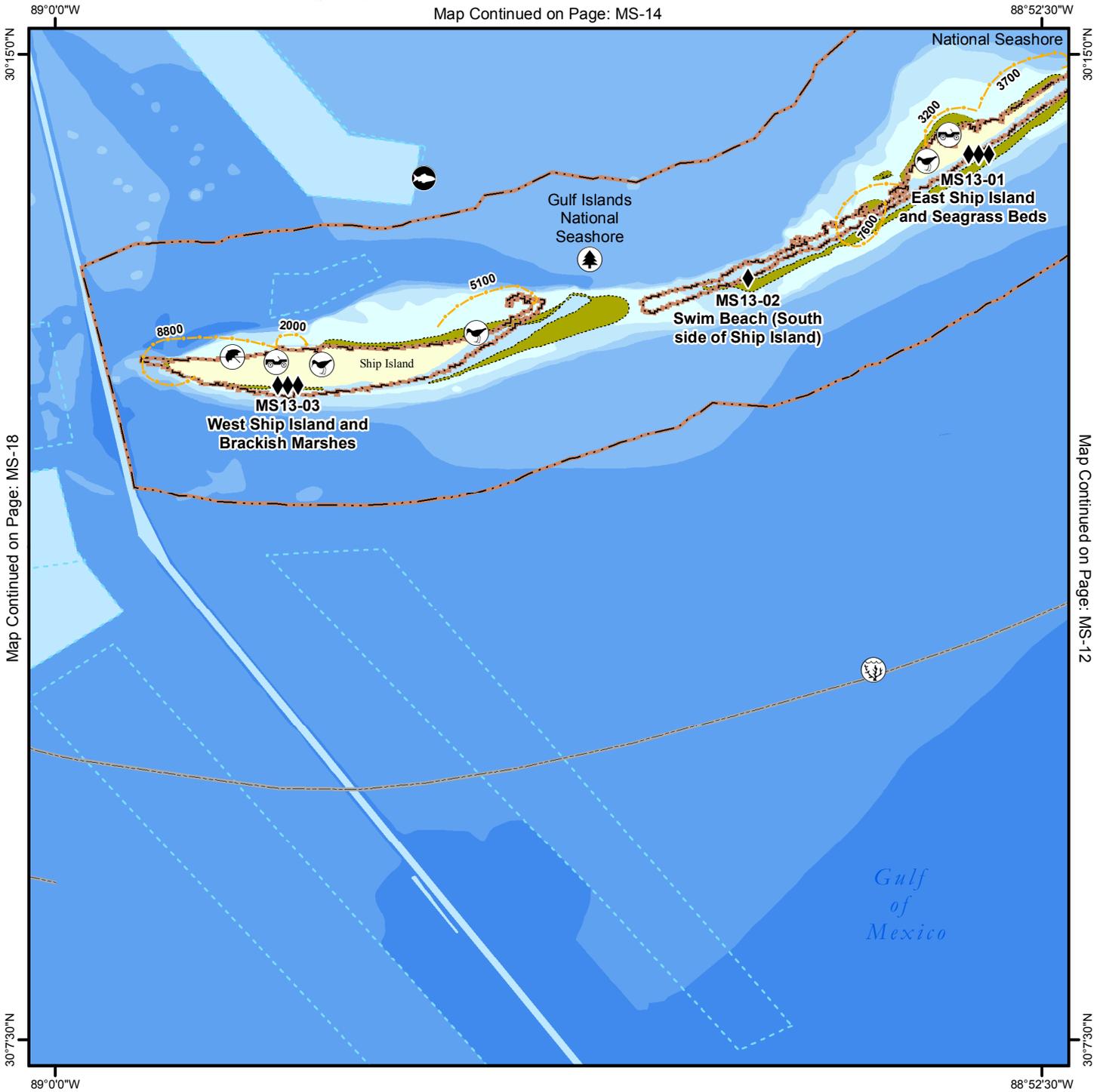


Geographic Response Plan Map: MS-13

Map Continued on Page: MS-14



Map Continued on Page: MS-18

Map Continued on Page: MS-12

<p>Environmentally Sensitive Areas</p> <p>Summer Protection Priority</p> <ul style="list-style-type: none"> ◆◆ A - Protect First ◆◆ B - Protect after A Areas ◆ C - Protect after B Areas <p>Response Methods</p> <ul style="list-style-type: none"> Y Skimmer ☉ Shallow Water Skimmer ▲ Collection Point ▲ Natural Collection Points 👤 General Booming Strategy (Length in Feet) 🏠 Incident Command Posts Ⓢ Staging Areas Ⓜ Oil Spill Risk Sites Ⓜ Equipment Storage Locations 🏖 Beach or Water Access 	<p>Bio-Socioeconomic</p> <ul style="list-style-type: none"> ✈ Airport 🐟 Aquaculture 🌿 Aquatic Preserve/State Park 🏗 Artificial Reef/Hardbottom 🐭 Beach Mouse Habitat 🐻 Black Bear Habitat 🚤 Boat Ramp 🐠 Coast Guard 🤿 Diving 🐸 Flatwoods Salamander 🚁 Helipoint 🏖 High Recreational Beach 🐬 Manatee 	<ul style="list-style-type: none"> ⚓ Marina 🏠 NERR 🌲 National Park ⚓ Naval Base 🐞 Panama City Crayfish ⚡ Power Plant 🦎 Reptile Habitat of Concern 🐢 Sea Turtle Nesting 🐦 Shore Bird Habitat 🌊 Spring 🐟 Sturgeon 💧 Water Intake 🌳 Wildlife Refuge 	<ul style="list-style-type: none"> 🐢 Sea Turtle Nesting Beach 🏠 Federal Managed Areas 🏠 State Managed Areas 🐠 Aquaculture/Oysters 🏠 State Waters/County Line 🚤 USCG Sector Boundary
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Sector Mobile Area Committee

Fish and Wildlife Research Institute

0 0.5 1 1.5 2 Miles

Name: East Ship Island and Seagrass Beds

Site ID:

MS13-01

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

Site Description: Salt to brackish marsh, seagrass, beds (10' contour to shore), tidal creek inlets

GEOSPATIAL INFORMATION

Latitude (DMS): 30° 14' 28.772"

Longitude (DMS): 88° 53' 11.064"

County: Harrison

Latitude (DD): 30.241326

Longitude (DD): -88.886407

SCAT Division: Harrison County Division 5

ESI Map: MS-13

ESI Name: Ship Island, MS

NOAA Chart 11373_1

CHART Name MISSISSIPPI SND & APPROACHES DAUPHIN ISL TO CAT ISL

USGS Quad: 30088-B8

QUAD Name: Ship Island

Managed Area (if applicable): National Park Service

General Location: East Ship Island

CONTACT INFORMATION

Contacts: NPS-Gulf Islands National Seashore (Mississippi Main Office) 228-875-9057 or (Chief Ranger) 850-934-2615 or (24hr) 850-916-3010; Harrison County EOC 228-865-4002 or 228-323-6420 (Director); Mississippi State EOC 601-933-6875; MS SHPO 601-576-6940; NRC 800-424-8802; D-8 Duty NOAA SSC (24hr) 206-375-5697; DOI - Regional Environmental Officer 404-331-4524 or 404-852-5414

RESOURCES AT RISK INFORMATION

Shoreline Type: Fine Sandy beaches, Salt/brackish marsh**Habitat:** Sandy beaches, salt/brackish marsh, SAV**Wildlife:** Raptors, Shorebirds, Wading birds. Water fowl, Turtles, Snakes, Small Mammals, blue crab, shrimp, alligators, sea turtles, plovers, Gulls, Terns, possible Gulf Sturgeon (T)**Threaten/Endangered Species:** Peregrine Falcon, American Alligators, Sea Turtles (Leatherback, Green, Loggerhead, Kemp's Ridley), Plovers (Piping, Wilson's, Snowy),**Socio-Economic Resources:** recreational beach, ecotourism, archaeological sites (historic sites throughout)

RESPONSE CONSIDERATIONS

Staging Area Gulfport Boat Ramp (Shell Craft Harbor)**Collection Points:** on beach (if nesting is not present), offshore on-water collection**Area Access:** Boat, Helicopter**Spill Risk:** vessel transportation (fuel/oil)**Response Resources:** NPS tour boat

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 2**Average Current (KTS):** 0-3**Ease of Protection:** Hard**Min. Boom Length (FT):****Boom Type:** Hard, sorbent**Booming Method:** Deflection, Protection/Exclusion, Ensnarement**Protection Strategy:** Deploy exclusion boom across entrance to brackish/salt marshes and inlet mouth. Sorbent pads/boom may be necessary in affected areas to avoid damaging critical habitat. Deflection boom on east and west sides of East Ship Island to protect sea turtle and shorebird nesting habitat. Deploy diversion boom (especially during low tide) to keep contaminants away from seagrass beds.

Name: Swim Beach (South side of Ship Island)

Site ID:

MS13-02

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 30° 13' 17.723"

Longitude (DMS): 88° 54' 44.106"

County: Harrison

Latitude (DD): 30.221590

Longitude (DD): -88.912252

SCAT Division: Harrison County Division 5

ESI Map: MS-13

ESI Name: Ship Island, MS

NOAA Chart 11373_1

CHART Name MISSISSIPPI SND & APPROACHES DAUPHIN ISL TO CAT ISL

USGS Quad: 30088-B8

QUAD Name: Ship Island

Managed Area (if applicable): National Park Service Riley Hoggard, Gary Hopkins

General Location:

CONTACT INFORMATION

Contacts: NPS-Gulf Islands National Seashore (Mississippi Main Office) 228-875-9057 or (Chief Ranger) 850-934-2615 or (24hr) 850-916-3010; Harrison County EOC 228-865-4002 or 228-323-6420 (Director); Mississippi State EOC 601-933-6875; MS SHPO 601-576-6940; NRC 800-424-8802; D-8 Duty NOAA SSC (24hr) 206-375-5697; DOI - Regional Environmental Officer 404-331-4524 or 404-852-5414

RESOURCES AT RISK INFORMATION

Shoreline Type: Fine Sandy Beaches**Habitat:** Sandy beaches, tidal flats**Wildlife:** Wading Birds, Shore Birds, Raptors, small mammals, possible Gulf Sturgeon (T)**Threaten/Endangered Species:** American Alligator, Bald eagle, Peregrine Falcon, Kemps Ridley Sea Turtle, Leatherback Sea Turtle, Loggerhead Sea Turtle, Green Sea Turtle, Piping Plover, Snowy Plover

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area Singing River Yacht Club, USCG Singing River Island Ramp

Collection Points:

Area Access: Boat, Helicopter

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:** Unknown**Min. Boom Length (FT):****Boom Type:****Booming Method:** Deflection, Protection/Exclusion**Protection Strategy:** Deploy exclusion/diversion boom along shoreline to protect sensitive shoreline habitat (calm water only)

Name: West Ship Island and Brackish Marshes

Site ID:

MS13-03

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

Site Description: fresh to brackish marsh, seagrass, beds (10' contour to shore), swim beach (March-Nov) located 1/4 miles from park facilities.

GEOSPATIAL INFORMATION

Latitude (DMS): 30° 12' 35.604"

Longitude (DMS): 88° 58' 3.943" W

County: Harrison

Latitude (DD): 30.209890

Longitude (DD): -88.967762

SCAT Division: Harrison County Division 5

ESI Map: MS-13

ESI Name: Ship Island, MS

NOAA Chart 11373_1

CHART Name MISSISSIPPI SND & APPROACHES DAUPHIN ISL TO CAT ISL

USGS Quad: 30088-B8

QUAD Name: Ship Island

Managed Area (if applicable): National Park Service

General Location: West Ship Island

CONTACT INFORMATION

Contacts: NPS-Gulf Islands National Seashore (Mississippi Main Office) 228-875-9057 or (Chief Ranger) 850-934-2615 or (24hr) 850-916-3010; Harrison County EOC 228-865-4002 or 228-323-6420 (Director); Mississippi State EOC 601-933-6875; MS SHPO 601-576-6940; NRC 800-424-8802; D-8 Duty NOAA SSC (24hr) 206-375-5697; DOI - Regional Environmental Officer 404-331-4524 or 404-852-5414

RESOURCES AT RISK INFORMATION

Shoreline Type: Brackish Marshes, fine sandy beaches

Habitat: Fresh/brackish Marshes, sandy beaches, tidal flats, SAV

Wildlife: Raptors, Shorebirds, wading birds Waterfowl, Turtles, Snakes, Small Mammals, blue crab, shrimp, possible Gulf Sturgeon (T)

Threaten/Endangered Species: Peregrine Falcon, American Alligators, Sea Turtles (Leatherback, Green, Loggerhead, Kemp's Ridley), Plovers (Piping, Wilson's, Snowy),

Socio-Economic Resources: Recreational beach, ecotourism, archaeological sites (historic sites throughout)

RESPONSE CONSIDERATIONS

Staging Area Pass Christian Harbor, Gulfport Boat Ramp (Shell Craft Harbor)

Collection Points: on beach (if nesting is not present), offshore on-water collection

Area Access: Boat, Helicopter

Spill Risk: vessel transportation (fuel/oil)

Response Resources: NPS tour boat

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 2

Average Current (KTS): 0-3

Ease of Protection: Hard

Min. Boom Length (FT): 20,000

Boom Type: Hard, sorbent

Booming Method: Deflection, Protection/Exclusion, Ensnarement

Protection Strategy: Deploy diversion/exclusion boom along north/south shoreline of Island (during high tide) to prevent intrusion into marshes (calm water only). Protection boom on west end is for protecting colony shore birds during May-Sept. Place sorbent boom around Ft. Massachussetts on north side of island. Boom on east side of West Ship Island to protect nesting shorebirds. Contact NPS for operating vessels in shallow water and seagrass beds. Engine must be trimmed up and no sediment observed in prop wash.

