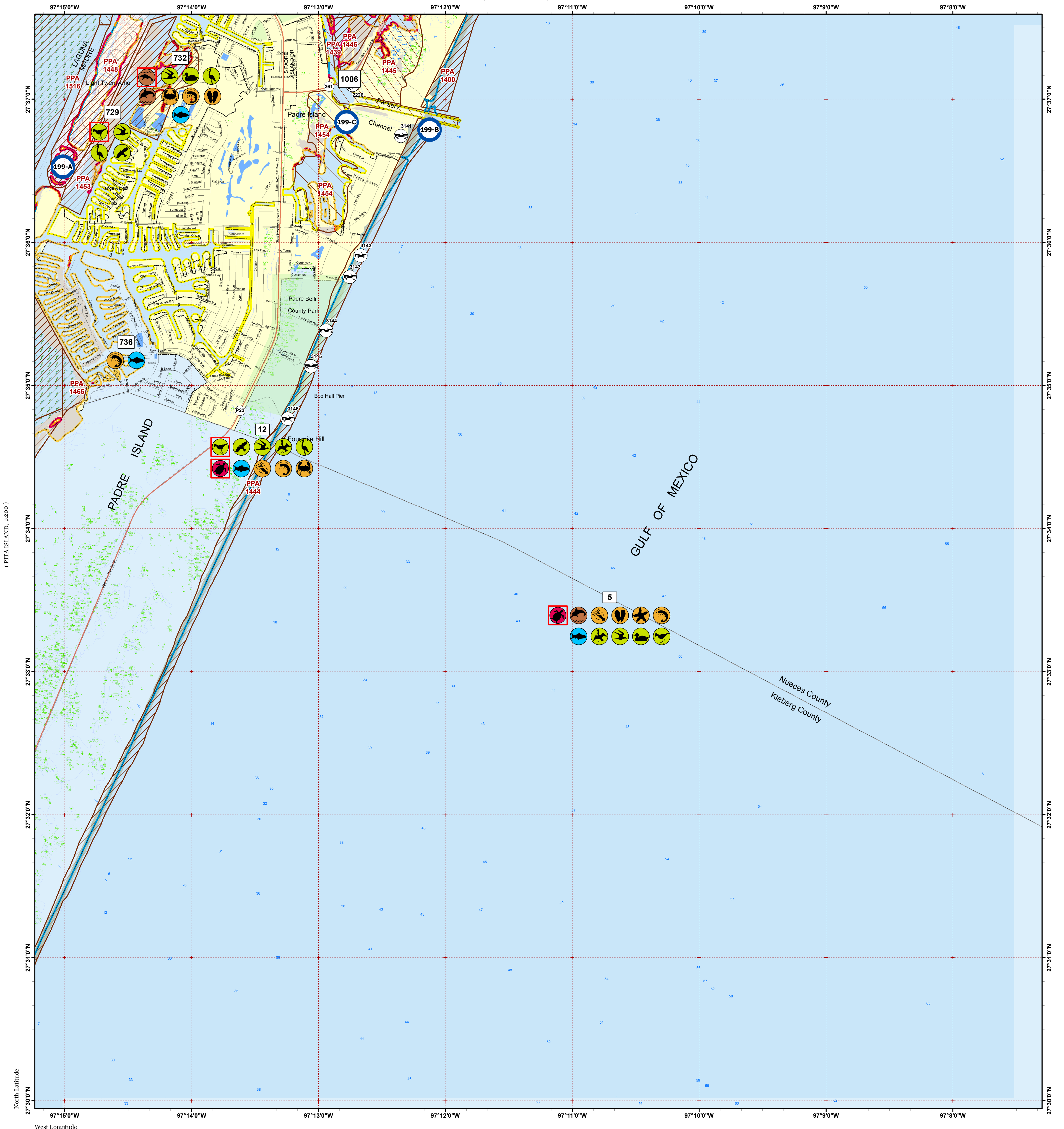


CRANE ISLANDS SW

(CRANE ISLANDS NW, p.193)

Click Here or Scroll Down for Associated Map Data

Click on the Geographic Response Plan Target to View the ICS Form



(PTA ISLAND, p.200)

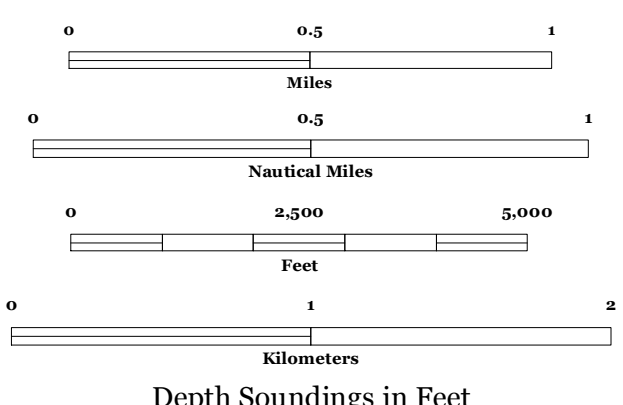
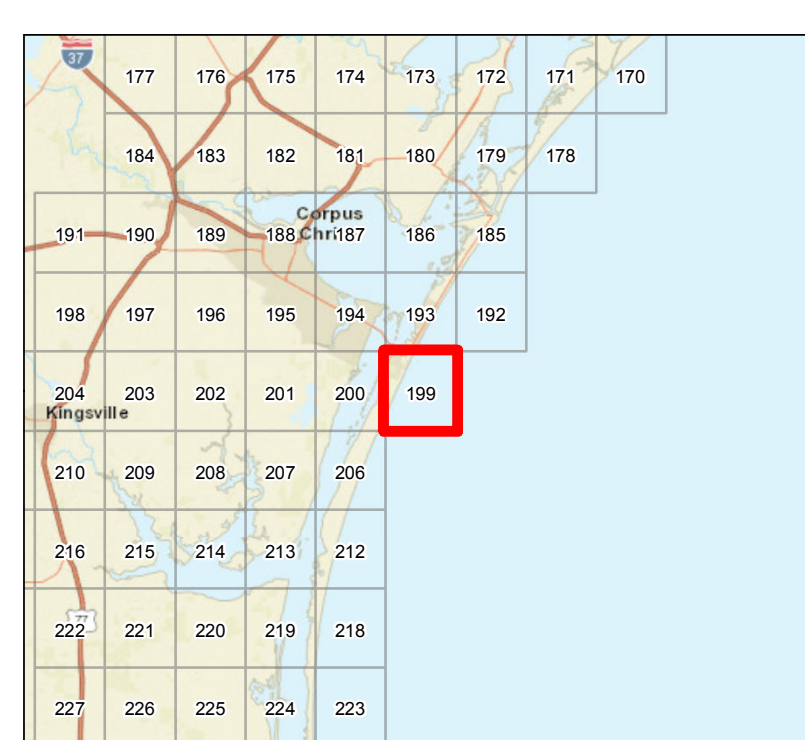
North Latitude

West Longitude



Oil Spill Planning and Response Atlas

2016
The Texas General Land Office makes no representations or warranties regarding the accuracy or completeness of the information depicted on this map or the data from which it was produced. This map is not suitable for navigational purposes and does not purport to depict boundaries of private and public land.



- ### Human Use Features
- Beach Access
 - Boat Ramp
 - Geographic Response Plan

- ### Map Base Layers
- State Highway
 - Road
 - GIWW
 - County/Municipal Parks
 - Estuarine Seagrass or Algae Bed
 - Bays
 - Salt and Brackish Marshes
 - Beach or Tidal Flat
 - Marine Bottom
 - Marine Shoreline
 - Freshwater Marshes
 - Lake / Pond
 - County Boundary
 - City Limits

- ### Priority Protection Areas
- HIGH
 - MEDIUM
 - LOW

- ### Species Icons Within Map Quad
- Turtle T/E
 - Dolphin
 - Benthic Marine
 - Bivalve
 - Cephalopod
 - Crab
 - Echinoderms
 - Shrimp
 - Fish
 - Fish T/E
 - Mammal T/E
 - Diving Bird
 - Gull/Tern
 - Raptor
 - Shorebird
 - Shorebird Endangered
 - Wading
 - Waterfowl

- ### ENVIRONMENTAL SENSITIVITY INDEX
- 10D Mangroves and Woody Vegetation
 - 10C Freshwater Swamps
 - 10B Freshwater Marshes
 - 10A Salt and Brackish Water Marshes
 - 9 Sheltered Tidal Flats
 - 8C Sheltered Rocky/Karst Shores
 - 8D Sheltered Scarps
 - 8B Sheltered Riprap Structures
 - 8A Sheltered Solid Manmade Structures
 - 7 Exposed Tidal Flats
 - 6B Exposed Riprap Structures
 - 6A Gravel or Shell Beaches
 - 5 Mixed Sand and Gravel or Shell Beaches
 - 4 Coarse-Grained Sand Beaches
 - 3B Scarps and Steep Slopes in Sand
 - 3A Fine-Grained Sand Beaches
 - 2B Wave-Cut Clay Platforms
 - 2A Scarps and Steep Slopes in Clay
 - 1 Exposed Walls and Other Solid Structures

Quadrant: CRANE ISLANDS SW

Map # : 199

Biological Information for this quadrant represents known concentration areas of occurrence.

Habitat Priority Protection Areas

PPA ID	PRIORITY	POLY DESC	BIRDS RANK	BIRDS DESC	FISH DESC	FISH RANK	WETLANDS R	WETLANDS D
PPA1400	HIGH	Mustang Island Gulf beach	HIGH	Heavy piping plover use, snowy plover, shorebirds, wading birds, reddish egret; sea turtles				
PPA1439	MEDIUM	Packery Channel	HIGH	foraging area for wading birds, reddish egret, shorebirds	Red drum, southern flounder, shrimp, green sea turtles, snappers, juvenile barracuda, tarpon,	HIGH	MEDIUM	Seagrass, black mangroves
PPA1444	HIGH	Padre Island Gulf beach	HIGH	Shorebirds, piping plover, snowy plover, terns, pelicans; sea turtles				
PPA1445	MEDIUM	Flats east of Route 361	MEDIUM	Numbers of piping plover, foraging area for wading birds, reddish egret	Nursery	MEDIUM	MEDIUM	
PPA1446	HIGH	Flats east of Packery Channel	HIGH	Numbers of piping plover, foraging area for wading birds, reddish egret	Nursery	MEDIUM		
PPA1448	HIGH	Spoil islands east of Light Twenty-one	HIGH	TCWS rookery (614-300), piping plover use, few waterfowl, peregrine falcons	Nursery	HIGH	MEDIUM	Seagrass (primarily Halodule); Salicornia, Batis, sand and algal flat fringing spoil islands
PPA1453	HIGH	Western Padre Island flats	MEDIUM	Piping plover use	Nursery	HIGH	MEDIUM	Mud and algal flat, high and low marsh
PPA1454	LOW	South end of Packery Channel marsh			Some fishing	LOW	LOW	Fresh to brackish marsh (cattails, Batis)
PPA1465	HIGH	Laguna Madre	HIGH		Nursery	HIGH	HIGH	Seagrass (primarily Halodule)
PPA1516	HIGH	Laguna Madre seagrass flats	HIGH	Waterfowl feeding area; very important redhead feeding area.	Fish and invertebrate nursery	HIGH	HIGH	SAV: Halodule wrightii dominant with scattered Syringodium filiforme, Ruppia maritima and Halophila engelmannii, drift algae

Biological Resources

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING	
12	Brown pelican				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-AUG	APR-AUG	APR-AUG	
	Terns				X	X	X	X	X	X	X	X	X	X	X	X					
	Peregrine falcon				X	X	X	X	X				X	X	X	X					
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X					
	Ruddy turnstone				X	X	X	X	X				X	X	X	X					
	Sanderling				X	X	X	X	X				X	X	X	X					
	Red knot		T					X	X				X	X							
	Western sandpiper	C			X	X	X	X			X	X	X	X	X	X					
	Snowy plover				X	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Piping plover		T		X	X	X	X	X		X	X	X	X	X	X					
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Willet				X	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
5	Franklin's gull							X	X	X			X	X	X						
	Northern gannet				X	X	X	X						X	X	X					
	Black tern						X	X	X	X	X	X	X	X	X					JUL-JUN	
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X					
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X					
729	Terns				X	X	X	X	X	X	X	X	X	X	X	X					
	Black skimmer	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP	
	Peregrine falcon				X	X	X	X	X				X	X	X	X					
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X					
	Red knot		T					X	X				X	X							
	Piping plover		T		X	X	X	X	X		X	X	X	X	X	X					
732	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG	
	Terns				X	X	X	X	X	X	X	X	X	X	X	X					
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG	
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X					
	Northern pintail	C		HIGH	X	X	X	X					X	X	X	X					
	Lesser scaup				X	X	X	X					X	X	X	X					
Redhead			VERY HIGH	X	X	X	X	X					X	X	X						

Fish

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
12	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Sharks				X	X	X	X	X	X	X	X	X	X	X	X		
	Gulf kingfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Rays				X	X	X	X	X	X	X	X	X	X	X	X		
	Florida pompano				X	X	X	X	X	X	X	X	X	X	X	X		FEB-OCT
	Leatherjacket				X	X	X	X	X	X	X	X	X	X	X	X		
5	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Sharks				X	X	X	X	X	X	X	X	X	X	X	X		
	Striped anchovy				X	X	X	X	X	X	X	X	X	X	X	X		MAR-MAY
	Sheepshead				X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	FEB-APR
	Silver seatrout				X	X	X	X	X	X	X	X	X	X	X	X		MAY-OCT
	Ladyfish							X	X	X	X	X	X	X	X			SEP-OCT
Tarpon				X	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	

Fish

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
	Southern kingfish (whiting)				X	X	X	X	X	X	X	X	X	X	X	X		JUL-NOV
	Gulf kingfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Star drum				X	X	X	X	X	X	X	X	X	X	X	X		
	Blennies				X	X	X	X	X	X	X	X	X	X	X	X		
	Snook				X	X	X	X	X	X	X	X	X	X	X	X		JUN-JUL
	Pigfish				X				X	X	X	X	X	X	X	X		MAR-APR
	Rays				X	X	X	X	X	X	X	X	X	X	X	X		
	Atlantic threadfin				X	X	X	X	X	X	X	X	X	X	X	X		DEC-APR
	Soles				X	X	X	X	X	X	X	X	X	X	X	X		
	Inshore lizardfish				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	ALLYEAR
	Florida pompano				X	X	X	X	X	X	X	X	X	X	X	X		FEB-OCT
	Crevalle jack				X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-SEP
	Mackerels						X	X	X	X	X	X	X	X				
	Spanish mackerel				X	X	X	X	X	X	X	X	X	X	X	X		
	Sergeant major				X	X	X	X	X	X	X	X	X	X	X	X		ALLYEAR
	Gray triggerfish				X	X	X	X	X	X	X	X	X	X	X	X		OCT-DEC
	Blue runner				X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	JAN-AUG
	Atlantic spadefish				X	X	X	X	X	X	X	X	X	X	X	X		MAY-SEP
	Atlantic bumper				X	X	X	X	X	X	X	X	X	X	X	X		
	Little tunny				X	X	X	X	X	X	X	X	X	X	X	X		APR-NOV
	Grunts				X	X	X	X	X	X	X	X	X	X	X	X		
	Scaled sardine				X	X	X	X	X	X	X	X	X	X	X	X		FEB-JUL
	Gray snapper				X	X	X	X	X	X	X	X	X	X	X	X	APR-NOV	JUN-SEP
	Snappers				X	X	X	X	X	X	X	X	X	X	X	X		
	Goatfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Leatherjacket				X	X	X	X	X	X	X	X	X	X	X	X		
	Harvestfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Gulf butterfish				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	
	Bluefish				X	X	X	X	X	X	X	X	X	X	X	X		SEP-NOV
	Atlantic moonfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Groupers				X	X	X	X	X	X	X	X	X	X	X	X		
	Longspine porgy				X	X	X	X	X	X	X	X	X	X	X	X		
	Atlantic needlefish				X	X	X	X	X	X	X	X	X	X	X	X		JUN-AUG
	Permit				X	X	X	X	X	X	X	X	X	X	X	X		
	Atlantic cutlassfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Southern hake				X	X	X	X	X	X	X	X	X	X	X	X		
732	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Black drum			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
736	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY

Invertebrate

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
12	Ghost crab				X	X	X	X	X	X	X	X	X	X	X	X		
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
5	Molluscs				X	X	X	X	X	X	X	X	X	X	X	X		
	Echinoderms				X	X	X	X	X	X	X	X	X	X	X	X		
	Cnidarians				X	X	X	X	X	X	X	X	X	X	X	X		
	Polychaetes				X	X	X	X	X	X	X	X	X	X	X	X		
	Mantis shrimp				X	X	X	X	X	X	X	X	X	X	X	X		
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
732	Dwarf surf clam				X	X	X	X	X	X	X	X	X	X	X	X		MAY-NOV
	Gulf grassflat crab				X	X	X	X	X	X	X	X	X	X	X	X		
	Arrow shrimp				X	X	X	X	X	X	X	X	X	X	X	X		
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
736	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		

Mammal

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING	MATING	CALVING
5	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
732	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					

Reptile

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	LARV/JUV
12	Loggerhead sea turtle		T		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
	Kemp's ridley sea turtle		E		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
5	Loggerhead sea turtle		T		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
	Green sea turtle		T		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
	Leatherback sea turtle		E	LOW	X	X	X	X	X	X	X	X	X	X	X	X				ALLYEAR
	Atlantic hawksbill sea turtle		E	LOW				X	X	X	X	X	X	X						APR-OCT
	Kemp's ridley sea turtle		E		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR

Human Use Resources

Beach Access	RARNUM	NAME	CONTACT	CONTACT INFO
	3141	Zahn Road		
	3142	Whitecap Boulevard		
	3143	Beach Access Road 4		
	3144	Beach Access Road 5		
	3145	Padre Balli Park Road		
	3146	Beach Access Road 6		
Boat Ramp	RARNUM	NAME	CONTACT	CONTACT INFO
	2226	Packery Channel		

1. Incident Name	2. Operational Period (Date/Time)	Assignment List ICS 204-OS
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3. Branch	4. Division/Group
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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: High vessel traffic with dangerous wakes possible. Strong currents. Slip, trip and fall hazard. Proper PPE is required.

8. Site Number: 199-A	9. Quad Name Crane Islands SW	10. NOAA Chart # 11308	11. GLO Atlas Page # 199	12. County Nueces
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13. Site Information: 199-A Location is on Crane Island SW, on the south bank of Packery Channel across from the boat ramp. Entry to Padre Island Canals. High economic impact due to residential, vacation, rental and recreational use.	14. Latitude From: 27°36'33.08" N	To:
	15. Longitude From: 97°15'5.1" W	To:

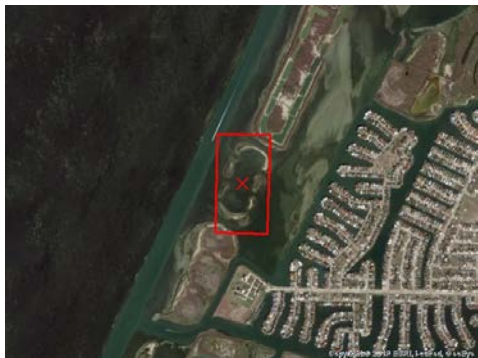
16. Closest Boat Ramp Marker 37 Marina	17. Distance From Ramp 1.5 NM	18. Boat Type Shallow draft work boats
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19. Directions From Local Sector Take Hwy 286 (Crosstown Expy) south to Hwy 358 (S. Padre Island Drive) east, continue to Padre Island. Exit immediately after JFK Causeway. Follow road to south for approximately 0.5 mile to Mile Marker 37 Boat Ramp. Sites are located south of boat ramp	20. Closest Airport Mustang Beach Airport, Port Aransas
	21. Closest Helo Spot

22. Trustee/Contact Numbers USCG: (361) 888-3162 RRC: 361-242-3113 USCG DUTY: 361-533-7166 TPWD: (512)-389-4848 TGLO: 361-886-1650 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-994-9005	23. Resources at Risk Atlas Priority High Environmental High Economic High	24. Width of inlet 220 ft in ft. 25. Water depth in ft. 1-3 ft 26. Current 27. No. of Personnel 2-4
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25. Booming Strategy **Recommendation**
Exclusion booming of each inlet between islands (A,B,C,D,E). Secondary boom may be necessary depending on wind, tide, and current conditions.

AERIAL PHOTO



ON SITE PHOTO



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 considerations."

1. Incident Name	2. Operational Period (Date/Time)	Assignment List ICS 204-OS
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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: High vessel traffic with dangerous wakes possible. Strong currents. Slip, trip and fall hazard when working in, on and around jetty rocks. Proper PPE is required.

8. Site Number: 199-B	9. Quad Name Crane Islands SW	10. NOAA Chart # 11307	11. GLO Atlas Page # 199	12. County Nueces
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13. Site Information: 57A Location is on Crane Island NW, Packery Channel Jetty. East of Packery Channel boat ramp. Shorebirds. Nursery habitat. High economic impact due to residential, vacation, rental and recreational use.	14. Latitude From: 27°36'51.61" N	To:	
	15. Longitude From: 97°12'2.48" W	To:	

16. Closest Boat Ramp Packery Channel Boat Ramp	17. Distance From Ramp 0.60 NM	18. Boat Type Shallow to deep draft work boats
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19. Directions From Local Sector Take Hwy 286 (Crosstown Expy) south to Hwy 358 (S. Padre Island Drive) east, continue to Padre Island, north on State Highway 361 approximately 1/2 mile and exit Zahn Rd. to Packery Channel boat ramp. Boat access only. Site is east of ramp within channel	20. Closest Airport Mustang Beach Airport, Port Aransas
	21. Closest Helo Spot

22. Trustee/Contact Numbers USCG: (361) 888-3162 RRC: 361-242-3113 USCG DUTY: 361-533-7166 TPWD: (512)-389-4848 TGLO: 361-886-1650 NRDA: (512) 463 -9309 TCEQ: 361-825-3100 USFWS: 361-994-9005	23. Resources at Risk Atlas Priority High Environmental High Economic High	24. Width of inlet 250 ft in ft. 25. Water depth in ft. 6-10 ft 26. Current 27. No. of Personnel 6-8
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25. Booming Strategy Recommendation Exclusion booming of the entire entrance to Packery Channel. Set boom at appropriate angle to minimize entrainment from North Jetty to South Jetty approximately 100' - 200' from end of jetty depending
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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 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: High vessel traffic with dangerous wakes possible. Strong currents. Slip, trip and fall hazard when working in, on and around jetty rocks. Proper PPE is required.

8. Site Number: 199-C	9. Quad Name Crane Islands SW	10. NOAA Chart # 11307	11. GLO Atlas Page # 199	12. County Nueces
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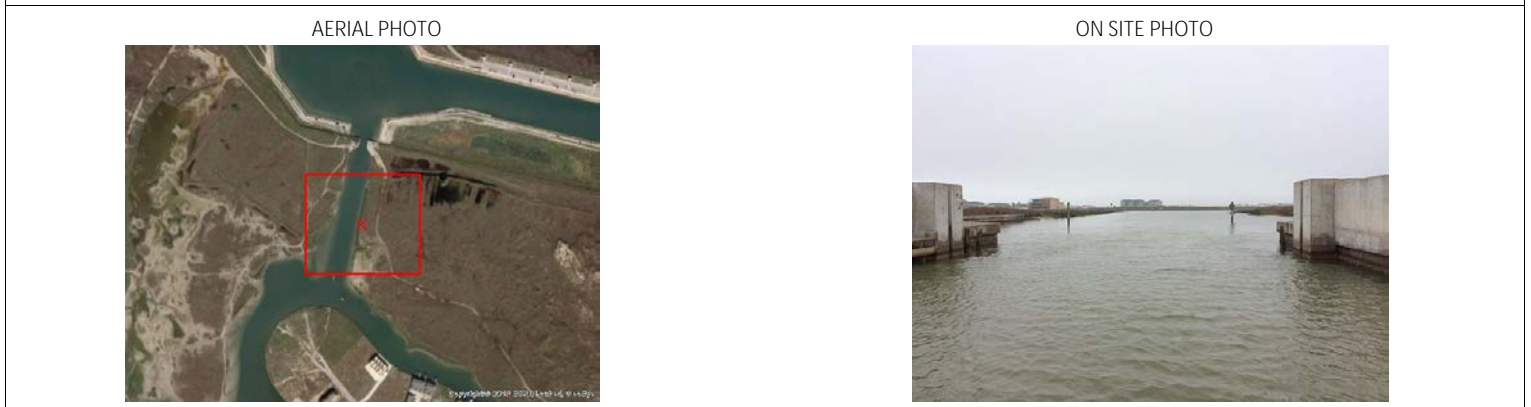
13. Site Information: 199-C Location is on Crane Island SW, on the south bank of Packery Channel across from the boat ramp. Entry to Lake Padre. High economic impact due to residential, vacation, rental and recreational use.	14. Latitude From: 27°36'55.49" N	To:	
	15. Longitude From: 97°12'45.72" W	To:	

16. Closest Boat Ramp Packery Channel Boat Ramp	17. Distance From Ramp 0.16 NM	18. Boat Type Shallow to medium draft work boats
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19. Directions From Local Sector Take Hwy 286 (Crosstown Expy) south to Hwy 358 (S. Padre Island Drive) east, continue to Padre Island, north on State Highway 361 approximately 1/2 mile and exit Zahn Rd. to Packery Channel boat ramp. Boat access only. Site is just south of boat ramp.	20. Closest Airport Mustang Beach Airport, Port Aransas
	21. Closest Helo Spot

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 200 ft in ft.
USCG: (361) 888-3162 RRC: 361-242-3113	Atlas Priority Low	25. Water depth in ft. 2-8 ft
USCG DUTY: 361-533-7166 TPWD: (512)-389-4848	Environmental Low	26. Current
TGLO: 361-886-1650 NRDA: (512) 463 -9309	Economic High	27. No. of Personnel 2-4
TCEQ: 361-825-3100 USFWS: 361-994-9005		

25. Booming Strategy **Recommendation**
Exclusion boom the entire entrance to Lake Padre. Secondary boom may be necessary depending on wind, tide, and current conditions.



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 considerations."