

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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U.S. Fish & Wildlife Service

John H. Chafee Coastal Barrier Resources System (CBRS) Unit M06P, Morris Island, South Carolina Summary of Final Recommended Changes

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

County: Charleston

Congressional District: 1

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

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. No comments specific to Unit M06P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit M06P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit M06P is not currently within the CBRS.

Included within new OPA Unit M06P are the following area(s):

- A portion of Lighthouse Inlet Heritage Preserve located at the northeastern end of Folly Island (owned by the Charleston County Parks and Recreation Commission and managed under a cooperative partnership with the South Carolina Department of Natural Resources)

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

Unit M06P 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 M06P.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	41	33	8		0
Removed from the CBRS	0	0	0		0
Reclassified Area****	0	0	0		0
Proposed Unit	41	33	8	0.7	
Net Change	41	33	8	0.7	0

*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)).

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John H. Chafee Coastal Barrier Resources System (CBRS) Unit M11, Harbor Island, South Carolina Summary of Final Recommended Changes

Type of Unit: System Unit

County: Beaufort

Congressional District: 1

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

- Map [45-021A](#) dated December 6, 2013

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

- Draft map [45-021B](#) dated April 29, 2021
- Draft map [45-022B](#) 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 M11.

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 M11.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit M11 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit M11 are described below.

Recommended Removals:

- Two structures on Ocean Marsh Lane in the Harbor Island (Phase I) subdivision
- One structure on Little Horse Island Drive

Unit M11 Summary of Recommended Changes (continued)

- A small area of fastland including two structures, located at the end of Harbor Oaks Lane
- One structure on Coffin Point along Sea Pines Drive

Recommended Additions:

- Wetlands and small areas of fastland on Harbor Island in the vicinity of the Harbor Island subdivision
- Minor areas of privately owned wetlands that are subject to a conservation easement (held by the Beaufort County Open Land Trust), located on Harbor Island east of Sea Island Parkway near the terminus of Harbor Key Drive and Harbor Drive North
- Areas of undeveloped fastland and wetlands on the north end of Horse Island in the Harbor River
- Wetlands along Wards Creek in the vicinity of Gay Fish County Road and U.S. Highway 21 (Sea Island Parkway)
- Small areas of fastland and wetlands south of Inglewood Circle near its intersection with Janette Drive
- Fastland and wetlands along Middle Point Road, including one residential structure

Other Modifications/Information:

- Areas of fastland and associated aquatic habitat located on Harbor Island that are privately owned and subject to a conservation easement (held by the Beaufort County Open Land Trust) are currently within System Unit M11. These areas are not proposed for reclassification to an Otherwise Protected Area because the conservation easement was not in place when the areas were first included in 1982 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 M11](#), which is available on the Service's website: www.fws.gov/cbra.

Unit M11 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 M11.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	3,383	78	3,305	2.6	
Added to the CBRS	248	31	217		1
Removed from the CBRS	10	10	0		6
Reclassified Area****	0	0	0		0
Proposed Unit	3,621	99	3,522	2.6	
Net Change	238	21	217	0.0	(5)

*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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John H. Chafee Coastal Barrier Resources System (CBRS) Unit M12, St. Phillips Island, South Carolina Summary of Final Recommended Changes

Type of Unit: System Unit

County: Beaufort

Congressional District: 1

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

- Map [45-022A](#) dated December 6, 2013
- Map [45-023A](#) dated December 6, 2013

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

- Draft map [45-021B](#) dated April 29, 2021
- Draft map [45-022B](#) dated April 29, 2021
- Draft map [45-023B](#) 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 M12.

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 (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. No comments specific to Unit M12 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit M12 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit M12 are described below.

Recommended Removals:

- One structure and adjacent fastland along John Scott Road near its terminus

Unit M12 Summary of Recommended Changes (continued)

Recommended Additions:

- Small areas of fastland and wetlands associated with the Beaufort River, Station Creek, and the Harbor River, located on St Helena Island along the landward boundary of the unit
- Wetlands and small areas of fastland between Old Island and St Helena Island, including Cherry Hill Knoll Island and portions of Horse Island, the Harbor River, and the Story River
- A minor area of wetlands that are privately owned and subject to a conservation easement (held by the Beaufort County Open Land Trust), located south of Fort Fremont along Station Creek

Other Modifications/Information:

- Areas of fastland and associated aquatic habitat that are privately owned and subject to a conservation easement (held by the Beaufort County Open Land Trust) are currently within System Unit M12, located south of Fort Fremont along Station Creek. These areas are not proposed for reclassification to an Otherwise Protected Area (OPA) because the conservation easement was not in place when the areas were first included in 1990 within the CBRS.
- St. Phillips Island (owned by the State of South Carolina and subject to a conservation easement held by The Nature Conservancy) is currently within System Unit M12. This area is not proposed for reclassification to an OPA because the Island was privately owned and not held for conservation and/or recreation when it was first included in 1982 within the CBRS.
- Portions of Old Island Heritage Preserve/Wildlife Management Area (owned by the South Carolina Department of Natural Resources) are currently within System Unit M12. This area is not proposed for reclassification to an OPA because it was not held for conservation and/or recreation when the area was first included in 1990 within the CBRS.
- Pritchards Island, part of which is owned by the University of South Carolina and is subject to a deed restriction to maintain the Island in a wilderness state, is currently within System Unit M12. This area is not proposed for reclassification to an OPA because the deed restriction was not in place when the area was first included in 1982 within the CBRS.
- A minor area of shoals known as Bay Point Shoal Seabird Sanctuary (managed by the South Carolina Department of Natural Resources) is currently located within System Unit M12. This area is not proposed for reclassification to an OPA.

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

U.S. Fish & Wildlife Service

John H. Chafee Coastal Barrier Resources System (CBRS) Unit M12P, St. Phillips Island, South Carolina Summary of Final Recommended Changes

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

County: Beaufort

Congressional District: 1

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

- Draft map [45-021B](#) dated April 29, 2021
- Draft map [45-022B](#) dated April 29, 2021
- Draft map [45-023B](#) dated April 29, 2021

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

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. No comments specific to Unit M12P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit M12P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit M12P is not currently within the CBRS.

Included within new OPA Unit M12P are the following area(s):

- The northern portion of Old Island Heritage Preserve/Wildlife Management Area (owned by the South Carolina Department of Natural Resources), located between Old House Creek and Story River northwest of Fripp Island
- Old House Creek between Old Island and Fripp Island

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

Unit M12P 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 M12P.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	2,128	334	1,794		0
Removed from the CBRS	0	0	0		0
Reclassified Area****	0	0	0		0
Proposed Unit	2,128	334	1,794	0.0	
Net Change	2,128	334	1,794	0.0	0

*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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U.S. Fish & Wildlife Service

John H. Chafee Coastal Barrier Resources System (CBRS) Unit SC-09P, Hunting Island, South Carolina Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Beaufort

Congressional District: 1

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

- Map [45-021A](#) dated December 6, 2013

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

- Draft map 45-021B dated April 29, 2021
- Draft map 45-022B 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 Improvement Act (Pub. L. 101-591) enacted on November 16, 1990, (56 FR 26304) originally established Unit SC-09P.

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

- *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. No comments specific to Unit SC-09P were received.

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

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

Recommended Additions:

- Wetlands and small areas of fastland that are privately owned and subject to a conservation easement (held by the Beaufort County Open Land Trust), located on Harbor Island along U.S. Highway 21 (Sea Island Parkway)
- A portion of U.S. Highway 21 on Harbor Island south of the Harbor River
- Minor areas of undeveloped fastland and wetlands that are both publicly and privately owned and not held for conservation and/or recreation, located on Harbor Island along U.S. Highway 21

Unit SC-09P Summary of Recommended Changes (continued)

- Portions of the Fripp Inlet channel and the bridge connecting Hunting Island and Fripp Island (parts of which are currently within the OPA) and small areas of privately owned wetlands along the northern shoreline of Fripp Island that are not held for conservation and/or recreation

Other Modifications/Information:

- Small areas of fastland and wetlands, including five structures, that are privately owned and not held for conservation and/or recreation are currently within OPA Unit SC-09P. These areas are inholdings (i.e., private land within the exterior boundaries of a conservation and/or recreation area) of Hunting Island State Park and are not proposed for reclassification to a System Unit.
- Minor areas of wetlands that are publicly owned and not held for conservation and/or recreation are currently within OPA Unit SC-09P, located on Harbor Island along U.S. Highway 21. These areas are not proposed for reclassification to a System Unit.

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