

U.S. Fish & Wildlife Service

John H. Chafee Coastal Barrier Resources System (CBRS) Unit M06, Morris Island, South Carolina Summary of Final Recommended Changes

Type of Unit: System Unit

County: Charleston

Congressional District: 1

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

- Map [45-016A](#) dated December 6, 2013

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

- Draft map [45-016B](#) dated April 29, 2021

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2019

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348) enacted on October 18, 1982 (47 FR 52388), originally established Unit M06.

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 (79 FR 21787) published on April 17, 2014, 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: www.fws.gov/cbra/Historical-Changes-to-CBRA.html.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 60-day public comment period on the proposed boundaries for this area from January 4 through March 5, 2021. For a summary of the comments received and the Service's responses, see the document entitled [John H. Chafee Coastal Barrier Resources System Unit M06/M06P, Unit M11, Unit M12/M12P, and Unit SC-09P](#), which is available on the Service's website at: www.fws.gov/cbra.

The Service received comments specific to Unit M06.

Changes between Proposed and Final Recommended Boundaries: The changes to Unit M06 between proposed and final recommended are described below:

- The boundary of the unit in Folly Beach to the west of Lighthouse Inlet Heritage Preserve has been modified to avoid adding to the CBRS one privately-owned structure (constructed in 2019) on the north side of East Ashley Avenue that did not appear on the 2017 aerial imagery used to prepare the proposed boundary.

Final Recommended Changes: The final recommended changes to Unit M06 are described below.

Unit M06 Summary of Recommended Changes (continued)

Recommended Removals:

- Two structures and adjacent fastland along Sweetgrass Creek Road near its terminus

Recommended Additions:

- An undeveloped secondary barrier island known as Long Island and associated aquatic habitat located between Folly Island and Long Island River (including a minor area that is privately owned and subject to a conservation easement held by the South Carolina Battleground Preservation Trust, located at the western end of Long Island)
- Wetlands along Seaside Creek in the vicinity of Secessionville, along Clark Sound in the vicinity of Oceanview and Lighthouse Point, and along a tributary of Parrot Point Creek north of Fort Johnson Estates subdivision

Other Modifications/Information:

- Modification of the boundary of the unit to account for natural changes along a portion of the shoreline of Folly Island on the south side of Lighthouse Inlet. This modification results in a small addition of mostly open water.
- An area of wetlands that is owned by the City of Charleston and subject to a deed restriction (held by The Trust for Public Land) is currently within System Unit M06, located on Cummings Point at the northern end of Morris Island. This area is not proposed for reclassification to an Otherwise Protected Area (OPA) because the deed restriction was not in place when this area was first included in 1982 within the CBRS.
- A portion of Lighthouse Inlet Heritage Preserve (owned by the Charleston County Parks and Recreation Commission and managed under a cooperative partnership with the South Carolina Department of Natural Resources) is currently within System Unit M06. This area is not proposed for reclassification to an OPA because it was acquired for conservation and/or recreation by the County after the area was first included in 1990 within the CBRS.

For information about the Service's guiding principles and criteria for assessing CBRS boundary modifications, visit www.fws.gov/cbra/maps/Boundary-Modifications.html.

Technical Correction Assessment: The Service has completed a Technical Correction Assessment to address requests that were received to determine whether mapping errors exist for specific areas within this unit. The assessment can be found in the [Summary of Proposed Changes for Unit M06](#), which is available on the Service's website: www.fws.gov/cbra.

Unit M06 Summary of Recommended Changes (continued)

Acreage, Shoreline, and Structure Information:

The table below includes the acreage, shoreline, and structure changes associated with the recommended boundary of Unit M06.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	8,159	116	8,043	4.3	
Added to the CBRS	2,632	160	2,472		0
Removed from the CBRS	1	1	0		2
Reclassified Area****	0	0	0		0
Proposed Unit	10,790	275	10,515	4.3	
Net Change	2,631	159	2,472	0.0	(2)

*Land above mean high tide.

**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.

***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)).

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

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