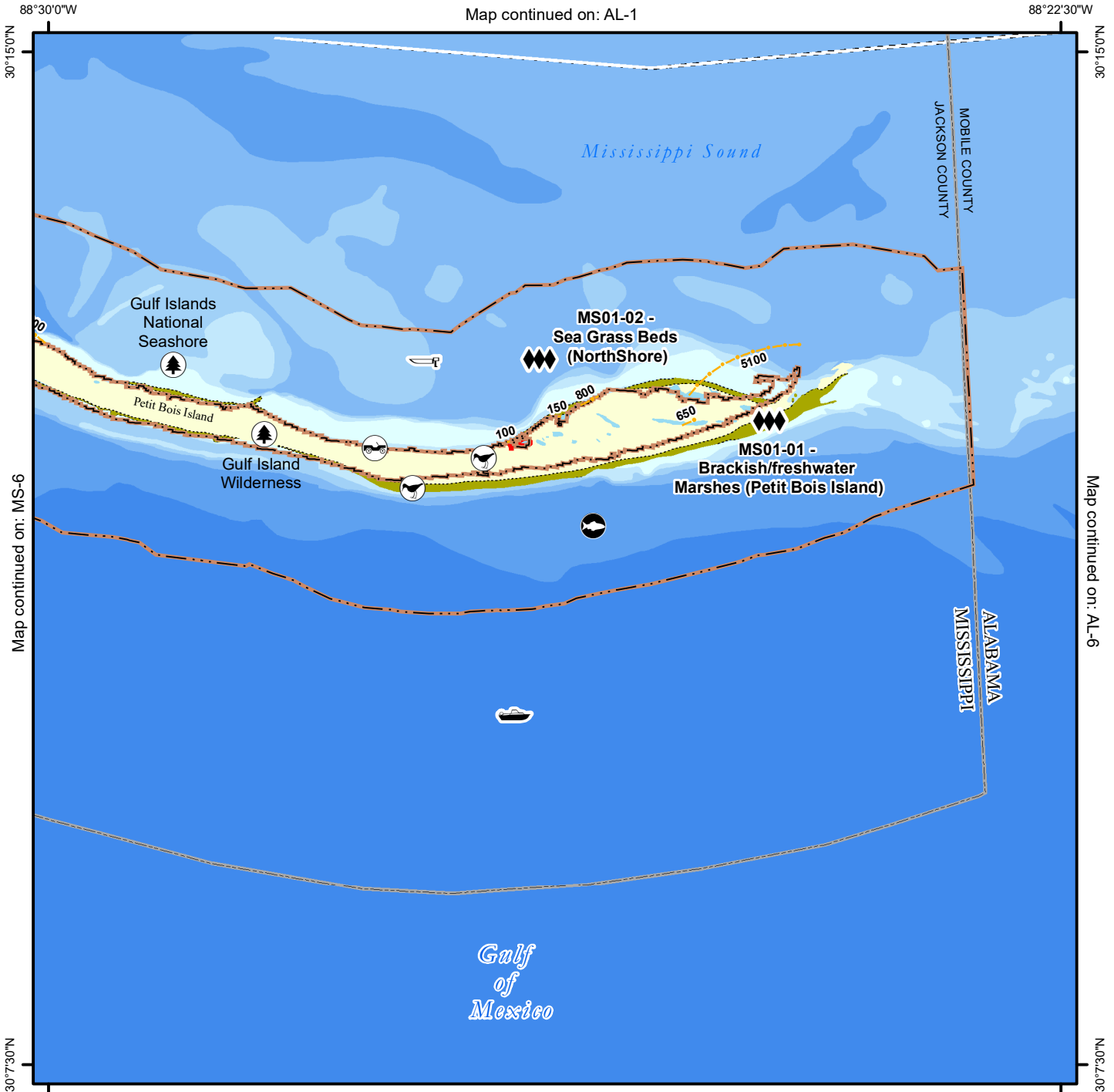


Geographic Response Strategies Map: MS-1

Map continued on: AL-1



Map continued on: MS-6

Map continued on: AL-6

Map continued on:

Environmentally Sensitive Areas ◆◆◆ A - Protect First ◆◆ B - Protect After A Areas ◆ C - Protect After B Areas Response Methods ▲ Collection Point ⚓ Shallow Water Skimmer ⚓ Skimmer ▲ Natural Collection Points 🏠 Incident Command Post Ⓢ Staging Areas Ⓡ Oil Spill Risk Location ⓔ Oil Spill Equipment Storage Location 📏 General Booming Strategy (Length in Feet)	Bio-Socioeconomic ✈️ Airport 🐟 Aquaculture 🌊 Aquatic Preserve/State Park 🏝️ Artificial Reef 🐭 Beach Mouse Habitat 🐻 Black Bear Habitat 🚤 Boat Ramp 🚢 Coast Guard	🤿 Diving 🐸 Flatwoods Salamander 🚁 Helipoint 🏖️ High Recreational Beach 🐬 Manatee ⚓ Marina 🌿 NERR ⚓ Naval Base 🦉 Panama City Crayfish	Ⓜ️ Port ⚡ Power Plant 🦎 Reptile Habitat of Concern 🐢 Sea Turtle Nesting 🐦 Shore Bird Habitat 🌊 Spring 🐟 Sturgeon 💧 Water Intake 🦉 Wildlife Refuge 💧 Water Intake	📏 10A: Salt and Brackish Water Marshes 🐚 Oysters/Aquaculture 🏠 State Managed Areas 🏠 Federal Managed Areas 🗺️ County Boundaries 🚢 USCG Sector AOR	🐟 Fish and Wildlife Research Institute 🇺🇸 US Coast Guard Sector Mobile 📏 Miles: 0.5 0.25 0 0.5 1 1.5 🗺️ Sector Mobile AOR 🗺️ Sector New Orleans AOR 🗺️ Sector St. Petersburg AOR
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Name: Brackish/freshwater Marshes (Petit Bois Island)

Site ID:

MS01-01

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

Site Description: Shoreline (very shallow) is mostly sand beach, marshes are along inlets and lagoons and interior. Federally designated wilderness

GEOSPATIAL INFORMATION

Latitude (DMS): 30° 12' 16.41580

Longitude (DMS): 088° 25' 01.6748

County: Jackson

Latitude (DD): 30.204560

Longitude (DD): -88.417132

SCAT Division: Jackson County Division 9

ESI Map: MS-1

ESI Name: Petit Bois Island, MS-Ala.

NOAA Chart: 11373_1

CHART Name: MISSISSIPPI SND & APPROACHES DAUPHIN ISL TO CAT ISL

USGS Quad: 30088-B4

QUAD Name: Petit Bois Island

Managed Area (if applicable): National Park Service (NPS)

General Location:

CONTACT INFORMATION

Contacts: NPS-Gulf Islands National Seashore (Mississippi Main Office/Superintendent) 228-875-9057; Mississippi State EOC 601-933-6875; Jackson County EMA (Director) 288-769-3111 or 228-217-0536; 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/Salt Marshes, Sand Beach

Habitat: Salt/brackish marsh

Wildlife: Raccoon, Marsh rice rat, River otter, Dolphin, Black skimmer, plovers, Bonapart's gull, Brown pelican, waterfowl, Terns, loons, Cormorant, terns, N. Gannet, Sanderlings, Willet, Scoters, Atl brief squid, Blue crab, Brown white pink, grass shrimp. Sand dollar, hermit crab, Green water snake, Atl croaker, stingray, spadefish, sturgeon, thread herring, Banded drum, bay anchy and whiff, searobin, black drum, Blue runner, bluefish, flounder, cusk-eel, crevalle jack, goby, pompano, Gafftopsail catfish Snappers, killifish, kingfish, Harvestfish, catfish, baitfish, pigfish, sheepshead minnow, silver perch, silver seatrout, skilletfish, skipjack herring, hakes, sardine, mojarra, striped mullet, tarpon, white mullet, sharks

Threaten/Endangered Species: Peregrine Falcon, Bald Eagle, Brown pelican, Least tern, Piping plover, American alligator, Hawksbill, Kemp's ridley, Leatherback and Loggerhead sea turtle, Gulf sturgeon

Socio-Economic Resources: Archaeological Sites, Spoil bank Coastal Preserve, Petit Bois Island Coastal preserve, Gulf Islands National Shoreline

RESPONSE CONSIDERATIONS

Staging Area: Singing River Yacht club, USCG Singing River Island Ramp

Collection Points: Skimming (Gulf)

Area Access: Boat, Helicopter

Spill Risk: Commercial vessel, refinery, shipping channel

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection: Hard

Min. Boom Length (FT):

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: Exclusion boom (deflective and sorbent) at mouth of inlets and at east and west at Petit Bois Island (3 on north shore) and outfall on south shore. Contact NPS- Gulf Island national seashore for guidance. NPS - vessel operations standards. See annex NPS.



Name: Sea Grass Beds (NorthShore)

Site ID:

MS01-02

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

Site Description: Inside 10 foot contour

GEOSPATIAL INFORMATION

Latitude (DMS): 30° 12' 43.34155

Longitude (DMS): 088° 26' 21.9275

County: Jackson

Latitude (DD): 30.212039

Longitude (DD): -88.439424

SCAT Division: Jackson County Division 9

ESI Map: MS-1

ESI Name: Petit Bois Island, MS-Ala.

NOAA Chart: 11373_1

CHART Name: MISSISSIPPI SND & APPROACHES DAUPHIN ISL TO CAT ISL

USGS Quad: 30088-B4

QUAD Name: Petit Bois Island

Managed Area (if applicable): National Park Service

General Location:

CONTACT INFORMATION

Contacts: NPS-Gulf Islands National Seashore (Mississippi Main Office) 228-875-9057; 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: Sea grass beds, Submerged aquatic vegetation

Habitat: Seagrass

Wildlife: Raccoon, Marsh rice rat, River otter, Dolphin, Black skimmer, plovers, Bonapart's gull, Brown pelican, waterfowl, Terns, loons, Cormorant, terns, N. Gannet, Sanderlings, Willet, Scoters, Atl brief squid, Blue crab, Brown white pink, grass shrimp. Sand dollar, hermit crab, Green water snake, Atl croaker, stingray, spadefish, sturgeon, thread herring, Banded drum, bay anchovy and whiff, searobin, black drum, Blue runner, bluefish, flounder, cusk-eel, crevalle jack, goby, pompano, Gafftopsail catfish Snappers, killifish, kingfish, Harvestfish, catfish, baitfish, pigfish, sheepshead minnow, silver perch, silver seatrout, skillettfish, skipjack herring, hakes, sardine, mojarra, striped mullet, tarpon, white mullet.

Threaten/Endangered Species: Peregrine Falcon, Bald Eagle, Brown pelican, Least tern, Piping plover, American alligator, Hawksbill, Kemp's ridley, Leatherback and Loggerhead sea turtle, Gulf sturgeon

Socio-Economic Resources: Spoil bank Coastal Preserve, Petit Bois Island Coastal preserve, Gulf Islands National Shoreline

RESPONSE CONSIDERATIONS

Staging Area: Singing River Yacht club, USCG Singing River Island Ramp

Collection Points: Shallow water skimmer

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: Diversion

Booming Method: Deflection

Protection Strategy: Contact NPS-GINS for guidance of boom and anchoring deployment. See NPS annex for vessel of operations standards.

