

John H. Chafee Coastal Barrier Resources System Unit P08, Ponce Inlet, Florida

Type of Unit: System unit
Location of Unit: South of St. Augustine on the Atlantic Coast, in Volusia County.

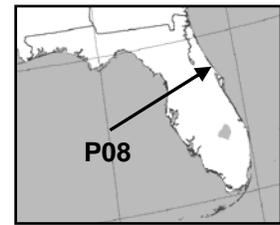
Congressional District: 24
Establishment of Unit: Coastal Barrier Resources Act (P.L. 97-348) enacted on 10/18/1982

Historical Changes to Unit:
 11/16/1990: P.L. 101-591 added associated aquatic habitat to Unit P08.

Existing Boundary Description: The northern boundary of Unit P08 cuts across the barrier spit north of Ponce de Leon Inlet. It continues westward, following the eastern side of the Halifax River; then follows the approximate center of Spruce Creek. The landward boundary roughly follows the wetland/fastland interface. South of Redland Canal, the landward boundary turns east and generally follows the western edge of Ponce de Leon Cut to go around a developed area. The southern boundary is located north of a developed area and roughly follows the center of waterways and

the wetland/fastland interface where there is no channel. The boundary then crosses Indian River North, turns north to follow the eastern side of the river, and cuts across the barrier spit south of Ponce de Leon Inlet into the Atlantic Ocean.

Proposed Changes to Boundary:
 The northern boundary of Unit P08 is adjusted to align with digital property parcel data to include undeveloped fastland; align with the boundaries of the proposed new otherwise protected area (OPA) Unit P08P; follow more precisely the eastern side of the Halifax River; and include the entire Spruce Creek channel. The landward boundary is adjusted to follow more precisely the wetland/fastland interface and the western edge of the Ponce de Leon Cut. The southern boundary is adjusted to follow more precisely the wetland/fastland interface and to include the entire channel north of the development. The boundary is also extended south along the channel of Indian River North to the State Highway 44 bridge to include all of a developing sandbar and is adjusted to follow more precisely the eastern edge of Indian River North. Where the southern



boundary crosses the barrier spit, the boundary is adjusted slightly to follow more precisely the 1982 break-in-development.

Additional Comments: There are three conservation/recreation areas located within Unit P08, two of which were held for conservation or recreation in 1982 when Unit P08 was established. Lighthouse Point Park, held as a conservation area since 1980, and Smyrna Dunes Park, conserved since 1982, are both managed by Volusia County Leisure Services. These parks are proposed for reclassification from System Unit P08 to new OPA Unit P08P.

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	4,185.3	627.7	3,557.6	1.9	
Added to the CBRS	162.5	5.6	156.9		0
Removed from the CBRS	25.3	0.0	25.3		0
Reclassified Area	(328.4)	(228.6)	(99.8)	(1.2)	
Proposed Unit	3,994.1	404.7	3,589.4	0.7	
Net Change	(191.2)	(223.0)	31.8	(1.2)	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 2005 Volusia County property parcel information

John H. Chafee Coastal Barrier Resources System Unit P08P, Ponce Inlet, Florida

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

Location of Unit: South of St. Augustine on the Atlantic Coast, in Volusia County

Congressional District: 24

Current CBRS Status: The proposed new OPA Unit P08P is located entirely within the boundaries of existing System Unit P08.

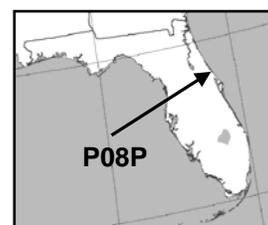
Otherwise Protected Area Criteria:

The proposed new unit meets the Coastal Barrier Improvement Act definition of an OPA. Smyrna Dunes Park is owned by the U.S. Coast Guard and was leased to Volusia County in September 1982 for the purpose of establishing a public

park. Lighthouse Point Park, owned by the State of Florida since 1970, has been managed as a conservation area since 1980. Currently the park is managed by Volusia County Leisure Services.

Proposed Boundaries: The boundaries of proposed new Unit P08P follow the boundaries of Smyrna Dunes Park and Lighthouse Point Park.

Additional Comments: There are no known private inholdings within the proposed new Unit P08P. A 2.7-acre parcel within Smyrna Dunes Park is leased to the U.S. Air Force for purposes other than conservation or recreation. Smyrna Dunes Park and Lighthouse Point Park are proposed for reclassification from System Unit P08 to new OPA P08P because this land was held for conservation



or recreation when Unit P08 was established in 1982.

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	0.4	0.4	0.0		0
Removed from the CBRS	0.0	0.0	0.0		0
Reclassified Area	328.4	228.6	99.8	1.2	
Proposed Unit	328.8	229.0	99.8	1.2	
Net Change	328.8	229.0	99.8	1.2	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 2005 Volusia County property parcel information