

## Appendix D: Pilot Project Unit Summaries and Maps

### John H. Chafee Coastal Barrier Resources System Unit FL-73P, De Soto, Florida

**Type of Unit:** Otherwise protected area (OPA)

**Location of Unit:** South of St. Petersburg on the Gulf Coast, in Manatee County

**Congressional District:** 13

**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-73P since its designation in 1990.

**Underlying Conservation/Recreation Area(s) in OPA:** De Soto National Memorial, owned by the National Park Service since 1948.

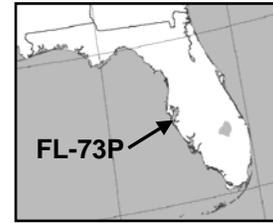
**Existing Boundary Description:** The boundaries of Unit FL-73P roughly follow the boundaries of the De Soto

National Memorial.

**Proposed Changes to Boundary:**

The boundaries of Unit FL-73P are aligned more precisely with the boundaries of De Soto National Memorial. This includes the addition of an adjacent parcel to the south, owned by Manatee County and managed as part of the national memorial.

**Additional Comments:** There are no known private inholdings within Unit FL-73P. The open water component of the existing Unit FL-73P is proposed for reclassification to System Unit FL-78 because the boundary of System Unit FL-78 is proposed to include the entire Manatee River Channel.



### Acreage, Shoreline, and Structures:

	<i>Total Acres</i>	<i>Fastland Acres<sup>1</sup></i>	<i>Associated Aquatic Habitat Acres<sup>2</sup></i>	<i>Shoreline (Miles)</i>	<i>Structures<sup>3</sup></i>
Existing Unit	162.1	21.6	140.5	0.6	
Added to the CBRS	13.7	12.9	0.8		0
Removed from the CBRS	0.0	0.0	0.0		0
Reclassified Area	(137.8)	0.0	(137.8)	0.0	
Proposed Unit	38.0	34.5	3.5	0.7	
Net Change	(124.1)	12.9	(137.0)	0.1	0

<sup>1</sup> Land above mean high tide

<sup>2</sup> Includes adjacent wetlands, marshes, estuaries, inlets, and nearshore waters

<sup>3</sup> Structure count derived from 1998 and 2004, aerial photography, and 2003 Manatee County property parcel information

**John H. Chafee Coastal Barrier Resources System Unit FL-78, Rattlesnake Key, Florida**

**Type of Unit:** System unit

**Location of Unit:** South of St. Petersburg on the Gulf Coast, in Manatee County

**Congressional District:** 13

**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-78 since its designation in 1990.

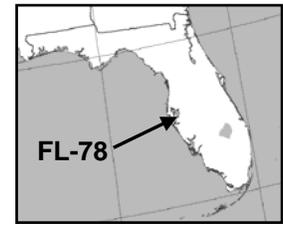
**Existing Boundary Description:** The northern boundary of Unit FL-78 crosses through Big Migual Pass and Migual Bay. The landward boundary continues across Critical Bayou, roughly follows the wetland/fastland interface on Terra Ceia Island, and crosses Terra Ceia Bay to include several small keys. The southern boundary generally follows the shoreline of Snead Island and the edge of mangroves on the island

and appears to follow the break-in-development before continuing into the Manatee River where it turns west and extends past Snead Island.

**Proposed Changes to Boundary:**

The landward boundary of Unit FL-78 is adjusted to follow more precisely the wetland/fastland interface on Terra Ceia Island. The southern boundary is adjusted to follow more precisely the Snead Island shoreline, to exclude a parcel which was developed at the time Unit FL-78 was established, and to follow more precisely the wetland/fastland interface and the edge of mangroves. The southern boundary is also adjusted to include the entire Manatee River channel within Unit FL-78.

**Additional Comments:** The open water component of the existing Unit FL-73P, which is not held for conservation or recreation purposes, is proposed for reclassification from otherwise protected area (OPA) to System Unit status as part of Unit FL-78 because the Unit FL-78



boundary is adjusted to include the entire Manatee River channel within the unit. Emerson Point Park, managed by Manatee County, is located partially within Unit FL-78, but is not proposed for reclassification as an OPA because the park was acquired by the State of Florida in 1991 after Unit FL-78 was established.

**Acreeage, Shoreline, and Structures:**

	<i>Total Acres</i>	<i>Fastland Acres<sup>1</sup></i>	<i>Associated Aquatic Habitat Acres<sup>2</sup></i>	<i>Shoreline (Miles)</i>	<i>Structures<sup>3</sup></i>
Existing Unit	3,067.9	111.8	2,956.1	4.1	
Added to the CBRS	279.7	1.3	278.4		0
Removed from the CBRS	5.3	4.5	0.8		1
Reclassified Area	137.8	0.0	137.8	0.0	
Proposed Unit	3,480.1	108.6	3,371.5	4.1	
Net Change	412.2	(3.2)	415.4	0.0	(1)

<sup>1</sup> Land above mean high tide

<sup>2</sup> Includes adjacent wetlands, marshes, estuaries, inlets, and nearshore waters

<sup>3</sup> Structure count derived from 1998, 1999 and 2004, aerial photography, and 2003 Manatee County property parcel information

**John H. Chafee Coastal Barrier Resources System Unit FL-78P, Rattlesnake Key, Florida**

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

**Location of Unit:** South of St. Petersburg on the Gulf Coast, in Manatee County

**Congressional District:** 13

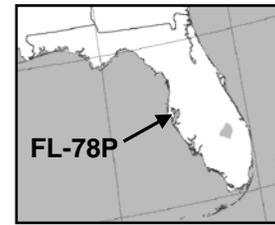
**Current CBRS Status:** The proposed new OPA Unit FL-78P is not currently within the John H. Chafee Coastal Barrier Resources System.

**Otherwise Protected Area Criteria:** Proposed new Unit FL-78P meets the Coastal Barrier Improvement Act definition of an OPA. Emerson Point Park, managed by Manatee County, was acquired for

conservation by the State of Florida in 1991.

**Proposed Boundaries:** The boundaries of proposed new Unit FL-78P follow the boundaries of those portions of Emerson Point Park that are not within Unit FL-78. However, a small tract on the eastern end of the park is separated from the main body of the park by an undeveloped private property. Neither the private property nor the separate tract of park property is included in the proposed OPA.

**Additional Comments:** There are no known private inholdings within the proposed new Unit FL-78P.



**Acreeage, Shoreline, and Structures:**

	<i>Total Acres</i>	<i>Fastland Acres<sup>1</sup></i>	<i>Associated Aquatic Habitat Acres<sup>2</sup></i>	<i>Shoreline (Miles)</i>	<i>Structures<sup>3</sup></i>
Existing Unit	0.0	0.0	0.0	0.0	
Added to the CBRS	12.2	6.2	6.0		0
Removed from the CBRS	0.0	0.0	0.0		0
Reclassified Area	0.0	0.0	0.0	0.0	
Proposed Unit	12.2	6.2	6.0	0.0	
Net Change	12.2	6.2	6.0	0.0	0

<sup>1</sup> Land above mean high tide

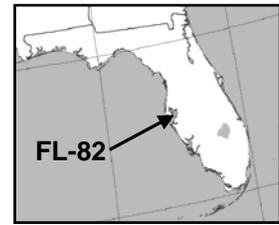
<sup>2</sup> Includes adjacent wetlands, marshes, estuaries, inlets, and nearshore waters

<sup>3</sup> Structure count derived from 1999 and 2004, aerial photography, and 2003 Manatee County property parcel information

**John H. Chafee Coastal Barrier Resources System Unit FL-82, Bishop Harbor, Florida**

**Type of Unit:** System unit  
**Location of Unit:** Southeast of St. Petersburg on the Gulf Coast, in Manatee County  
**Congressional District:** 11  
**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-82 since its designation in 1990.  
**Existing Boundary Description:** The northern boundary of Unit FL-82 starts in open water, and when the boundary reaches land, it follows the wetland/fastland interface along Redfish Creek. The landward boundary roughly follows a road for a short distance in the northern section and then various natural features, including changes in vegetation (such as the edge of mangroves and the wetland/fastland

interface). The landward boundary also cuts across Bishop Harbor, Clambar Bay, and Williams Bayou. The southern boundary generally follows the northern edge of Interstate Highway 275 and extends out into open water.  
**Proposed Changes to Boundary:** The northern boundary of Unit FL-82 is adjusted to follow more precisely the edge of mangroves. The landward boundary is adjusted to follow more precisely the road in the north, and changes in vegetation including the edges of mangroves, and the wetland/fastland interface.  
**Additional Comments:** Terra Ceia Preserve State Park is partially located within Unit FL-82, but is not proposed for reclassification as an otherwise protected area (OPA) because the State park was not established until July 1, 2004, after the designation of Unit FL-82. Portions of the park are the area that was previously Terra Ceia Aquatic Preserve. This area is not proposed for reclassification a



as an OPA because Volume 15 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 stated that in Florida, Aquatic Preserves and Outstanding Florida Waters do not meet the definition of “otherwise protected”.

**Acreeage, Shoreline, and Structures:**

	<i>Total Acres</i>	<i>Fastland Acres<sup>1</sup></i>	<i>Associated Aquatic Habitat Acres<sup>2</sup></i>	<i>Shoreline (Miles)</i>	<i>Structures<sup>3</sup></i>
Existing Unit	1,719.7	89.3	1,630.4	5.1	
Added to the CBRS	32.1	0.0	32.1		0
Removed from the CBRS	26.1	16.1	10.0		0
Reclassified Area	0.0	0.0	0.0	0.0	
Proposed Unit	1,725.7	73.2	1,652.5	5.1	
Net Change	6.0	(16.1)	22.1	0.0	0

<sup>1</sup> Land above mean high tide  
<sup>2</sup> Includes adjacent wetlands, marshes, estuaries, inlets, and nearshore waters  
<sup>3</sup> Structure count derived from 1999 and 2004, aerial photography, and 2003 Manatee County property parcel information