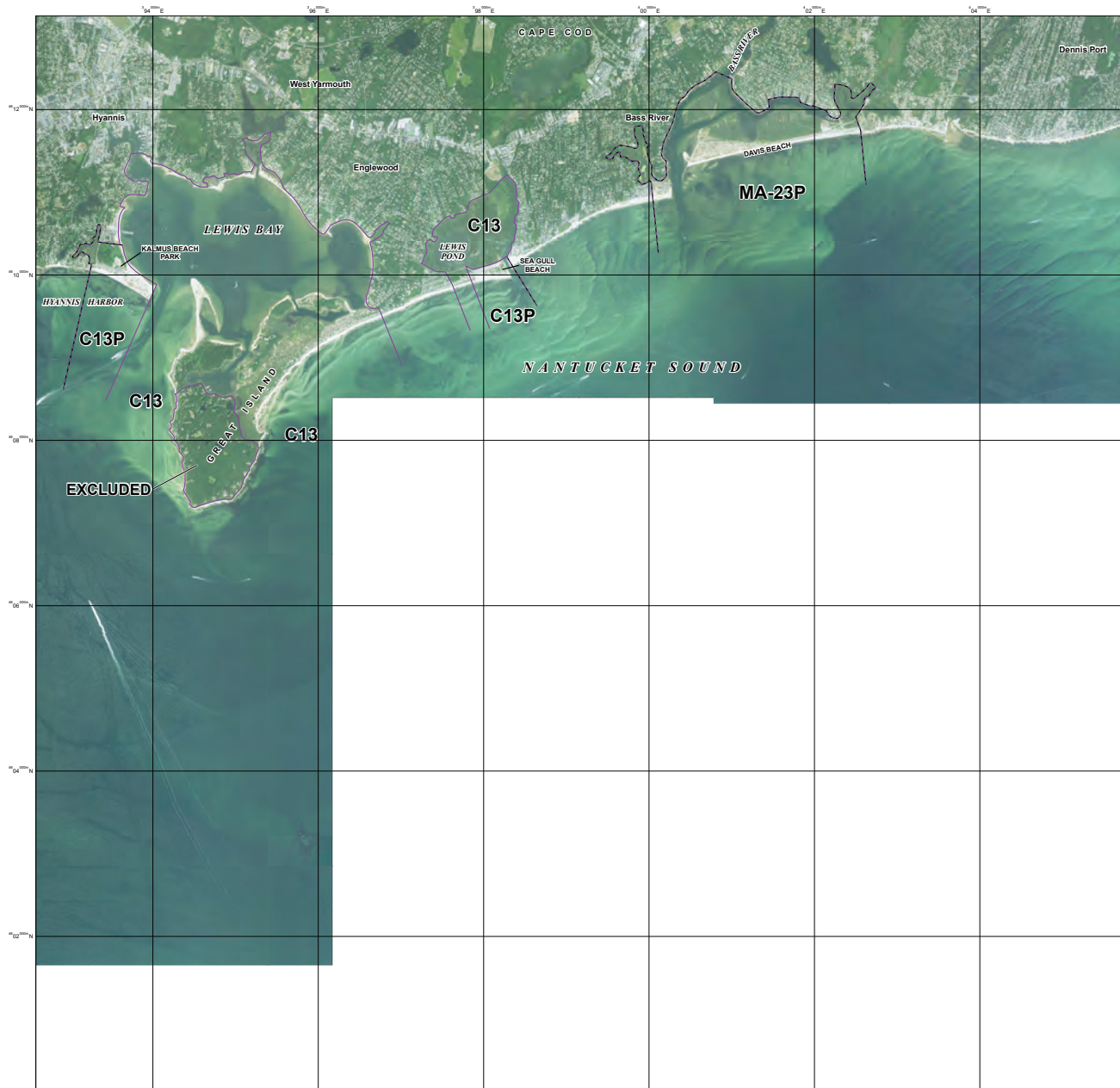
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Final Recommended System Unit Boundary
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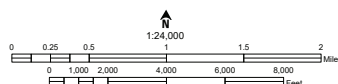
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Davis Beach Unit MA-23P Lewis Bay Unit C13/C13P

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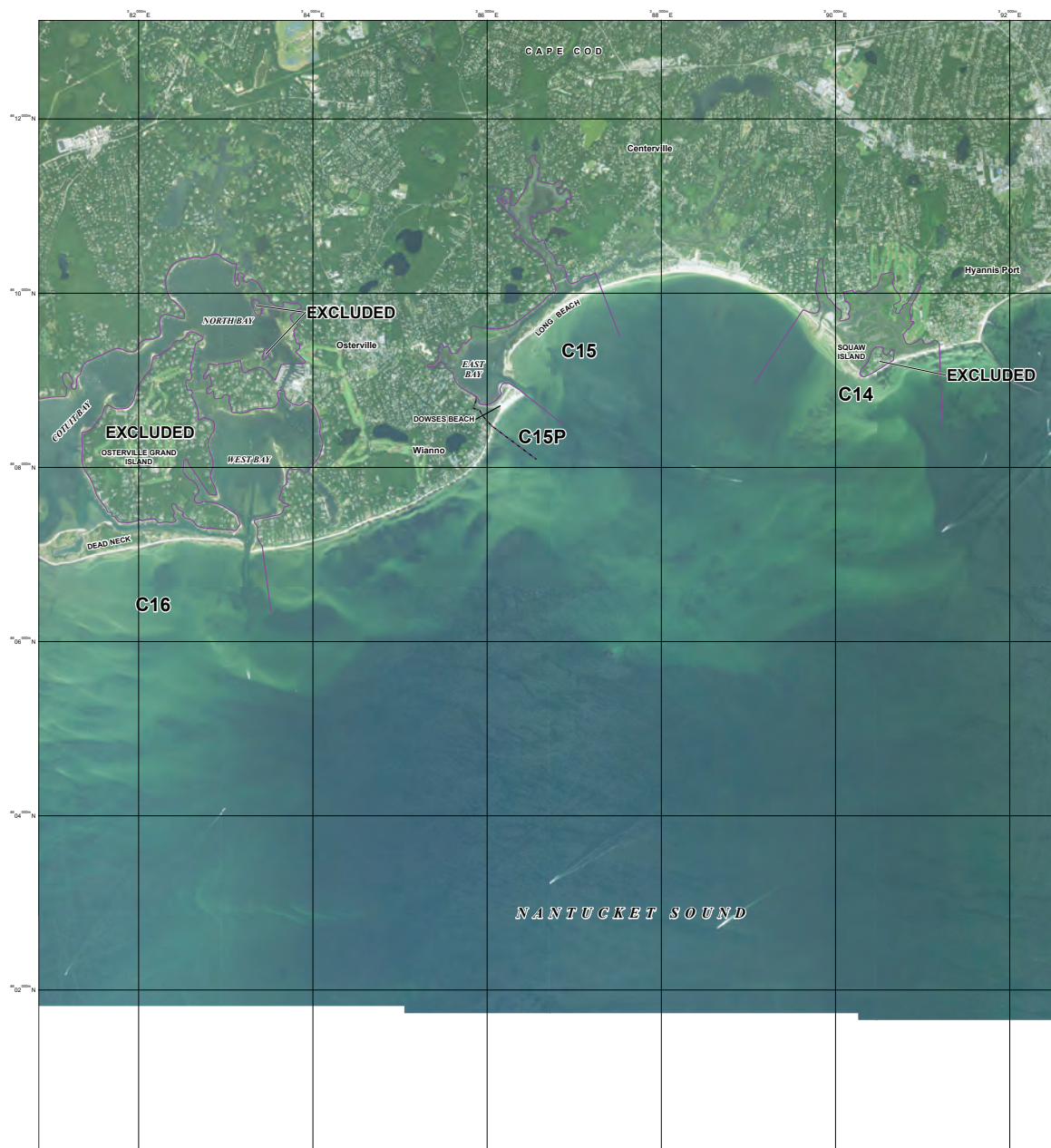
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- 20°54'00"N 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
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National Agricultural Imagery Program
- Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North
- Draft Map: 25-019A Map Date: December 18, 2020

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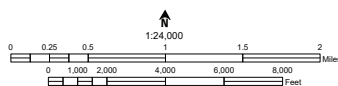
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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Squaw Island Unit C14
Centerville Unit C15/C15P
Dead Neck Unit C16 (1 of 2)



— Final Recommended System Unit Boundary
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 - - - - - Approximate State Boundary
 28°54'00"N 2000-meter Universal Transverse Mercator grid values
 Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture
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 Coordinate System: North American Datum 1983
 Universal Transverse Mercator Zone 19 North
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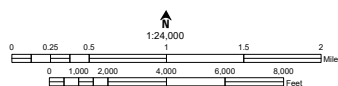
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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Dead Neck Unit C16 (2 of 2) Popponesset Spit Unit C17 Waquoit Bay Unit C18 Falmouth Ponds Unit C18A

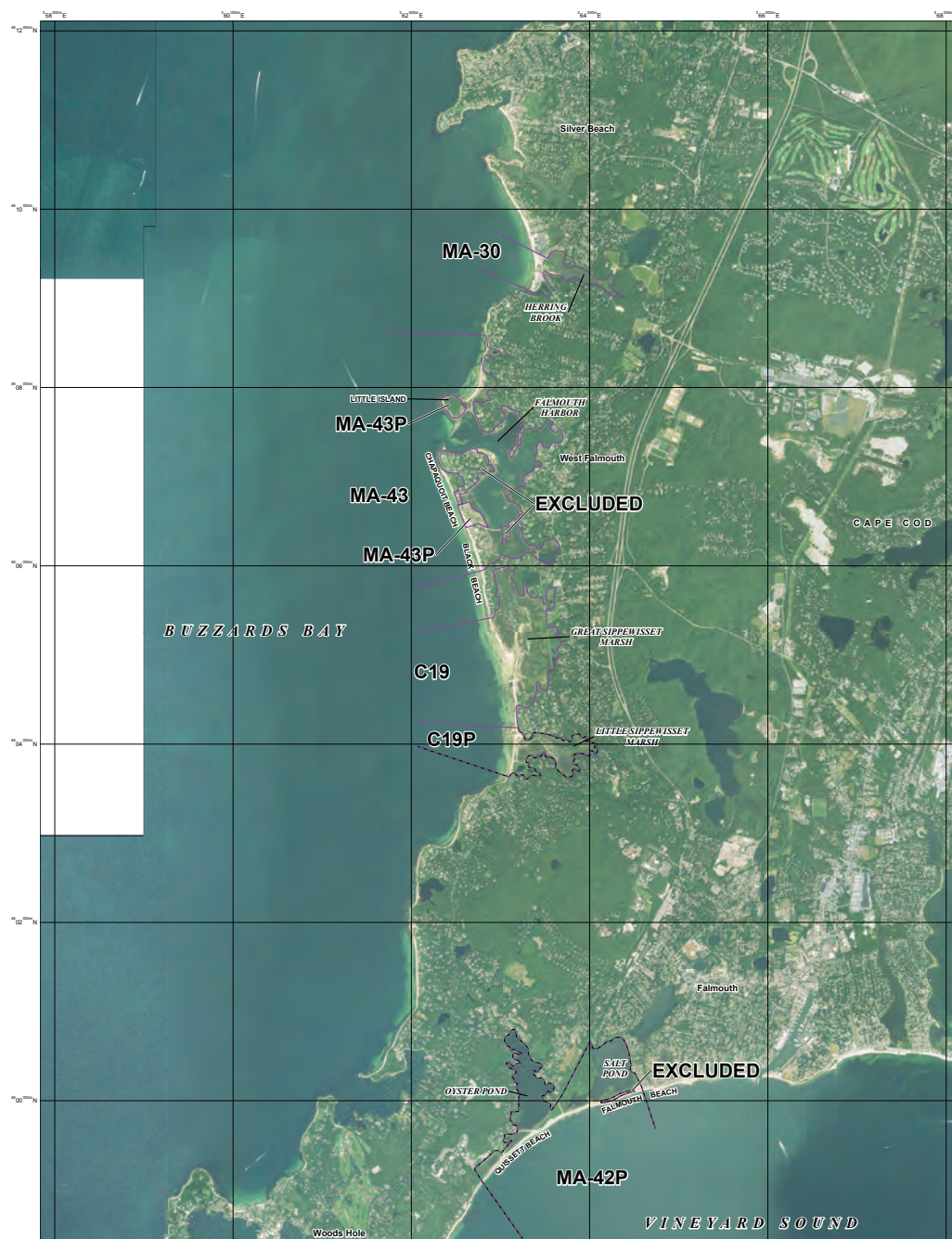


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Draft Map: 25-021A Map Date: December 18, 2020

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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

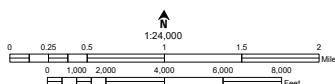
Quissett Beach/Falmouth Beach Unit MA-42P
Black Beach Unit C19, Little Sippewisset Marsh Unit C19P
Chapoquoit Beach Unit MA-43/MA-43P
Herring Brook Unit MA-30

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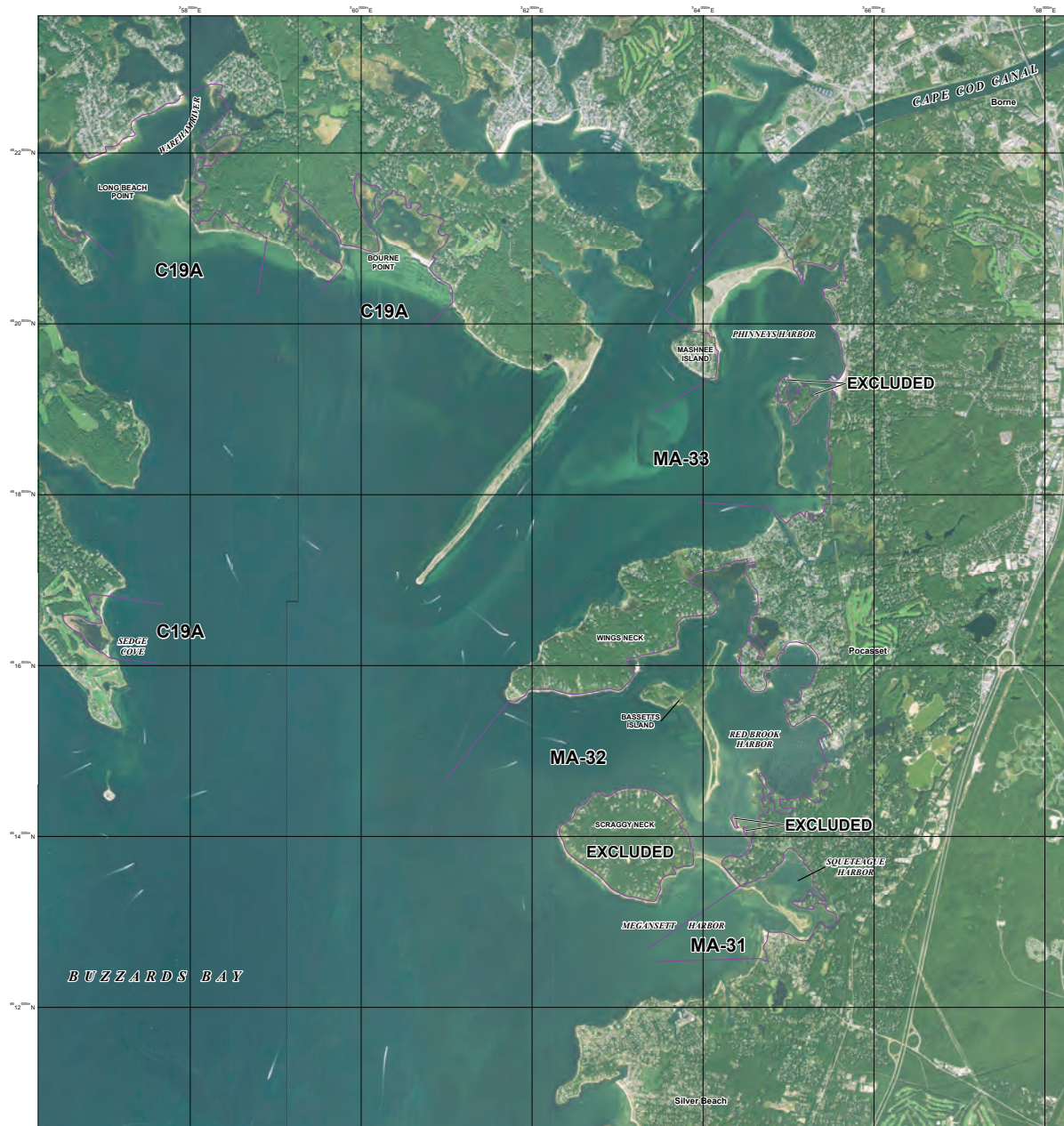
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Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Squeteague Harbor Unit MA-31 Bassetts Island Unit MA-32 Phinneys Harbor Unit MA-33 Buzzards Bay Complex C19A (1 of 3)

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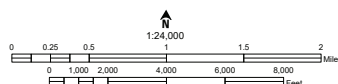
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- - - - - Approximate State Boundary
- 200-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018

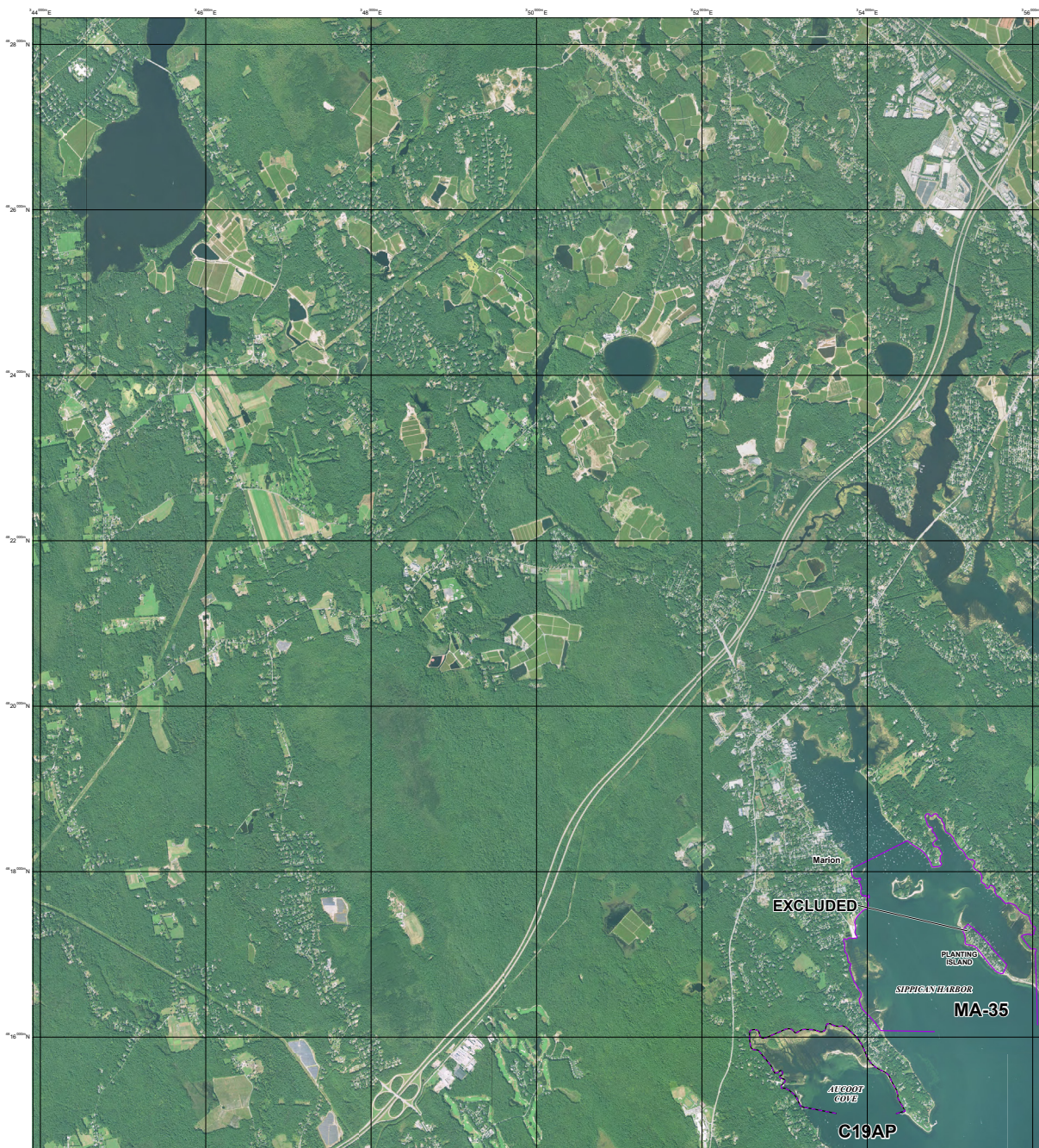
Imagery Source(s): United States Department of Agriculture
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Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North

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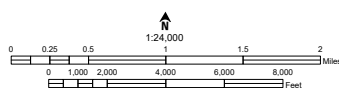
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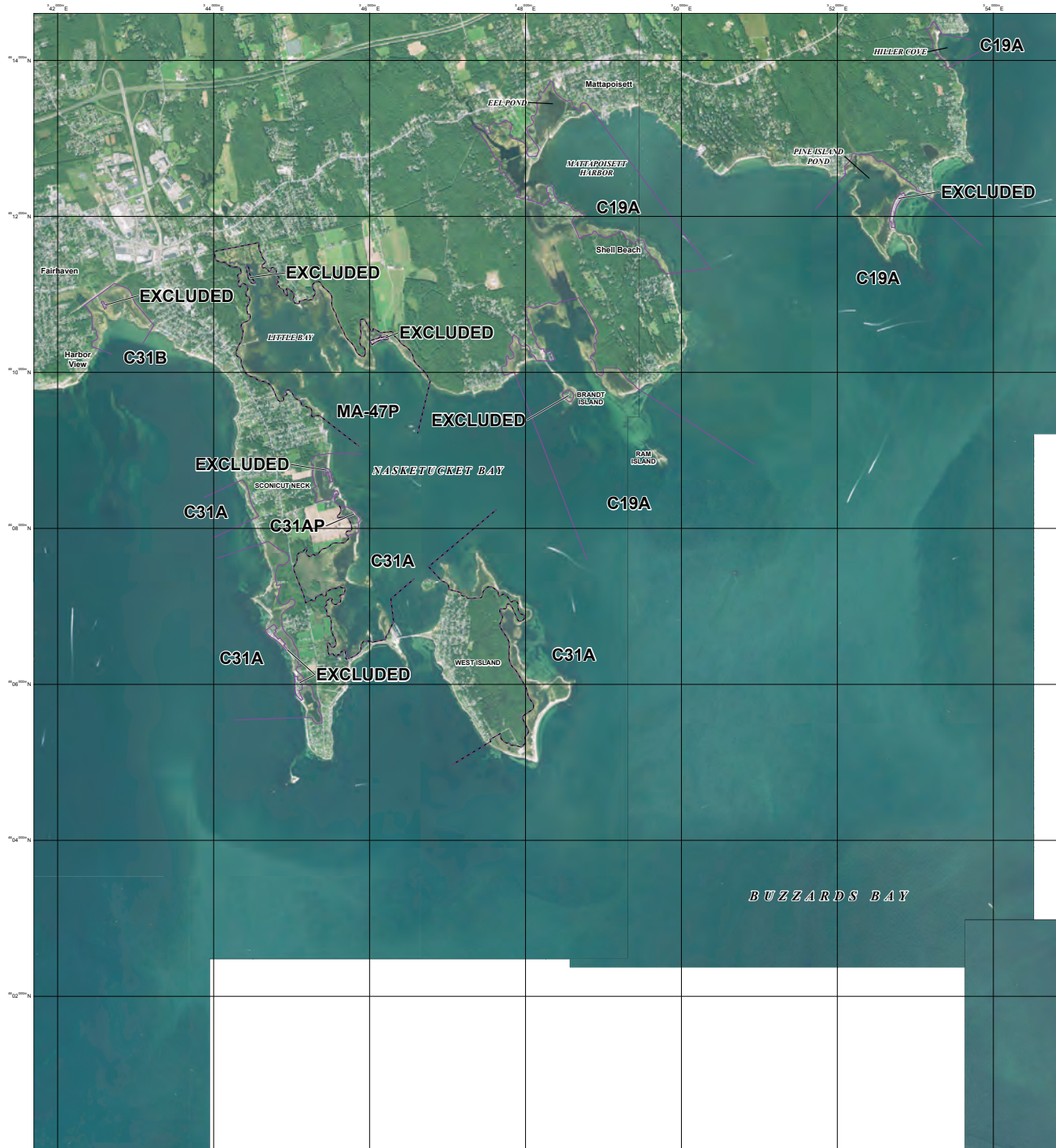
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Buzzards Bay Complex C19AP (2 of 3) Planting Island Unit MA-35



- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- Approximate State Boundary
- 25°54'20"N 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program
- Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North
- Draft Map: 25-024A Map Date: December 18, 2020

Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Buzzards Bay Complex C19A (3 of 3) West Sciticut Neck Unit C31A Little Bay Unit MA-47P Harbor View Unit C31B

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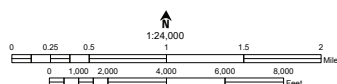
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- 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018

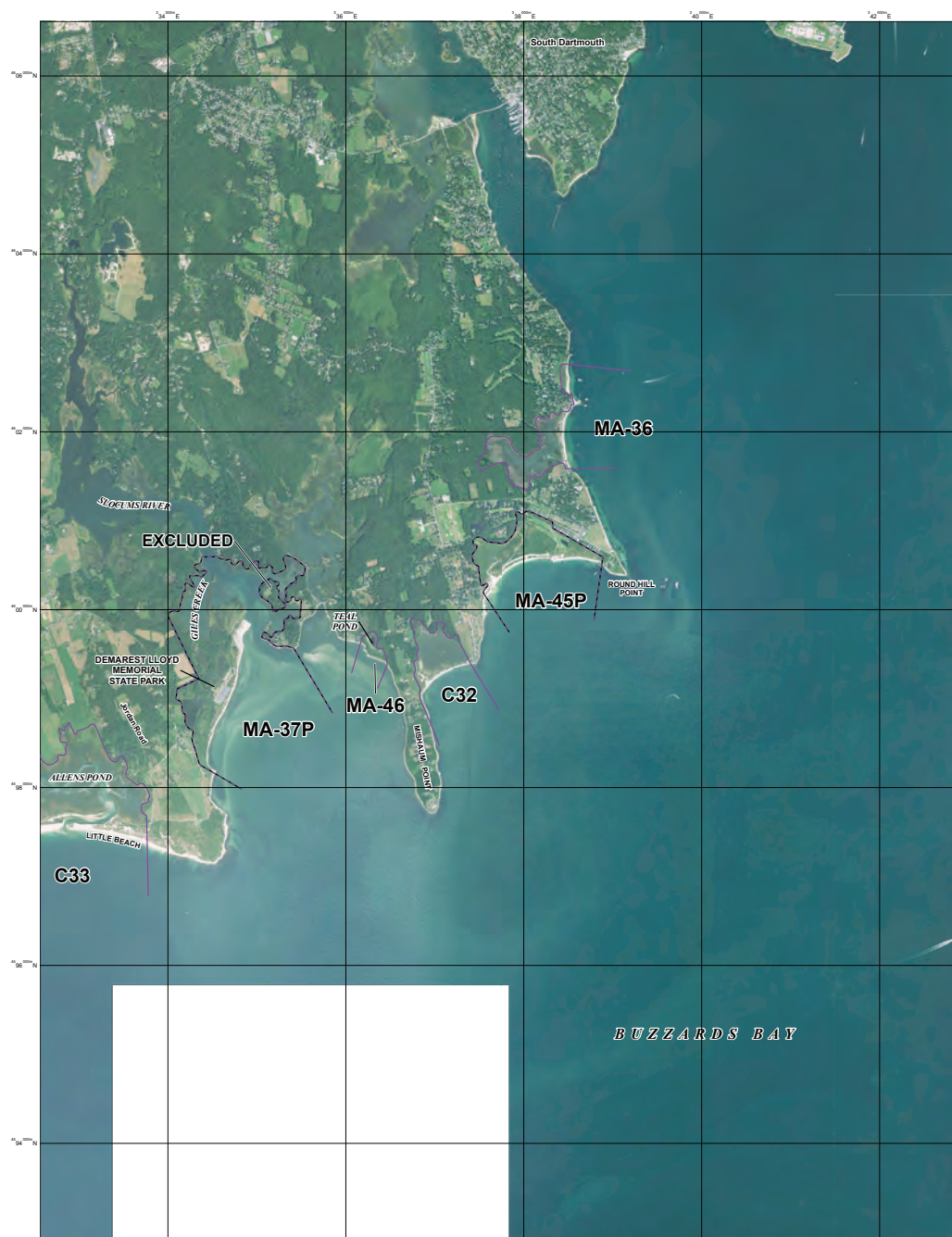
Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program

Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North

Draft Map: 25-025A Map Date: December 18, 2020



Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Round Hill Unit MA-36, Mishaum Point Unit C32
Demarest Lloyd Park Unit MA-37P
Little Beach Unit C33 (1 of 2)
Round Hill Point Unit MA-45P, Teal Pond Unit MA-46

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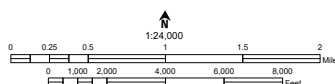
The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbrr.

- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- - - - - Approximate State Boundary
- 25°54'00"N 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture
 National Agricultural Imagery Program
 Coordinate System: North American Datum 1983
 Universal Transverse Mercator Zone 19 North

Draft Map: 25-026A Map Date: December 18, 2020



Final Recommended



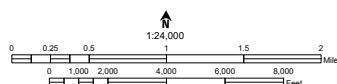
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Little Beach Unit C33 (2 of 2) Horseneck Beach Unit C34/C34P Richmond/Cockeast Ponds Unit C35

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- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary. OPAs are identified on the map by the letter "P" following the unit number
- - - - - Approximate State Boundary
- $25^{\circ}54'00''N$ 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program
- Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North
- Draft Map: 25-027A Map Date: December 18, 2020

Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

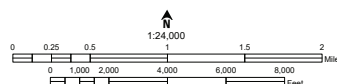
Coatue Unit C20/C20P (1 of 2)
Sesachacha Pond Unit C21

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- - - - - Approximate State Boundary
- 25°54'00"N 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program
- Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North
- Draft Map: 25-028A Map Date: December 18, 2020



Final Recommended



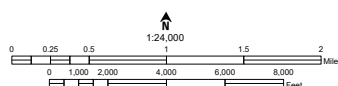
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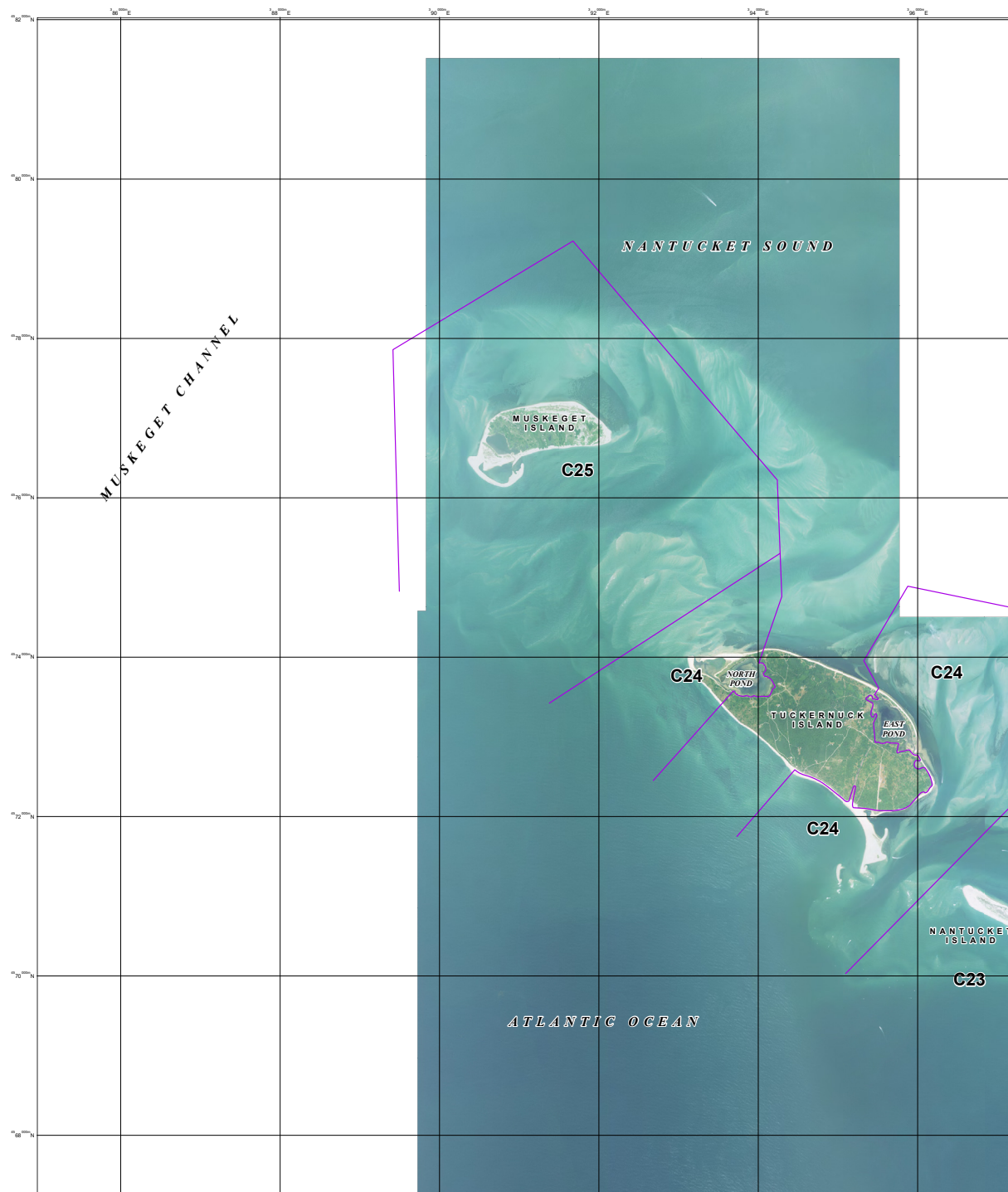
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Coatue Unit C20/C20P (2 of 2)
Cisco Beach Unit C22P
Esther Island Complex C23/23P (1 of 2)
Tuckernuck Island Unit C24 (1 of 2)



- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary. OPAs are identified on the map by the letter "P" following the unit number
- - - - - Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program
- Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North
- Draft Map: 25-029A Map Date: December 18, 2020

Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

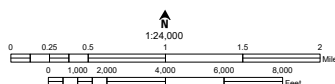
Esther Island Complex C23 (2 of 2) Tuckernuck Island Unit C24 (2 of 2) Muskeget Island Unit C25

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- - - - - Approximate State Boundary
25°54'00"N 2000-meter Universal Transverse Mercator grid values
Imagery Date(s): 2018
Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program
Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North
Draft Map: 25-030A Map Date: December 18, 2020



Final Recommended



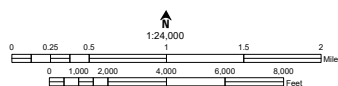
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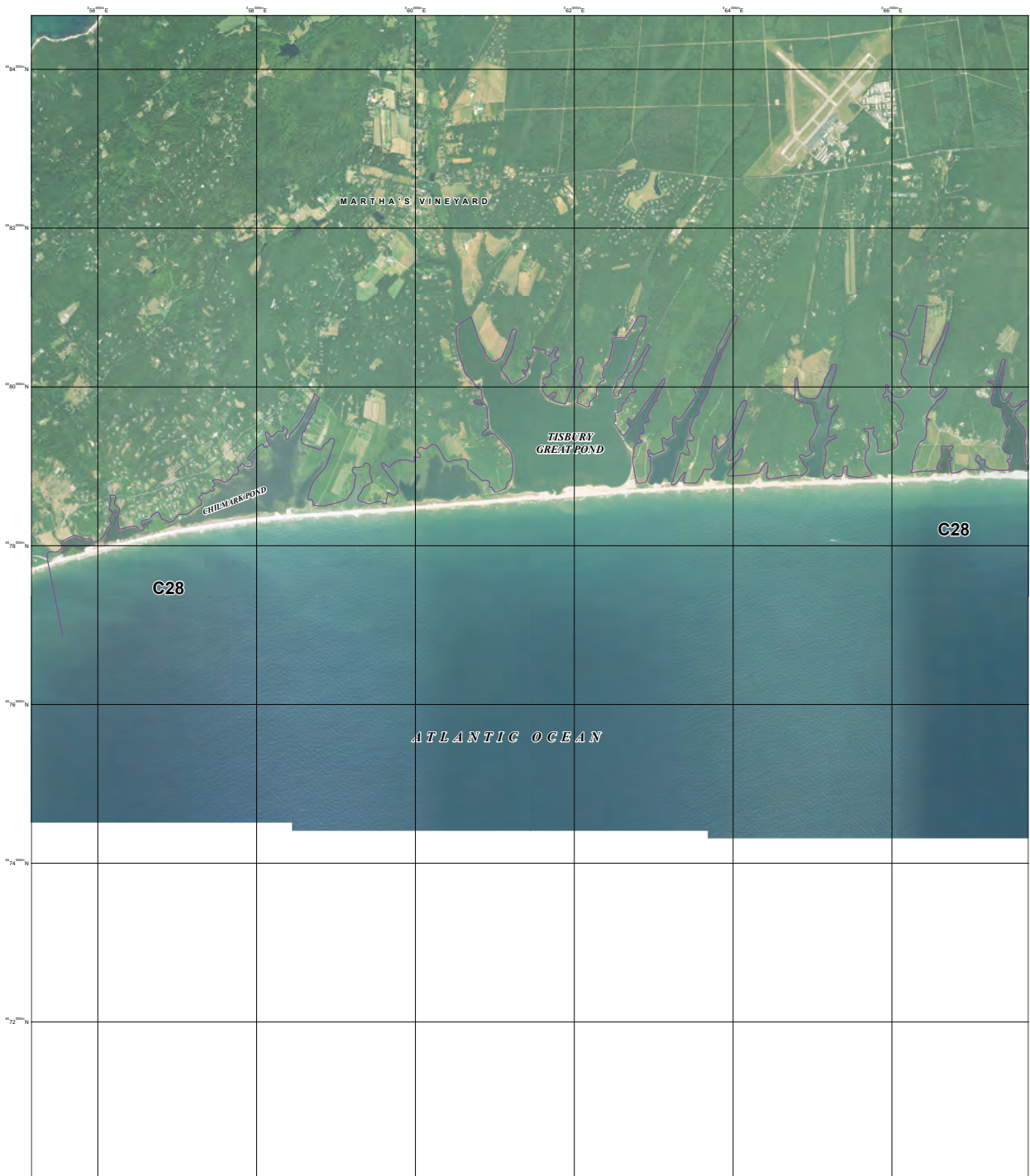
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

**Harthaven Unit MA-26, Edgartown Beach Unit MA-27P
Trapps Pond Unit MA-27, Eel Pond Beach Unit C26
Cape Poge Unit C27, Norton Point Unit MA-28P
South Beach Unit C28**



- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
- Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 19 North
- Draft Map: 25-031A Map Date: December 18, 2020

Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

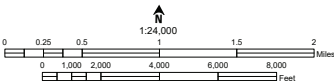
South Beach Unit C28 (2 of 2)

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- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
- Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 19 North
- Draft Map: 25-032A Map Date: December 18, 2020



Final Recommended



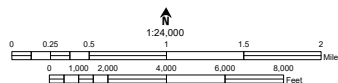
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Squibnocket Complex C29/C29P Nomans Land Unit MA-29P

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Final Recommended System Unit Boundary
Final Recommended Otherwise Protected Area (OPA) Boundary. OPAs are identified on the map by the letter "P" following the unit number
Approximate State Boundary
2000-meter Universal Transverse Mercator grid values
Imagery Date(s): 2018
Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 19 North
Draft Map: 25-033A Map Date: December 18, 2020

Final Recommended



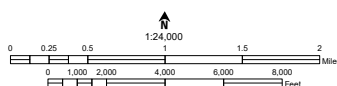
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

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James Pond Unit C29A
Mink Meadows Unit C29B
Naushon Island Complex MA-24 (1 of 2)



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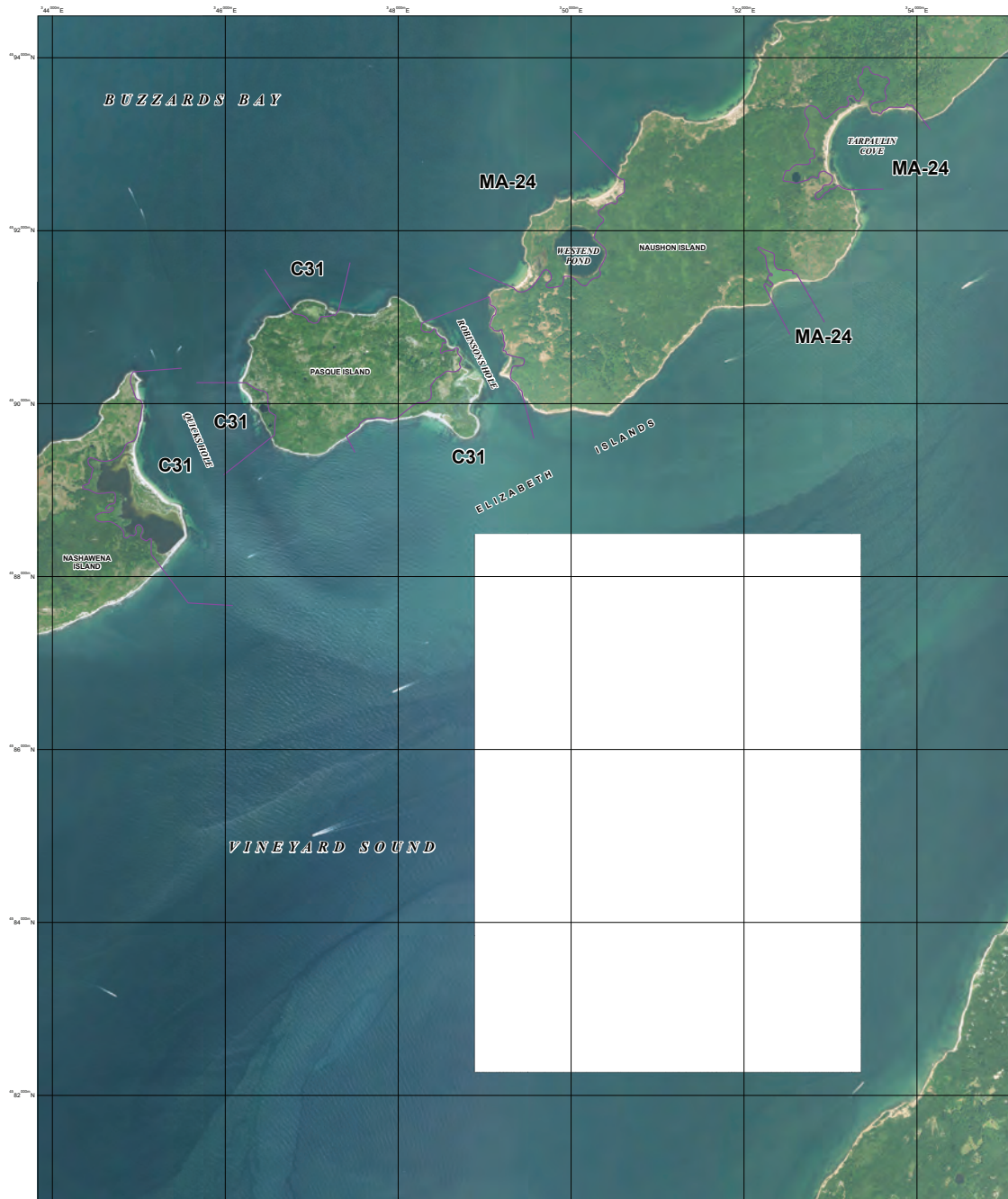
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Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program

Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North

Draft Map: 25-034A Map Date: December 18, 2020

Final Recommended



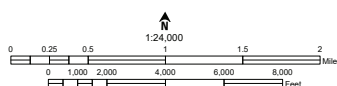
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Naushon Island Complex MA-24 (2 of 2) Elizabeth Island Unit C31 (1 of 2)

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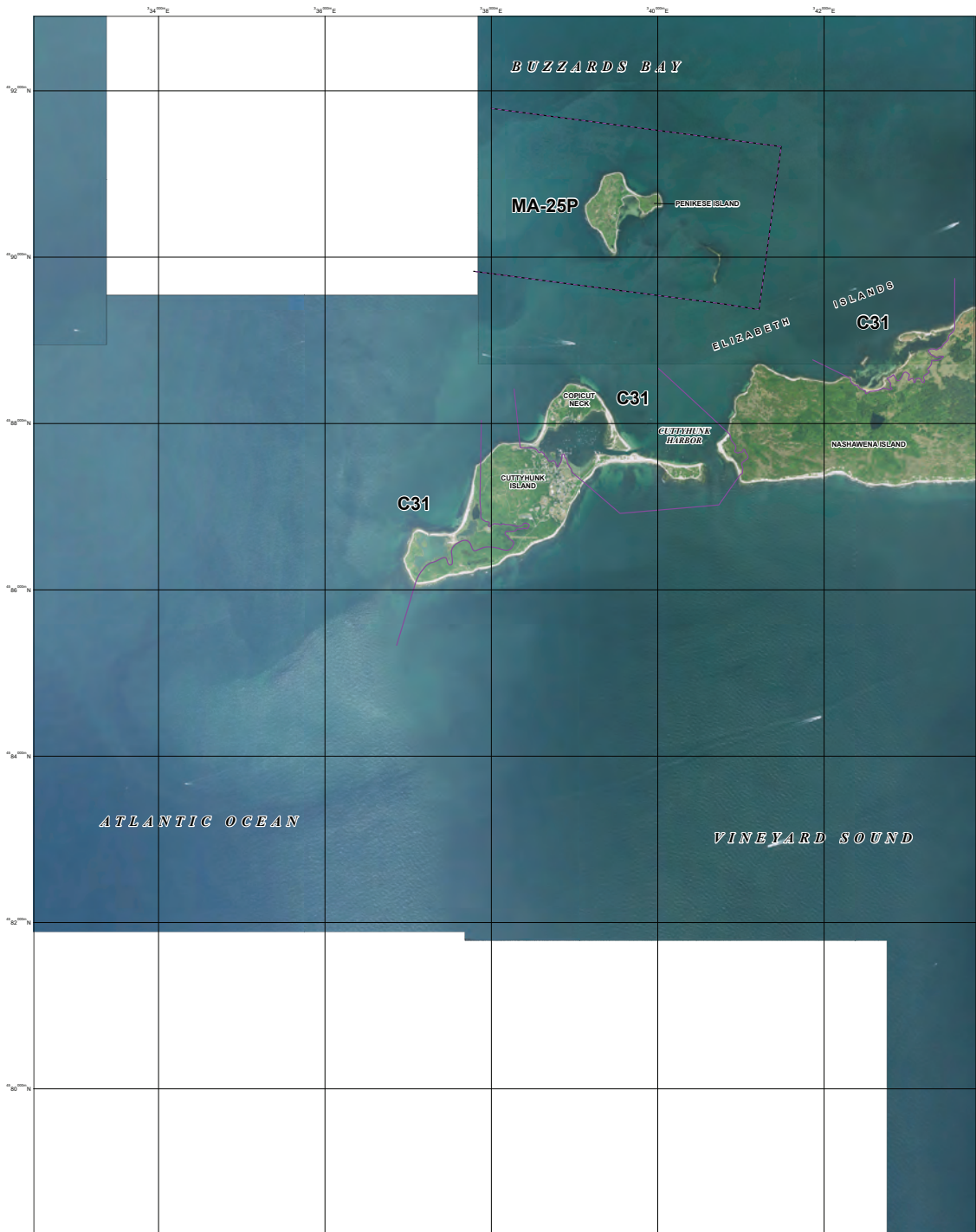
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 2000-meter Universal Transverse Mercator grid values
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 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
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 Draft Map: 25-035A Map Date: December 18, 2020

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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

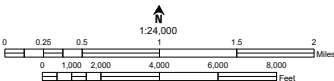
Elizabeth Island Unit C31 (2 of 2)
Penikese Island Unit MA-25P

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- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
- Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 19 North
- Draft Map: 25-036A Map Date: December 18, 2020



Final Recommended



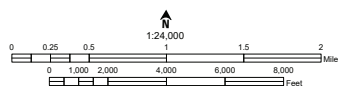
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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Cedar Cove Unit C34A



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- - - - Approximate State Boundary
- 25°54'00"N 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program
- Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 19 North
- Draft Map: 25-037A Map Date: December 18, 2020

U.S. Department of the Interior
U.S. Fish & Wildlife Service

<http://www.fws.gov>

April 2022

