

John H. Chafee Coastal Barrier Resources System Unit FL-01, Fort Clinch, Florida

Type of Unit: Proposed new System unit

Location of Unit: Northeast of Jacksonville on the Atlantic Coast, in Nassau County

Congressional District: 4

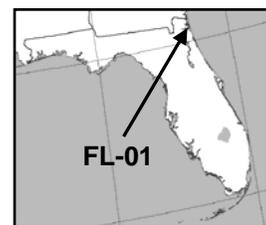
Current CBRS Status: Approximately half of the proposed new unit is currently within existing otherwise protected area (OPA) Unit FL-01P.

System Unit Criteria: Areas of proposed new Unit FL-01 that are currently within Unit FL-01P met the Coastal Barrier Resources Act (CBRA) definition and criteria of an undeveloped coastal barrier at the time they were first included within the John H. Chafee Coastal Barrier Resources System (CBRS) in 1990. Areas of proposed new Unit FL-01 that are currently not

within the CBRS currently meet the CBRA definition and criteria of an undeveloped coastal barrier. The U.S. Fish and Wildlife Service is not aware of the existence of a full complement of infrastructure in this area at the time the area was first included within the CBRS.

Proposed Boundaries: The eastern and northern boundaries of the proposed new unit are contiguous with the proposed western boundary of Unit FL-01P, beginning in the southeast where the OPA meets State Highway A1A. The western boundary follows the southern shoreline of a small river that divides the aquatic habitat within the proposed new unit and developed fastland to the south. The southern boundary follows the northern edge of State Highway A1A east until it meets Unit FL-01P.

Additional Comments: The portions of proposed new Unit FL-01



currently within Unit FL-01P are proposed for reclassification because they are not held for conservation or recreation, are not inholdings, and met the CBRA definition and criteria for an undeveloped coastal barrier at the time the area was established within the OPA.

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	0.0	0.0	0.0	0.0	
Added to the CBRS	202.4	4.7	197.7		0
Removed from the CBRS	0.0	0.0	0.0		0
Reclassified Area	223.4	7.0	216.4	0.0	
Proposed Unit	425.8	11.7	414.1	0.0	
Net Change	425.8	11.7	414.1	0.0	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 2004 Nassau County property parcel information

John H. Chafee Coastal Barrier Resources System Unit FL-01P, Fort Clinch, Florida

Type of Unit: Otherwise protected area (OPA)

Location of Unit: Northeast of Jacksonville on the Atlantic Coast, in Nassau County

Congressional District: 4

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-01P since its designation in 1990.

Underlying Conservation/Recreation Area(s) in OPA: Fort Clinch State Park, owned by the Florida Department of Environmental Protection. Land was first purchased for conservation or recreation purposes in 1935. Fernandina Plaza State Historic Site, a separate tract operated independently and not part of the OPA, became part of the park in 1949.

Dee Dee Bartels Nature Center and Fishing Pier, managed by the Nassau County Board of Commissioners. This land was

first purchased for conservation or recreation purposes in 1999.

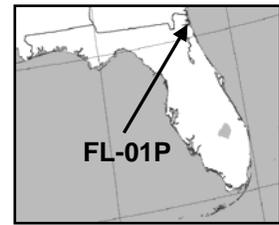
Existing Boundary Description:

The northern boundary of Unit FL-01P and a portion of the western boundary lie in open water. The boundary turns east (inland) north of some industrial warehouse facilities along the edge of Fort Clinch State Park, then south to Egans Creek. It follows Egans Creek to a point east of the Fernandina Beach water treatment center and turns east again over private wetlands and through the park to the park's eastern boundary, which it follows north and east to the ocean.

Proposed Changes to Boundary:

The northern boundary of Unit FL-01P is adjusted to follow the center of the channel and to extend further into the Atlantic Ocean to include the entire barrier spit and jetty. The inland boundaries are aligned with the property boundaries of the public recreation and conservation lands in order to include the entirety of the park lands.

Additional Comments: There are no known private inholdings within Unit FL-01P. Dee Dee Bartels Nature Center and Fishing Pier



was not held for conservation or recreation purposes in 1990 although a portion of it was included within Unit FL-01P. It is therefore proposed that this area be added to the OPA in its entirety.

Currently, the OPA includes a large area of privately held associated aquatic habitat that is outside the Fort Clinch State Park boundary and not held for conservation or recreation purposes. The area is not an inholding and met the Coastal Barrier Resources Act definition of and criteria for an undeveloped coastal barrier at the time it was established within the OPA. Therefore this area is proposed for reclassification from Unit FL-01P to proposed new Unit FL-01.

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	2,008.8	1,105.4	903.4	1.3	
Added to the CBRS	186.8	148.6	38.2		0
Removed from the CBRS	1.7	0.0	1.7		0
Reclassified Area	(223.4)	(7.0)	(216.4)	0.0	
Proposed Unit	1,970.5	1,247.0	723.5	1.3	
Net Change	(38.3)	141.6	(179.9)	0.0	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 2004 Nassau County property parcel information