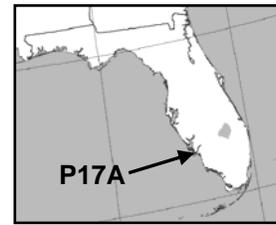


John H. Chafee Coastal Barrier Resources System Unit P17A, Bowditch Point, Florida

Type of Unit: System unit
Location of Unit: North of Naples on the Gulf Coast, in Lee County
Congressional District: 14
Establishment of Unit: Coastal Barrier Resources Act (P.L. 97-348) enacted on 10/18/1982
Historical Changes to Unit: 11/2/1994: P.L. 103-461 modified the southern boundary of Unit P17A to include only areas that were undeveloped at the time the unit was established.
Existing Boundary Description: The southern boundary of Unit P17A cuts across Bowditch Point. The eastern and northern boundaries are contiguous with the boundary of adjacent Unit FL-67. The eastern boundary follows the approximate center of Estero Pass. The northern boundary curves around what was once the end of Bowditch Point, but the spit has since accreted so that the boundary now cuts across the tip

of the spit.
Proposed Changes to Boundary: The southern boundary of Unit P17A is aligned with digital property parcel data of the properties that were intended to be excluded by P.L. 103-461. The eastern boundary is adjusted to include the entire Estero Pass channel in the unit. The northern boundary is adjusted to include the portion of the barrier spit that has accreted beyond the Unit P17A boundary.
Additional Comments: The northern and eastern boundaries of Unit P17A are contiguous with the boundaries of adjacent Unit FL-67. The adjustment of these two boundaries results in the expansion of Unit P17A into Unit FL-67. This change will place the appropriate landforms and their associated aquatic habitats within their discrete System units. Bowditch Point Park, owned by Lee County, is located within Unit P17A, but is not proposed for reclassification as an otherwise protected area because the park was acquired by the



county in December 1987 after the designation of Unit P17A. In 1982, the unit name was incorrectly identified as “Bowditch Point” because the U.S. Geological Survey topographic base map contained a typographical error. Research has revealed that the correct name should be “Bowditch Point” and this has been corrected on the draft map.

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	29.7	15.3	14.4	0.2	
Added to the CBRS	32.1	0.9	31.2		0
Removed from the CBRS	0.3	0.0	0.3		0
Reclassified Area	0.0	0.0	0.0	0.0	
Proposed Unit	61.5	16.2	45.3	0.4	
Net Change	31.8	0.9	30.9	0.2	0

¹ Land above mean high tide

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

³ Structure count derived from 1998 and 2004, aerial photography, and 2003 Lee County property parcel information

John H. Chafee Coastal Barrier Resources System Unit FL-67, Bunche Beach, Florida

Type of Unit: System unit

Location of Unit: North of Naples on the Gulf Coast, in Lee County

Congressional District: 14

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-67 since its designation in 1990.

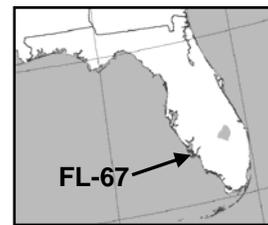
Existing Boundary Description: The eastern boundary of Unit FL-67 crosses the tip of Bowditch Point and follows the center of Estero Pass (which coincides with a portion of the boundaries of adjacent Unit P17A). From this point, the eastern boundary crosses San Carlos Bay, and generally follows the center of Pelican Bay and the edge of a canal west of a developed area. The landward boundary roughly follows a break in vegetation, the western side of a road, and the northern edge of mangroves. This boundary then follows the western edge of a channel across from development and includes developing shoals in the Caloosahatchee River to the east of Shell Point. The western boundary follows a channel between Big and Little Shell Islands and Shell Point, cuts straight south through San Carlos Bay to the east of Miguel Key, roughly follows the break-in-development in Punta Rassa, and cuts through an accreting island and developing shoals in San Carlos Bay. The excluded area boundary generally follows the shoreline of Connie Mack Island, the north side of State Highway 867, and a break-in-development.

Proposed Changes to Boundary:

The eastern boundary of Unit FL-67 is adjusted to be coincident with the proposed boundaries of adjacent Unit P17A, to include a small undeveloped island in Pelican

Bay and mangroves, and to follow the western edge of a canal and the boundaries of the proposed new otherwise protected area (OPA) Unit FL-67P. The landward boundary is adjusted to include mangroves on the north side of proposed Unit FL-67P, to follow the southern shoreline of Grassy Pond and the boundaries of proposed Unit FL-67P, to align more precisely with the western side of a road, and to include mangroves. The western boundary is adjusted to include Big and Little Shell Islands, to follow more precisely the 1990 break-in-development in Punta Rassa, and to include accreting island and developing shoals in San Carlos Bay. The excluded area boundary is adjusted to follow the Connie Mack Island shoreline. The southeastern portion of the boundary is adjusted to follow more precisely the north side of State Highway 867 and the 1990 break-in-development.

Additional Comments: In 1990, the unit name was incorrectly identified as “Bunch Beach” because the U.S. Geological Survey topographic base map contained a typographical error. Research has revealed that the correct name is spelled “Bunche Beach,” and this has been corrected on the draft map. There are two parks located partially within Unit FL-67. The San Carlos Bay – Bunche Beach Preserve, managed by the Lee County Parks and Recreation Department, was originally established in 1949, when it consisted of a single beachfront acre within what would become Unit FL-67 in 1990. Between 2002 and 2006, more than 7,880 acres were added to the park. Of those, approximately 5,995 are within the current boundary of Unit FL-67. Because all land except the beachfront acre was added to San Carlos Bay – Bunche Beach Preserve after Unit FL-67 was established, those portions of the preserve that are within Unit



FL-67 are not being proposed for reclassification as an OPA. Estero Bay Preserve State Park, managed by the Florida Department of Environmental Protection was first acquired by the State of Florida in 1987. After 1987, many additional acres were added to the park. Because the dates of acquisition are unavailable for the Estero Bay Preserve State Park parcels within Unit FL-67, those portions are not being proposed for reclassification as an OPA. The northern and eastern boundaries of Unit P17A are contiguous with the boundaries of Unit FL-67. Unit P17A is proposed to be expanded into Unit FL-67 so that the appropriate landforms and their associated aquatic habitats will be within their discrete System units.

Appendix D: Pilot Project Unit Summaries and Maps

John H. Chafee Coastal Barrier Resources System FL-67, Bunche Beach, Florida (continued)

Acreage, 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	3,070.7	122.5	2,948.2	4.6	
Added to the CBRS	329.2	16.6	312.6		0
Removed from the CBRS	24.3	1.3	23.0		1
Reclassified Area	0.0	0.0	0.0	0.0	
Proposed Unit	3,375.6	137.8	3,237.8	4.6	
Net Change	304.9	15.3	289.6	0.0	(1)

¹ Land above mean high tide

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

³ Structure count derived from 1998 and 2004, aerial photography, and 2003 Lee County property parcel information

Appendix D: Pilot Project Unit Summaries and Maps

John H. Chafee Coastal Barrier Resources System Unit FL-67P, Bunche Beach, Florida

Type of Unit: Proposed new otherwise protected area (OPA)

Location of Unit: North of Naples on the Gulf Coast, in Lee County

Congressional District: 14

Current CBRS Status: The proposed new OPA Unit FL-67P is not currently within the John H. Chafee Coastal Barrier Resources System (CBRS).

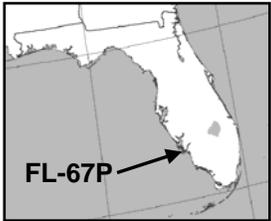
Otherwise Protected Area Criteria:

Proposed new Unit FL-67P meets the Coastal Barrier Improvement Act definition of an OPA. The San Carlos Bay – Bunche Beach Preserve, managed by the Lee County Parks and Recreation Department, was originally

established in 1949, when it consisted of a single beachfront acre within what would become Unit FL-67 in 1990. Between 2002 and 2006, more than 7,880 acres were added to the park. Of those, approximately 5,995 are within the current boundary of Unit FL-67.

Proposed Boundaries: The boundaries of the proposed new unit follow the boundaries of those portions of the San Carlos Bay – Bunche Beach Preserve that are not within System Unit FL-67.

Additional Comments: There are no known private inholdings within the proposed new Unit FL-67P. Those portions of the San Carlos Bay – Bunche Beach Preserve that are within System Unit FL-67 are not being proposed for reclassification as an OPA because the land was in



the CBRS before it was added to the Preserve.

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	0.0	0.0	0.0	0.0	
Added to the CBRS	170.5	19.5	151.0		0
Removed from the CBRS	0.0	0.0	0.0		0
Reclassified Area	0.0	0.0	0.0	0.0	
Proposed Unit	170.5	19.5	151.0	0.0	
Net Change	170.5	19.5	151.0	0.0	0

¹ Land above mean high tide

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

³ Structure count derived from 1998 and 2004, aerial photography, and 2003 Lee County property parcel information