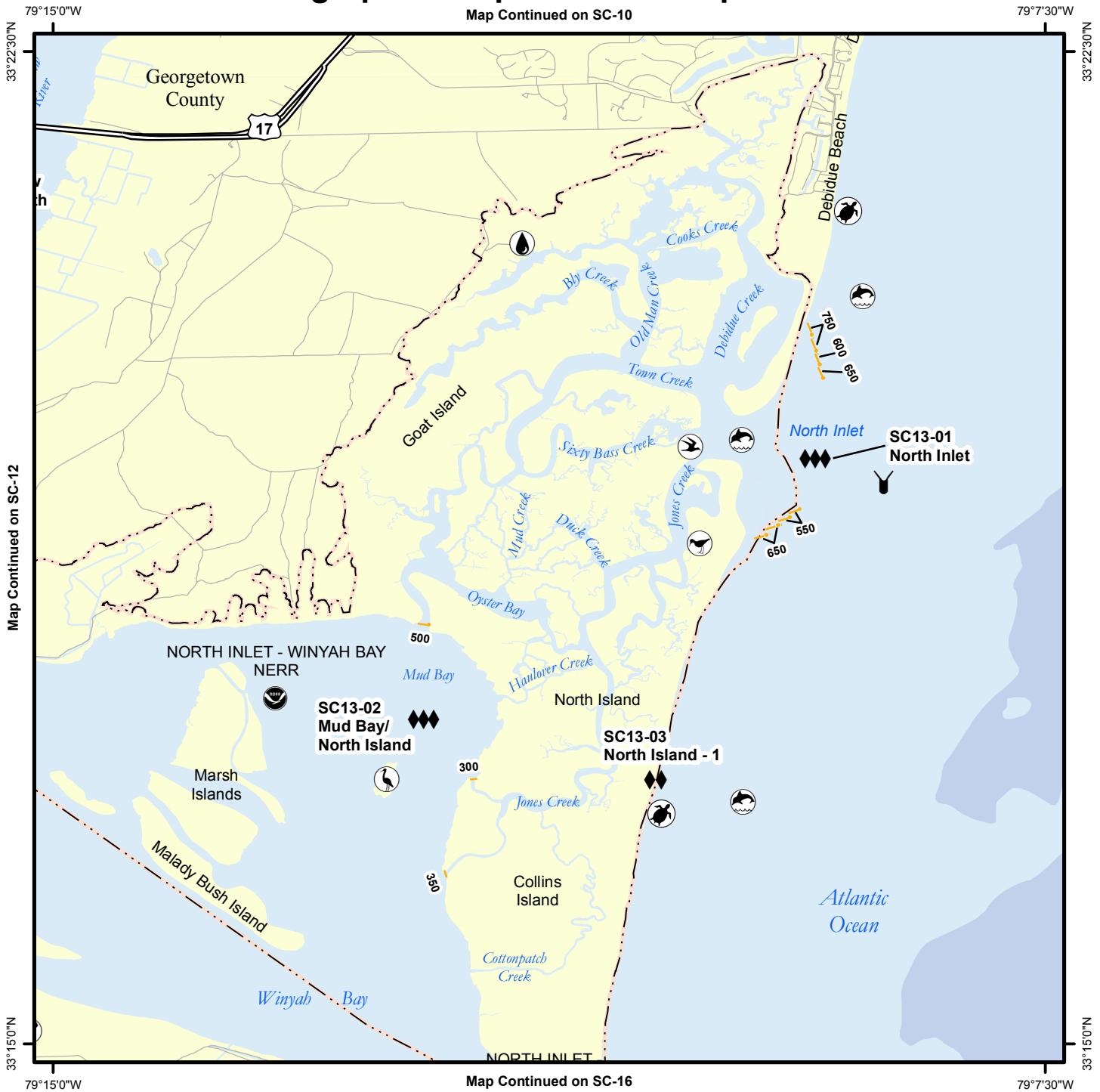


# Geographic Response Plan Map: SC-13

Map Continued on SC-10



Map Continued on SC-16

## 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

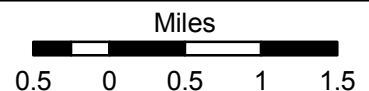
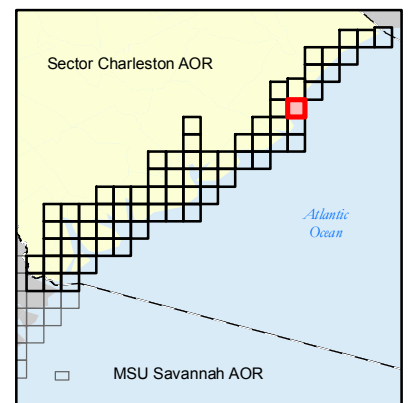
- Ⓐ Aquaculture
- ⚓ Boat Ramp
- Ⓢ Coast Guard
- Ⓢ Commercial Fishing
- Ⓢ Diving birds Nesting Area
- Ⓢ Dolphins
- Ⓢ Gull/Tern Nesting Area
- Ⓢ Historical Site
- Ⓢ Manatees
- Ⓢ Marina
- Ⓢ Raptor Nesting Area
- Ⓢ Recreational Fishing
- Ⓢ Sea Turtles
- Ⓢ Shorebird Nesting Area
- Ⓢ Wading birds Nesting Area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



US Coast Guard  
Sector Charleston



Fish and Wildlife  
Research Institute



Name: North Inlet

Site ID:

SC13-01

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

Site Description: National Estuarine Research Reserve

## GEOSPATIAL INFORMATION

Latitude (DMS): 33° 19' 25.595" N

Longitude (DMS): 79° 9' 14.290" W

County: Georgetown

Latitude (DD): 33.32377645

Longitude (DD): -79.15396938

SCAT Division: Georgetown County Division 2

ESI Map: SC - 13

ESI Name: North Island, SC

NOAA Chart: 11532\_1

CHART Name: WINYAH BAY

USGS Quad: 33079-C2

QUAD Name: North Island

Managed Area (if applicable): National Estuarine Research Reserve

General Location:

## CONTACT INFORMATION

Contacts: SCDNR 800-992-5431; SCDHEC 888-481-0125; USC Baruch Institute - Director: 843-546-3623 ext. 0, 221 or 222

## RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, sheltered tidal/oyster flats, exposed tidal flats, fine-grained sand beaches

Habitat: sand beaches; salt marsh; exposed and protected tidal flats; tidal creeks

Wildlife: Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Brown pelican, Common loon, Double-crested cormorant, Red-throated loon, American oystercatcher, Gulls, Least tern, Peep, Piping plover, Terns, wading birds, Willet, Wilson's plover, various fish species, Bottlenose dolphin, Loggerhead sea turtle, American oyster, Blue crab, Penaeid shrimp, Quahog spp.

Threaten/Endangered Species: Loggerhead sea turtle, Wilson's plover, Piping plover, Least tern, Shortnose sturgeon, possible West Indian manatee

Socio-Economic Resources: Ocean Boom

## RESPONSE CONSIDERATIONS

Staging Area: Boat ramp near Western Channel

Collection Points:

Area Access: Boat ramp near Western Channel

Spill Risk:

Response Resources: Charleston

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 2,400

Boom Type:

Booming Method: Deflection

Protection Strategy: Deploy (4) 600' deflection booms to deflect oil (away from inlet) approaching along the beach (on either north or south side of inlet - dependent upon along shore current); On-water recovery.



Name: Mud Bay/ North Island

Site ID:

SC13-02

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

Site Description: North Inlet National Estuarine Research Reserve

## GEOSPATIAL INFORMATION

Latitude (DMS): 33° 17' 27.430" N

Longitude (DMS): 79° 12' 11.934"

County: Georgetown

Latitude (DD): 33.29095280

Longitude (DD): -79.20331499

SCAT Division: Georgetown County Division 2

ESI Map: SC - 13

ESI Name: North Island, SC

NOAA Chart: 11534\_8

CHART Name: MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK

USGS Quad: 33079-C2

QUAD Name: North Island

Managed Area (if applicable): North Inlet National Estuarine Research Reserve

General Location: Includes Collins Island; North Island; North end of Mud Bay

## CONTACT INFORMATION

Contacts: SCDNR 800-922-5431; SCDHEC 888-481-0125; USC Baruch Institute - Director: 1-843-546-3623 ext. 0, 221 or 222

## RESOURCES AT RISK INFORMATION

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

Habitat: Salt and brackish water marshes

Wildlife: Common, Hooded & Red-breasted merganser, Black duck, Clapper rail, shorebirds, wading birds, Wood duck, Canvasback, Black-crowned night heron, Great & Snowy egret, Tricolored heron, White ibis, Atlantic sturgeon, Herring and shad, Shortnose sturgeon, American oyster (eastern), Blue crab, Penaeid shrimp, Quahog spp. (hard clam), Beaver, Mink, Northern raccoon, River otter

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

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Belle Isle Marina (1228 Belle Isle Rd. Georgetown, SC 29440 1-843-546-8491)

Collection Points:

Area Access: Boat ramp near Western Channel

Spill Risk:

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 1,200

Boom Type:

Booming Method: Deflection

Protection Strategy: Deploy 2 - 350' and 500' at North end of Mud Bay sections of deflection boom at mouth of creeks (Collins Island: Jones Creek & Sign Creek, North Island; North end of Mud Bay)



Name: North Island - 1

Site ID:

SC13-03

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

Site Description: Turtle Nesting Beach

## GEOSPATIAL INFORMATION

Latitude (DMS): 33° 16' 59.911" N

Longitude (DMS): 79° 10' 26.845"

County: Georgetown

Latitude (DD): 33.28330854

Longitude (DD): -79.17412362

SCAT Division: Georgetown County Division 2

ESI Map: SC - 13

ESI Name: North Island, SC

NOAA Chart: 11532\_1

CHART Name: WINYAH BAY

USGS Quad: 33079-C2

QUAD Name: North Island

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

Contacts: SCDNR (Coordinator) 843-953-9016

## RESOURCES AT RISK INFORMATION

Shoreline Type: Fine grained sand beaches, scarps and steep slopes in sand

Habitat:

Wildlife: Black &amp; Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Bluefish, FL pompano, Gulf &amp; Southern kingfish, rays, Red drum, sharks, skates, Spanish mackerel, Spiny dogfish, Spot, Striped mullet, Tarpon, Loggerhead sea turtle, Bottlenose dolphin

Threaten/Endangered Species: Loggerhead sea turtle

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Georgetown Boat ramp near Western Channel

Collection Points: N/A

Area Access: boat/helicopter Boat ramp near Western Channel

Spill Risk:

Response Resources: Contractor

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9

Average Current (KTS):

Ease of Protection: Hard

Min. Boom Length (FT):

Boom Type:

Booming Method: N/A

Protection Strategy: Boom not practical

