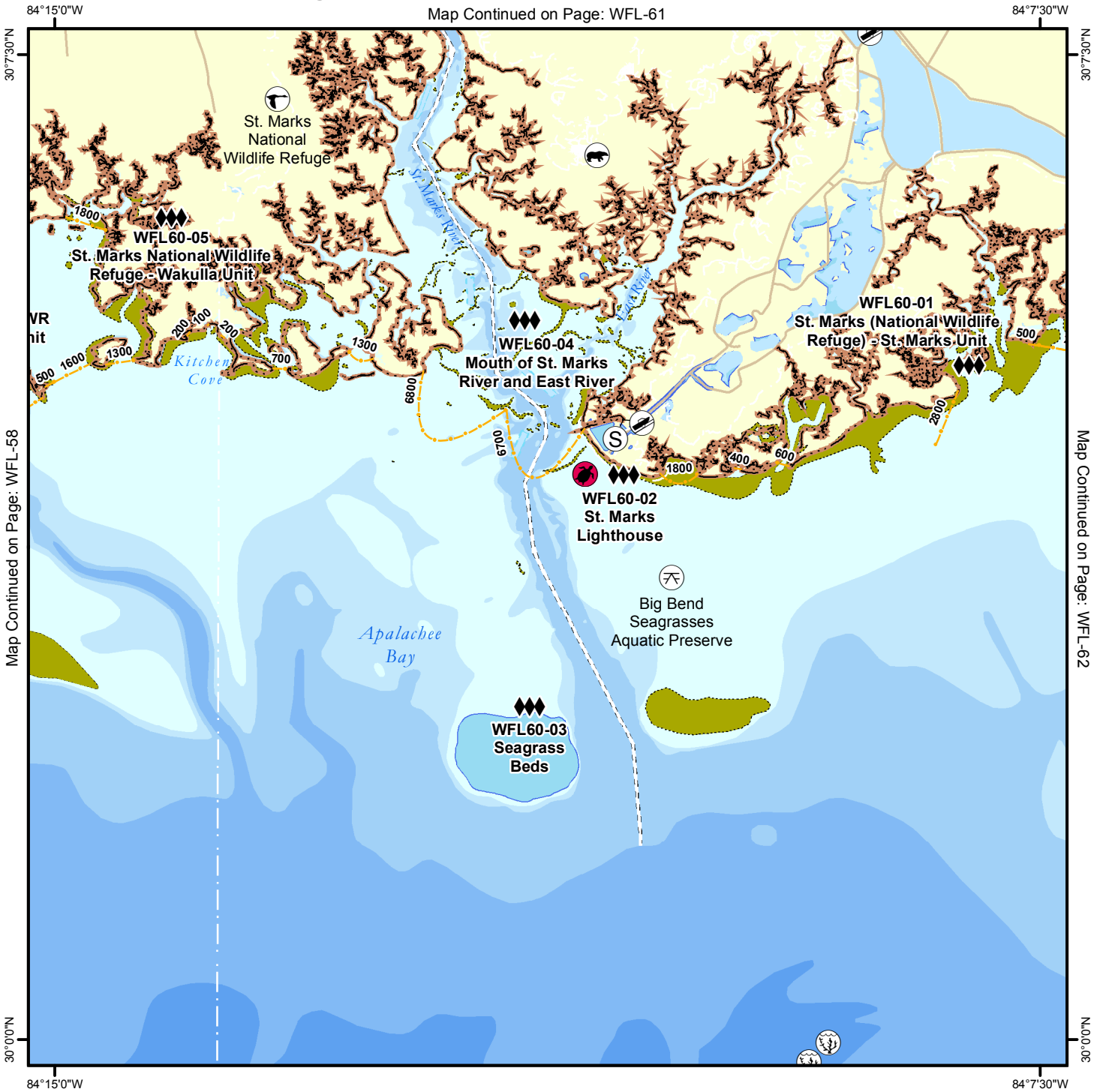


Geographic Response Plan Map: WFL-60

Map Continued on Page: WFL-61



Map Continued on Page: WFL-58

Map Continued on Page: WFL-62

<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 🚁 Helicopter 🏖 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

Name: St. Marks (National Wildlife Refuge) - St. Marks Unit

Site ID: WFL60-01

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

Site Description: Purdon Power Plant

GEOSPATIAL INFORMATION

Latitude (DMS): 30° 5' 7.842" N	Longitude (DMS): 84° 8' 2.613" W	County: Wakulla
Latitude (DD): 30.085512	Longitude (DD): -84.134059	SCAT Division: Wakulla County Division 2
ESI Map: WFL-60	ESI Name: Sprague Island, Fla.	
NOAA Chart: 11405_1	CHART Name: APALACHEE BAY	
USGS Quad: 30084-A2	QUAD Name: Sprague Island	

Managed Area (if applicable):

General Location: Apalachicola Division of Sector

CONTACT INFORMATION

Contacts: Wakulla DEM (Director) 850-745-7200; FWC Law Enforcement 850-697-2298 or 850-251-7247 (cell); USFWS St.Marks NWR 850-925-6121; NRC 800-424-8802; FL State Watch Office 800-320-0519; FWC Non-Game Biologist 850-265-3676; DEP-OER 850-245-2873; 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: Seagrass, exposed marsh, tidal rivers, oyster bars, sheltered marsh

Habitat: Salt marsh, St.Marks River, hardwood swamps, freshwater marsh, seagrass beds

Wildlife: Blue & Stne Crab, Pnk, Wht, & Brwn Shrimp, Oysters, Clams, Scallops, Seagrass, Bald Eagle, Egrets, Herons, Terns(T), Plovers(T), Oystercatchers, FL Blk Bear (T), Kemp's Ridley(E), Green(E), Loggerhead(T), Leatherback(E) Sea Turtles

Threaten/Endangered Species: Bld Eagle(T), Terns(T), Plovers(T), FL Blk Bear(T), Sea Turtles (Kemp's Ridley, Green, Loggerhead, Leatherback)

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area St.Marks Public Boat Ramp, St Marks National Wildlife Refuge (@ Lighthouse), Aucilla landing- Fort Marcos marina, Shields marina

Collection Points:

Area Access: Boat, Vehicle access CR 59

Spill Risk: Recreational, Barge to St.Marks/Tanks @ St.Marks Purdon power plant.

Response Resources: <1-2

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 2.3	Average Current (KTS):	Ease of Protection: Unknown
Min. Boom Length (FT): 2,750	Boom Type:	Booming Method: Protection/Exclusion

Protection Strategy: Protect creeks and rivers.



Name: St. Marks Lighthouse

Site ID: WFL60-02

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

Site Description: Best Collection site for general area

GEOSPATIAL INFORMATION

Latitude (DMS): 30° 4' 18.744" N	Longitude (DMS): 84° 10' 47.609"	County: Wakulla
Latitude (DD): 30.071873	Longitude (DD): -84.179892	SCAT Division: Wakulla County Division 2
ESI Map: WFL-60	ESI Name: Sprague Island, Fla.	
NOAA Chart: 11406_2	CHART Name: ST MARKS RIVER AND APPROACHES	
USGS Quad: 30084-A2	QUAD Name: Sprague Island	

Managed Area (if applicable): St Marks NWR

General Location: Apalachicola Division of Sector

CONTACT INFORMATION

Contacts: Wakulla DEM (Director) 850-745-7200; FWC Law Enforcement 850-697-2298 or 850-251-7247 (cell) or 850-488-4676; FWC Wildlife Alert Hotline 1-888-404-3922; USFWS St.Marks NWR 850-925-6121; FL State Watch Office 800-320-0519; FWC Non-Game Biologist 850-265-3676; DEP-OER 850-245-2873; 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: Submerged aquatic vegetation, exposed and sheltered tidal creeks and rivers, marshes, oyster bars

Habitat: Hardwood swamps, St.Marks NWR-marshes, fresh water/saltwater, seagrass beds.

Wildlife: Blue & Stne Crab, Pnk, Wht, & Brwn Shrimp, Oysters, Clams, Scallops, Seagrass, Bald Eagle, Egrets, Herons, Terns(T), Plovers(T), Oystercatchers, FL Blk Bear (T), Sea Turtles, Osprey, Horseshoecrabs, wading birds

Threaten/Endangered Species: Bld Eagle(T), Terns(T), Plovers(T), FL Blk Bear(T), Kemp's Ridley(E), Green(E), Loggerhead(T), Leatherback(E)

Socio-Economic Resources: Lighthouse historic site, tourist, commercial and recreational fishing

RESPONSE CONSIDERATIONS

Staging Area: St.Marks Public Boat Ramp, St Marks National Wildlife Refuge (@ Lighthouse), Aucilla Landing, Shields Marina, Fort San Marcos Marina

Collection Points: St Marks

Area Access: Boats or by vehicle via CR59

Spill Risk: Recreational, Barges to St.marks/Tanks @ St.Marks Purdon power plant.

Response Resources: MAX CURRENT: < 1-2

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 2.3	Average Current (KTS):	Ease of Protection: Unknown
Min. Boom Length (FT): 1,800	Boom Type:	Booming Method: Protection/Exclusion

Protection Strategy: Protect lighthouse for socio-economic purposes.



Name: Seagrass Beds

Site ID:

WFL60-03

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 30° 2' 31.913" N

Longitude (DMS): 84° 11' 23.254"

County: Wakulla

Latitude (DD): 30.042198

Longitude (DD): -84.189793

SCAT Division: Wakulla County Division 2

ESI Map: WFL-60

ESI Name: Sprague Island, Fla.

NOAA Chart 11406_2

CHART Name: ST MARKS RIVER AND APPROACHES

USGS Quad: 30084-A2

QUAD Name: Sprague Island

Managed Area (if applicable):

General Location: Apalachicola Division of Sector

CONTACT INFORMATION

Contacts: Wakulla DEM (Director) 850-745-7200; FWC Law Enforcement 850-697-2298 or 850-251-7247 (cell); USFWS St.Marks NWR 850-925-6121; FWC Wildlife Alert Hotline 1-888-404-3922; NRC 800-424-8802; FL State Watch Office 800-320-0519; FWC Non-Game Biologist 850-265-3676; DEP-OER 850-245-2873; 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: Seagrass Beds

Habitat: Seagrass

Wildlife: Blue & Stne Crab, Pnk, Wht, & Brwn Shrimp, Oysters, Clams, Scallops, Seagrass, Bald Eagle, Egrets, Herons, Terns(T), Plovers(T), Oystercatchers, FL Blk Bear (T), Sea Turtles, Manatees, Fish, Dolphins

Threaten/Endangered Species: Terns(T), Plovers(T), Kemp's Ridley(E), Green(E), Loggerhead(T), Leatherback(E)

Socio-Economic Resources: Recreational and commercial fishing

RESPONSE CONSIDERATIONS

Staging Area St.Marks Public Boat Ramp, St Marks National Wildlife Refuge (@ Lighthouse), Fort San Marcos landings, Shields marina.

Collection Points: Shallow Water Skimming

Area Access: Boats or via St.Marks lighthouse off CR59

Spill Risk: Recreational- Barge traffic to St.Marks- Tanks in St.Marks Purdon power plant.

Response Resources: MAX CURRENT: <1-2

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 2.3

Average Current (KTS):

Ease of Protection: Unknown

Min. Boom Length (FT):

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: See Big Bend Seagrass Area (Offshore)



Name: Mouth of St. Marks River and East River

Site ID:

WFL60-04

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 30° 5' 13.196" N

Longitude (DMS): 84° 11' 25.741"

County: Wakulla

Latitude (DD): 30.086999

Longitude (DD): -84.190484

SCAT Division: Wakulla County Division 2

ESI Map: WFL-60

ESI Name: Sprague Island, Fla.

NOAA Chart: 11406_2

CHART Name: ST MARKS RIVER AND APPROACHES

USGS Quad: 30084-A2

QUAD Name: Sprague Island

Managed Area (if applicable):

General Location: Mouth of St. Marks River and East River

CONTACT INFORMATION

Contacts: Wakulla DEM (Director) 850-745-7200; FWC Law Enforcement 850-697-2298 or 850-251-7247 (cell); USFWS St.Marks NWR 850-925-6121; FWC Regional Biologist (John Himes) 850-767-3623; NRC 800-424-8802; FL State Watch Office 800-320-0519; FWC Non-Game Biologist 850-265-3676; DEP-OER 850-245-2873; 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: Salt and Brackish Marsh

Habitat: Salt Marsh, oysters bars, seagrass

Wildlife: Manatees, oysters, shellfish, shorebirds, wading birds, gulf sturgeon

Threaten/Endangered Species: Manatees, Gulf Sturgeon

Socio-Economic Resources: Recreational and commercial fishing

RESPONSE CONSIDERATIONS

Staging Area: St.Marks Public Boat Ramp, St Marks National Wildlife Refuge (@ Lighthouse),

Collection Points:

Area Access: Boat, vehicle

Spill Risk: Barge

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT):

Boom Type:

Booming Method:

Protection Strategy:



Name: St. Marks National Wildlife Refuge - Wakulla Unit

Site ID:

WFL60-05

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 30° 6' 15.558" N

Longitude (DMS): 84° 14' 6.771" W

County: Wakulla

Latitude (DD): 30.104322

Longitude (DD): -84.235214

SCAT Division: Wakulla County Division 2

ESI Map: WFL-60

ESI Name: Sprague Island, Fla.

NOAA Chart: 11405_1

CHART Name: APALACHEE BAY

USGS Quad: 30084-A2

QUAD Name: Sprague Island

Managed Area (if applicable): St Marks NWR

General Location: St Marks River to Live Oak Island includes Shepard John's Island and Patty's Island Springs

CONTACT INFORMATION

Contacts: Wakulla DEM (Director) 850-745-7200; FWC Law Enforcement 850-697-2298 or 850-251-7247 (cell); USFWS St.Marks NWR 850-925-6121; NRC 800-424-8802; FL State Watch Office 800-320-0519; FWC Non-Game Biologist 850-265-3676; DEP-OER 850-245-2873; 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: Salt and Brackish Water Marsh**Habitat:** Salt and brackish water marsh**Wildlife:** Brown Pelican, White Pelican (Winter), Whooping Crane, Manatee, dolphin, Gulf Sturgeon, sea turtles, shorebirds, wading birds, diving birds, water birds, Bird nesting area on John's and Patty's Island**Threaten/Endangered Species:****Socio-Economic Resources:** Commercial and recreational fishing, tourist

RESPONSE CONSIDERATIONS

Staging Area St.Marks Public Boat Ramp, St Marks National Wildlife Refuge (@ Lighthouse), Sheild Marine**Collection Points:****Area Access:****Spill Risk:** Vessels**Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):****Boom Type:****Booming Method:****Protection Strategy:** 11,000' of exclusion boom from Live Oak point to Patty's Island to John's Island to main land (going east). Exclusion boom at mouth Sheperds, Spring and Manslar Creek (4000 ft). Exclusion boom 3,900' across mouth of Goose Creek Bay.

Facility Name: St Marks National Wildlife Refuge

Site ID: WK10020IK

Data Collector (Agency): State of Florida

Survey Type: Planning

Survey Date: 2008-03-13 00:00

Managing Agency: United States Fish and Wildlife Service

General Manager/Contact Person: chris weber

Contact Phone #: terry peacock

SCAT Description: Wakulla County Division 2

Physical Address: Lighthouse Road (County Road 59)

City: St Marks

State: Florida

Zip Code 32355

County: Wakulla

GEOSPATIAL INFORMATION

Latitude (DMS): 30° 4' 42.892" N

Longitude (DMS): 84° 10' 40.598" W

Latitude (DD): 30.07858097

Longitude (DD): -84.17794395

SITE DESCRIPTION

Site Type: Staging Area; Boat Ramp

Access: Government Owned for General Public Use

Operational Status: Open For Business

Scale of Staging Area:

Hours of Operation: 6:00 AM to 9:00 PM

Days of Operation: Open regular schedule, ie. M - F, 8a - 5p

Water Type: Saltwater

Water Body Name: Apalachee Bay / Gulf of Mexico

Boat Launch Capability: RAMP - Boats OVER 25 FT

Number of Boat Ramps: 1

Number of Boat Ramp Lanes: 2

Number of Boat Slips: 0

Number of Moorings: 1

Boat Ramp Surface Composition: Poured in place concrete Pre-cast concrete sl

Water Depth at End of Boat Ramp: 6 - 8 feet

Wave Energy at Site: Low

Shoreline Type in Viewable Viscinity: Rip-Rap; Soft Stem Veg.

Access Constraints: No Access Constraints

Crane Capabilities: Suitable for large crane

Collection Point Capabilities:

Parking Capacity for Trailers: 34

Parking Capacity for Cars: 5

Parking Lot Dimensions:

Parking Surface: Asphalt

Capable for Light or Heavy Equipment and Type:

Boom Available On-Site and Length:

ADDITIONAL AMMENITIES

Fuels Available: No Fuel

Propane or Natural Gas Available

Water Available: No Water

Fire Hydrant:

Pumpout Available: No Pumpout

Bathrooms Available: None

Electricity Amperage Available: No Electricity Available

Camping Facilities:

Food Available: None; Food Available (1-5 mi.)

Security Available and Hours On Duty:

GENERAL INFORMATION AND COMMENTS

Special/Pre-Planned Events and Dates:

Comments: 03/20/2012 2:34 PM---Bill.Sargent-----No Airboats / No PWC's per Refuge Rules.-----Flush toilets are available at the picnic grounds on Lighthouse road a short distance back towards the Refuge entrance.

Photo URL: http://ocean.floridamarine.org/waterphotos/ramp_photos/photo_id/1716/index.htm

