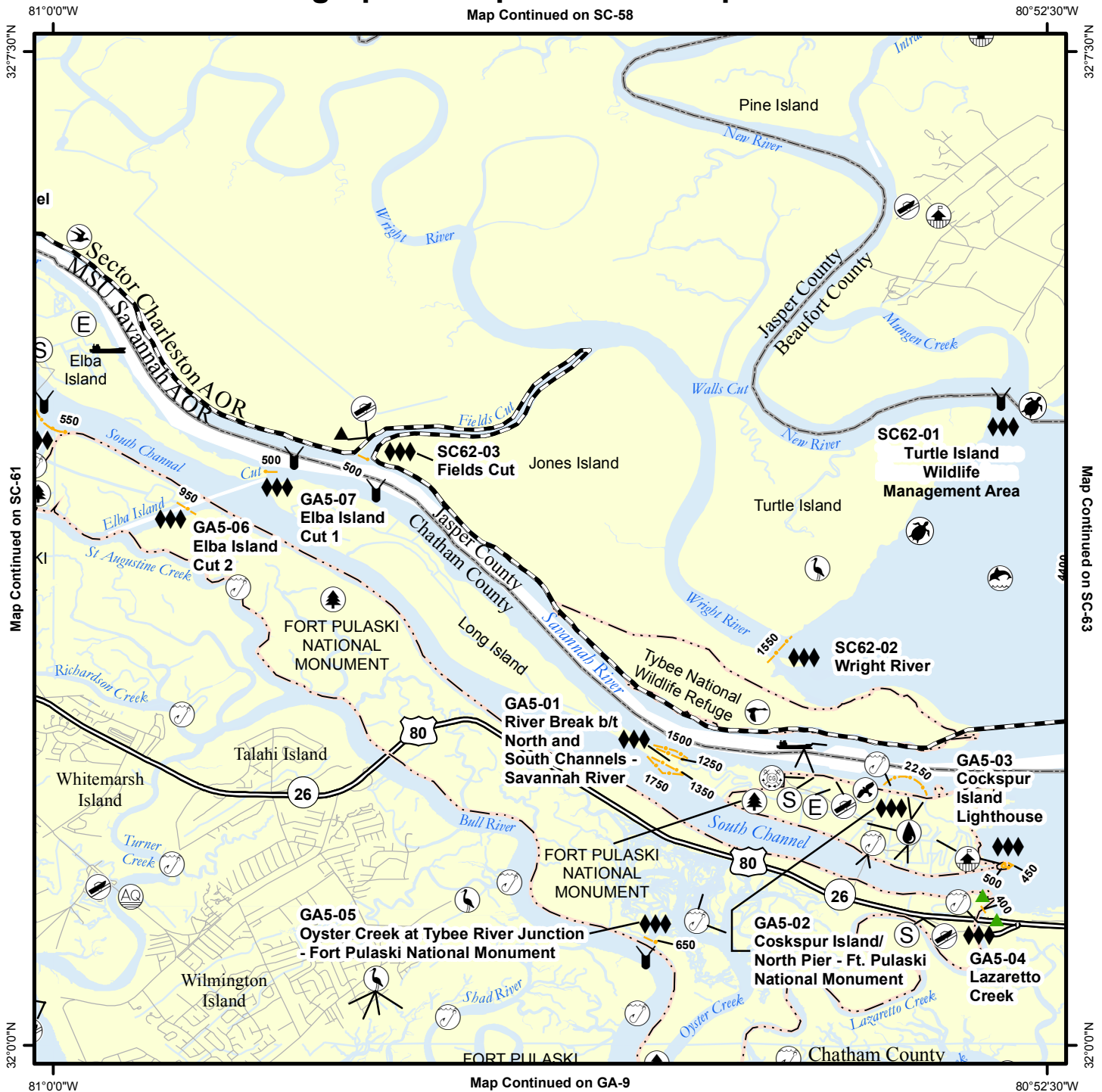


Geographic Response Plan Map: SC-62

Map Continued on SC-58



Legend

Environmentally Sensitive Areas

Protection Priority - Summer

- ◆◆◆ A - Protect First - Highest Priority
- ◆◆ B - Protect after A Areas - Medium Priority
- ◆ C - Protect after B Areas - Lower Priority
- ▲ Collection Point
- ▼ Skimmer
- (S) Staging Areas
- (R) Oil Spill Risk Locations
- (E) Equipment Storage Locations
- Port Facilities
- General Booming Strategy (Length in Ft)
- State Managed Area Boundary
- Federal Managed Area Boundary
- County Boundary/State Waters
- US Coast Guard Sector AOR

Bio-SocEcon

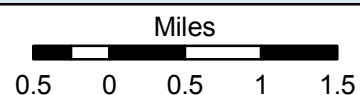
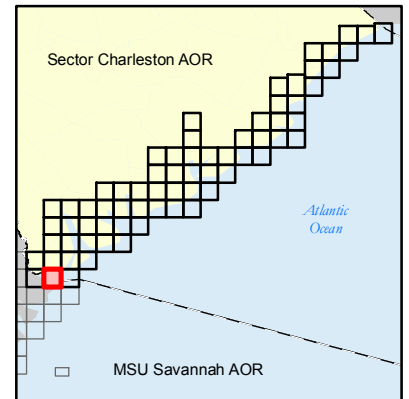
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBN) Diving birds Nesting Area
- (DOL) Dolphins
- (GTTN) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatees
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtles
- (SNA) Shorebird Nesting Area
- (WBN) Wading birds Nesting Area
- (WI) Water Intake
- (WQ) Water Quality
- (WMA) Waterfowl Management Area
- (WHA) Whales
- (WMA/REF) Wildlife Management Area/Refuge



US Coast Guard
Sector Charleston

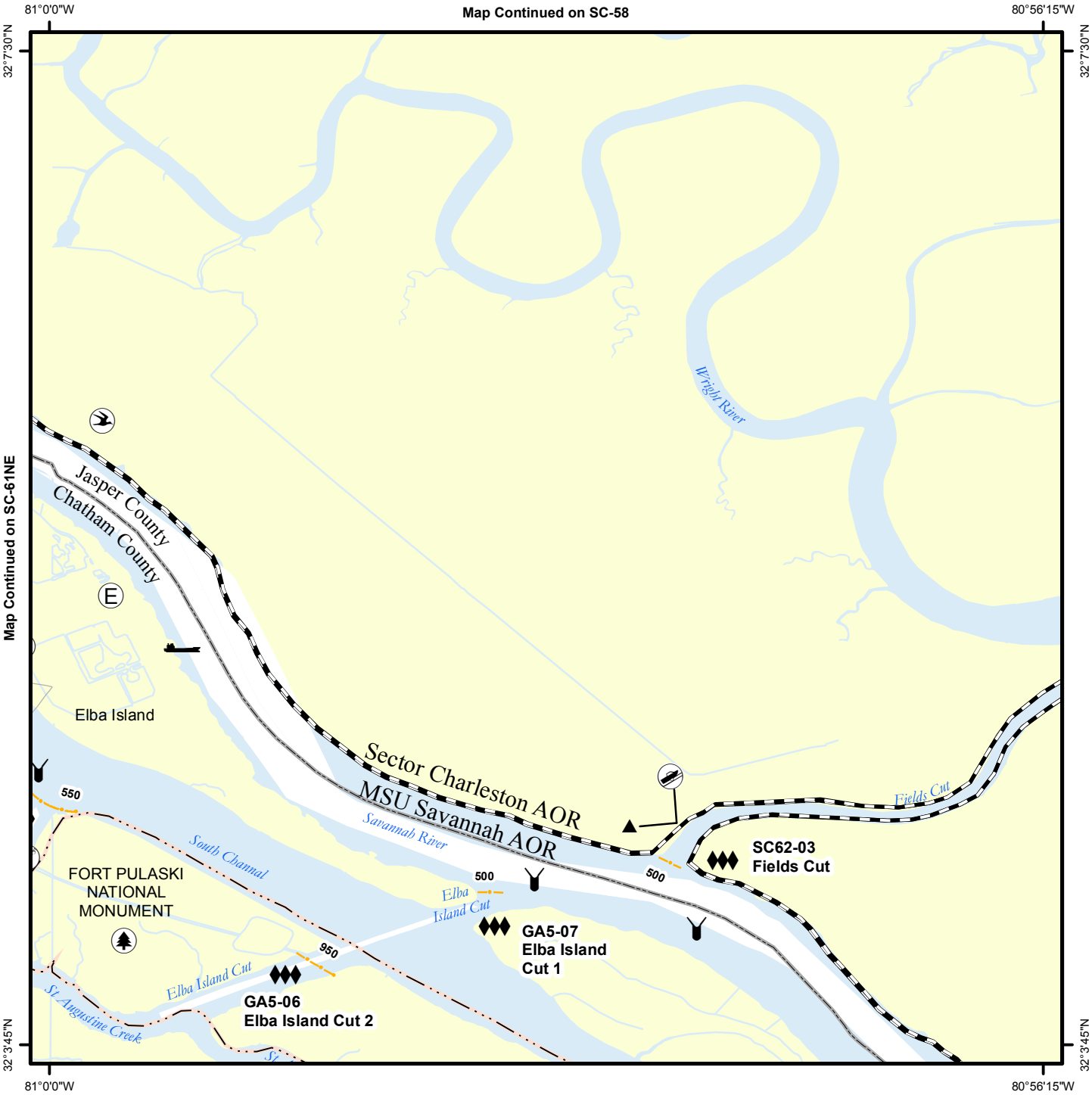


Fish and Wildlife
Research Institute



Geographic Response Plan Map: SC-62NW

Map Continued on SC-58



Legend

Environmentally Sensitive Areas Protection Priority - Summer

- ◆◆◆ A - Protect First - Highest Priority
- ◆◆ B - Protect after A Areas - Medium Priority
- ◆ C - Protect after B Areas - Lower Priority
- ▲ Collection Point
- ▼ Skimmer
- Ⓢ Staging Areas
- Ⓡ Oil Spill Risk Locations
- ⓔ Equipment Storage Locations
- ⚓ Port Facilities
- General Booming Strategy (Length in Ft)
- State Managed Area Boundary
- Federal Managed Area Boundary
- County Boundary/State Waters
- US Coast Guard Sector AOR

Bio-SocEcon

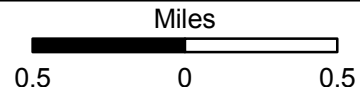
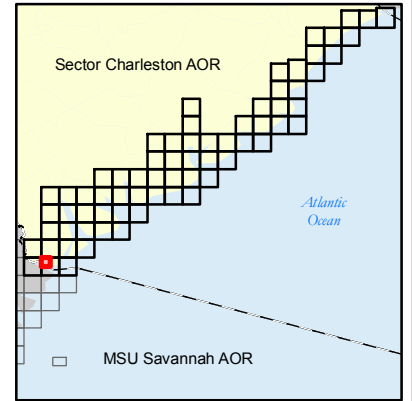
- Ⓐ Aquaculture
- ⚓ Boat Ramp
- Ⓢ Coast Guard
- Ⓢ Commercial Fishing
- Ⓢ Diving birds Nesting Area
- Ⓢ Dolphin
- Ⓢ Gull/Tern Nesting Area
- Ⓢ Historical Site
- Ⓢ Manatee
- Ⓢ Marina
- Ⓢ Raptor Nesting Area
- Ⓢ Recreational Fishing
- Ⓢ Sea Turtle
- Ⓢ Shorebird Nesting Area
- Ⓢ Wading birds Nesting Area
- Ⓢ Water Intake
- Ⓢ Water Quality
- Ⓢ Waterfowl Management Area
- Ⓢ Whale
- Ⓢ Wildlife Management Area/Refuge



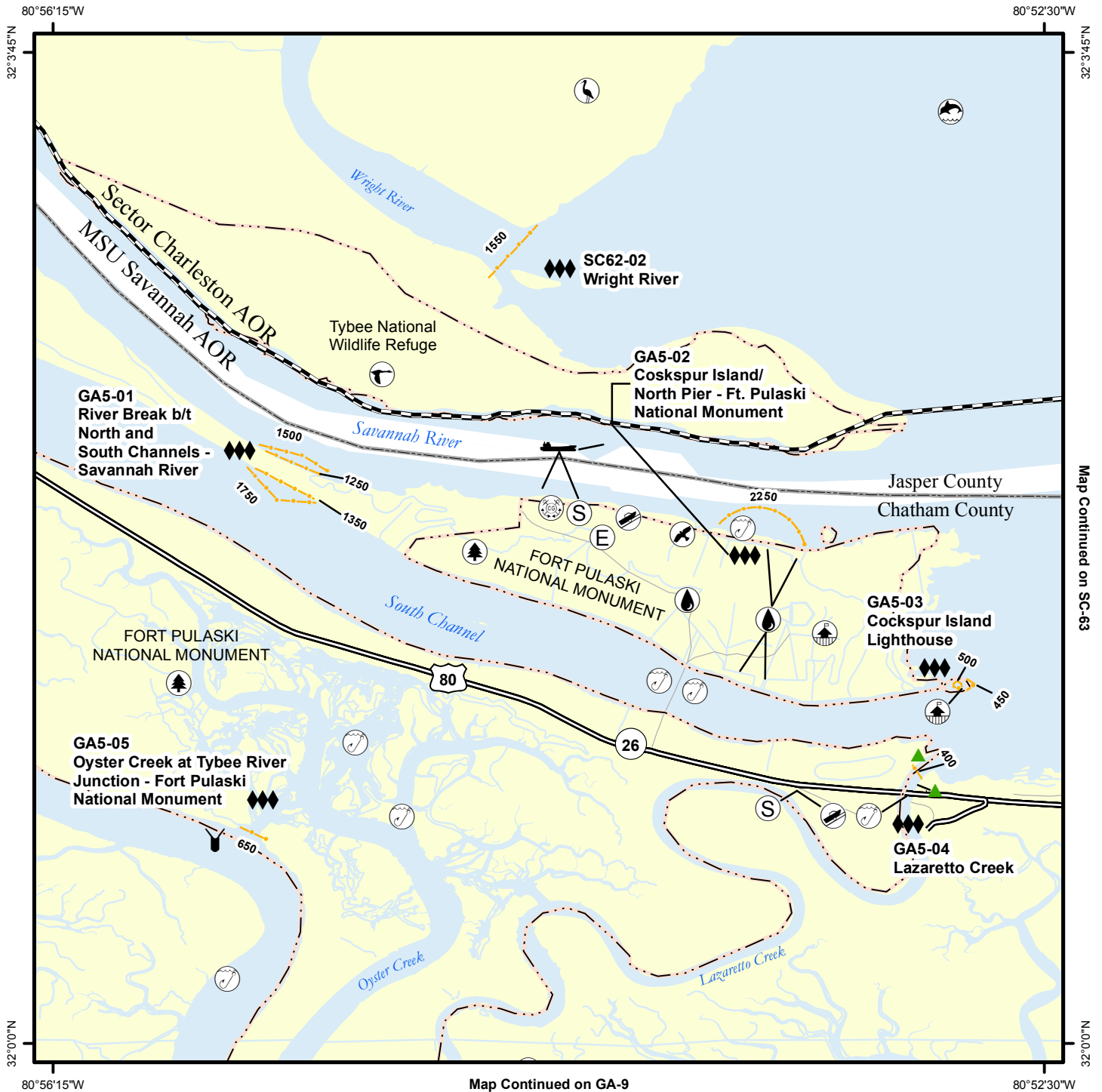
US Coast Guard
Sector Charleston



Fish and Wildlife
Research Institute



Geographic Response Plan Map: SC-62SE



Map Continued on GA-9

Legend

Environmentally Sensitive Areas

Protection Priority - Summer

- ◆◆◆ A - Protect First - Highest Priority
- ◆◆ B - Protect after A Areas - Medium Priority
- ◆ C - Protect after B Areas - Lower Priority
- ▲ Collection Point
- ▼ Skimmer
- (S) Staging Areas
- (R) Oil Spill Risk Locations
- (E) Equipment Storage Locations
- Port Facilities
- General Booming Strategy (Length in Ft)
- State Managed Area Boundary
- Federal Managed Area Boundary
- County Boundary/State Waters
- US Coast Guard Sector AOR

Bio-SocEcon

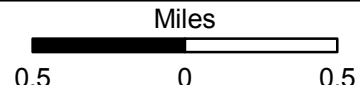
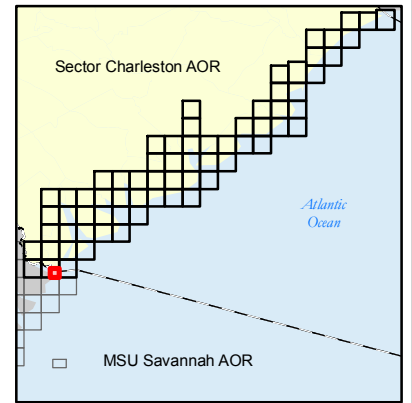
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBN) Diving birds Nesting Area
- (DOL) Dolphin
- (GTT) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatee
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtle
- (SNA) Shorebird Nesting Area
- (WBN) Wading birds Nesting Area
- (WI) Water Intake
- (WQ) Water Quality
- (WMA) Waterfowl Management Area
- (WHL) Whale
- (WMA/REF) Wildlife Management Area/Refuge



US Coast Guard
Sector Charleston



Fish and Wildlife
Research Institute



Name: Turtle Island Wildlife Management Area

Site ID:

SC62-01

Protection Priority (Season): Spring: Summer: Fall: Winter:

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 4' 45.001" N

Longitude (DMS): 80° 52' 44.000" W

County: Jasper

Latitude (DD): 32.07916698

Longitude (DD): -80.87888899

SCAT Division: Jasper County Division 3

ESI Map: SC - 62

ESI Name: Fort Pulaski, GA-SC

NOAA Chart: 11512_1

CHART Name: SAVANNAH RIVER AND WASSAW SOUND

USGS Quad: 32080-A8

QUAD Name: Fort Pulaski

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: WMA Manager (803)625-3569; SCDHEC (888)481-0125; SCDNR (800)922-5431

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, gravel (shell) beaches, sheltered scarps in marsh/mud, sheltered solid man-made structures, sheltered tidal flats/oyster beds, exposed tidal flats, fine-grained sand beaches**Habitat:** High Sensitivity salt and brackish water marshes both shorelines**Wildlife:** Ospreys, diving birds, shorebirds, wading birds feeding, Black & Wood duck, Clapper rail, Hooded merganser, Am. wigeon, Blue-winged & Green-winged teal, Bufflehead, Canvasback, Gadwall, Greater & Lesser scaup, Mallard, Mottled duck, Redhead, Northern pintail, Northern shoveler, Ring-necked duck, Ruddy duck, Am. oyster, Blue crab, Penaeid shrimp, Bottlenose dolphin, Loggerhead sea turtle, Beaver, Mink, Northern raccoon, River otter, various fish species,**Threaten/Endangered Species:** Possible Shortnose sturgeon and West Indian manatee, Loggerhead sea turtle**Socio-Economic Resources:** Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area:**Collection Points:** None**Area Access:** boat/helicopter**Spill Risk:****Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):****Boom Type:****Booming Method:** N/A**Protection Strategy:** Boom deployment impractical due to entrainment; deploy open-water skimming at mouth of Mungen Creek.

Name: Wright River

Site ID:

SC62-02

Protection Priority (Season): Spring: Summer: Fall: Winter:

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 2' 56.000" N

Longitude (DMS): 80° 54' 20.002" W

County: Jasper

Latitude (DD): 32.04888900

Longitude (DD): -80.90555600

SCAT Division: Jasper County Division 3

ESI Map: SC - 62

ESI Name: Fort Pulaski, GA-SC

NOAA Chart: 11512_1

CHART Name: SAVANNAH RIVER AND WASSAW SOUND

USGS Quad: 32080-A8

QUAD Name: Fort Pulaski

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)922-5431

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, sheltered tidal flats/oyster beds

Habitat: High Sensitivity salt and brackish water marshes both shorelines

Wildlife: Ospreys, diving birds, shorebirds, wading birds, Black & Wood duck, Clapper rail, American wigeon, Blue-winged & Green-winged teal, Bufflehead, Canvasback, Gadwall, Greater & Lesser scaup, Mallard, Mottled duck, Northern pintail, Northern shoveler, Redhead, Ring-necked & Ruddy duck, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, Blacktip shark, Bluefish, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, Herring and shad, Shortnose sturgeon, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species: Possible Shortnose sturgeon, West Indian manatee, Sea Turtle**Socio-Economic Resources:**

RESPONSE CONSIDERATIONS

Staging Area: Lazeretto Creek boat landing off Hwy 80 in GA**Collection Points:** None**Area Access:** boat**Spill Risk:****Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 1550**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** Boom off at mouth of river, 1550' of boom.

Name: River Break b/t North and South Channels - Savannah River

Site ID:

GA5-01

Protection Priority (Season): Spring: Summer: Fall: Winter:

Site Description: Water/oil may pass b/t the North and South Channels at this point

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 2' 8.148" N

Longitude (DMS): 80° 55' 18.974"

County: Chatham

Latitude (DD): 32.03559670

Longitude (DD): -80.92193728

SCAT Division: Chatham County Division 2

ESI Map: GA - 5

ESI Name: Fort Pulaski, GA-SC

NOAA Chart: 11512_1

CHART Name: SAVANNAH RIVER AND WASSAW SOUND

USGS Quad: 32080-A8

QUAD Name: Fort Pulaski

Managed Area (if applicable): Unknown

General Location:

CONTACT INFORMATION

Contacts: National Park Service - Fort Pulaski 912-313-2370; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, fine to medium-grained sand beaches, scrub-shrub wetlands, exposed tidal flats, `

Habitat: Salt and brackish water marshes, scrub-shrub wetlands

Wildlife: Shortnose sturgeon, West Indian manatee, Sea turtle, American eel, American & Hickory shad, Alt. menhaden, Atl. sharpnose shark, Atl. spadefish, Atl. sturgeon, Bay & Striped anchovy, Black & Red drum, Black seabass, Blueback herring, Bluefish, Cobia, Hardhead catfish, Hogchoker, King & Spanish mackerel, Ladyfish, Mummichog, Pinfish, Seatrout, Sheepshead, Silver perch, Southern & Summer flounder, Soouthern kingfish, Spot, Spotted seatrout, Star drum, Striped bass, Striped mullet, Tarpon, Blue crab, American oyster, Brown & Grass shrimp, Knobbed whelk, Pink & White shrimp, Quahog spp.

Threaten/Endangered Species: Shortnose sturgeon, possible West Indian manatee, Sea Turtle

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area:

Collection Points:

Area Access: Boat

Spill Risk:

Response Resources: E-9, E-10, E-12, E-21, E-17, E-23, E-24, E-25, E-26

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 7.9

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 1400'

Boom Type: Hard

Booming Method: Deflection,
Protection/Exclusion

Protection Strategy: Cascade harbor boom, two 300' sections, one 400' section. This location is a problematic area that will require changes in strategy with tidal fluctuation and current conditions.



Name: Coskspur Island/ North Pier - Ft. Pulaski National Monument

Site ID:

GA5-02

Protection Priority (Season): Spring: Summer: Fall: Winter:

Site Description: Historic Monument, North Pier, Archaeological Sites. See NPS Annex

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 1' 51.085" N

Longitude (DMS): 80° 53' 33.207"

County: Chatham

Latitude (DD): 32.03085692

Longitude (DD): -80.89255736

SCAT Division: Chatham County Division 2

ESI Map: GA - 5

ESI Name: Fort Pulaski, GA-SC

NOAA Chart: 11512_1

CHART Name: SAVANNAH RIVER AND WASSAW SOUND

USGS Quad: 32080-A8

QUAD Name: Fort Pulaski

Managed Area (if applicable): Fort Pulaski National Monument - National Park Service

General Location: North shore of Cockspur Island, Fort Pulaski NM, along the North Channel of Savannah River

CONTACT INFORMATION

Contacts: NPS (Administrative Officer) 912-786-5787 or 912-313-2370; GA DNR 800-241-4113; SCDHEC 1-888-481-0125; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, exposed & sheltered tidal flats, fine to medium-grained sand beaches, shell beaches, riprap, exposed solid man-made structures, scrub-shrub wetlands

Habitat: Salt and brackish water marshes, sheltered tidal flats behind washover berm - heavily used by birds, exposed tidal flats, scrub-shrub wetlands

Wildlife: Osprey, Rare Passerine bird, Amer. oystercatcher, Killdeer, Willet, Wilson's plover, Double-crested cormorant, Gulls, Terns, Black-bellied & Semipalmated plover, Dowitcher, Dunlin, Marbled godwit, Red knot, Ruddy turnstone, Least & Western sandpiper, Semipalmated & Spotted sandpiper, Whimbrel, Yellowlegs, Black-crowned night heron, Great blue & Little blue heron, Great & Snowy egret, Tricolored & Yellow-crowned night heron, various fish species, Amer. oyster, Quahog spp., Blue crab, Knobbed whelk, Brown shrimp, Grass shrimp, Pink shrimp, White shrimp, various fish species

Threaten/Endangered Species: Piping plover, Wilson's plover, possible Shortnose sturgeon, West Indian manatee, Sea Turtle

Socio-Economic Resources: Historic Monument, North Pier, Archaeological Sites. Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Coast Guard Station, Elba Island

Collection Points:

Area Access: boat/vehicle. Refer to NPS Annex for more information

Spill Risk:

Response Resources: Equipment sites: E-9, E-10, E-12, E-21, E-17, E-23, E-24, E-25, E-26

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 9.7

Average Current (KTS):

Ease of Protection: Easy

Min. Boom Length (FT): 2600'

Boom Type: Hard

Booming Method: Deflection, Protection/Exclusion

Protection Strategy: Establish deflection strategy, will need 2600' boom. Because of the historical resources present, all work would have to be conducted under the supervision of NPS staff. The Superintendent will direct any issues of dissatisfaction, concerns or recommendations regarding clean-up actions to the FOSC or Liaison Officer.



Name: Cockspur Island Lighthouse

Site ID:

GA5-03

Protection Priority (Season): Spring: ☐ Summer: ☐ Fall: ☐ Winter: ☐

Site Description: Historic Lighthouse on small, eroding island with very little supratidal habitat. During the lowest high tides, the water reaches the base of lighthouse structure

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 1' 21.602" N**Longitude (DMS):** 80° 52' 47.964"**County:** Chatham**Latitude (DD):** 32.02266731**Longitude (DD):** -80.87998997**SCAT Division:** Chatham County Division 2**ESI Map:** GA - 5**ESI Name:** Fort Pulaski, GA-SC**NOAA Chart:** 11512_1**CHART Name:** SAVANNAH RIVER AND WASSAW SOUND**USGS Quad:** 32080-A8**QUAD Name:** Fort Pulaski**Managed Area (if applicable):** Fort Pulaski National Monument - National Park Service**General Location:** Mouth of South Channel Savannah River/Southeast tip of Cockspur Island, Fort Pulaski National Monument

CONTACT INFORMATION

Contacts: NPS (Administrative Officer) 912-786-5787 or 912-313-2370; GA DNR 800-241-4113; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Fine-grained sand beaches, exposed tidal flats, shell beaches**Habitat:** Exposed tidal flats, shell berms, fill material

Wildlife: Shortnose sturgeon, West Indian manatee, Black-crowned night heron, Great blue heron, Great & Snowy egret, Little blue heron, Tricolored heron, Yellow-crowned night heron, Am. oystercatcher, Black-bellied plover, Brown pelican, Double-crested cormorant, Dowitcher, Dunlin, gulls, Killdeer, Least & Western sandpiper, Marbled godwit, Piping plover, Red knot, Ruddy turnstone, Semipalmated plover, Semipalmated & Spotted sandpiper, terns, Whimbrel, Willet, Wilson's plover, Yellowlegs, various fish species, Am. oyster, Blue crab, Penaeid shrimp, Knobby whelk, Quahog spp., Bottlenose dolphin

Threaten/Endangered Species: Piping plover, Wilson's plover, possible Shortnose sturgeon, West Indian manatee, Sea Turtle

Socio-Economic Resources: Historic Lighthouse - Cockspur Light on NPS List of Classified Structures. Wood pilings at the base of the lighthouse have significant shipworm damage. Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Coast Guard Station, Elba Island, Lazaretto Creek boat ramp (about 1.7 miles south and up Lazaretto Creek)**Collection Points:** N/A**Area Access:** boat. Refer to NPS Annex for more information**Spill Risk:****Response Resources:** Equipment sites: E-9, E-10, E-12, E-21, E-17, E-23, E-24, E-25, E-26

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:** Hard**Min. Boom Length (FT):** 1200**Boom Type:****Booming Method:** Deflection, Protection/Exclusion

Protection Strategy: 800' deflection boom due to coastal wave action. High priority for historical significance. Boom configuration as a hexagon around lighthouse. 400' boom configured as a "V" in front of lighthouse. Use both strategies at same time. Site has high wave energy under normal conditions, thus it will be difficult to effectively boom around lighthouse. Therefore, protection should be attempted only if there is a significant risk of impact, so not to waste resources. Any cleanup activities would have to be conducted under the supervision of the NPS. The Superintendent will direct any issues of dissatisfaction, concerns or recommendations regarding clean-up actions to the FOSC or Liaison Officer.



Name: Lazaretto Creek

Site ID:

GA5-04

Protection Priority (Season): Spring: Summer: Fall: Winter:

Site Description: Very shallow creek

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 1' 2.473" N

Longitude (DMS): 80° 52' 57.185"

County: Chatham

Latitude (DD): 32.01735356

Longitude (DD): -80.88255140

SCAT Division: Chatham County Division 2

ESI Map: GA - 5

ESI Name: Fort Pulaski, GA-SC

NOAA Chart: 11512_1

CHART Name: SAVANNAH RIVER AND WASSAW SOUND

USGS Quad: 32080-A8

QUAD Name: Fort Pulaski

Managed Area (if applicable): Unknown

General Location:

CONTACT INFORMATION

Contacts: Georgia DNR Emergency Operations Center 800-241-4113; Ft. Pulaski National Monument 912-786-5787 or 912-313-2370; City of Tybee Island 912-786-4573; CEMA 912-201-4500; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, Exposed & sheltered tidal flats**Habitat:** Critical Sensitive tidal salt and brackish water marshes, exposed tidal flats

Wildlife: Recreation shellfish harvesting beds, shorebirds, Am. eel, Am. shad, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Atl. sturgeon, Bay & Striped anchovy, Black & red drum, Black seabass, Blueback herring, Bluefish, Cobia, Spot, Hardhead catfish, Hickory shad, Hogchoker, King & Spanish mackerel, Ladyfish, Mummichog, Pinfish, Seatrout, Sheepshead, Silver perch, Southern & Summer flounder, Southern kingfish, Spotted seatrout, Star drum, Striped bass, Striped mullet, Tarpon, American oyster, Blue crab, Brown & Grass shrimp, Knobbled whelk, Pink & White shrimp, Quahog spp.

Threaten/Endangered Species: Shortnose sturgeon, possible West Indian manatee, Sea Turtle

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Coast Guard Station, Elba Island, Conoco Phillips, Nustar Energy

Collection Points: Unnamed public dock may be good natural recovery pt. for on-shore recovery ops. Daymark 2 can be used as anchor pt. Pilings exist on both sides of river (possible anchor points). Jetties on north side natural collection points

Area Access: boat. Refer to NPS Annex for more information**Spill Risk:****Response Resources:** See Annex XIV (2400), E-9, E-10, E-12, E-21, E-17, E-23, E-24, E-25, E-26

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 700**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** Boom across mouth of creek with approximately 700' (hard boom). Creek is very shallow

Name: Oyster Creek at Tybee River Junction - Fort Pulaski National Monument

Site ID:

GA5-05

Protection Priority (Season): Spring: Summer: Fall: Winter:

Site Description: Wetlands, extensive salt marsh habitat with extensive mud flats and oyster beds

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 0' 50.874" N

Longitude (DMS): 80° 55' 27.717"

County: Chatham

Latitude (DD): 32.01413156

Longitude (DD): -80.92436573

SCAT Division: Chatham County Division 2

ESI Map: GA - 5

ESI Name: Fort Pulaski, GA-SC

NOAA Chart: 11512_1

CHART Name: SAVANNAH RIVER AND WASSAW SOUND

USGS Quad: 32080-A8

QUAD Name: Fort Pulaski

Managed Area (if applicable): National Park Service - Fort Pulaski National Monument

General Location: Oyster Creek drains much McQueens Island, which is in the boundary of Fort Pulaski NM. It has connections to Lazaretto Creek, Tybee Creek and Tybee River.

CONTACT INFORMATION

Contacts: Georgia DNR Emergency Operations Center 800-241-4113; Fort Pulaski National Monument (Administrative Officer) 912-786-5787 or 912-313-2370; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, sheltered tidal flats

Habitat: Critical sensitive salt and brackish water marshes, recreational shellfish beds

Wildlife: Shellfish harvesting beds (oyster and clams), American oyster, Blue crab, Brown & Grass shrimp, Knobbed whelk, Pink & White shrimp, Quahog spp., shorebirds, Am. eel, Am. & Hickory shad, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Atl. sturgeon, Bay & Striped anchovy; Black, Red & Star drum; Black seabass, Blueback herring, Bluefish, Cobia, Hardhead catfish, Hogchoker, King & Spanish mackerel, Lady fish, Mummichog, Pinfish, Seatrout, Sheepshead, Silver perch, Spotted seatrout, Southern & Summer flounder, Southern kingfish, Spot, Striped bass, Striped mullet, Tarpon

Threaten/Endangered Species: Possible Shortnose sturgeon, West Indian manatee, Wood stork, sea turtle

Socio-Economic Resources: Recreational fishing. Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Conoco Phillips, Nustar Energy, ELBA Island, Lazaretto Creek boat ramp

Collection Points: None

Area Access: boat, refer to NPS Annex for more information.

Spill Risk:

Response Resources: See Annex XIV (2400), E-9, E-10, E-12, E-21, E-17, E-23, E-24, E-25, E-26

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9

Average Current (KTS):

Ease of Protection: Medium

Min. Boom Length (FT): 850

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: Boom across mouth of creek with 850' hard boom. Lower priority if GA5-04 (Lazaretto Creek) strategy is effective. Exclusion booming to keep floating oil discharge or hazardous substances from entering the small tidal channels. Will need on-water recovery systems for spill recovery at containment/deflection sites. Will have to deploy booms at creek mouths because of extensive areas of soft mud flats inside. Depending on spill site and trajectory, it may be necessary to deploy booms at multiple sites to keep spilled material out of Oyster Creek. Refer to NPS Annex for more information. The Superintendent will direct any issues of dissatisfaction, concerns or recommendations regarding clean-up actions to the FOSC or Liaison Officer.



Name: Elba Island Cut 2

Site ID:

GA5-06

Protection Priority (Season): Spring: Summer: Fall: Winter:

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 4' 2.213" N

Longitude (DMS): 80° 59' 3.293" W

County: Chatham

Latitude (DD): 32.06728129

Longitude (DD): -80.98424792

SCAT Division: Chatham County Division 2

ESI Map: GA - 5

ESI Name: Fort Pulaski, GA-SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-A8

QUAD Name: Fort Pulaski

Managed Area (if applicable): Skidaway Islands State Park; Richmond Hill State Wildlife Management Area

General Location:

CONTACT INFORMATION

Contacts: Georgia DNR Emergency Operations Center 800-241-4113; Ft. Pulaski National Monument 912-786-5787; SCDHEC 888-481-0125; NPS 912-313-2370; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes**Habitat:** Critical Sensitive tidal salt and brackish water marshes, scrub-shrub wetlands

Wildlife: Alligator, shorebirds, American eel, Am. & Hickory shad, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Atl. sturgeon, Bay & Striped anchovy, Black & Red drum, Black seabass, Blueback herring, Cobia, Hardhead catfish, Hogchoker, Spot, King & Spanish mackerel, Ladyfish, Mummichog, Pinfish, Seatrout, Sheepshead, Silver perch, Southern & Summer flounder, Southern kingfish, Spotted seatrout, Star drum, Striped bass, Striped mullet, Tarpon, Am. oyster, Blue crab, Penaeid shrimp, Quahog spp., Knobbled whelk

Threaten/Endangered Species: Shortnose sturgeon, possible West Indian manatee, Sea Turtle,

Socio-Economic Resources: Historic resources listed on the National Register. Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Conoco Phillips, Nustar Energy, ELBA Island**Collection Points:** None**Area Access:** boat/helicopter**Spill Risk:****Response Resources:** See Annex XIV (2400), E-9, E-10, E12, E-21, E-17, E-23, E-24, E-25, E-26

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 900**Boom Type:****Booming Method:** Protection/Exclusion

Protection Strategy: Approximately 900' of boom across cut about 200 yards into channel to ensure the eddies are easier to overcome and allow a better chance for the boom to be maintained in such high speed current. Notification will need to be made for an MTS Recovery Issue to close the Intracoastal Waterway with Sector Charleston or man the gates to open and close. Any efforts that may result in the closing of the Intracoastal Waterway need to be made in consultation with Sector Charleston's Waterways Management Division or methods to open and close the waterway need to be devised (e.g. manning a 'boom gate').



Name: Elba Island Cut 1

Site ID:

GA5-07

Protection Priority (Season): Spring: Summer: Fall: Winter:

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 4' 14.376" N

Longitude (DMS): 80° 58' 21.786"

County: Chatham

Latitude (DD): 32.07065992

Longitude (DD): -80.97271821

SCAT Division: Chatham County Division 2

ESI Map: GA - 5

ESI Name: Fort Pulaski, GA-SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-A8

QUAD Name: Fort Pulaski

Managed Area (if applicable): Unknown

General Location:

CONTACT INFORMATION

Contacts: Georgia DNR Emergency Operations Center 800-241-4113; SC DHEC 888-481-0125; Ft. Pulaski National Monument 912-313-2370; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, riprap, exposed tidal flats, fine to medium-grained sand beaches, scrub-shrub wetlands**Habitat:** Critical Sensitive tidal salt and brackish water marshes

Wildlife: Shorebirds, American eel, American & Hickory shad, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Atl. sturgeon, Bay & Striped anchovy, Black & Red drum, Black seabass, Blueback herring, Bluefish, Cobia, Hardhead catfish, Ladyfish, Hogchoker, King & Spanish mackerel, Mummichog, Pinfish, Seatrout, Sheepshead, Shortnose sturgeon, Silver perch, Southern & Summer flounder, Southern kingfish, Spot, Spotted seatrout, Star drum, Striped bass, Striped mullet, Tarpon, Am. oyster, Blue crab, Brown & Grass shrimp, Knobbed whelk, Pink & White shrimp, Quahog spp.

Threaten/Endangered Species: Sea turtle, possible Wood stork, West Indian Manatee, Shortnose sturgeon

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Conoco Phillips, Nustar Energy, ELBA Island**Collection Points:** Down river side of channel or skimmer**Area Access:** boat/helicopter**Spill Risk:****Response Resources:** See Annex XIV (2400), E-9, E-10, E12, E-21, E-17, E-23, E-24, E-25, E-26

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 500**Boom Type:****Booming Method:** Deflection

Protection Strategy: Currents exist that will likely prevent booming all the way across this cut. Recommend approximately 500' of deflection boom to direct oil away from the cut where it may be skimmed or further redirected to a collection point. If spill is up river deploy deflection boom west to east. If spill is down river (ocean side) then deploy deflection boom east to west. Any efforts that may result in the closing of the Intracoastal Waterway need to be made in consultation with Sector Charleston's Waterways Management Division or methods to open and close the waterway need to be devised (e.g. manning a 'boom gate').



Name: Fields Cut

Site ID:

SC62-03

Protection Priority (Season): Spring: Summer: Fall: Winter:

Site Description: Mouth of Fields Cut

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 4' 31.504" N

Longitude (DMS): 80° 57' 34.891" W

County: Jasper

Latitude (DD): 32.07541751

Longitude (DD): -80.95969183

SCAT Division: Jasper County Division 3

ESI Map: SC - 62

ESI Name: Fort Pulaski, GA-SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-A8

QUAD Name: Fort Pulaski

Managed Area (if applicable): Unknown

General Location:

CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)922-5431

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, sheltered tidal flats/oyster beds, sheltered scarps in marsh/mud

Habitat: Critical Sensitive tidal salt marsh, freshwater marshes (herbaceous vegetation)

Wildlife: Black & Wood duck, Clapper rail, shorebirds, wading birds, Hooded merganser, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, Blacktip shark, Bluefish, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, Herring and shad, Shortnose sturgeon, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter, Bottlenose dolphin

Threaten/Endangered Species: Possible Shortnose sturgeon, West Indian manatee, Sea Turtle

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Dredge spoils area

Collection Points: Up-river side during flood tide; would have to create a collection point down river on ebb tide, max current will make collection difficult; skimmer

Area Access: boat/helicopter

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 500

Boom Type:

Booming Method: Deflection

Protection Strategy: Currents exist that will likely prevent booming all the way across this cut. Recommend approximately 500' of deflection boom to direct oil away from the cut where it may be skimmed or further redirected to a collection point. Any efforts that may result in the closing of the Intracoastal Waterway need to be made in consultation with Sector Charleston's Waterways Management Division or methods to open and close the waterway need to be devised (e.g. manning a 'boom gate').

