

Aransas National Wildlife Refuge

Site Specific Response Plan

Prepared by

United States Fish and Wildlife
United States Coast Guard
Texas Parks and Wildlife
Texas General Land Office

Description

The Aransas National Wildlife Refuge (NWR) comprises a total of 115,240 acres of wildlife habitat in Aransas, Calhoun, and Refugio Counties, along the Texas Coastal Bend. The beaches and tidal marshes of Aransas NWR contain sensitive habitat for birds, marine turtle and various threatened, endangered and sensitive species, including the critically endangered whooping crane (*Grus americana*).

Aransas NWR is composed of five management units: Blackjack Peninsula, Matagorda Island, Tatton, Lamar, and Myrtle-Foester Whitmire. There are various sensitive areas where extreme care must be exercised during response activities.

This plan is intended to serve as a preliminary guide for oil spill responders if a spill threatens refuge lands and wildlife. Response and trustee agencies, in most cases will be the first responders to an incident in this area.

Response Procedures

1. Cease all non-essential work. If the number of available personnel permits, assign one to make telephone notifications while other personnel immediately identify incident specific response priorities (#3). If only one staff member is available, begin with notification procedures in the order listed (prioritize notifications).
2. Make necessary notifications (numbers for cooperating response agencies, contractors, and stakeholders. Do not include “courtesy” calls. Use position titles and established phone numbers, not individual names).
 - **National Response Center – (800) 424-8802**
 - **Texas Emergency Spill Reporting Center – (800) 832-8224**
 - **TPWD 24-hr Austin Communications – (512) 389-4848**
- le.communications@tpwd.texas.gov
 - USFW-Aransas NWR - 361-649-4427
3. Determine incident specific priority protection areas (prioritize developed Geographic Response Plans in ICS 204 format).
4. Mobilize equipment, manpower, and resources available to implement spill response as outlined in developed ICS 204s.
5. Respond (secure the source, contain, recover).

Booming Strategies

- More specific strategy information for the different areas of the Refuge can be found in the area specific sections below.
- Best management practices will be employed through coordination with natural resource agencies and Section 7 consultation.
- Flight operations either helicopter or fixed wing may be limited if the spill occurs when whooping cranes are present (October 15 to April 15).
- Please refer to the Environmental Sensitivity Index maps on the GLO Toolkit for priority protection areas and threatened species concerns.

Response considerations:

- Under light oiling, the best practice is to let the area recover naturally.
- Heavy accumulations of pooled oil can be removed by vacuum, sorbents, or low-pressure flushing. During flushing, care must be taken to prevent transporting oil to sensitive areas down slope or along shore.
- Cleanup activities should be carefully supervised to avoid vegetation damage. Best Management Practices are discussed in the South Texas Coastal Zone Area Contingency Plan Attachment 5 – Texas Coast Sensitive Habitat Plan. The methodologies and procedures found in section 5 of this document must be implemented during any spill response.
- Any cleanup activity must not mix the oil deeper into the sediment. Trampling of the roots must be minimized.
- Cutting of oiled vegetation should only be considered when other resources are at great risk from leaving oiled vegetation in place.

Available Resources and Equipment

- TGLO Refuge Trailer
 - Location / 1 Wildlife Cir, Austwell, TX 77950
 - Contact: Brent Koza
 - Phone Number: (361) 886-1650
 - 700 ft. of response boom and assorted absorbents.
- TGLO Region 3 Response Trailer
 - Location / 1830 N. Lexington Avenue, Corpus Christi TX, 78409
 - Contact: Brent Koza
 - Phone Number: (361) 886-1650
 - 1000 ft. of response boom and 300 ft. of Expandi-boom.
- TGLO Region 5 Response Trailer
 - Location / 414 Travis St, Port Lavaca, TX 77979
 - Contact: Tony Belton
 - Phone Number: (361) 552-8081
 - 1000 ft. of response boom, 300 ft. of Expandi-boom, Drum skimmer and Fast Tank.

List of Discharge Cleanup Organizations in the area:

- Miller Environmental Services, Inc.
 - 401 Navigation Boulevard, Corpus Christi, TX 78408
 - (361) 289-9800

- CTI Response Services
 - 3004 W Adams Ave., Port O'Connor, TX 77982
 - (832) 934-1221
- Horizon Environmental
 - 3307 US Hwy 59, Victoria, TX 77901
 - (361) 573-7400

Additional information:

- USFWS Best Management Practices for habitat types
- NOAA Shoreline Assessment Manual
- NOAA Characteristics of Coastal Habitats (Choosing Spill Response Alternatives)
- TPWD Best Management Practices on other sources:
 - https://tpwd.texas.gov/huntwild/wild/wildlife_diversity/habitat_assessment/tools.phtml
- Oil Spills in Marshes (Planning & Response Considerations) 2013, NOAA
 - Table 3-4. Guidance on selecting appropriate response options for oiled marshes.
- Refer to GLO toolkit and specific atlas pages for resources at risk (web links and attach hardcopies when applicable)

Blackjack Peninsula

Booming Strategies

Boom placement and techniques will vary based on location of the spill, type of material that is spilled and onsite weather. Very different strategies could be used in the 19 areas identified around Blackjack Peninsula. For some of the smaller cuts, it would be practical to use exclusion booming. At the larger cuts and where strong currents move along the Intracoastal Waterway, (ICWW), stronger anchored deflection boom should be used. The Geographic Response Plans (GRPs) located in the Texas General Land Office's Oil Spill Toolkit that can be accessed online at www.glo.texas.gov/ost/ should be utilized for more specific information about the different areas along the Blackjack Peninsula that need to be protected.

Staging areas

1. Name: **Aransas NWR headquarters**

- Location / Address: **1 Wildlife Cir, Austwell, TX 77950**
- Closest Boat Ramp: **N/A**
- Distance from Boat Ramp: **N/A**
- Directions from Sector: **Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to Aransas NWR HQ. There are Refuge road signs that can be followed.**
- Water Depth at Bulkhead: **N/A**
- TGLO Atlas Number: **155**
- Heliport on Site: **No**
- Phone on Site: **Yes**
- Internet on Site: **No**
- Radio on Site: **No**
- On Site Power: **Yes**
- On Site Water: **Yes**
- Gated: **Yes**
- Tidal Influence: **N/A**
- Size of Area: **0.2 acres**

2. Name: **Aransas NWR Boat Basin**

- Location / Address: **1 Wildlife Cir, Austwell, TX 77950**
- Closest Boat Ramp: **N/A**
- Distance from Boat Ramp: **N/A**

- Directions from Sector: **Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to Aransas NWR HQ. There are Refuge road signs that can be followed.**
- Water Depth at Bulkhead: **N/A**
- TGLO Atlas Number: **163**
- Heliport on Site: **No**
- Phone on Site: **No**
- Internet on Site: **No**
- Radio on Site: **No**
- On Site Power: **Yes**
- On Site Water: **Yes**
- Gated: **No**
- Tidal Influence: **N/A**
- Size of Area: **0.25 acres**

Access Routes

Blackjack Peninsula has a public use area where vehicle access is permitted on a 16-mile paved road. Tour Loop Road allows for 2-way traffic from the Aransas NWR headquarters to the Observation Tower for 4 miles. The portion of Tour Loop Road beyond the Observation Tower turns into primarily a single lane. There are two routes from Tour Loop Road that provide access to the Aransas Boat Basin. The route used is dependent upon seasonal timing of visitor use. Coordination with USFWS is necessary prior to utilization of this facility. Docking station can accommodate up to three vessels. Travel to the Aransas Boat Basin from the headquarters can take up to 25 minutes depending on the route.

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch			4. Division/Group		
5. Operations Personnel		Name		Affiliation	
Operations Section Chief		_____		_____	
Branch Director		_____		_____	
Division/Group Supervisor		_____		_____	
6. Resources Assigned This Period				"X" indicates 204a attachment with special instructions	
Resource Identifier	Leader	Contact Info #	# or Persons	Reporting info/Notes/Remarks	
7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
163-E	Mesquite Bay	11315	163	Aransas	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula eastern shore, Salt marsh, wetlands, and un-vegetated areas.				28 10' 32" N	
				15. Longitude	
				96 51' 33" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin		4.25 miles		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		125 yds	
USCG Duty 361-533-0087				25. Water depth	
TGLO-R3 361-687-6220					
TCEQ 361-825-3100		Environmental:			
RCC 361-242-3113		High		26. Current Medium	
TPWD 512-389-4848		Economic:			
NRDA 512-426-7291				27. # of Personnel	
USFWS 281-667-2088				4	
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
					
29. Prepared By:		30. Reviewed by (PSC):		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Project Updated:	

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other pertinent considerations."

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Division/Group Supervisor		_____		_____	
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7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
163-F	Mesquite Bay	11315	163	Aransas	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula eastern shore, Salt marsh, wetlands, and un-vegetated areas.				28 11' 20" N	
				15. Longitude	
				96 51' 5" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin		4.25 miles		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		40 yrds	
USCG Duty 361-533-0087				25. Water depth	
TGLO R3 361-687-6220					
TCEQ 361-825-3100		Environmental:		26. Current Slow	
RCC 361-242-3113		High			
TPWD 512-389-4848		Economic:		27. # of Personnel	
NRDA 512-426-7291				4	
USFWS 281-667-2088					
28. Booming Strategy Recommendation					
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Branch Director		_____		_____	
Division/Group Supervisor		_____		_____	
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7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
163-G	Mesquite Bay	11315	163	Aransas	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula eastern shore, Salt marsh, wetlands, and un-vegetated areas.				28 11' 17" N	
				15. Longitude	
				96 50' 30" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin		4.25 miles		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		80 yrds	
USCG Duty 361-533-0087				25. Water depth	
TGLO R3 361-687-6220					
TCEQ 361-825-3100		Environmental:		26. Current Medium	
RCC 361-242-3113		High			
TPWD 512-389-4848		Economic:		27. # of Personnel	
NRDA 512-426-7291				4	
USFWS 281-667-2088					
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
					
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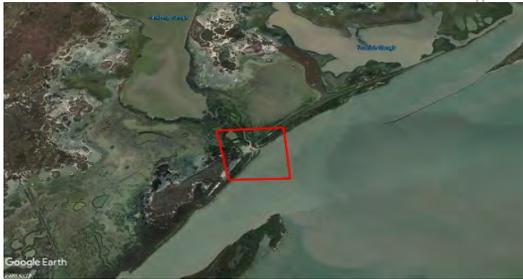
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7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
163-H	Mesquite Bay	11315	163	Aransas	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula eastern shore, Salt marsh, wetlands, and un-vegetated areas.				28 12' 5" N	
				15. Longitude	
				96 49' 38" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin		3 miles		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		90 yrds	
USCG Duty 361-533-0087				25. Water depth	
TGLO R3 361-687-6220					
TCEQ 361-825-3100		Environmental:			
RCC 361-242-3113		High		26. Current Medium	
TPWD 512-389-4848		Economic:			
NRDA 512-426-7291				27. # of Personnel	
USFWS 281-667-2088				4	
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
					
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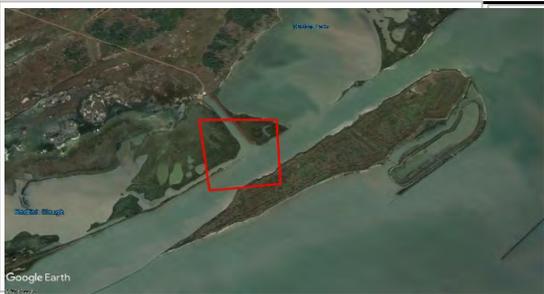
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5. Operations Personnel		Name		Affiliation	
Operations Section Chief		_____		_____	
Branch Director		_____		_____	
Division/Group Supervisor		_____		_____	
6. Resources Assigned This Period				"X" indicates 204a attachment with special instructions	
Resource Identifier	Leader	Contact Info #	# or Persons	Reporting info/Notes/Remarks	
7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
163-I	Mesquite Bay	11315	163	Aransas	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula eastern shore, Salt marsh, wetlands, and un-vegetated areas.				28 12' 39" N	
				15. Longitude	
				96 49' 9" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin		2.25 miles		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		105 ft	
USCG Duty 361-533-0087				25. Water depth	
TGLO R3 361-687-6220					
TCEQ 361-825-3100		Environmental:			
RCC 361-242-3113		High		26. Current Medium	
TPWD 512-389-4848		Economic:			
NRDA 512-426-7291				27. # of Personnel	
USFWS 281-667-2088				4	
28. Booming Strategy Recommendation					
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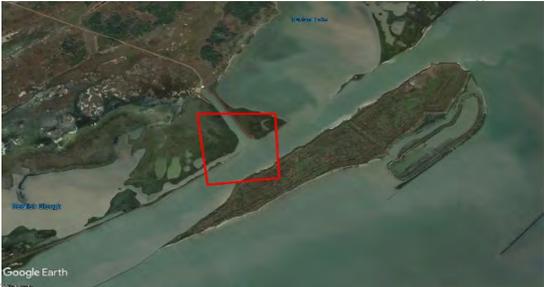
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3. Branch			4. Division/Group		
5. Operations Personnel		Name		Affiliation	
Operations Section Chief		_____		_____	
Branch Director		_____		_____	
Division/Group Supervisor		_____		_____	
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Resource Identifier	Leader	Contact Info #	# or Persons	Reporting info/Notes/Remarks	
7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
163-J	Mesquite Bay	11315	163	Aransas	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula, Salt marsh, wetlands, and un-vegetated areas.				28 13' 2" N	
				15. Longitude	
				96 48' 48" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin		1.5 miles		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		45 ft	
USCG Duty 361-533-0087				25. Water depth	
TGLO R3 361-687-6220				0-3 ft	
TCEQ 361-825-3100		Environmental:		26. Current slow	
RCC 361-242-3113		High		27. # of Personnel	
TPWD 512-389-4848		Economic:		4	
NRDA 512-426-7291					
USFWS 281-667-2088					
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
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7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
163-K	Mesquite Bay	11315	163	Calhoun	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula, Salt marsh, wetlands, and un-vegetated areas.				28 13' 39" N	
				15. Longitude	
				96 47' 48" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin				Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		65 ft	
USCG Duty 361-533-0087				25. Water depth	
TGLO R5 361-552-7984				0-3 ft	
TCEQ 361-825-3100		Environmental:		26. Current Medium	
RCC 361-242-3113		High			
TPWD 512-389-4848		Economic:		27. # of Personnel	
NRDA 512-426-7291				4	
USFWS 281-667-2088					
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7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
163-L	Mesquite Bay	11315	163	Calhoun	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula, Salt marsh, wetlands, and un-vegetated areas.				28 13' 41" N	
				15. Longitude	
				96 47' 47" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin				Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
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				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		60 yds	
USCG Duty 361-533-0087				25. Water depth	
TGLO R5 361-552-7984					
TCEQ 361-825-3100		Environmental:			
RCC 361-242-3113		High		26. Current Medium	
TPWD 512-389-4848		Economic:			
NRDA 512-426-7291				27. # of Personnel	
USFWS 281-667-2088				4	
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
					
29. Prepared By:		30. Reviewed by (PSC):		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Project Updated:	

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other pertinent considerations."

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch			4. Division/Group		
5. Operations Personnel		Name		Affiliation	
Operations Section Chief		_____		_____	
Branch Director		_____		_____	
Division/Group Supervisor		_____		_____	
6. Resources Assigned This Period				"X" indicates 204a attachment with special instructions	
Resource Identifier	Leader	Contact Info #	# or Persons	Reporting info/Notes/Remarks	
7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
163-M	Mesquite Bay	11315	163	Calhoun	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula, Salt marsh, wetlands, and un-vegetated areas.				28 13' 49" N	
				15. Longitude	
				96 47' 33" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin		.5 NM		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		365 yds	
USCG Duty 361-533-0087				25. Water depth	
TGLO R5 361-552-7984					
TCEQ 361-825-3100		Environmental:			
RCC 361-242-3113		High		26. Current Medium	
TPWD 512-389-4848		Economic:			
NRDA 512-426-7291				27. # of Personnel	
USFWS 281-667-2088				4	
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
					
29. Prepared By:		30. Reviewed by (PSC):		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Project Updated:	

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other pertinent considerations."

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch			4. Division/Group		
5. Operations Personnel		Name		Affiliation	
Operations Section Chief		_____		_____	
Branch Director		_____		_____	
Division/Group Supervisor		_____		_____	
6. Resources Assigned This Period				"X" indicates 204a attachment with special instructions	
Resource Identifier	Leader	Contact Info #	# or Persons	Reporting info/Notes/Remarks	
7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
163-N	Mesquite Bay	11315	163	Calhoun	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula, Salt marsh, wetlands, and un-vegetated areas.				28 14' 30" N	
				15. Longitude	
				96 47' 8" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin		2.5 NM		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		170 ft	
USCG Duty 361-533-0087				25. Water depth	
TGLO R5 361-552-7984				0-3'	
TCEQ 361-825-3100		Environmental:		26. Current Slow	
RCC 361-242-3113		High			
TPWD 512-389-4848		Economic:		27. # of Personnel	
NRDA 512-426-7291				4	
USFWS 281-667-2088					
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
					
29. Prepared By:		30. Reviewed by (PSC):		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Project Updated:	

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other pertinent considerations."

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch			4. Division/Group		
5. Operations Personnel		Name		Affiliation	
Operations Section Chief		_____		_____	
Branch Director		_____		_____	
Division/Group Supervisor		_____		_____	
6. Resources Assigned This Period				"X" indicates 204a attachment with special instructions	
Resource Identifier	Leader	Contact Info #	# or Persons	Reporting info/Notes/Remarks	
7. Assignments					
Safety Note:					
8. Site # 163-O	9. Quad Name Mesquite Bay	10. NOAA Chart # 11315	11. TGLO Atlas Page # 163	12. County Calhoun	
13. Site Information Aransas National Wildlife Refuge Blackjack Peninsula, Salt marsh, wetlands, and un-vegetated areas.				14. Latitude 28 14' 53" N	
				15. Longitude 96 47' 14" W	
16. Closest Boat Ramp Aransas National Wildlife Refuge boat basin		17. Distance From Ramp 2.75 NM		18. Boat Type Multiple Types	
19. Directions From Sector Corpus Christi Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				20. Closest Airport Rockport	
				21. Closest Helispot Rockport	
22. Trustee/Contact Numbers USCG Supervisor 361-533-0086 USCG Duty 361-533-0087 TGLO R5 361-552-7984 TCEQ 361-825-3100 RCC 361-242-3113 TPWD 512-389-4848 NRDA 512-426-7291 USFWS 281-667-2088		23. Resources at Risk Atlas Priority: Environmental: High Economic:		24. Width of Inlet 46 ft	
				25. Water depth 0-3'	
				26. Current Slow	
				27. # of Personnel 4	
28. Booming Strategy Recommendation On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
					
29. Prepared By:		30. Reviewed by (PSC):		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Project Updated:	

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other pertinent considerations."

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE					
8. Site Number: 164-A		9. Quad Name: Saint Charles Bay		10. NOAA Chart Number: 11314	11. GLO Atlas Page: 164
13. Site Information SCB Most of St. Charles Bay is Aransas Wildlife Refuge				14. Latitude 28 07' 50"	
				15. Longitude 96 57' 46"	
16. Closest Boat Ramp Goose Island State Park or Sea Gun			17. Distance From Ramp	18. Boat Type	
19. Directions From Local Sector Goose Island State Park H-503; St. Charles Marina H-504				20. Closest Airport Nearest Airport for	
				21. Closest Heliport	
22. Trustee/Contact Numbers USCG Supv:361-533-0086 RRC: 361-242-3113 USCG Duty:361-533-7166 TPWD: 512-389-4848 TGLO R3:361-687-6220 NRDA: 512-426-7291 TCEQ: 361-825-3100 USFWS: 281-667-2088		23. Resources at Risk Atlas Priority: Environmental: High Economic:		24. Width of Inlet in ft: 1 mile 25. Water depth in ft: 26. Current: 2-3 knots 27. No. of Personnel: 10	
25. Booming Strategy Recommendation At Bartell Island & Blackjack point, Use deflection boom to keep oil from entering St. Charles Bay.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch			4. Division/Group		
5. Operations Personnel		Name		Affiliation	
Operations Section Chief		_____		_____	
Branch Director		_____		_____	
Division/Group Supervisor		_____		_____	
6. Resources Assigned This Period				"X" indicates 204a attachment with special instructions	
Resource Identifier	Leader	Contact Info #	# or Persons	Reporting info/Notes/Remarks	
7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
164-C	Saint Charles Bay	11314	164	Aransas	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula eastern shore, Salt marsh, wetlands, and un-vegetated areas.				28 07' 55" N	
				15. Longitude	
				96 55' 34" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Goose Island		4.25 miles		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		20 ft	
USCG Duty 361-533-0087				25. Water depth	
TGLO R3 361-687-6220					
TCEQ 361-825-3100		Environmental:			
RCC 361-242-3113		High		26. Current Slow	
TPWD 512-389-4848		Economic:		27. # of Personnel	
NRDA 512-426-7291					
USFWS 281-667-2088				4	
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
					
29. Prepared By:		30. Reviewed by (PSC):		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Project Updated:	

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other pertinent considerations."

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch			4. Division/Group		
5. Operations Personnel		Name	Affiliation	Contact #(s)	
Operations Section Chief					
Branch Director					
Division/Group Supervisor					
6. Resources Assigned This Period				"X" indicates 204a attachment with special instructions	
Resource Identifier	Leader	Contact Info #	# or Persons	Reporting info/Notes/Remarks	
7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
164-D	Saint Charles Bay	11314	164	Aransas	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula eastern shore, Salt marsh, wetlands, and un-vegetated areas.				28 08' 4" N	
				15. Longitude	
				96 55' 14" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Goose Island		4.5 miles		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		450 yds	
USCG Duty 361-533-0087		Environmental:		25. Water depth	
TGLO R3 361-687-6220		High			
TCEQ 361-825-3100		Economic:		26. Current Slow	
RCC 361-242-3113				27. # of Personnel	
TPWD 512-389-4848				4	
NRDA 512-426-7291					
USFWS 281-667-2088					
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
					
29. Prepared By:		30. Reviewed by (PSC):		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Project Updated:	

Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other pertinent considerations.

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch			4. Division/Group		
5. Operations Personnel		Name	Affiliation	Contact #(s)	
Operations Section Chief					
Branch Director					
Division/Group Supervisor					
6. Resources Assigned This Period				"X" indicates 204a attachment with special instructions	
Resource Identifier	Leader	Contact Info #	# or Persons	Reporting info/Notes/Remarks	
7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
164-E	Saint Charles Bay	11314	164	Aransas	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula eastern shore, Salt marsh, wetlands, and un-vegetated areas.				28 08' 7" N	
				15. Longitude	
				96 55' 0" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Goose Island		4.5 miles		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		170 yds	
USCG Duty 361-533-0087		Environmental:		25. Water depth	
TGLO R3 361-687-6220		High			
TCEQ 361-825-3100		Economic:		26. Current Slow	
RCC 361-242-3113				27. # of Personnel	
TPWD 512-389-4848				4	
NRDA 512-426-7291					
USFWS 281-667-2088					
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
					
29. Prepared By:		30. Reviewed by (PSC):		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Project Updated:	

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other pertinent considerations."

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch			4. Division/Group		
5. Operations Personnel		Name		Affiliation	
Operations Section Chief		_____		_____	
Branch Director		_____		_____	
Division/Group Supervisor		_____		_____	
6. Resources Assigned This Period				"X" indicates 204a attachment with special instructions	
Resource Identifier	Leader	Contact Info #	# or Persons	Reporting info/Notes/Remarks	
7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
164-F	Saint Charles Bay	11315	164	Aransas	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula eastern shore, Salt marsh, wetlands, and un-vegetated areas.				28 09' 25" N	
				15. Longitude	
				96 53' 26" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin		7.75 miles		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		30 yrds	
USCG Duty 361-533-0087				25. Water depth	
TGLO R3 361-687-6220					
TCEQ 361-825-3100		Environmental:		26. Current Slow	
RCC 361-242-3113		High			
TPWD 512-389-4848		Economic:		27. # of Personnel	
NRDA 512-426-7291				4	
USFWS 281-667-2088					
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
					
29. Prepared By:		30. Reviewed by (PSC):		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Project Updated:	

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other pertinent considerations."

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch			4. Division/Group		
5. Operations Personnel		Name		Affiliation	
Operations Section Chief		_____		_____	
Branch Director		_____		_____	
Division/Group Supervisor		_____		_____	
6. Resources Assigned This Period				"X" indicates 204a attachment with special instructions	
Resource Identifier	Leader	Contact Info #	# or Persons	Reporting info/Notes/Remarks	
7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
164-G	Saint Charles Bay	11315	164	Aransas	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula eastern shore, Salt marsh, wetlands, and un-vegetated areas.				28 09' 42" N	
				15. Longitude	
				96 53' 17" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin		7.75 miles		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		30 yrds	
USCG Duty 361-533-0087				25. Water depth	
TGLO R3 361-687-6220					
TCEQ 361-825-3100		Environmental:		26. Current Slow	
RCC 361-242-3113		High			
TPWD 512-389-4848		Economic:		27. # of Personnel	
NRDA 512-426-7291				4	
USFWS 281-667-2088					
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
 <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; width: 200px; height: 40px;"></div> <div style="border: 1px solid black; width: 200px; height: 40px;"></div> </div>					
29. Prepared By:		30. Reviewed by (PSC):		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Project Updated:	

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other pertinent considerations."

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch			4. Division/Group		
5. Operations Personnel		Name		Affiliation	
Operations Section Chief		_____		_____	
Branch Director		_____		_____	
Division/Group Supervisor		_____		_____	
6. Resources Assigned This Period			"X" indicates 204a attachment with special instructions		
Resource Identifier	Leader	Contact Info #	# or Persons	Reporting info/Notes/Remarks	
7. Assignments					
Safety Note:					
8. Site #	9. Quad Name	10. NOAA Chart #	11. TGLO Atlas Page #	12. County	
164-H	Saint Charles Bay	11315	164	Aransas	
13. Site Information				14. Latitude	
Aransas National Wildlife Refuge Blackjack Peninsula eastern shore, Salt marsh, wetlands, and un-vegetated areas.				28 10' 16" N	
				15. Longitude	
				96 52' 42" W	
16. Closest Boat Ramp		17. Distance From Ramp		18. Boat Type	
Aransas National Wildlife Refuge boat basin		6.75 miles		Multiple Types	
19. Directions From Sector Corpus Christi				20. Closest Airport	
Hwy 35 West to Tivoli. Exit Hwy 35 on to Hwy 239 to the left. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM 2040, 5.3 miles to ANWR HQ. There are Refuge road signs that can be followed.				Rockport	
				21. Closest Helispot	
				Rockport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet	
USCG Supervisor 361-533-0086		Atlas Priority:		50 yrds	
USCG Duty 361-533-0087				25. Water depth	
TGLO R3 361-687-6220					
TCEQ 361-825-3100		Environmental:		26. Current Slow	
RCC 361-242-3113		High			
TPWD 512-389-4848		Economic:		27. # of Personnel	
NRDA 512-426-7291				4	
USFWS 281-667-2088					
28. Booming Strategy Recommendation					
On scene weather conditions (tides, currents, winds, and season) will dictate type and placement of boom for this location.					
					
29. Prepared By:		30. Reviewed by (PSC):		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Project Updated:	

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other pertinent considerations."

Matagorda Island (bayside)

Booming Strategies

The backside of Matagorda Island is more than likely to be impacted if a spill occurs during a north wind. At the closest point, it is about 2 miles south of the ICWW. There are 8 identified areas on the backside of Matagorda Island including Cedar Bayou. Protection booming techniques will vary based on location of the spill, type of material that is spilled and onsite weather. The Geographic Response Plans (GRPs) located in the Texas General Land Office's Oil Spill Toolkit that can be accessed online at www.glo.texas.gov/ost/ should be utilized for more specific information about the different areas along the bayside of Matagorda Island that need to be protected.

Staging areas

1. Name: **Port O'Connor Annex**
 - Location / Address: **418 S 16th St, Port O'Connor, TX 77982**
 - Closest Boat Ramp: **N/A**
 - Distance from Boat Ramp: **N/A**
 - Directions from Sector: **Hwy 35 North towards Port Lavaca. Turn Right on TX 185 East in Calhoun County towards Port O'Connor. Right on 16th St.**
 - Water Depth at Bulkhead: **N/A**
 - TGLO Atlas Number: **145**
 - Heliport on Site: **No**
 - Phone on Site: **Yes**
 - Internet on Site: **No**
 - Radio on Site: **Yes**
 - On Site Power: **Yes**
 - On Site Water: **Yes**
 - Gated: **Yes**
 - Tidal Influence: **N/A**
 - Size of Area: **0.8 acres**

2. Name: **Matagorda Island North End**

- Location / Address: **28.328440, -96.462973**
- Closest Boat Ramp: **N/A**
- Distance from Boat Ramp: **N/A**
- Directions from Sector: **Access by boat only, see map.**
- Water Depth at Bulkhead: **N/A**
- TGLO Atlas Number: **152**
- Heliport on Site: **No**
- Phone on Site: **No**
- Internet on Site: **No**
- Radio on Site: **No**
- On Site Power: **No**
- On Site Water: **No**
- Gated: **No**
- Tidal Influence: **N/A**
- Size of Area: **35 acres**

3. Name: **Matagorda Island South End**

- Location / Address: **28.123268, -96.800994**
- Closest Boat Ramp: **N/A**
- Distance from Boat Ramp: **N/A**
- Directions from Sector: **Access by boat only, see map.**
- Water Depth at Bulkhead: **N/A**
- TGLO Atlas Number: **170**
- Heliport on Site: **No**
- Phone on Site: **No**
- Internet on Site: **No**
- Radio on Site: **No**
- On Site Power: **No**
- On Site Water: **No**
- Gated: **No**
- Tidal Influence: **N/A**
- Size of Area: **11.5 acres**

Access Routes

Matagorda Island has two docking locations available on the island, one on the north end and one on the south. It is important to note that Aransas NWR and TPW must be notified PRIOR to accessing Matagorda Island for spill response activities. The north end boat dock has the only ramp available on Matagorda Island for off-loading equipment and machinery. The ramp must be tested for soundness and deemed safe before being utilized. This site is best for use when staging equipment/personnel out of the USFWS Annex located in Port O'Connor. The south end boat dock is best for use when staging light handheld equipment/personnel out of the Aransas boat basin or the Lamar/Rockport area. No ramp for heavy equipment.

Matagorda Island middle road is a single lane, unpaved road running approximately 25 miles between the North and South ends of the Matagorda Island. The middle road runs along the bay side of the Matagorda Island, which contains critical habitat. Utilization of the road may require the use of USFWS guides.

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE					
8. Site Number: 162-B		9. Quad Name: Panther Point	10. NOAA Chart Number: 11315	11. GLO Atlas Page: 162	12. County Calhoun
13. Site Information 32B Matagorda Island National Wildlife Refuge Western shore, Salt marsh, wetlands, and gravel shell beaches				14. Latitude 28 11' 16"	
				15. Longitude 96 45' 02"	
16. Closest Boat Ramp Aransas National Wildlife Refuge			17. Distance From Ramp 10.5 NM from	18. Boat Type 18' Work boat /	
19. Directions From Local Sector Take Hwy 35 West to Tivoli (approx. 19 miles) . Exit Hwy 35 on to Hwy 239 to the left(approx 2 mile west)of Tivoli. Take Hwy 239 to Austwell . Turn on FM 774 west 1 mile , turn on FM2040 , 5.3 Mile AWRN HQ. There are Refuge road signs that can be followed.				20. Closest Airport Rockport	
				21. Closest Heliport Rockport	
22. Trustee/Contact Numbers USCG: 361-582-0362 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: (512) 389-4848 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: High Environmental: High Threatened Endangered Species. Salt marshes Wetlands Economic: High Hunting, Fishing Seafood Industry, Bird watching		24. Width of Inlet in ft: 445 ft 25. Water depth in ft: 6" - 6' 26. Current: .25 - .5 knots 27. No. of Personnel: 2-6	
25. Booming Strategy Recommendation Deflection booming is recommended. On scene weather conditions (tides, current and wind) will dictate placement of the deflection boom.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE					
8. Site Number: 162-C		9. Quad Name: Panther Point	10. NOAA Chart Number: 11315	11. GLO Atlas Page: 162	12. County Calhoun
13. Site Information 32C Matagorda Island National Wildlife Refuge Western shore, Salt marsh and wetlands gravel shell beaches				14. Latitude 28 ° 11' 17"	
				15. Longitude 96 ° 44' 47"	
16. Closest Boat Ramp Aransas National Wildlife Refuge			17. Distance From Ramp 10.5 NM from	18. Boat Type 18' Work boat /	
19. Directions From Local Sector Take Hwy 35 West to Tivoli (approx. 19 miles) . Exit Hwy 35 on to Hwy 239 to the left(approx 2 mile west)of Tivoli. Take Hwy 239 to Austwell . Turn on FM 774 west 1 mile , turn on FM2040 , 5.3 Mile AWRN HQ. There are Refuge road signs that can be followed.				20. Closest Airport Rockport	
				21. Closest Heliport Rockport	
22. Trustee/Contact Numbers USCG: 361-582-0362 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: (512) 389-4848 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: High Environmental: High Threatened Endangered Species. Salt marshes Wetlands Economic: High Hunting, Fishing Seafood Industry, Bird watching		24. Width of Inlet in ft: 260" 25. Water depth in ft: 6" - 6' 26. Current: .25 - .50 knots 27. No. of Personnel: 2-4	
25. Booming Strategy Recommendation Deflection booming is recommended. On scene weather conditions (tides, current and wind) will dictate placement of the deflection boom.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

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3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE					
8. Site Number: 162-D		9. Quad Name: Panther Point	10. NOAA Chart Number: 11315	11. GLO Atlas Page: 162	12. County Calhoun
13. Site Information 32D Matagorda Island National Wildlife Refuge Western shore ,Salt marsh and wetlands gravel shell beaches				14. Latitude 28 11' 24"	
				15. Longitude 96 44 '01"	
16. Closest Boat Ramp Aransas National Wildlife Refuge			17. Distance From Ramp 10.5 NM from	18. Boat Type 18' Work boat /	
19. Directions From Local Sector Take Hwy 35 West to Tivoli (approx. 19 miles) . Exit Hwy 35 on to Hwy 239 to the left(approx 2 mile west)of Tivoli. Take Hwy 239 to Austwell . Turn on FM 774 west 1 mile , turn on FM2040 , 5.3 Mile AWRN HQ. There are Refuge road signs that can be followed.				20. Closest Airport Rockport	
				21. Closest Heliport Rockport	
22. Trustee/Contact Numbers USCG: 361-582-0362 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: (512) 389-4848 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: High Environmental: High Threatened Endangered Species. Salt marshes Wetlands Economic: High Hunting, Fishing Seafood Industry, Bird watching		24. Width of Inlet in ft: 390' 25. Water depth in ft: 6" - 6' 26. Current: .25 - .5 knots 27. No. of Personnel: 2-4	
25. Booming Strategy Recommendation Deflection booming is recommended. On scene weather conditions (tides, current and wind) will dictate placement of the deflection boom.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

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3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE					
8. Site Number: 162-E		9. Quad Name: Panther Point	10. NOAA Chart Number: 11315	11. GLO Atlas Page: 162	12. County Calhoun
13. Site Information 32E Matagorda Island National Wildlife Refuge Western shore, Salt marsh and wetlands gravel shell beaches				14. Latitude 28 11' 27"	
				15. Longitude 96 43' 38"	
16. Closest Boat Ramp Aransas National Wildlife Refuge			17. Distance From Ramp 10.5 NM from	18. Boat Type 18' Work boat /	
19. Directions From Local Sector Take Hwy 35 West to Tivloi (approx. 19 miles) . Exit Hwy 35 on to Hwy 239 to the left(approx 2 mile west)of Tivloi. Take Hwy 239 to Austwell . Turn on FM 774 west 1 mile , turn on FM2040 , 5.3 Mile AWRN HQ. There are Refuge road signs that can be followed.				20. Closest Airport Rockport	
				21. Closest Heliport Rockport	
22. Trustee/Contact Numbers USCG: 361-582-0362 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: (512) 389-4848 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: High Environmental: High Threatened Endangered Species. Salt marshes Wetlands Economic: High Hunting, Fishing Seafood Industry, Bird watching		24. Width of Inlet in ft: 750' 25. Water depth in ft: 6'- 10' 26. Current: .25-.5 knots 27. No. of Personnel: 4-6	
25. Booming Strategy Recommendation Deflection booming is recommended. On scene weather conditions (tides, current and wind) will dictate placement of the deflection boom.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

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3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE					
8. Site Number: 163-B		9. Quad Name: Mesquite Bay	10. NOAA Chart Number: 11315	11. GLO Atlas Page: 163	12. County Calhoun
13. Site Information 33B Matagorda Island National Wildlife Refuge Western shore, Salt marsh, wetlands, and un-vegetated areas.				14. Latitude 28 11' 17"	
				15. Longitude 96 46' 30"	
16. Closest Boat Ramp Aransas National Wildlife Refuge			17. Distance From Ramp 10.5 NM from	18. Boat Type 18' Work boat /	
19. Directions From Local Sector Take Hwy 35 West to Tivloi (approx. 19 miles). Exit Hwy 35 on to Hwy 239 to the left (approx. 2 mile west) of Tivloi. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM2040, 5.3 Mile AWNR HQ. There are Refuge road signs that can be followed.				20. Closest Airport Rockport	
				21. Closest Heliport Rockport	
22. Trustee/Contact Numbers USCG Supv:361-533-0086 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: 361-658-3181 TGLO RS: 361-552-7984 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: High Environmental: High Economic: High		24. Width of Inlet in ft: 135' 25. Water depth in ft: 0'-8' 26. Current: .25-.5 kts 27. No. of Personnel: 2-4	
25. Booming Strategy Recommendation Deflection booming is recommended. On scene weather conditions (tides, current, and wind) will dictate placement of the deflection boom.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE					
8. Site Number: 163-C		9. Quad Name: Mesquite Bay	10. NOAA Chart Number: 11315	11. GLO Atlas Page: 163	12. County Calhoun
13. Site Information 33C Matagorda Island National Wildlife Refuge Western shore, Salt marsh, wetlands, and un-vegetated areas.				14. Latitude 28 11' 16"	
				15. Longitude 96 46' 12"	
16. Closest Boat Ramp Aransas National Wildlife Refuge			17. Distance From Ramp 10.5 NM from	18. Boat Type 18' work boat/airboat	
19. Directions From Local Sector Take Hwy 35 West to Tivoli (approx. 19 miles). Exit Hwy 35 on to Hwy 239 to the left (approx. 2 mile west) of Tivoli. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM2040, 5.3 Mile AWRN HQ. There are Refuge road signs that can be followed.				20. Closest Airport Rockport	
				21. Closest Heliport Rockport	
22. Trustee/Contact Numbers USCG Supv:361-533-0086 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: 361-658-3181 TGLO RS: 361-552-7984 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: High Environmental: High Economic: High		24. Width of Inlet in ft: 220' 25. Water depth in ft: .5-6' 26. Current: .25-.5kts 27. No. of Personnel: 2-4	
25. Booming Strategy Recommendation Deflection booming is recommended. On scene weather conditions (tides, current, and wind) will dictate placement of the deflection boom.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

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3. Branch		4. Division/Group			
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6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE					
8. Site Number: 163-D		9. Quad Name: Mesquite Bay	10. NOAA Chart Number: 11315	11. GLO Atlas Page: 163	12. County Calhoun
13. Site Information 33D Matagorda Island National Wildlife Refuge Western shore, Salt marsh, wetlands, and un-vegetated areas.				14. Latitude 28 11' 15"	
				15. Longitude 96 45" 24"	
16. Closest Boat Ramp Aransas National Wildlife Refuge			17. Distance From Ramp 10.5 NM from	18. Boat Type 18' Work boat /	
19. Directions From Local Sector Take Hwy 35 West to Tivoli (approx. 19 miles). Exit Hwy 35 on to Hwy 239 to the left (approx. 2 mile west) of Tivoli. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM2040, 5.3 Mile AWNR HQ. There are Refuge road signs that can be followed.				20. Closest Airport Rockport	
				21. Closest Heliport Rockport	
22. Trustee/Contact Numbers USCG Supv: 361-533-0086 RRC: 210-227-1313 USCG Duty: 361-533-0087 TPWD: 361-658-3181 TGLO R5: 361-552-7984 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: High Environmental: High Economic: High		24. Width of Inlet in ft: 830' 25. Water depth in ft: 6-10' 26. Current: .25-.5 kts 27. No. of Personnel: 2-6	
25. Booming Strategy Recommendation Deflection booming is recommended. On scene weather conditions (tides, current, and wind) will dictate placement of the deflection boom.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE Biological hazards include but not limited to rattlesnakes, bee stings, scorpions, alligators. Environmental hazards include but not limited to sunburn, sunstroke, and dehydration. There are shallow water areas and swift currents throughout the Bayou					
8. Site Number: 170-A		9. Quad Name: Saint Charles Bay SE	10. NOAA Chart Number:	11. GLO Atlas Page: 170	12. County Calhoun/Aransas
13. Site Information 34B Cedar Bayou is a Riverine Cut Environment with Emergent Vegetation. The Bayou is bounded by San Jose Island on the southwestern shore and Matagorda Island on the northeastern shore. The Bayou Cut runs in a NNE direction for approximately 03 Nautical miles.				14. Latitude 28 06' 45"	
				15. Longitude 96 49' 47"	
16. Closest Boat Ramp Goose Island State Park, Aransas National Wildlife Refuge,			17. Distance From Ramp	18. Boat Type	
19. Directions From Local Sector				20. Closest Airport Access to Matagorda	
				21. Closest Heliport Mostly Unlimited	
22. Trustee/Contact Numbers USCG: 361-582-0362 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: (512) 389-4848 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: Environmental: Economic:		24. Width of Inlet in ft: 200' 25. Water depth in ft: 26. Current: 0.5 kts to 1.0 kts 27. No. of Personnel: 9	
25. Booming Strategy Recommendation Can be used at established collection points near the Inlet of the Bayou. The width of the Bayou is approximately 3600 ft at the widest point, and cascade deflection would be preferred due to currents. A collection area has been identified at position 2.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
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Matagorda Island (Gulf beach)

Booming Strategies

The 38 miles of beach located on Matagorda Island poses significant challenges for protection. The island is only accessible by boat and there is no response equipment located on the island. Any protection strategies should be based on trajectories of areas to be impacted, type of material that is spilled and weather. The Geographic Response Plans (GRPs) located in the Texas General Land Office's Oil Spill Toolkit that can be accessed online at www.glo.texas.gov/ost/ should be utilized for more specific information about the different areas along the bayside of Matagorda Island that need to be protected.

Staging areas

1. Name: **Port O'Connor Annex**
 - Location / Address: **418 S 16th St, Port O'Connor, TX 77982**
 - Closest Boat Ramp: **N/A**
 - Distance from Boat Ramp: **N/A**
 - Directions from Sector: **Hwy 35 North towards Port Lavaca. Turn Right on TX 185 East in Calhoun County towards Port O'Connor. Right on 16th St.**
 - Water Depth at Bulkhead: **N/A**
 - TGLO Atlas Number: **145**
 - Heliport on Site: **No**
 - Phone on Site: **Yes**
 - Internet on Site: **No**
 - Radio on Site: **Yes**
 - On Site Power: **Yes**
 - On Site Water: **Yes**
 - Gated: **Yes**
 - Tidal Influence: **N/A**
 - Size of Area: **0.8 acres**

2. Name: **Matagorda Island North End**

- Location / Address: **28.328440, -96.462973**
- Closest Boat Ramp: **N/A**
- Distance from Boat Ramp: **N/A**
- Directions from Sector: **Access by boat only, see map.**
- Water Depth at Bulkhead: **N/A**
- TGLO Atlas Number: **152**
- Heliport on Site: **No**
- Phone on Site: **No**
- Internet on Site: **No**
- Radio on Site: **No**
- On Site Power: **No**
- On Site Water: **No**
- Gated: **No**
- Tidal Influence: **N/A**
- Size of Area: **35 acres**

3. Name: **Matagorda Island South End**

- Location / Address: **28.123268, -96.800994**
- Closest Boat Ramp: **N/A**
- Distance from Boat Ramp: **N/A**
- Directions from Sector: **Access by boat only, see map.**
- Water Depth at Bulkhead: **N/A**
- TGLO Atlas Number: **170**
- Heliport on Site: **No**
- Phone on Site: **No**
- Internet on Site: **No**
- Radio on Site: **No**
- On Site Power: **No**
- On Site Water: **No**
- Gated: **No**
- Tidal Influence: **N/A**
- Size of Area: **11.5 acres**

Access Routes

Matagorda Island has two docking locations available on the island, one on the north end and one on the south. It is important to note that Aransas NWR and TPW must be notified PRIOR to accessing Matagorda Island for spill response activities. The north end boat dock has the only ramp available on Matagorda Island for off-loading equipment and machinery. The ramp must be tested for soundness and deemed safe before being utilized. This site is best for use when staging equipment/personnel out of the USFWS Annex located in Port O'Connor. The south end boat dock is best for use when staging light handheld equipment/personnel out of the Aransas boat basin or the Lamar/Rockport area, no ramp for heavy equipment.

Matagorda Island middle road is a single lane, unpaved road running approximately 25 miles between the North and South ends of the Matagorda Island. The middle road runs along the bay side of the Matagorda Island, which contains critical habitat. Utilization of the road may require the use of USFWS guides.

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3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE Trips, Slips, and Falls, Rattle snakes, Mosquitoes, Heat stress, and Hypothermia. No food, water, and medical Limited access.					
8. Site Number: 152-A		9. Quad Name: Pass Cavallo SW	10. NOAA Chart Number: 11315,11319	11. GLO Atlas Page: 152	12. County Calhoun
13. Site Information 27A Access to the GOM beach is limited to two boat docks. One located at each end of the Island. Beach on the East end tends to be Scarps and steep slopes of sand and changes to mixed sand and gravel (shell) as you progress Westward. Shore and wading birds, pelicans, piping and snowy plovers, and nesting turtles found on the beach. Has a large Migatory population.				14. Latitude 28 °19'58"	
				15. Longitude 96°27'48"	
16. Closest Boat Ramp East end TP&W POC, West end ANWR			17. Distance From Ramp 10NM TP&W POC	18. Boat Type Flat Bottom Boat	
19. Directions From Local Sector East -Port Lavaca, West-Rockport				20. Closest Airport East -Port Lavaca,	
				21. Closest Heliport O'Connor PHI, West-	
22. Trustee/Contact Numbers USCG: 361-582-0362 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: (512) 389-4848 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: High Environmental: High Economic: High		24. Width of Inlet in ft: 300' 25. Water depth in ft: 10' 26. Current: Medium 27. No. of Personnel: 4	
25. Booming Strategy Recommendation Time of the year on species migration or nesting whether it will be manual or mechanical. Consider using least evasive method to mimimize beach loss.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

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5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE Trips, Slips, and Falls, Rattle snakes, Mosquitoes, Heat stress, and Hypothermia. No food, water, and medical Limited access.					
8. Site Number: 153-B		9. Quad Name: Long Island	10. NOAA Chart Number: 11315,11319	11. GLO Atlas Page: 153	12. County Calhoun
13. Site Information 28A Access to the GOM beach is limited to two boat docks. One located at each end of the Island. Beach on the East end tends to be Scarps and steep slopes of sand and changes to mixed sand and gravel (shell) as you progress Westward. Shore and wading birds, pelicans, piping and snowy plovers, and nesting turtles found on the beach. Has a large Migatory population.				14. Latitude 28 °19'58"N	
				15. Longitude 96°27'48"W	
16. Closest Boat Ramp East end TP&W POC, West end ANWR			17. Distance From Ramp 10NM TP&W POC	18. Boat Type Air boat, 18' or Larger	
19. Directions From Local Sector Take Hwy 35 West to the intersection of Hwy 185. Turn left on Hwy 185 (approx 29 miles to Port O'Connor). Turn on 16 Street. Road end and TP&W property and boat ramp on the right.				20. Closest Airport East -Port Lavaca,	
				21. Closest Heliport East -Port O'Connor	
22. Trustee/Contact Numbers USCG: 361-582-0362 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: (512) 389-4848 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: High Environmental: High Economic: High		24. Width of Inlet in ft: 25. Water depth in ft: 26. Current: 27. No. of Personnel:	
25. Booming Strategy Recommendation Time of the year on species migration or nesting whether it will be manual or mechanical. Consider using least evasive method to minimize beach loss.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE Trips, Slips, and Falls, Rattle snakes, Mosquitoes, Heat stress, and Hypothermia. No food, water, and medical Limited access.					
8. Site Number: 161-A		9. Quad Name: Panther Point NE	10. NOAA Chart Number: 11315,11319	11. GLO Atlas Page: 161	12. County Calhoun
13. Site Information 31A Access to the GOM beach is limited to two boat docks. One located at each end of the Island. Beach on the East end tends to be Scarps and steep slopes of sand and changes to mixed sand and gravel (shell) as you progress Westward. Shore and wading birds, pelicans, piping and snowy plovers, and nesting turtles found on the beach. Has a large Migatory population.				14. Latitude 28 °19'58"N	
				15. Longitude 96°27'48"W	
16. Closest Boat Ramp East end TP&W POC, West end ANWR			17. Distance From Ramp 10NM TP&W POC	18. Boat Type Air boat, 18' or Larger	
19. Directions From Local Sector Take Hwy 35 West to the intersection of Hwy 185. Turn left on Hwy 185 (approx 29 miles to Port O'Connor). Turn on 16 Street. Road ends and TP&W property and boat ramp on the right.				20. Closest Airport East -Port Lavaca,	
				21. Closest Heliport O'Connor PHI, West-	
22. Trustee/Contact Numbers USCG: 361-582-0362 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: (512) 389-4848 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: High Environmental: High Economic: High		24. Width of Inlet in ft: 25. Water depth in ft: Gulf of Mexico 26. Current: 27. No. of Personnel:	
25. Booming Strategy Recommendation Time of the year on species migration or nesting whether it will be manual or mechanical. Consider using least evasive method to mimimize beach loss.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

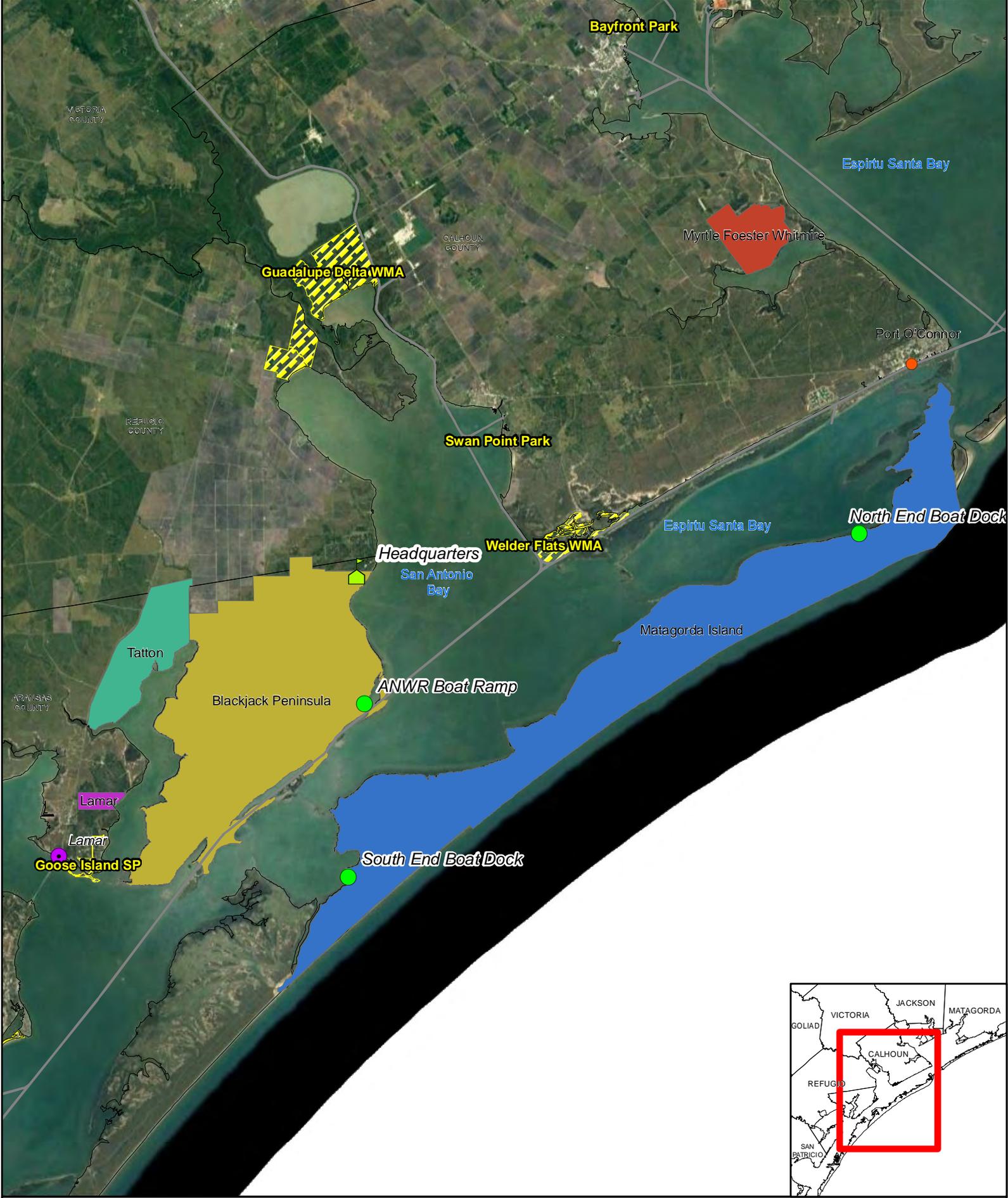
1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE Trips, Slips, and Falls, Rattle snakes, Mosquitoes, Heat stress, Hypothermia. No food, water, and medical Limited access.					
8. Site Number: 162-A		9. Quad Name: Panther Point	10. NOAA Chart Number: 11315,11319	11. GLO Atlas Page: 162	12. County Calhoun
13. Site Information 32A Access to the GOM beach is limited to two boat docks. One located at each end of the Island. Beach on the East end tends to be Scarps and steep slopes of sand and changes to mixed sand and gravel (shell) as you progress Westward. Shore and wading birds, pelicans, piping and snowy plovers, and nesting turtles found on the beach. Has a large Migatory population.				14. Latitude 28 19' 58"	
				15. Longitude 96 27' 48"	
16. Closest Boat Ramp East end TP&W POC, West end ANWR			17. Distance From Ramp 10NM TP&W POC	18. Boat Type Air boat, 18' or Larger	
19. Directions From Local Sector Take Hwy 35 West to the intersection of Hwy 185. Turn left on Hwy 185 (approx 29 miles to Port O'Connor). Turn on 16 Street. Road ends and TP&W property and boat ramp on the right.				20. Closest Airport East -Port Lavaca,	
				21. Closest Heliport East - PHI Port	
22. Trustee/Contact Numbers USCG: 361-582-0362 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: (512) 389-4848 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: High Environmental: High Economic: High		24. Width of Inlet in ft: 25. Water depth in ft: Gulf of Mexico 26. Current: 27. No. of Personnel:	
25. Booming Strategy Recommendation Time of the year on species migration or nesting whether it will be manual or mechanical. Consider using least evasive method to minimize beach loss.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE Trips, Slips, and Falls, Rattle snakes, Mosquitoes, Heat stress, and Hypothermia. No food, water, and medical Limited access.					
8. Site Number: 163-A		9. Quad Name: Mesquite Bay	10. NOAA Chart Number: 11315,11319	11. GLO Atlas Page: 163	12. County Calhoun
13. Site Information 33A Access to the GOM beach is limited to two boat docks. One located at each end of the Island. Beach on the East end tends to be Scarps and steep slopes of sand and changes to mixed sand and gravel (shell) as you progress Westward. Shore and wading birds, pelicans, piping and snowy plovers, and nesting turtles found on the beach. Has a large Migatory population.				14. Latitude 28 19' 58"	
				15. Longitude 96 27' 48"	
16. Closest Boat Ramp East end TP&W POC, West end ANWR			17. Distance From Ramp 10NM TP&W POC	18. Boat Type Air boat, 18' or Larger	
19. Directions From Local Sector Take Hwy 35 West to Tivloi (approx. 19 miles). Exit Hwy 35 on to Hwy 239 to the left (approx 2 mile west) of Tivloi. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile, turn on FM2040, 5.3 Mile AWNR HQ. There are Refuge road signs that can be followed.				20. Closest Airport East - PHI Port Lavaca,	
				21. Closest Heliport East -Port O'Connor,	
22. Trustee/Contact Numbers USCG: 361-582-0362 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: (512) 389-4848 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: High Environmental: High: Threatened and Endangered species Economic: High		24. Width of Inlet in ft: 25. Water depth in ft: 26. Current: 27. No. of Personnel:	
25. Booming Strategy Recommendation Time of the year on species migration or nesting whether it will be manual or mechanical. Consider using least invasive method to minimize beach loss.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch		4. Division/Group			
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE Biological hazards include but not limited to rattle snakes, bee stings, scorpions, alligators. Environmental hazards include but not limited to sunburn, sunstroke, and dehydration. There are shallow water areas and swift currents throughout the Bayou.					
8. Site Number: 170-B		9. Quad Name: Saint Charles Bay SE	10. NOAA Chart Number:	11. GLO Atlas Page: 170	12. County Calhoun/Aransas
13. Site Information 34A Access to the GOM beach is limited to two boat docks. One located at each end of the Island. Beach on the East end tends to be Scarps and steep slopes of sand and changes to mixed sand and gravel (shell) as you progress Westward. Shore and wading birds, pelicans, piping and snowy plovers, and nesting turtles found on the beach. Has a large Migatory population.				14. Latitude 28 03' 51"	
				15. Longitude 096 51' 12"	
16. Closest Boat Ramp Goose Island State Park, Aransas National Wildlife Refuge,			17. Distance From Ramp	18. Boat Type	
19. Directions From Local Sector				20. Closest Airport Access to Matagorda	
				21. Closest Heliport Mostly Unlimited	
22. Trustee/Contact Numbers USCG: 361-582-0362 RRC: 210-227-1313 USCG Duty:361-533-0087 TPWD: (512) 389-4848 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-286-3559		23. Resources at Risk Atlas Priority: Environmental: Economic:		24. Width of Inlet in ft: 200' 25. Water depth in ft: 26. Current: 0.5 kts to 1.0 kts 27. No. of Personnel: 9	
25. Booming Strategy Recommendation Can be used at established collection points near the Inlet of the Bayou. The width of the Bayou is approximately 3600 ft at the widest point, and cascade deflection would be preferred due to currents. A collection area has been identified at position 2.					
Aerial Photo 			On Site Photo 		
29. Prepared By:		30. Reviewed by (PSC)		31. Reviewed by (OSC):	
Assignment List		ICS 204 OS (Geographic Response Plan)		Updated Date:	
"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."					

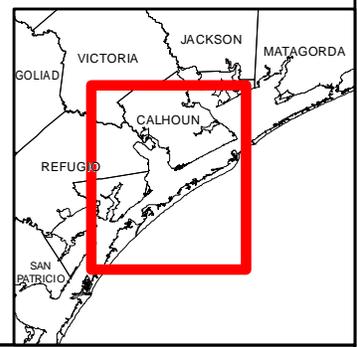
Maps

The following maps provide information about getting to different locations on the Refuge.



- Coast Guard Stations
- Lamar
- ANWR Boat Ramp
- ANWR Headquarters
- ANWR Units**
- Matagorda Island
- Myrtle Foester Whitmire
- Blackjack Peninsula
- Lamar
- Tatton

ANWR Site Units Calhoun & Aransas Counties, Texas



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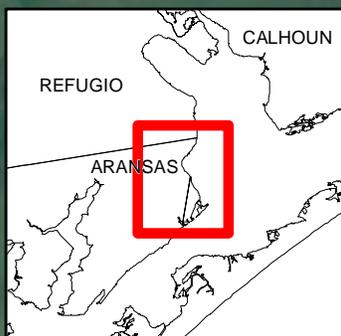
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Commissioner: George P. Bush
Enterprise Technology Solutions/GIS
Map Compiled by: Mark Conway
January 2019



2040

Headquarters

ANWR Boat Ramp



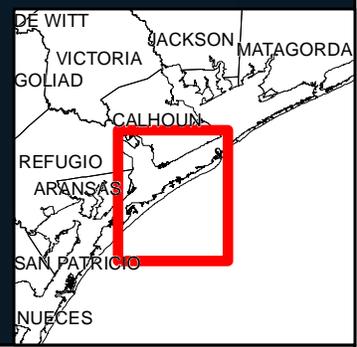
-  ANWR Boat Ramp
-  ANWR Auto Loop
-  ANWR Headquarters
-  ANWR Boundary

Blackjack Peninsula, ANWR Infrastructure Aransas County, Texas



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January 2019



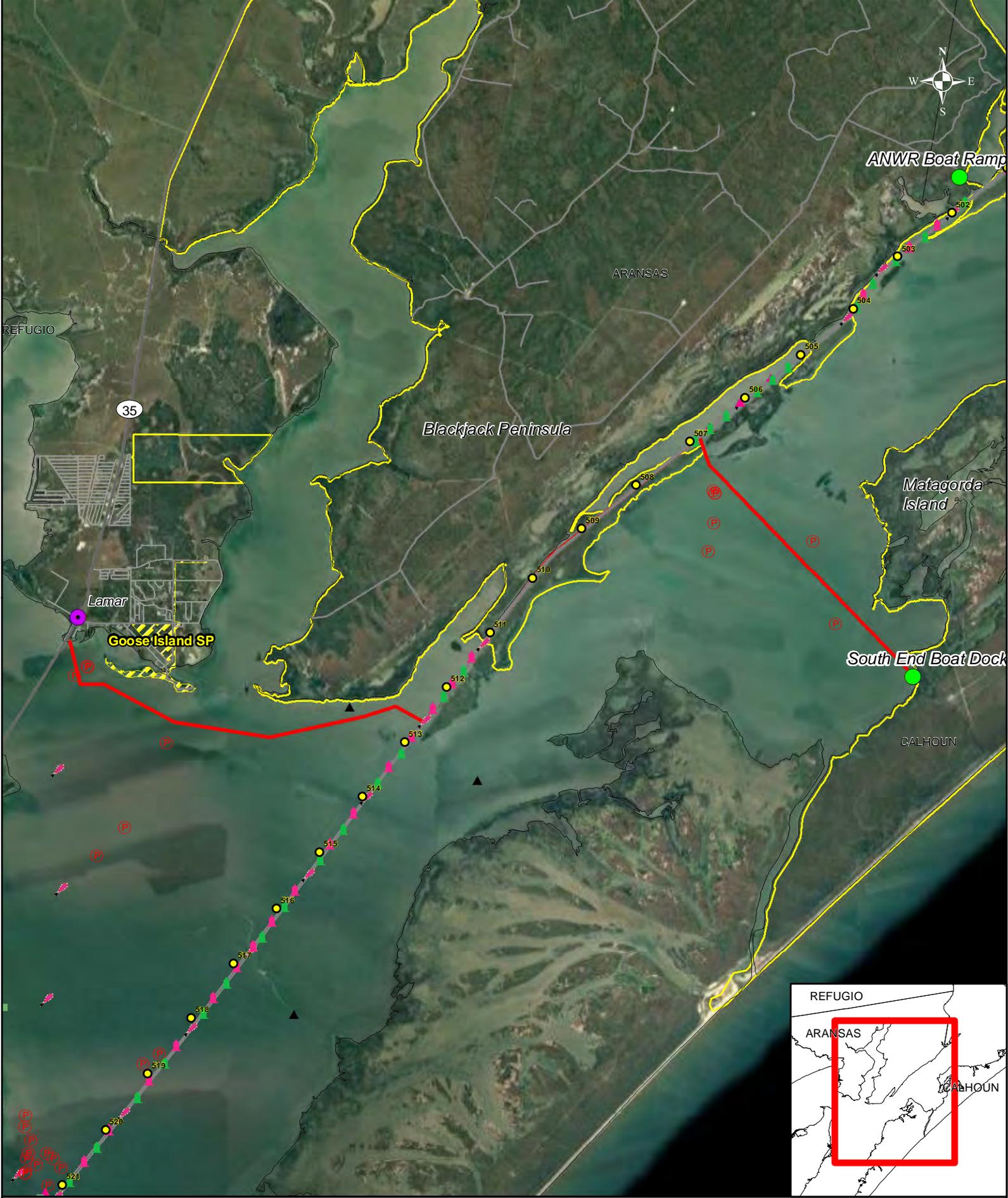
- GIWW Mile Marker
- Coast Guard Stations
- ANWR Boat Ramp
- Intracoastal Waterway
- Middle Road
- Park Land
- ANWR Boundary

Matagorda Island Calhoun County, Texas



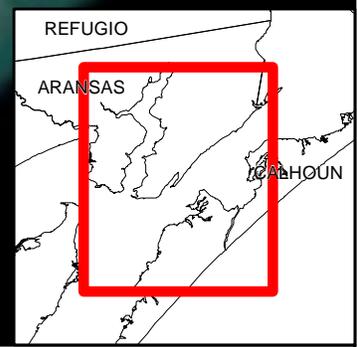
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January 2019



- GNW Mile Marker
- Coast Guard Stations
- Ⓟ Oil & Gas Platforms
- ▲ Day Beacon (Purp)
- ▲ Day Beacon (Starboard)
- ▲ Lighted Buoy (Green)
- ▲ Lighted Buoy (Red)
- ANWR Boat Ramp
- ▲ Navigation Aid (Unclassified)
- ▲ Navigation Light/Range Light
- Radio Tower
- ▲ UML Buoy (Green)
- ▲ UML Buoy (Red)
- Intracoastal Waterway
- Boat Channels
- County DTLS
- ANWR Boundary

ANWR Boat Dock on South Matagorda Island Aransas County, Texas



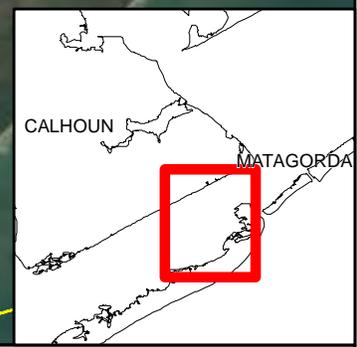
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 January 2019



- GNW Mile Marker
- Coast Guard Station
- Lighted Buoy (Red)
- ANWR Boat Ramp
- P Oil & Gas Platforms
- ▲ Day Beacon (Port)
- ▲ Day Beacon (Starboard)
- Lighted Buoy (Green)
- ▲ UML Buoy (Red)
- ▲ Navigation Aid (Unclassified)
- Navigation Light/Range Light
- Radio Tower
- UML Buoy (Green)
- Intracoastal Waterway
- Boat Channels
- ANWR Boundary

ANWR Boat Dock on Matagorda Island Calhoun County, Texas

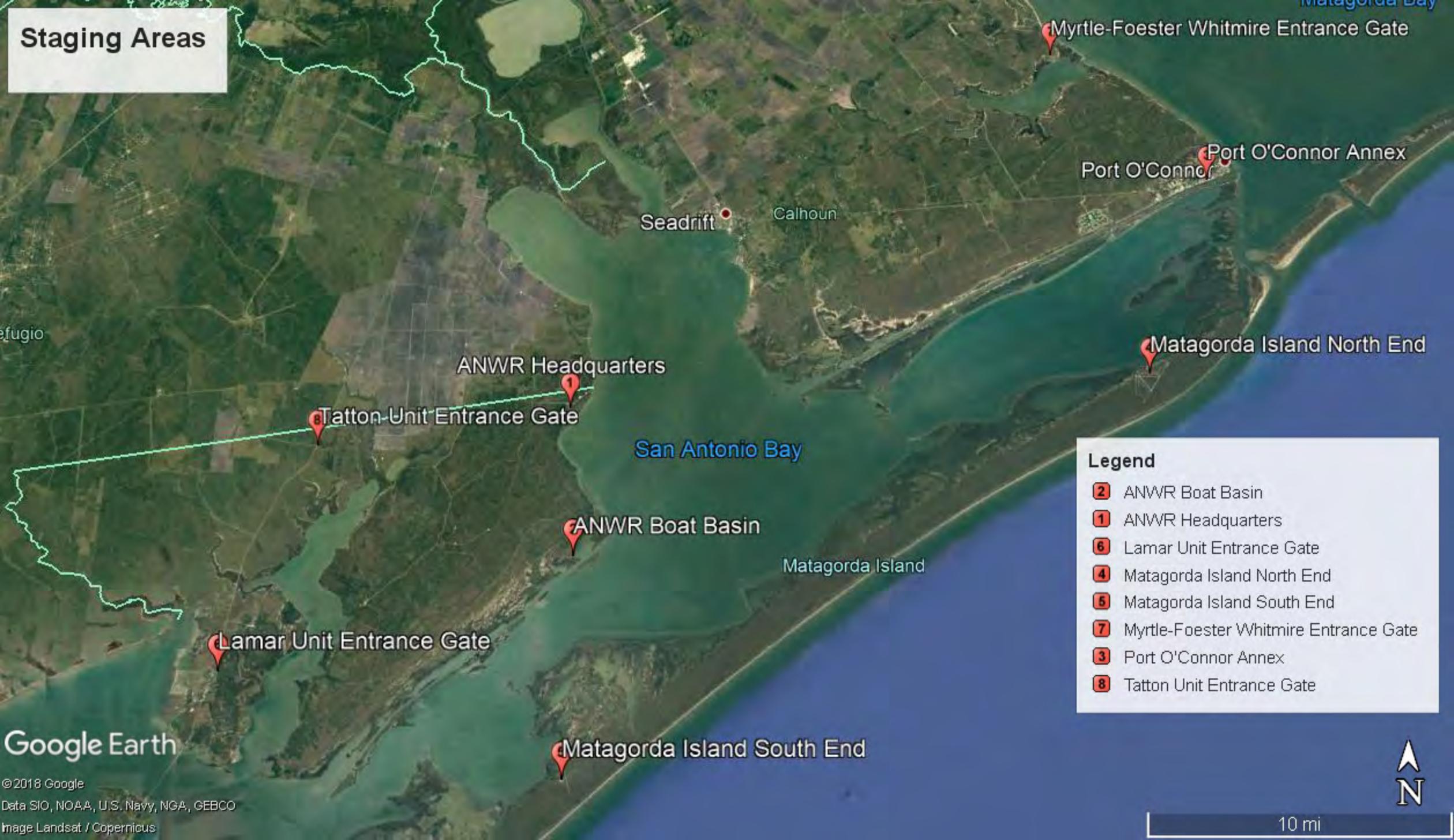


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Staging Areas



Legend

- 2** ANWR Boat Basin
- 1** ANWR Headquarters
- 6** Lamar Unit Entrance Gate
- 4** Matagorda Island North End
- 5** Matagorda Island South End
- 7** Myrtle-Foester Whitmire Entrance Gate
- 3** Port O'Connor Annex
- 8** Tatton Unit Entrance Gate

Google Earth

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Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat / Copernicus

10 mi

