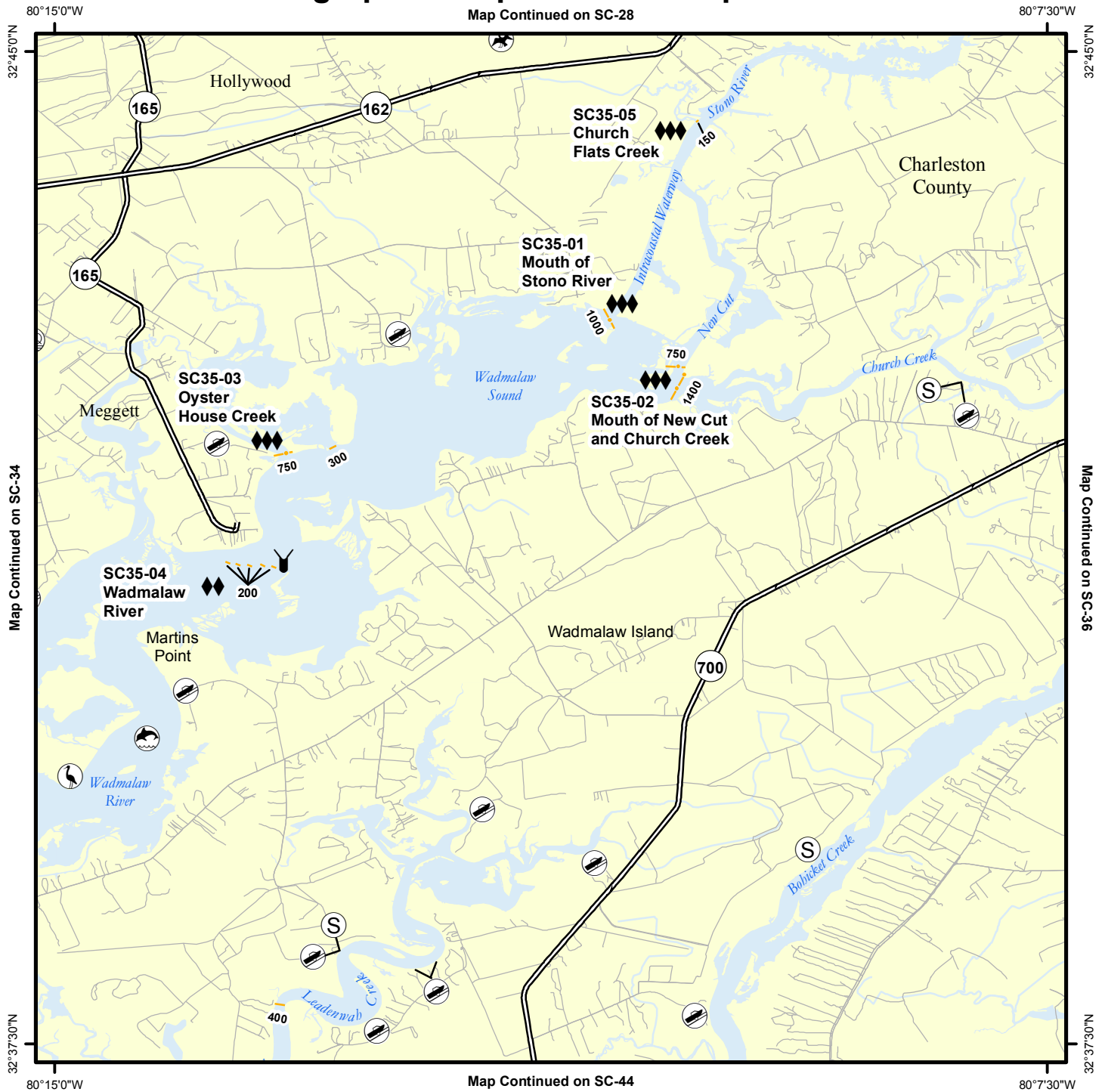


# Geographic Response Plan Map: SC-35

Map Continued on SC-28



Map Continued on SC-34

Map Continued on SC-36

Map Continued on SC-44

## 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

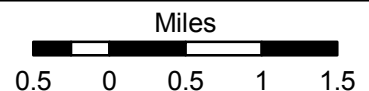
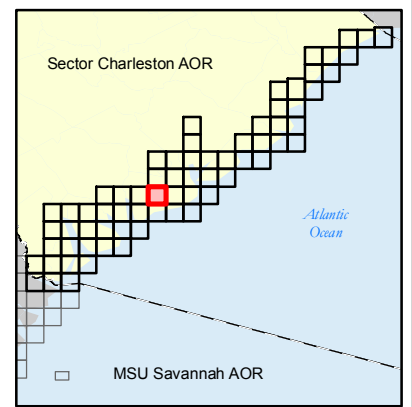
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBN) Diving birds Nesting Area
- (DOL) Dolphins
- (GTA) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatees
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtles
- (SNA)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

Site ID:

SC35-01

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 43' 5.807" N

Longitude (DMS): 80° 10' 42.815"

County: Charleston

Latitude (DD): 32.71827974

Longitude (DD): -80.17855973

SCAT Division: Charleston County Division 4

ESI Map: SC - 35

ESI Name: Wadmalaw Island, SC

NOAA Chart: 11518\_3

CHART Name: ICW CASINO CREEK TO BEAUFORT RIVER SIDE A UU-VV

USGS Quad: 32080-F2

QUAD Name: Wadmalaw Island

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, sheltered scarps in marsh/mud, sheltered tidal flats/oyster beds

Habitat: Highly sensitive salt and brackish water marshes, freshwater swamps (woody vegetation), sheltered tidal flats/oyster beds

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

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

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area:

Collection Points:

Area Access: Various boat ramps in the vicinity

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: Protection/Exclusion

Protection Strategy: 1000' Boom across the mouth of Stono River



Name: Mouth of New Cut and Church Creek

Site ID:

SC35-02

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 42' 31.209" N

Longitude (DMS): 80° 10' 16.911"

County: Charleston

Latitude (DD): 32.70866915

Longitude (DD): -80.17136412

SCAT Division: Charleston County Division 4

ESI Map: SC - 35

ESI Name: Wadmalaw Island, SC

NOAA Chart: 11518\_3

CHART Name: ICW CASINO CREEK TO BEAUFORT RIVER SIDE A UU-VV

USGS Quad: 32080-F2

QUAD Name: Wadmalaw Island

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, sheltered tidal flats/oyster beds

Habitat: Highly sensitive salt and brackish water marshes, sheltered tidal flats/oyster beds

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

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

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area:

Collection Points:

Area Access: Various boat ramps in the vicinity

Spill Risk:

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 2150

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: 750' Boom across mouth of New Cut and 1400' boom across mouth of Church Creek



Name: Oyster House Creek

Site ID:

SC35-03

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 42' 1.119" N

Longitude (DMS): 80° 13' 21.524"

County: Charleston

Latitude (DD): 32.70031093

Longitude (DD): -80.22264560

SCAT Division: Charleston County Division 4

ESI Map: SC - 35

ESI Name: Wadmalaw Island

NOAA Chart: 11518\_3

CHART Name: ICW CASINO CREEK TO BEAUFORT RIVER SIDE A UU-VV

USGS Quad: 32080-F2

QUAD Name: Wadmalaw Island

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, sheltered tidal flats/oyster beds, sheltered solid man-made structures, scarps and steep slopes in sand**Habitat:** Highly sensitive salt and brackish water marshes, sheltered tidal flats/oyster beds**Wildlife:** American oyster, Blue crabs, Penaeid shrimp, Common, Hooded & Red-breasted merganser, Clapper rail, Black & Wood duck, wading bird, shorebirds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Possible Shortnose sturgeon, West Indian manatee**Socio-Economic Resources:**

## RESPONSE CONSIDERATIONS

**Staging Area:****Collection Points:****Area Access:** Boat ramp on Younges Island**Spill Risk:****Response Resources:**

## PROTECTION STRATEGY INFORMATION

**Tidal Range (FT):****Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 1050**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** 750' boom across mouth of creek, 300' boom creek to east of Oyster House Creek

Name: Wadmalaw River

Site ID:

SC35-04

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 40' 57.692" N

Longitude (DMS): 80° 13' 48.346"

County: Charleston

Latitude (DD): 32.68269227

Longitude (DD): -80.23009606

SCAT Division: Charleston County Division 4

ESI Map: SC - 35

ESI Name: Wadmalaw Island

NOAA Chart: 11518\_3

CHART Name: ICW CASINO CREEK TO BEAUFORT RIVER SIDE A UU-VV

USGS Quad: 32080-F2

QUAD Name: Wadmalaw Island

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, sheltered tidal flats/oyster beds

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

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

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

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area:

Collection Points:

Area Access: Boat ramp on Younges Island

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: Deflection

Protection Strategy: 1000' boom cascaded to deflect product into natural collection area to the south



Name: Church Flats Creek

Site ID:

SC35-05

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 44' 29.180" N

Longitude (DMS): 80° 10' 14.144"

County: Charleston

Latitude (DD): 32.74143897

Longitude (DD): -80.17059552

SCAT Division: Charleston County Division 4

ESI Map: SC - 35

ESI Name: Wadmalaw Island, SC

NOAA Chart: 11518\_3

CHART Name: ICW CASINO CREEK TO BEAUFORT RIVER SIDE A UU-VV

USGS Quad: 32080-F2

QUAD Name: Wadmalaw Island

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, sheltered tidal flats/oyster beds

Habitat: Highly sensitive salt and brackish water marshes

Wildlife: Cattle Egret, Common, Hooded & Red-breasted merganser, Black & Wood 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, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter

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

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Church Creek Boat Ramp

Collection Points:

Area Access: Various boat ramps in the vicinity

Spill Risk:

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 200

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: 200' Barrier boom to protect creek

