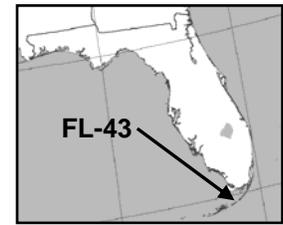


Appendix D: Pilot Project Unit Summaries and Maps

John H. Chafee Coastal Barrier Resources System Unit FL-43, Channel Key, Florida

Type of Unit: System unit
Location of Unit: South of Key Largo in the Florida Keys, in Monroe County
Congressional District: 18
Establishment of Unit: Coastal Barrier Improvement Act (P.L. 101-591) enacted on 11/16/1990
Historical Changes to Unit: There have been no changes to the boundaries of Unit FL-43 since its designation in 1990.

Existing Boundary Description: The southern boundary of Unit FL-43 generally follows the shoreline north of Toms Harbor Cut. The eastern and western boundaries parallel each other in the open water of Florida Bay to include Channel Key in the unit. The northern boundary closes the unit off in open water at the Intracoastal Waterway.
Proposed Changes to Boundary: There are no proposed changes to the boundaries of Unit FL-43.



Acreeage, Shoreline, and Structures:

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	1,187.0	14.5	1,172.5	0.2	
Added to the CBRS	0.0	0.0	0.0		N/A
Removed from the CBRS	0.0	0.0	0.0		N/A
Reclassified Area	0.0	0.0	0.0	0.0	
Proposed Unit	1,187.0	14.5	1,172.5	0.2	
Net Change	0.0	0.0	0.0	0.0	N/A

¹ Land above mean high tide

² Includes adjacent wetlands, marshes, estuaries, inlets, and nearshore waters

³ Structure count not conducted; no fastland added or removed

Appendix D: Pilot Project Unit Summaries and Maps

John H. Chafee Coastal Barrier Resources System Unit FL-44, Toms Harbor Keys, Florida

Type of Unit: System unit

Location of Unit: South of Key Largo in the Florida Keys, in Monroe County

Congressional District: 18

Establishment of Unit: Coastal Barrier Improvement Act (P.L. 101-591) enacted on 11/16/1990

Historical Changes to Unit: There have been no changes to the boundaries of Unit FL-44 since its designation in 1990.

Existing Boundary Description: The eastern boundary of Unit FL-44

generally follows the eastern edge of Duck Key Channel, and moves northward across Toms Harbor Channel until it meets the Grassy Key shoreline. The northern boundary roughly follows the Grassy Key shoreline. The western boundary is a straight line from the Grassy Key shoreline into the Atlantic Ocean on the west side of Toms Harbor Keys.

Proposed Changes to Boundary: The eastern boundary of Unit FL-44 is adjusted to include the entire Duck Key Channel. The northern boundary is adjusted to follow more precisely the shoreline and to include associated aquatic habitat



and undeveloped fastland. The western boundary is adjusted westward to be at the 1990 break-in-development.

Acreeage, Shoreline, and Structures:

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	384.1	58.6	325.5	1.0	
Added to the CBRS	144.1	40.1	104.0		0
Removed from the CBRS	2.5	0.6	1.9		2
Reclassified Area	0.0	0.0	0.0	0.0	
Proposed Unit	525.7	98.1	427.6	1.1	
Net Change	141.6	39.5	102.1	0.1	(2)

¹ Land above mean high tide

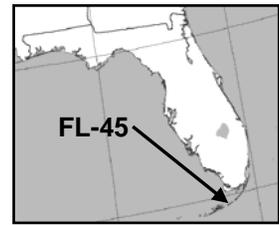
² Includes adjacent wetlands, marshes, estuaries, inlets, and nearshore waters

³ Structure count derived from 1999 and 2004 aerial photography, and 2005 Monroe County property parcel information

John H. Chafee Coastal Barrier Resources System Unit FL-45, Deer/Long Point Keys, Florida

Type of Unit: System unit
Location of Unit: North of Key West in the Florida Keys, in Monroe County
Congressional District: 18
Establishment of Unit: Coastal Barrier Improvement Act, or CBIA, (P.L. 101-591) enacted on 11/16/1990
Historical Changes to Unit: There have been no changes to the boundaries of Unit FL-45 since its designation in 1990.
Existing Boundary Description: The eastern boundary of Unit FL-45 follows the waterway between Little Crawl Key and Crawl Key, crosses U.S. Highway 1, and continues into Florida Bay, following the waterway between Crawl Key and Long Point Key. The northern boundary crosses Long Point Key south of Burnt Point and continues westward in open water. The western boundary runs south until it meets Fat Deer Key near the break-in-development on the north side of U.S. Highway 1, cuts east across undeveloped land near the break-in-development on Fat Deer Key, roughly follows a channel, and crosses a tip of land

as it extends out into the Atlantic Ocean.
Proposed Changes to Boundary: The eastern boundary of Unit FL-45 is moved to the east to include additional undeveloped fastland, excluding a cluster of existing development to the east of Little Crawl Key. North of U.S. Highway 1, the boundary is aligned with digital property parcel data at the current break-in-development on Grassy Key. South of U.S Highway 1, the boundary is adjusted to align with emergent mangroves and digital property parcel data at the current break-in-development. This area was proposed for addition to the John H. Chafee Coastal Barrier Resources System in Volume 14 of the Department of the Interior’s 1988 Report to Congress: Coastal Barrier Resources System, Recommendations for Additions to or Deletions from the Coastal Barrier Resources System, but was not adopted by Congress with the enactment of the CBIA. This area is proposed for addition to Unit FL-45 at this time because it still meets the Coastal Barrier Resources Act definition and criteria for an undeveloped coastal barrier. The northern boundary is aligned with



digital property parcel data where it crosses Long Point Key south of Burnt Point. The western boundary is adjusted to include emergent mangroves.
Additional Comments: Curry Hammock State Park, managed by the Florida Department of Environmental Protection, is located within Unit FL-45, but is not proposed for reclassification as an otherwise protected area because the park was acquired by the State of Florida on September 10, 1991, after Unit FL-45 was established.

Acreeage, Shoreline, and Structures:

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	1,443.3	388.8	1,054.5	1.0	
Added to the CBRS	543.3	140.9	402.4		0
Removed from the CBRS	9.0	0.1	8.9		0
Reclassified Area	0.0	0.0	0.0	0.0	
Proposed Unit	1,977.6	529.6	1,448.0	1.8	
Net Change	534.3	140.8	393.5	0.8	0

¹ Land above mean high tide

² Includes adjacent wetlands, marshes, estuaries, inlets, and nearshore waters

³ Structure count derived from 1999 and 2004 aerial photography, and 2005 Monroe County property parcel information