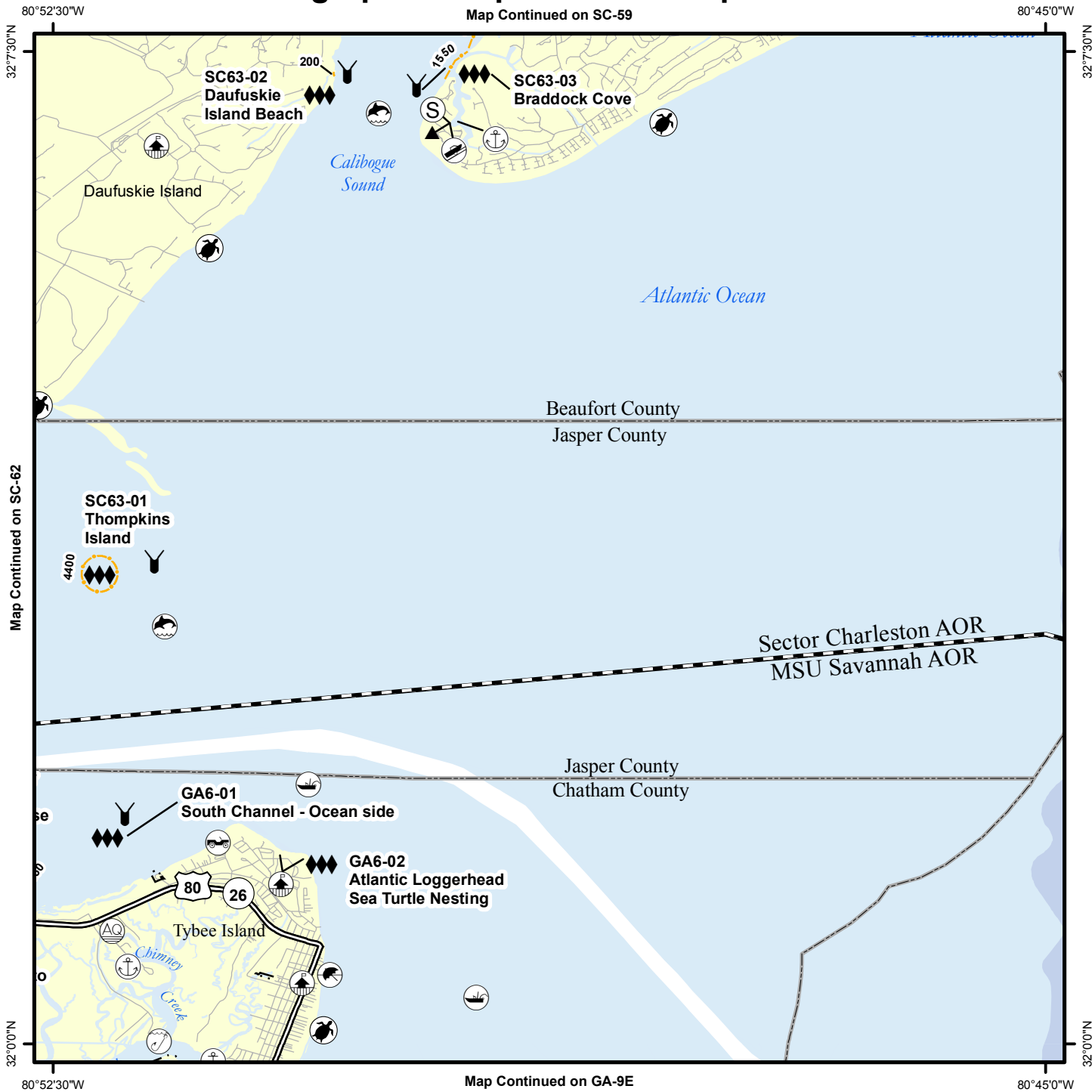


# Geographic Response Plan Map: SC-63

Map Continued on SC-59



## 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

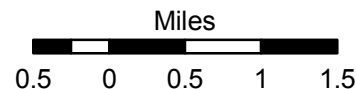
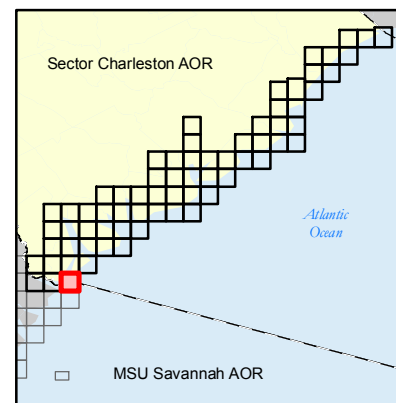
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBNA) Diving birds Nesting Area
- (DOL) Dolphins
- (GTA) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatees
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtles
- (SNA) 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



Name: Thompsons Island

Site ID:

SC63-01

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 3' 32.879" N

Longitude (DMS): 80° 52' 7.467" W

County: Jasper

Latitude (DD): 32.05913307

Longitude (DD): -80.86874107

SCAT Division: Jasper County Division 3

ESI Map: SC - 63

ESI Name: Tybee Island North, SC

NOAA Chart: 11512\_1

CHART Name: SAVANNAH RIVER AND WASSAW SOUND

USGS Quad: 32080-A7

QUAD Name: Tybee Island North

Managed Area (if applicable): State of South Carolina

General Location:

## CONTACT INFORMATION

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

## RESOURCES AT RISK INFORMATION

Shoreline Type: Sandy Beach

Habitat: Shoreline, seabird nesting habitat

**Wildlife:** Artificial seabird nesting island: Rooyal tern, Sandwich tern, Black skimmer, American oystercatcher, Brown pelican. Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Double-crested cormorant, gulls, terns, Atl. menhaden, Blacktip shark, Atl. sharpnose shark, Bluefish, Crevalle jack, rays, Seatrout, sharks, Southern flounder, Spanish mackerel, Tarpon, Atl. sturgeon, Herring and shad, Shortnose sturgeon, 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:** Lazeretto Creek Boat Landing off Hwy 80 in GA**Collection Points:****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):** 4400**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** Exclusion booming, open-water skimming.

Name: Daufuskie Island Beach

Site ID:

SC63-02

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 7' 18.339" N

Longitude (DMS): 80° 50' 24.269" W

County: Beaufort

Latitude (DD): 32.12176142

Longitude (DD): -80.84007505

SCAT Division: Beaufort County Division 2

ESI Map: SC - 63

ESI Name: Tybee Island North, SC

NOAA Chart: 11512

CHART Name: SAVANNAH RIVER AND WASSAW SOUND

USGS Quad: 32080-A7

QUAD Name: Tybee Island North

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

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

## RESOURCES AT RISK INFORMATION

Shoreline Type: Fine grained sand beach, salt and brackish water marshes, exposed tidal flats

Habitat: Fine grained sand beach, salt and brackish water marshes, tidal flats

Wildlife: Ospreys, diving birds, shorebirds, wading birds, Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Black duck, Clapper rail, Bottlenose dolphin, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, Bluefish, FL pompano, Gulf & Southern kingfish, rays, sharks, skates, Spiny dogfish, Loggerhead sea turtle, Am. oyster, Blue crab, Penaeid shrimp, Mink, River otter, Northern raccoon

Threaten/Endangered Species: Loggerhead turtle nesting - summer (low concentration), Possible Shortnose sturgeon, West Indian manatee

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: Cross Island Boat Landing on Hilton Head Island, boat ramp off Haig Point Road on west side of island

Collection Points: None

Area Access: boat/ferry

Spill Risk:

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 200

Boom Type:

Booming Method: Containment,  
Protection/Exclusion

Protection Strategy: Boom mouth of river. Use on-water skimming to recover oil.



Name: Braddock Cove

Site ID:

SC63-03

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 7' 20.950" N

Longitude (DMS): 80° 49' 27.634" W

County: Beaufort

Latitude (DD): 32.12248598

Longitude (DD): -80.82434266

SCAT Division: Beaufort County Division 2

ESI Map: SC - 63

ESI Name: Tybee Island North, SC

NOAA Chart: 11516\_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-A7

QUAD Name: Tybee Island North

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)922-5431; South Beach Marina (843)671-6699

## RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, sheltered solid man made structures, tidal flats

Habitat: Salt and brackish water marshes, sheltered solid man made structures, tidal flats

Wildlife: Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Black duck, Clapper rail, shorebirds, wading birds, 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, Bottlenose dolphin, Am. oyster, Blue crab, Penaeid shrimp, Mink, Northern raccoon, River otter

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: South Beach Marina, Cross Island Boat Landing

Collection Points: This site could be used as a collection point.

Area Access: boat/vehicle

Spill Risk:

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 3750

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: Boom mouth of Creek with 3750' of boom.



Name: South Channel - Ocean side

Site ID:

GA6-01

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

Site Description: Shallow mud flats

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 1' 35.000" N

Longitude (DMS): 80° 52' 5.002" W

County: Chatham

Latitude (DD): 32.02638897

Longitude (DD): -80.86805599

SCAT Division: Chatham County Division 2

ESI Map: GA - 6

ESI Name: Tybee Island South, GA; Tybee Island North, GA-SC

NOAA Chart: 11512\_1

CHART Name: SAVANNAH RIVER AND WASSAW SOUND

USGS Quad: 32080-A7

QUAD Name: Tybee Island North

Managed Area (if applicable):

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, sheltered tidal flats, fine to medium-grained sand beaches, exposed tidal flats, riprap**Habitat:** Critical Sensitive tidal salt and brackish water marshes, exposed and sheltered tidal flats

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

**Threaten/Endangered Species:** Piping plover, Wilson's plover, Shortnose sturgeon, possible West Indian manatee, Sea Turtle**Socio-Economic Resources:** Historic resources listed on the National Register

## RESPONSE CONSIDERATIONS

**Staging Area:** Coast Guard Station, ELBA Island**Collection Points:** Unnamed public dock**Area Access:** boat/helicopter**Spill Risk:****Response Resources:** See Annex XIV (2400). Equipment sites: E-1,2,4,6,7,11,12,17,21,23,24,25.

## PROTECTION STRATEGY INFORMATION

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

**Protection Strategy:** Shallow water skimming. Use on-water skimming operation to recover oil; hard boom or sorbent could be used to protect sensitive shoreline. However this strategy is unlikely due to the length of shoreline needed to be protected. Consider use of dispersants or in-situ burning in pre-approved zone.



Name: Atlantic Loggerhead Sea Turtle Nesting

Site ID:

GA6-02

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 1' 21.979" N

Longitude (DMS): 80° 50' 31.549"

County: Chatham

Latitude (DD): 32.02277195

Longitude (DD): -80.84209704

SCAT Division: Chatham County Division 2

ESI Map: GA - 6

ESI Name: Tybee Island South, GA; Tybee Island North, GA-SC

NOAA Chart: 11512\_1

CHART Name: SAVANNAH RIVER AND WASSAW SOUND

USGS Quad: 32080-A7

QUAD Name: Tybee Island North

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

Contacts: SCDNR 1-800-922-5431; 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 to medium grained sand beach, riprap, exposed solid man-made structures, exposed tidal flats

Habitat: Exposed tidal flats

Wildlife: Loggerhead sea turtle, Amer. oystercatcher, Killdeer, Willet, Double-crested cormorant, Gulls, Terns, Black-bellied & Semipalmated plover, Dowitcher, Dunlin, Least & Western sandpiper, Marbled godwit, Red knot, Ruddy turnstone, Whimbrel, Yellowlegs, Semipalmated & Spotted sandpiper, 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, Shortnose sturgeon, Loggerhead sea turtle

Socio-Economic Resources: Historical sites: Fort Screven Historical District, Ft. Screven Batteries, Tybee Light 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:

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: No Information Provided

Protection Strategy: No Information Provided

