

# Geographic Response Plan Map: SC-31

Map Continued on SC-25



Map Continued on SC-30

Map Continued on SC-32

Map Continued on SC-37E

## 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

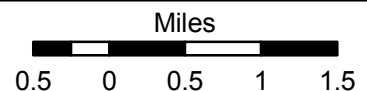
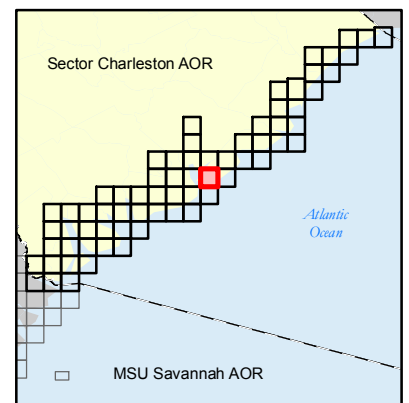
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBN) Diving birds Nesting Area
- (DOL) Dolphins
- (GTA) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatees
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (STA) Sea Turtles
- (SNA)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



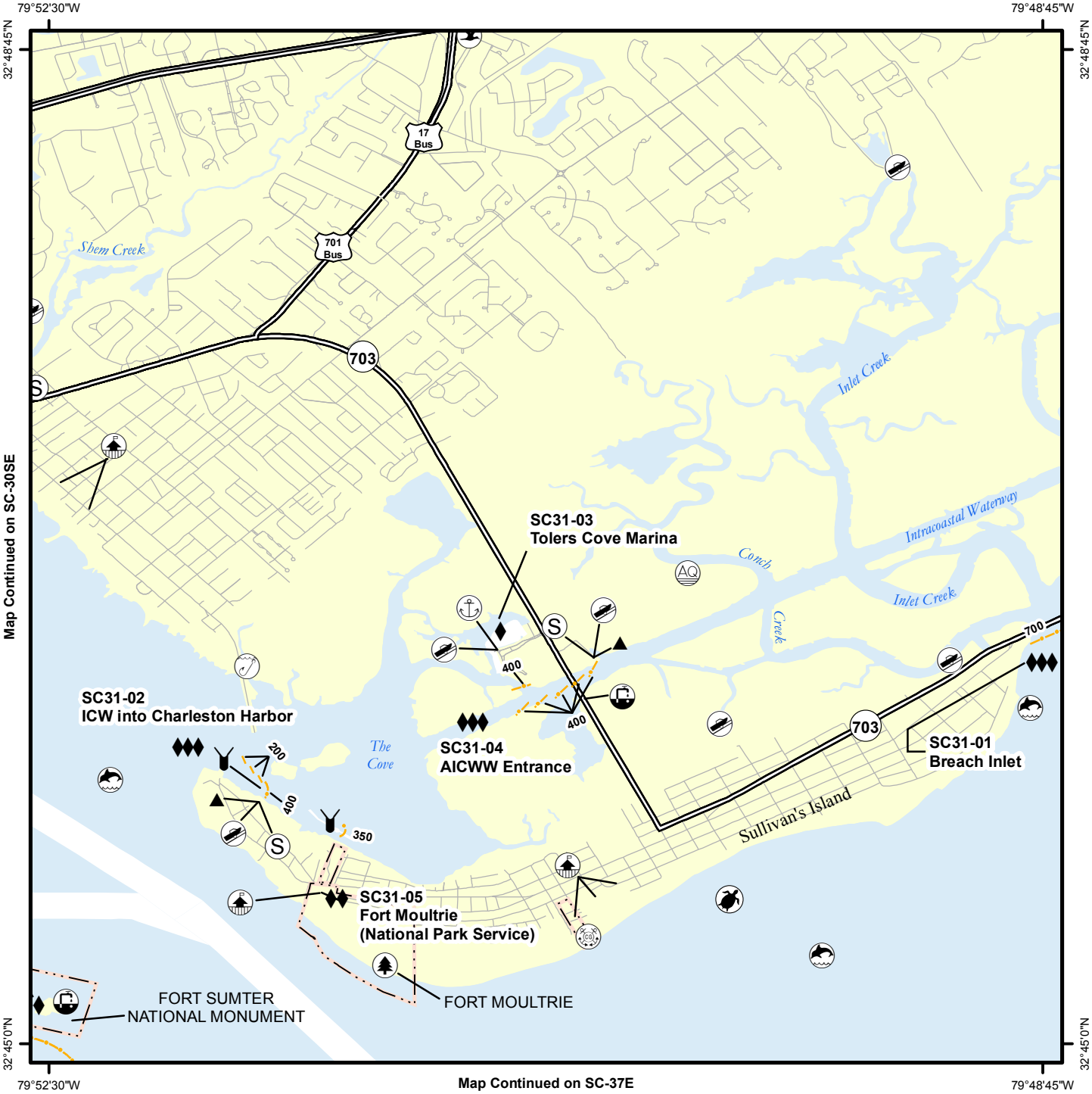
US Coast Guard  
Sector Charleston



Fish and Wildlife  
Research Institute



# Geographic Response Plan Map: SC-31SW



Name: Breach Inlet

Site ID:

SC31-01

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 46' 27.267" N

Longitude (DMS): 79° 48' 44.903"

County: Charleston

Latitude (DD): 32.77424070

Longitude (DD): -79.81247299

SCAT Division: Charleston County Division 2

ESI Map: SC - 31

ESI Name: Fort Moultrie, SC

NOAA Chart: 11518\_2

CHART Name: ICW CASINO CREEK TO BEAUFORT RIVER SIDE A

USGS Quad: 32079-G7

QUAD Name: Fort Moultrie

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

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

## RESOURCES AT RISK INFORMATION

**Shoreline Type:** Salt and brackish water marshes, fine-grained sand beaches, exposed riprap structures, sheltered solid man-made structures, exposed tidal flats**Habitat:** Salt and brackish water marshes, exposed tidal flats**Wildlife:** Wading birds, Black & Surf scoter, Bufflehead, Common goldeneye, Brown pelican, Double-crested cormorant, gulls, terns, Am. oystercatcher, Black-bellied & Semipalmated plover, Dowitcher, Dunlin, Marbled godwit, Peep, Red knot, Willet, Bottlenose dolphin, Loggerhead sea turtle, Am. oyster, Blue crab, Penaeid shrimp, various fish species**Threaten/Endangered Species:** Loggerhead sea turtle, possible West Indian manatee**Socio-Economic Resources:**

## RESPONSE CONSIDERATIONS

**Staging Area:** Hamlin Creek Boat Ramps, ICW Entrance Boat Ramp/Sullivans Island Boat Ramp**Collection Points:****Area Access:****Spill Risk:****Response Resources:**

## PROTECTION STRATEGY INFORMATION

**Tidal Range (FT):****Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 750**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** 750' boom across mouth of inlet

Name: ICW into Charleston Harbor

Site ID:

SC31-02

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 46' 3.656" N

Longitude (DMS): 79° 51' 49.447"

County: Charleston

Latitude (DD): 32.76768221

Longitude (DD): -79.86373519

SCAT Division: Charleston County Division 2

ESI Map: SC - 31

ESI Name: Fort Moultrie, SC

NOAA Chart: 11518\_2

CHART Name: ICW CASINO CREEK TO BEAUFORT RIVER SIDE A

USGS Quad: 32079-G7

QUAD Name: Fort Moultrie

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

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

## RESOURCES AT RISK INFORMATION

**Shoreline Type:** Exposed tidal flats, exposed walls and other structures made of concrete, wood or metal, salt and brackish water marshes, sheltered tidal flats/oyster beds**Habitat:** Exposed tidal flats, salt and brackish water marshes, sheltered tidal flats/oyster beds**Wildlife:** Greater & Lesser scaup, Black & Wood duck, Clapper rail, shorebirds, wading birds, Hooded merganser, various fish species, American oyster, Blue crab, Penaeid shrimp, Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Shortnose sturgeon, possible West Indian manatee**Socio-Economic Resources:**

## RESPONSE CONSIDERATIONS

**Staging Area:** ICW Entrance/Sullivans Island Boat Ramp**Collection Points:****Area Access:****Spill Risk:****Response Resources:**

## PROTECTION STRATEGY INFORMATION

**Tidal Range (FT):****Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 1000**Boom Type:****Booming Method:** Containment, Deflection**Protection Strategy:** 3 - 200' sections of diversion boom; 400' collection boom off boat ramp

Name: Tolers Cove Marina

Site ID:

SC31-03

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 46' 31.902" N

Longitude (DMS): 79° 50' 47.621"

County: Charleston

Latitude (DD): 32.77552846

Longitude (DD): -79.84656146

SCAT Division: Charleston County Division 2

ESI Map: SC - 31

ESI Name: Fort Moultrie, SC

NOAA Chart: 11518\_2

CHART Name: ICW CASINO CREEK TO BEAUFORT RIVER SIDE A

USGS Quad: 32079-G7

QUAD Name: Fort Moultrie

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

Contacts: SC DHEC: 888-481-0125; SC DNR: 800-922-5431; DOI - Regional Environmental Officer 404- 331-4524 or 215-597-5378  
NOAA - SSC (USCG District 7) 305-530-7931

## RESOURCES AT RISK INFORMATION

**Shoreline Type:** Sheltered man-made structures, salt and brackish water marshes, sheltered tidal flats/oyster beds**Habitat:** Marina, salt and brackish water marshes, sheltered tidal flats/oyster beds**Wildlife:** Black & Wood duck, Clapper rail, shorebirds, wading birds, Hooded merganser, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Seatrout, Spot, Spotted seatrout, Striped mullet, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Possible Shortnose Sturgeon (SNS) habitat, West Indian manatee**Socio-Economic Resources:**

## RESPONSE CONSIDERATIONS

**Staging Area:** Goldbug Island Boat Ramp**Collection Points:****Area Access:** boat/vehicle**Spill Risk:****Response Resources:** See Appendix I to Annex F

## PROTECTION STRATEGY INFORMATION

**Tidal Range (FT):****Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 400**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** 400' of barrier boom across creek near the mouth

Name: AICWW Entrance

Site ID:

SC31-04

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 46' 12.821" N

Longitude (DMS): 79° 50' 54.075"

County: Charleston

Latitude (DD): 32.77022794

Longitude (DD): -79.84835416

SCAT Division: Charleston County Division 2

ESI Map: SC - 31

ESI Name: Fort Moultrie, SC

NOAA Chart: 11518\_2

CHART Name: ICW CASINO CREEK TO BEAUFORT RIVER SIDE A

USGS Quad: 32079-G7

QUAD Name: Fort Moultrie

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

Contacts: SC DHEC: 888-481-0125; SC DNR: 800-922-5431; DOI - Regional Environmental Officer 404- 331-4524 or 215-597-5378

## RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, gravel (shell) beaches, sheltered tidal flats/oyster beds

Habitat: High sensitivity salt and brackish water marshes, sheltered tidal flats/oyster beds

Wildlife: Black & Wood duck, Clapper rail, shorebirds, wading birds, Hooded merganser, Am. oystercatcher, Black-bellied & Semipalmated plover, Dowitcher, Dunlin, Marbled godwit, Peep, Red knot, Willet, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species: Possible Shortnose Sturgeon (SNS) habitat, West Indian manatee

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Goldbug Island Boat Ramp

Collection Points: Nearest collection point is Goldbug Island Boat Ramp

Area Access: boat

Spill Risk:

Response Resources: See Appendix I to Annex F

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 2000

Boom Type:

Booming Method: Deflection

Protection Strategy: 2000' of boom stair-stepped to direct oil to Goldbug Island Boat Ramp





Name: Fort Moultrie (National Park Service)

Site ID:

SC31-05

Protection Priority (Season):

Spring: ☐Summer: ☐Fall: ☐Winter: ☐

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 45' 33.782" N

Longitude (DMS): 79° 51' 28.062"

County: Charleston

Latitude (DD): 32.75938382

Longitude (DD): -79.85779505

SCAT Division: Charleston County Division 2

ESI Map: SC - 31

ESI Name: Fort Moultrie, SC

NOAA Chart: 11518\_2

CHART Name: ICW CASINO CREEK TO BEAUFORT RIVER SIDE A

USGS Quad: 32079-G7

QUAD Name: Fort Moultrie

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

**Contacts:** SC Wildlife and Marine Resources Dept. 803-253-6488; US National Park Service 843-883-3124; NOAA - SSC (USCG District 7) 305-530-7931; SC DHEC: 888-481-0125; SC DNR: 800-922-5431

## RESOURCES AT RISK INFORMATION

**Shoreline Type:** Fine-grained sand beaches**Habitat:**

**Wildlife:** Greater & Lesser scaup, Black & Red drum, Spotted seatrout, Atl. menhaden, Atl. sharpnose shark, Blacktip shark, Bluefish, Crevalle jack, rays, Seatrout, sharks, Southern flounder, flounder Spanish mackerel, Tarpon, Atl. sturgeon, Herring & shad, Shortnose sturgeon, Bottlenose dolphin

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

## RESPONSE CONSIDERATIONS

**Staging Area:** ICW Entrance/Sullivans Island Boat Ramp**Collection Points:** Boat dock to be used as collection point using 200' collection boom.**Area Access:** boat/vehicle**Spill Risk:****Response Resources:** See Appendix I to Annex F

## PROTECTION STRATEGY INFORMATION

**Tidal Range (FT):****Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):****Boom Type:****Booming Method:** N/A**Protection Strategy:** No protection possible for Fort on harbor side of island; no protection required for boat dock on ICW side of island.

Name: Foster Creek

Site ID:

SC31-06

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 51' 54.618" N

Longitude (DMS): 79° 51' 40.294"

County: Charleston

Latitude (DD): 32.86517164

Longitude (DD): -79.86119282

SCAT Division: Charleston County Division 2

ESI Map: SC - 31

ESI Name: Fort Moultrie, SC

NOAA Chart: 11524\_1

CHART Name: CHARLESTON HARBOR

USGS Quad: 32079-G7

QUAD Name: Fort Moultrie

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

Contacts: SC DHEC: 888-481-0125; SC DNR: 800-922-5431; DOI - Regional Environmental Officer 404- 331-4524 or 215-597-5378  
NOAA - SSC (USCG District 7) 305-530-7931

## RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes

Habitat: High sensitivity salt and brackish water marshes, sheltered tidal flats/oyster beds

Wildlife: Black & Wood duck, Clapper rail, shorebirds, wading birds, Hooded merganser, Greater & Lesser scaup, Great blue heron, Atl. menhaden, Atl. croaker, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Spotted seatrout, Spot, So. & Summer flounder, Striped mullet, Bluefish, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, Herring & shad, Shortnose sturgeon, Am. oyster, Blue crab, Penaeid shrimp, Beaver, Mink, N. raccoon, River otter, Bottlenose dolphin

Threaten/Endangered Species: Possible Shortnose Sturgeon (SNS) habitat, West Indian manatee

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Remley Point Boat Ramp

Collection Points:

Area Access: boat/helicopter

Spill Risk:

Response Resources: See Appendix I to Annex F

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 400

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: 400' of barrier boom across mouth of creek

