

John H. Chafee Coastal Barrier Resources System Unit S04, Timbalier Bay, Louisiana

Type of Unit: System unit

Location of Unit: South of New Orleans, in Lafourche Parish

Congressional District: 3

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 modified Unit S04 to add associated aquatic habitat. In addition, the eastern portion of Unit S04 was added to Unit S03.

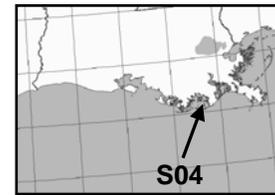
Existing Boundary Description:

The eastern boundary of Unit S04 generally follows the center of Belle Pass, and the western side of Bayou Lafourche, switching to the eastern side of Bayou Lafourche after the point where it meets a flotation

canal. The northern boundary roughly follows the center of Havoline Canal and a small stream that connects Havoline Canal and Devils Bay, and then the boundary passes through Devils Bay. The western boundary crosses through Timbalier Bay. A portion of the western boundary once passed through East Timbalier Island. The island has eroded, and the boundary now lies in open water with all of East Timbalier Island to the west. Also, a portion of the western boundary is contiguous with the eastern boundary of adjacent Unit S05.

Proposed Changes to Boundary:

The eastern portion of the Unit S04 boundary that follows Belle Pass is adjusted to include the entire Belle Pass channel. The eastern portion of the boundary that follows Bayou Lafourche north of the



flotation canal is adjusted to align with the eastern shoreline of Bayou Lafourche. The northern portion of the boundary that follows Havoline Canal is adjusted to include the entire Havoline Canal channel. The northern portion of the boundary following the small stream that connects Havoline Canal and Devils Bay is adjusted to align with the northern shoreline of that stream.

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	10,425.5	32.8	10,392.7	3.5	
Added to the CBRS	170.6	0.0	170.6		N/A
Removed from the CBRS	0.1	0.0	0.1		N/A
Reclassified Area	0.0	0.0	0.0	0.0	
Proposed Unit	10,596.0	32.8	10,563.2	3.6	
Net Change	170.5	0.0	170.5	0.1	N/A

¹ Land above mean high tide

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

³ Structure count not conducted; no fastland added or removed

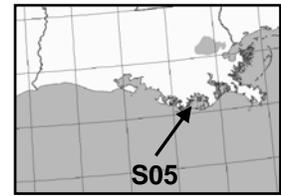
John H. Chafee Coastal Barrier Resources System Unit S05, Timbalier Islands, Louisiana

Type of Unit: System unit
Location of Unit: South of New Orleans, in Terrebonne and Lafourche Parishes
Congressional District: 3
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 and East Timbalier Island to Unit S05.
Existing Boundary Description: The boundary of Unit S05 falls mostly in open water. The eastern boundary once passed through East Timbalier Island. The island has eroded, and the boundary now lies in open water with all of East Timbalier Island to the west. Also, the eastern

boundary is contiguous with a portion of the western boundary of adjacent System Unit S04. The northern boundary runs through Timbalier and Terrebonne Bays, leaving about one mile of open water behind Timbalier and East Timbalier Islands. The western boundary once ran through open water; however, Timbalier Island has accreted westward so that the boundary now cuts across the tip of the island.

Proposed Changes to Boundary: The northern boundary of Unit S05 is adjusted to account for the northward accretion of a small island within the unit. The western boundary is adjusted to account for the westward accretion of Timbalier Island.

Additional Comments: The proposed changes to the northern boundary will add an oil platform to Unit



S05. Section 6(a)(1) of P.L. 101-591 allows the use of Federal expenditures and financial assistance for “[a]ny use or facility necessary for the exploration, extraction, or transportation of energy resources which can be carried out only on, in, or adjacent to a coastal water area because the use or facility requires access to the coastal water body.”

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	17,723.3	355.7	17,367.6	17.8	
Added to the CBRS	732.5	0.0	732.5		N/A
Removed from the CBRS	0.0	0.0	0.0		N/A
Reclassified Area	0.0	0.0	0.0	0.0	
Proposed Unit	18,455.8	355.7	18,100.1	18.4	
Net Change	732.5	0.0	732.5	0.6	N/A

¹ Land above mean high tide

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

³ Structure count not conducted; no fastland added or removed