

John H. Chafee Coastal Barrier Resources System Unit P21, Bocilla Island, Florida

Type of Unit: System unit

Location of Unit: South of Punta Gorda Beach on the Gulf Coast, in Charlotte County

Congressional District: 13

Establishment of Unit: Coastal Barrier Resources Act (P.L. 97-348) enacted on 10/18/1982

Historical Changes to Unit:

11/16/1990: P.L. 101-591 added associated aquatic habitat to Unit P21, and created otherwise protected area (OPA) Unit P21P on the same map.

Existing Boundary Description:

Unit P21 consists of three discrete segments.

Southern segment: The northern and southern boundaries cut straight across Little Gasparilla Island at the break-in-development. The landward boundary lies about a third of the way across Placida Harbor.

Middle segment: The southern boundary cuts across Little Gasparilla Island roughly at the break-in-development and follows the channel between two islands to the shoreline of the mainland. The landward boundary generally follows the wetland/fastland interface and the shoreline of the mainland. The northern boundary generally follows the eastern shoreline of Don Pedro Island and cuts through development on Don Pedro Island at the 1982 break-in-development.

Northern segment: The southern boundary cuts across the barrier, bisecting areas of development, and then crosses Lemon Bay to the mainland. The landward boundary

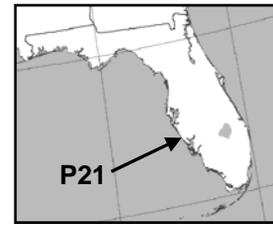
roughly follows the wetland/fastland interface along the mainland. The northern boundary cuts across Lemon Bay, follows the center of Stump Pass, and cuts across the tip of a spit that has accreted into the unit. A portion of the northern boundary is also contiguous with the southern boundary of adjacent OPA Unit P21P.

Proposed Changes to Boundary:

Southern segment: The southern boundary is aligned with digital property parcel data to follow more precisely the 1982 break-in-development and is extended to the mainland to include the associated aquatic habitat. The landward boundary is adjusted to follow the shoreline of the mainland and is connected with the landward boundary of the middle segment of Unit P21. The northern boundary connects with the middle segment, follows the Little Gasparilla Island shoreline, and is aligned with digital property parcel data to follow more precisely the 1982 break-in-development.

Middle Segment: The southern boundary is aligned with digital property parcel data to follow more precisely the 1982 break-in-development and connects with the southern segment. The landward boundary connects with the southern segment and is adjusted to follow more precisely the wetland/fastland interface and the shoreline. The northern boundary is adjusted to follow more precisely the shoreline of Don Pedro Island.

Northern segment: The southern boundary is aligned with digital property parcel data to follow more precisely the 1982 break-in-development. The landward



boundary is adjusted to follow more precisely the wetland/fastland interface. The northern boundary is adjusted to include associated aquatic habitat north to State Highway 776, to follow the wetland/fastland interface and the proposed boundaries of the adjacent Unit P21P.

Additional Comments: Open water that is currently within Unit P21P but is not held for conservation or recreation purposes, is proposed for reclassification from OPA Unit P21P to System Unit P21. Don Pedro Island State Park, managed by the Florida Department of Environmental Protection, is located within Unit P21, but is not proposed for reclassification as an OPA because the park was acquired by the State of Florida in 1985, after Unit P21 was established.

Appendix D: Pilot Project Unit Summaries and Maps

John H. Chafee Coastal Barrier Resources System P21, Bocilla Island, 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	2,078.6	413.4	1,665.2	3.7	
Added to the CBRS	1,754.2	3.1	1,751.1		0
Removed from the CBRS	12.1	2.2	9.9		1
Reclassified Area	179.3	(1.8)	181.1	0.0	
Proposed Unit	4,000.0	412.5	3,587.5	3.6	
Net Change	1,921.4	(0.9)	1,922.3	(0.1)	(1)

¹ Land above mean high tide

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

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

John H. Chafee Coastal Barrier Resources System Unit P21P, Bocilla Island, Florida

Type of Unit: Otherwise protected area (OPA)

Location of Unit: South of Punta Gorda Beach on the Gulf Coast, in Charlotte County

Congressional District: 13

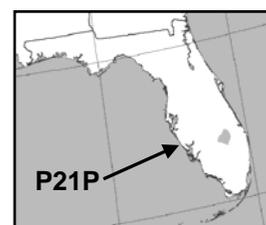
Establishment of Unit: Coastal Barrier Improvement Act (P.L. 101-591) enacted on 11/16/1990

Historical Changes to Unit: There have been no changes to the boundaries of Unit P21P since its designation in 1990.

Underlying Conservation/Recreation Area(s) in OPA: Stump Pass Beach State Park, acquired by the Florida Department of Environmental Protection in 1971.

Existing Boundary Description: The southern boundary of Unit P21P cuts across a sandy spit accreting on the tip of the barrier, and follows the approximate center of an inlet. The eastern boundary lies in the open water of Lemon Bay. The northern boundary follows the center of a small river, and cuts across the primary barrier roughly at the break-in-development.

Proposed Changes to Boundary: The southern boundary of Unit P21P is adjusted to the landward shoreline of the primary barrier to account for accretion of the island. The eastern and northern boundaries are adjusted to follow the shorelines of the islands making up Stump Pass Beach State Park, and to align it to the northern park boundary on the primary barrier where it is adjacent



to private properties. A second segment of Unit P21P is proposed on the other side of Lemon Bay to include Cedar Point Environmental Park.

Additional Comments: There are no known private inholdings within Unit P21P. The existing boundaries of Unit P21P include open water in Lemon Bay that is not part of Stump Pass Beach State Park. This open water is proposed for reclassification from OPA Unit P21P to System Unit P21.

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	434.6	129.9	304.7	1.2	
Added to the CBRS	111.2	73.6	37.6		0
Removed from the CBRS	0.0	0.0	0.0		0
Reclassified Area	(179.3)	1.8	(181.1)	0.0	
Proposed Unit	366.5	205.3	161.2	1.2	
Net Change	(68.1)	75.4	(143.5)	0.0	0

¹ Land above mean high tide

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

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