

Geographic Response Plan Map: SC-60

Map Continued on SC-54



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

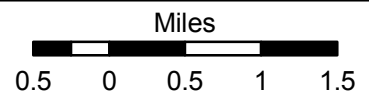
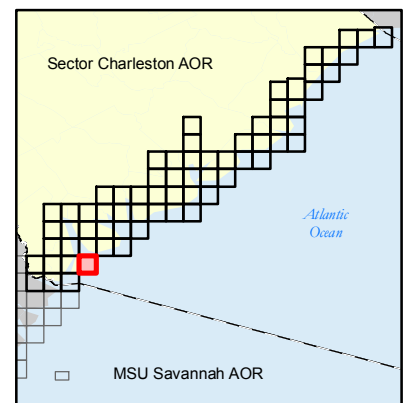
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBN) Diving birds Nesting Area
- (DOL) Dolphins
- (GTA) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatees
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtles
- (SNA)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

Site ID:

SC60-01

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 10' 52.241" N

Longitude (DMS): 80° 43' 47.909" W

County: Beaufort

Latitude (DD): 32.181178

Longitude (DD): -80.729975

SCAT Division: Beaufort County Division 2

ESI Map: SC - 60

ESI Name: Hilton Head, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-B6

QUAD Name: Hilton Head

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)992-5431

RESOURCES AT RISK INFORMATION

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

Habitat: Moored/docked vessels, salt and brackish water marshes, sheltered tidal flats/oyster beds

Wildlife: Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, Blue crab, American oyster, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter, Bottlenose dolphin

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

Socio-Economic Resources: Marina

RESPONSE CONSIDERATIONS

Staging Area: Shelter Cove Marina

Collection Points:

Area Access: boat/helicopter

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 1500

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: 1500' boom in chevron configuration. Use skimmers or vac truck to recover oil



Name: Hilton Head Island Beach

Site ID:

SC60-02

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 9' 15.001" N

Longitude (DMS): 80° 43' 39.000" W

County: Beaufort

Latitude (DD): 32.15416699

Longitude (DD): -80.72750000

SCAT Division: Beaufort County Division 2

ESI Map: SC - 60

ESI Name: Hilton Head, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-B6

QUAD Name: Hilton Head

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

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

RESOURCES AT RISK INFORMATION

Shoreline Type: Fine-grained sand beaches, exposed riprap structures, exposed walls and other structures made of concrete, wood or metal

Habitat: Sandy beach

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

Threaten/Endangered Species: Loggerhead turtle nesting - summer

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Parking lots at various beachfront resorts

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: Snare

Booming Method: Ensnarement

Protection Strategy: Stake oil snare on-a-rope in front of turtle nesting areas. Use open water skimmers to recover oil. Also consider in-situ burning in pre-approved areas



GRP - Oil Spill Sensitive Site Report for Sector : Charleston**GRP Map #****SC-60****Name:** Joiner Bank**Site ID:****SC60-03****Protection Priority (Season):** Spring: Summer: Fall: Winter: **Site Description:** Bird Sanctuary - rest area for birds**GEOSPATIAL INFORMATION****Latitude (DMS):** 32° 13' 0.681" N**Longitude (DMS):** 80° 39' 40.496" W**County:** Beaufort**Latitude (DD):** 32.21685599**Longitude (DD):** -80.66124865**SCAT Division:** Beaufort County Division 2**ESI Map:** SC - 60**ESI Name:** Hilton Head, SC**NOAA Chart:** 11516_1**CHART Name:** PORT ROYAL SOUND AND INLAND PASSAGES**USGS Quad:** 32080-B6**QUAD Name:** Hilton Head**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**Habitat:** Exposed tidal flats**Wildlife:** Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Black skimmer, Brown pelican, Double-crested cormorant, gulls, terns, wading birds**Threaten/Endangered Species:****Socio-Economic Resources:****RESPONSE CONSIDERATIONS****Staging Area:** Port Royal, Skull Creek Marina**Collection Points:****Area Access:** boat/helicopter**Spill Risk:****Response Resources:****PROTECTION STRATEGY INFORMATION****Tidal Range (FT):** 6-9**Average Current (KTS):****Ease of Protection:** Hard**Min. Boom Length (FT):** 4000**Boom Type:****Booming Method:** Deflection,
Protection/Exclusion**Protection Strategy:** Protect or divert with 4000' of boom if practical. Bank is only visible at low tide, dependent on time of season

Name: Hilton Head

Site ID:

SC60-04

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

Site Description: Turtle Nesting Beach

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 13' 14.181" N

Longitude (DMS): 80° 40' 8.255" W

County: Beaufort

Latitude (DD): 32.22060566

Longitude (DD): -80.66895979

SCAT Division: Beaufort County Division 2

ESI Map: SC - 60

ESI Name: Hilton Head, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-B6

QUAD Name: Hilton Head

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

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

RESOURCES AT RISK INFORMATION

Shoreline Type: Fine grained sand beaches, scarps and steep slopes in sand, salt and brackish water marshes

Habitat: Exposed tidal flats, salt and brackish water marshes

Wildlife: Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, wading birds, Red drum, Southern flounder, Spot, Spotted seatrout, Striped mullet, Bluefish, FL pompano, Gulf & Southern kingfish, rays, sharks, skates, Spiny dogfish, Loggerhead sea turtle, Bottlenose dolphin

Threaten/Endangered Species: Loggerhead sea turtle

Socio-Economic Resources: Tourist and High-Income area

RESPONSE CONSIDERATIONS

Staging Area: Parking lot at Port Royal Plantation Beach House

Collection Points:

Area Access: boat/helicopter/vehicle

Spill Risk:

Response Resources:

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

