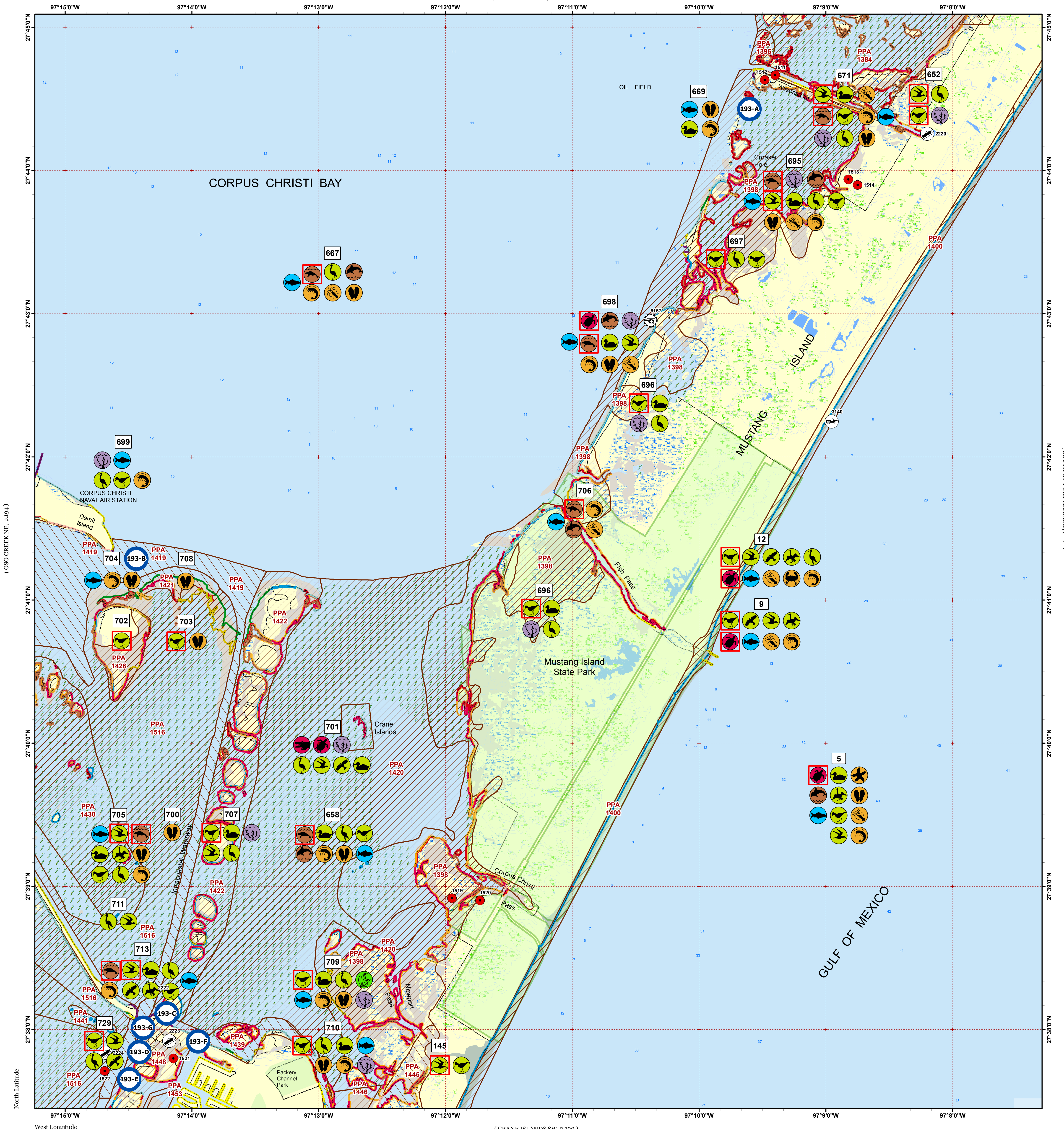


CRANE ISLANDS NW

(PORT INGLESIDE, p.186)

Click Here or Scroll Down for Associated Map Data

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



(OSO CREEK NE, p.194)

(26rd SWSNWV DMO4 FO ILLIOS)

North Latitude

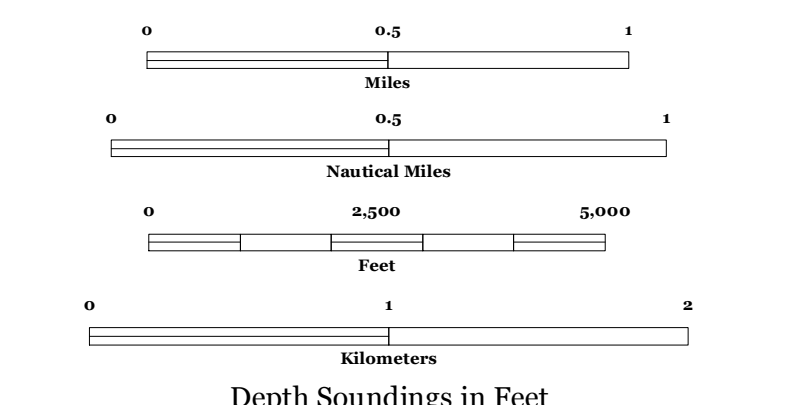
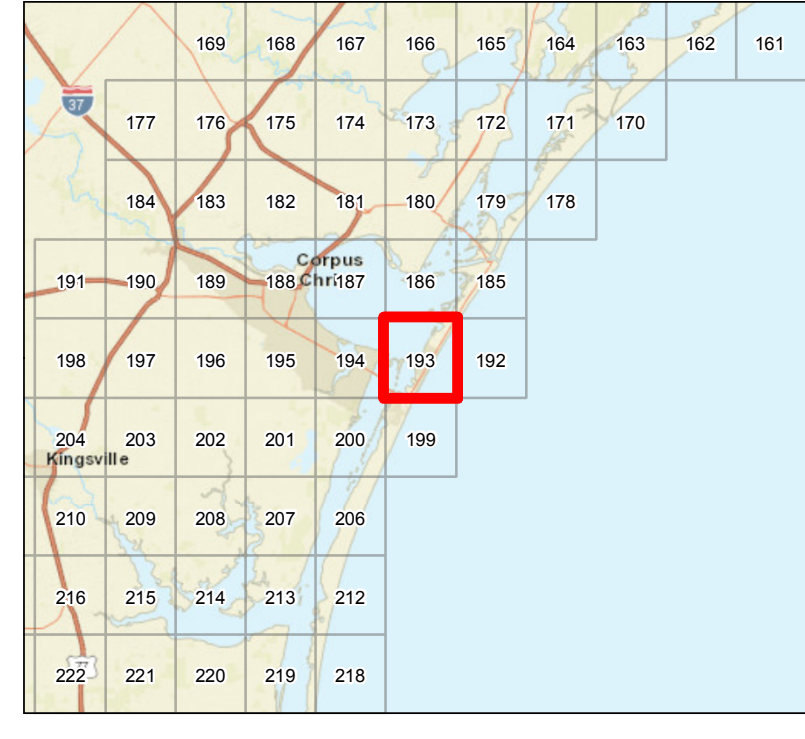
West Longitude

(CRANE ISLANDS SW, p.199)



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
- Facility
- Heliport
- Geographic Response Plan

Priority Protection Areas

- HIGH
- MEDIUM

Map Base Layers

- State Parks/WMA's
- 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

Species Icons Within Map Quad

- Alligator
- Turtle
- Turtle T/E
- Benthic Marine
- Bivalve
- Cephalopod
- Crab
- Echinoderms
- Shrimp
- Fish
- Fish T/E
- Dolphin
- Mammal T/E
- Marsh
- Plant
- Diving Bird
- Gull/Tern
- Gull/Tern T/E
- 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 NW

Map # :193

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
	HIGH	Crane Islands colonial waterbird rookery, colony code 614-241	High	Tri-colored herons, Reddish egrets, Gull-billed terns				
PPA1384	HIGH	Flats, marshes on west shore of Mustang Island	HIGH		Important nursery	HIGH	HIGH	Mud flats, low salt marsh (Spartina, Salicornia, Batis)
PPA1395	HIGH	Flats on west side of Mustang Island	HIGH	Piping plover use, other shorebirds				Algal mat
PPA1398	HIGH	West shore of Mustang Island	MEDIUM		Nursery; recreational fishing (spotted seatrout)	HIGH	HIGH	Seagrass (Halodule)
PPA1400	HIGH	Mustang Island Gulf beach	HIGH	Heavy piping plover use, snowy plover, shorebirds, wading birds, reddish egret; sea turtles				
PPA1419	MEDIUM	Boat Hole, Laguna Madre south of Demit Island, and ICW	MEDIUM		Nursery, deep water refuge, migration route, recreational fishing	HIGH		
PPA1420	HIGH	Laguna Madre east of ICW	HIGH	Heavy waterfowl use; shorebirds, reddish egrets, occasional ospreys	Important nursery, excellent recreational fishing, scattered oyster	HIGH	HIGH	Extensive seagrass (Halodule, occ. Syringodium); Spartina fringe marsh on islands
PPA1421	MEDIUM	Islands in Laguna Madre	HIGH	Piping plover				Algal flat, shell grading to marsh
PPA1422	HIGH	Northernmost spoil islands east of ICW	HIGH	Causeway Islands colonial waterbird rookery (614-240) with gulls, wading birds, least tern; few piping plover, black skimmer, reddish egret, Forsters tern			LOW	Fringe marsh (Batis-Salicornia), mud and algal flat
PPA1426	HIGH	Flats of island in Laguna Madre	MEDIUM	Naval Air Station colonial waterbird rookery (614-221), Piping plovers, reddish egret, Forster's tern, black skimmers				LOW
PPA1430	HIGH	Islands north of Kennedy Causeway	HIGH	Important rookery (614-221) for gulls, terns, skimmers, some wading birds; heavy waterfowl use (redhead, pintail), shorebirds, occasional ospreys	Nursery area, excellent fishing	HIGH	HIGH	Extensive high-quality seagrass beds (Halodule, some Syringodium), Spartina alterniflora fringe marsh on islands
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
PPA1441	HIGH	Spoil islands south of Kennedy Causeway	HIGH	Rookery (614-222); gulls, terns, wading birds				Sand and algal flat, low marsh, Spartina fringe
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
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		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		MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Willet				X	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	APR-AUG	APR-AUG	MAY-SEP
145	Black skimmer	C			X	X	X	X	X	X	X	X	X	X	X		APR-SEP	APR-SEP	APR-SEP	APR-SEP	
	Least tern		E				X	X	X	X	X	X	X	X			APR-SEP	APR-SEP	MAY-SEP	MAY-SEP	
5	Shorebirds				X	X	X	X	X	X	X	X	X	X	X						
	Franklin's gull							X	X	X			X	X	X						
	Northern gannet				X	X	X	X						X	X	X					

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
	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				
652	Least tern		E				X	X	X	X	X	X	X	X			APR-SEP	APR-SEP	MAY-SEP	MAY-SEP
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Red knot		T				X	X				X	X							
	Snowy plover				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				
	Wilson's plover	C					X	X	X	X	X	X	X	X			MAR-AUG			
	American avocet				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
	Roseate spoonbill				X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
658	Shorebirds				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				
667	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
669	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	Redhead				X	X	X	X	X					X	X	X				
	American white pelican	C			X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
671	Laughing gull				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Least tern		E				X	X	X	X	X	X	X	X			APR-SEP	APR-SEP	MAY-SEP	MAY-SEP
	Forster's tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	MAR-SEP
	Shorebirds				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	APR-JUL	APR-JUL	APR-JUL	MAY-AUG
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Tricolored heron	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	White ibis				X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUN	FEB-JUN	FEB-JUN	MAR-JUL
	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	Northern shoveler				X	X	X	X	X				X	X	X	X				
	Lesser scaup				X	X	X	X					X	X	X	X				
	Redhead				X	X	X	X	X					X	X	X				
695	Least tern		E				X	X	X	X	X	X	X	X			APR-SEP	APR-SEP	MAY-SEP	MAY-SEP
	Shorebirds				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
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	Northern shoveler				X	X	X	X	X				X	X	X	X				
	Lesser scaup				X	X	X	X					X	X	X	X				
	Redhead				X	X	X	X	X					X	X	X				
696	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				
	Rails				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
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Clapper rail				X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	APR-SEP
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Mottled duck	C			X	X	X	X	X	X	X	X	X	X	X	X	JAN-AUG	JAN-AUG	JAN-AUG	FEB-SEP
697	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				
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
698	Black skimmer	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	American white pelican	C			X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
699	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Rails				X	X	X	X	X	X	X	X	X	X	X	X				
701	Terns				X	X	X	X	X	X	X	X	X	X	X	X				
	Laughing gull			720	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Black skimmer	C		25	X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Forster's tern			18	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	MAR-SEP
	Gull-billed tern			41	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Peregrine falcon				X	X	X	X	X				X	X	X	X				
	Rails				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
	Roseate spoonbill				X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	Great blue heron			12	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Reddish egret			6	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Tricolored heron	C		26	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	Waterfowl				X	X	X	X				X	X	X	X	X				
	American wigeon				X	X	X	X					X	X	X					
	Gadwall				X	X	X	X					X	X	X	X				
702	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				
703	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							
	Snowy plover				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				
705	Brown pelican				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-AUG	APR-AUG	APR-AUG
	Laughing gull				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Black skimmer	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Least tern		E				X	X	X	X	X	X	X	X			APR-SEP	APR-SEP	MAY-SEP	MAY-SEP
	Caspian tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	MAR-JUN	MAR-JUN	MAR-JUL
	Forster's tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	MAR-SEP
	Sooty tern						X	X	X	X	X	X	X	X						
	Royal tern				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Gull-billed tern																			

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
	Roseate spoonbill			6	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	Great blue heron			26	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Great egret			12	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Snowy egret	C		24	X	X	X	X	X	X	X	X	X	X	X	X				
	Tricolored heron	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	Waterfowl				X	X	X	X				X	X	X	X	X				
	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	Redhead				X	X	X	X	X					X	X	X				
	American white pelican	C			X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
707	Terns				X	X	X	X	X	X	X	X	X	X	X	X				
	Laughing gull			9	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	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				
	Black-crowned night-heron				X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	APR-SEP
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Great blue heron			8	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Cattle egret				X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	APR-JUL	APR-AUG
	Great egret			2	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Little blue heron				X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	APR-JUL	MAY-AUG
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Tricolored heron	C		4	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	Black-bellied whistling-duck				X	X	X	X	X	X	X	X	X	X	X	X			MAY-OCT	JUL-OCT
709	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Red knot		T					X	X			X	X							
	Snowy plover				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	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	Redhead			HIGH	X	X	X	X	X					X	X	X				
710	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				
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	Redhead			HIGH	X	X	X	X	X					X	X	X				
711	Laughing gull				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Black skimmer	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Caspian tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	MAR-JUN	MAR-JUN	MAR-JUL
	Forster's tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	MAR-SEP
	Sooty tern					X	X	X	X	X	X	X	X	X						
	Gull-billed tern				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Tricolored heron	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
713	Brown pelican				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-AUG	APR-AUG	APR-AUG
	Laughing gull			5774	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Black skimmer	C		42	X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Least tern		E				X	X	X	X	X	X	X				APR-SEP	APR-SEP	MAY-SEP	MAY-SEP
	Caspian tern			122	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	MAR-JUN	MAR-JUN	MAR-JUL
	Forster's tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	MAR-SEP
	Sooty tern					X	X	X	X	X	X	X	X							
	Royal tern			917	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Gull-billed tern			24	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Sandwich tern			190	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Osprey				X	X	X	X	X	X	X	X	X	X	X	X				
	Black-crowned night-heron			2	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	APR-SEP
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Great blue heron			94	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Great egret			46	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Reddish egret			42	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Snowy egret	C		24	X	X	X	X	X	X	X	X	X	X	X	X				
	Tricolored heron	C		30	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	White ibis			1	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUN	FEB-JUN	FEB-JUN	MAR-JUL
	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	X				
	Northern shoveler				X	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				
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				
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
9	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				
	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				
	Red knot		T					X	X			X	X							
	Piping plover		T		X	X	X	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
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Fish

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
	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				SEP-OCT
	Tarpon				X	X	X	X	X	X	X	X	X	X	X	X		APR-JUL
	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		
658	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
667	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		
	Sheepshead				X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	FEB-APR
	Gafftopsail catfish				X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-AUG
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	Silver perch				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	APR-SEP
	Atlantic needlefish				X	X	X	X	X	X	X	X	X	X	X	X		JUN-AUG
669	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Sheepshead				X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	FEB-APR
	Gafftopsail catfish				X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-AUG
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
671	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Gafftopsail catfish				X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-AUG
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	Silver perch				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	APR-SEP
	Spotfin mojarra				X	X	X	X	X	X	X	X	X	X	X	X		
	Silver jenny				X	X	X	X	X	X	X	X	X	X	X	X		APR-AUG
	Cownose ray				X	X	X	X	X	X	X	X	X	X	X	X		
695	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Silver perch				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	APR-SEP
	Silver jenny				X	X	X	X	X	X	X	X	X	X	X	X		APR-AUG
698	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
	Atlantic stingray				X	X	X	X	X	X	X	X	X	X	X	X		DEC-APR
	Cownose ray				X	X	X	X	X	X	X	X	X	X	X	X		
699	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
704	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Sheepshead				X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	FEB-APR
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
705	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
706	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
	Blackcheek tonguefish				X	X	X	X	X	X	X	X	X	X	X	X		MAY-OCT
709	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
710	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
713	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Sheepshead				X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	FEB-APR
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
9	Native fish community				X	X	X	X	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
	Sharks				X	X	X	X	X	X	X	X	X	X	X	X		
	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		
	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
	Mackerels						X	X	X	X	X	X	X	X				
	Leatherjacket				X	X	X	X	X	X	X	X	X	X	X	X		
	Permit				X	X	X	X	X	X	X	X	X	X	X	X		

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		
658	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
667	Dwarf surf clam				X	X	X	X	X	X	X	X	X	X	X	X		MAY-NOV
	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		
	Atlantic brief squid				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		
669	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
671	Eastern oyster			LOW	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
695	Eastern oyster			LOW	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
698	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Quahog (hard clam)				X	X	X	X	X	X	X	X	X	X	X	X		JUN-DEC
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
699	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
700	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
703	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
704	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
705	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
706	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
708	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
709	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
710	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
713	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
9	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		

Marine 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
658	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					
667	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					
671	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
695	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					
698	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					
705	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
706	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					
713	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

Reptile

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	LARV/JUV
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
698	Green sea turtle		T		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
701	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-DEC	JUN-DEC	ALLYEAR
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
9	Loggerhead sea turtle		T		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
	3140	Beach Access Road 2		
Boat Ramp	RARNUM	NAME	CONTACT	CONTACT INFO
	2220	Wilsons Cut		nuecesnuecesrio@wilsonscut
	2222	Clems Marina and Fishing Pier		nuecesnuecesrio@clemsmarina
	2223	Billings Bait and Tackle		nuecesnuecesrio@billings
	2224	Marker 37		nuecesnuecesrio@marker37
Facility	RARNUM	NAME	CONTACT	CONTACT INFO
	1511	Fieldwood MU 883 Tank Battery	Terry Delahoussaye	337-354-8000
	1512	Mustang Island ST 428 & 436	Chris Cole	866-478-8770
	1513	TR North Pipeline System Battery	David Williams	800 333-9246
	1514	TR Tejas Gathering System Battery	David Williams	800 333-9246
	1519	TR South Mustang Island Separation Facility	David Williams	1-800-333-9246
	1520	Mustang Island 901 South Separation	Glen Flew	866-478-8770
	1521	Billings' Bait & Tackle	Eugene R. Gianotti	361-549-8227
	1522	Marina 37 Services L.L.C. DBA Marker 37	Matthew McNeill	3619494750
Heliport	RARNUM	NAME	CONTACT	CONTACT INFO
	6157	MUSTANG ISLAND	XS45	HOUSTON, TX 77042

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: There are a lot of rattlesnakes in the saltgrass marshes. Tidal flats are very shallow with lots of flow lines in the area. Airboat would be preferred transportation.

8. Site Number: 193-A	9. Quad Name Crane Islands NW	10. NOAA Chart # 11308	11. GLO Atlas Page # 193	12. County Nueces
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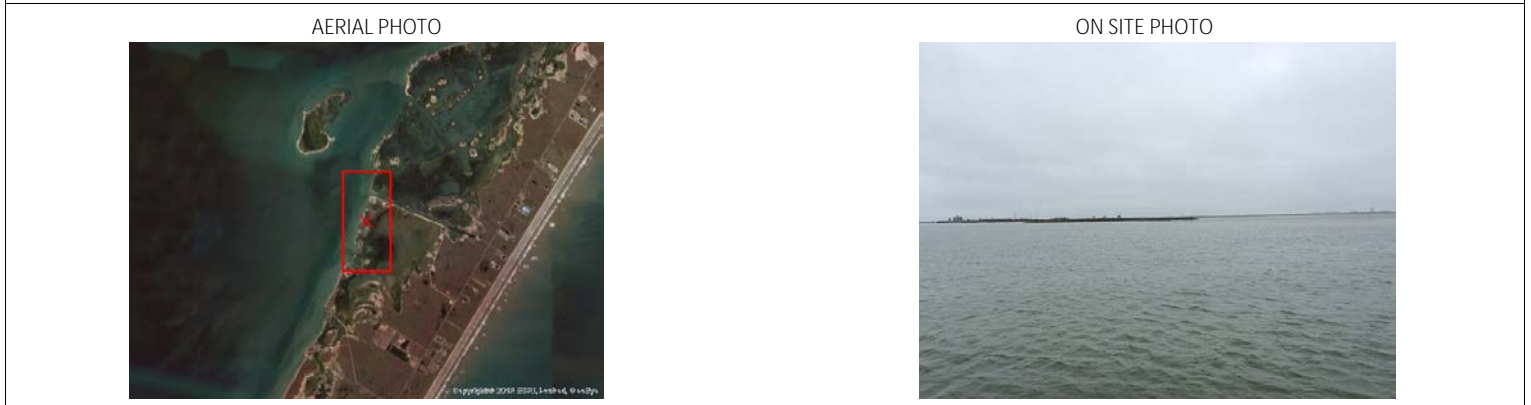
13. Site Information: 193-A Sheltered tidal flats within vegetated margins, Very Shallow: airboat only in flats, The backside of Shamrock Island would be a natural collection point due to southeasterly prevailing wind. At Crane Islands on boat hole area (NAS) within SE wind oil would congregate at the corner where NAS Marina is located.	14. Latitude From: 27-57 to 27-48	To:	
	15. Longitude From: 97-15 to 97-06	To:	

16. Closest Boat Ramp Wilson cut, Marker 37, Port Aransas, Island Moorings	17. Distance From Ramp	18. Boat Type Airboat would be preferred transportation
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19. Directions From Local Sector Wilson's Cut has very soft sand, a 4x4 vehicle is needed. There are no signs from the road to indicate the location of Wilson's Cut. The entrance is across from the Sea Gull and Sandpiper Condos.	20. Closest Airport Port Aransas; Restricted Air Space over Corpus Christi Bay due to
	21. Closest Helo Spot Port Aransas; Restricted Air Space over Corpus Chr



22. Trustee/Contact Numbers	23. Resources at Risk High	24. Width of inlet in ft. Wilson cut 95', Glen Cove 180', Pink Shack Cove 180', Atlantic Cut 300'
USCG: (361) 888-3162 RRC: 361-242-3113	Atlas Priority	25. Water depth in ft. Very Shallow
USCG DUTY: 361-533-7166 TPWD: (512) 389-4848	Environmental High Sensitive area from Crane Islands to Port Aransas, Seasonal: Bird Rookeries for Pelicans, Piping Plovers	26. Current
TGLO: 361-886-1650 NRDA: (512) 463 -9309	Economic Marinas at JFK would be at risk	27. No. of Personnel 6
TCEQ: 361-825-3100 USFWS: 361-994-9005		

25. Booming Strategy **Recommendation**
Deflection Boom: Would work for Shamrock Island on bayside. Protection Booming: Around all inlets to Tidal Flat areas. Collection Booming: Wherever the oil will let you collect. Special skimmers from all available resources that can handle shallow water response.



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: There are a lot of rattlesnakes in the saltgrass marshes. Tidal flats are very shallow with lots of flow lines in the area. Airboat would be preferred transportation. Alternative technology plans would probably not work due to population around NAS Flour Bluff.					
8. Site Number: 193-B	9. Quad Name Crane Islands NW		10. NOAA Chart # 11308	11. GLO Atlas Page # 193	12. County Nueces
13. Site Information: sz9 Sheltered tidal flats within vegetated margins. Very Shallow; airboat only in flats, The backside of Demit Island would be a natural collection point due to southeasterly prevailing wind. At Crane Islands on boat hole area (NAS) within SE wind oil would gather.				14. Latitude From: 27-57 to 27-48	To:
				15. Longitude From: 97-15 to 97-06	To:
16. Closest Boat Ramp Wilson cut, market 3T, Glenn's Marina, Port Aransas, Island			17. Distance From Ramp	18. Boat Type Airboat would be preferred transportation	
19. Directions From Local Sector Bristol Resources would be good access to Shamrock by land. There is a locked gate to enter Bristol from Hwy 361. Wilson's Cut has very soft sand, a 4x4 vehicle is needed. There are no signs from the road to indicate the location of Wilson's Cut. The entrance is across from the Sea Gull and Sandpiper Condos.				20. Closest Airport Port Aransas; Restricted Air Space over Corpus Christi Bay due to	
				21. Closest Helo Spot Port Aransas; Restricted Air Space over Corpus Christi	
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/Med Environmental sensitive area from Crane Islands to Port Aransas, Seasonal: Bird Rookeries from Pelicans, Piping Economic Marinas at JFK would be at risk a		24. Width of inlet Wilson cut 95', Glen Cove 180', Pink Shack Cove 180', in ft. 25. Water depth in ft. Very Shallow 26. Current 27. No. of Personnel	
25. Booming Strategy Recommendation 18' Top Tension Boom. Deflection Boom: Would work for Shamrock Island on bayside. Protection Booming: Around all inlets to Tidal Flat areas. Collection Booming: Wherever the oil will let you collect, whether it comes to you, or you go to it.					
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
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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: 193-C	9. Quad Name Crane Islands NW	10. NOAA Chart # 11307,11308	11. GLO Atlas Page # 193	12. County Nueces
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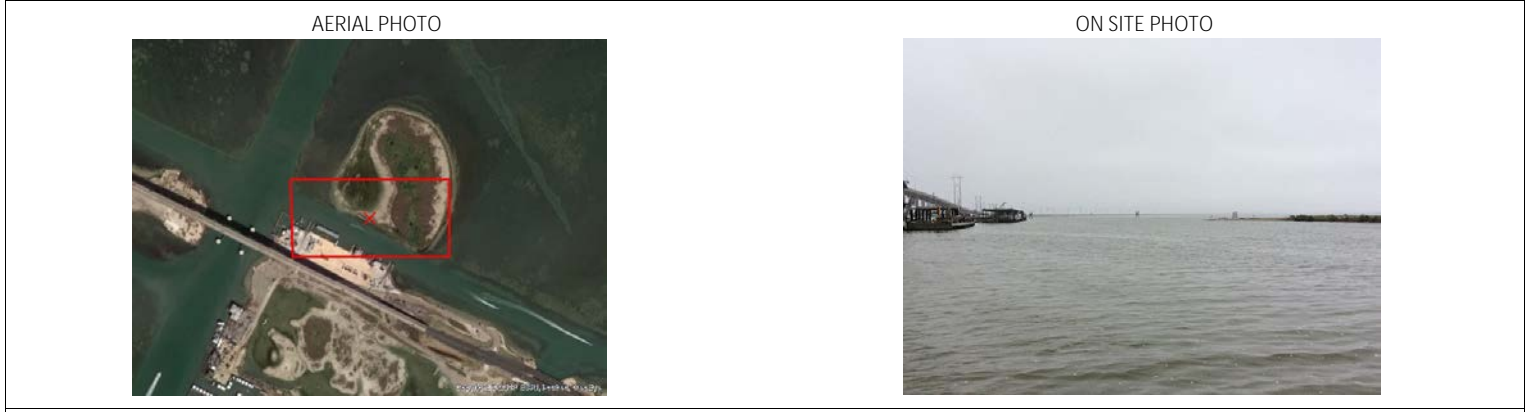
13. Site Information: 193-C Location is on Packery Channel near intersection with Intracoastal Waterway. 2 bait shops and 2 boat ramps. Boats are docked in front of the bait shops. High economic impact due to boats, docks, and bait shop intakes.	14. Latitude From: 27°38'3.3" N	To:	
	15. Longitude From: 97°14'10.3" W	To:	

16. Closest Boat Ramp Billings boat ramp & Clems boat ramp.	17. Distance From Ramp 0 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. Exit immediately after JFK Causeway. Go under bridge to North side.	20. Closest Airport Mustang Beach Airport, Port Aransas
	21. Closest Helo Spot

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 880 ft in ft.
USCG: (361) 888-3162 RRC: 361-242-3113	Atlas Priority Low	25. Water depth in ft. 1-8 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 Protection/exclusion booming of bait shops, piers and boat ramps. Secondary boom may be necessary depending on wind, tide, and current conditions.
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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
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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: 193-D	9. Quad Name Crane Islands NW	10. NOAA Chart # 11307,11308	11. GLO Atlas Page # 193	12. County Nueces
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13. Site Information: 193-D Location is on Intracoastal Waterway. Marker 37 Marina. Flats behind pier lead to canals. Wetlands in near proximity to marina. High economic impact due to boats in marina.		14. Latitude From: 27°37'54.13" N	To:
		15. Longitude From: 97°14'26.36" W	To:

16. Closest Boat Ramp Marker 37 Marina	17. Distance From Ramp 0.1 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. Exit immediately after JFK Causeway. Follow road to South for approximately 0.5 mile to Mile Marker 37 Boat Ramp. Location is the entrance to the marin	20. Closest Airport Mustang Beach Airport, Port Aransas
	21. Closest Helo Spot

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 600 ft in ft.
USCG: (361) 888-3162 RRC: 361-242-3113	Atlas Priority Medium	25. Water depth in ft. 1-8 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 booming of entire marina entrance. Boom across entrance to marina (A) and along backside of pier (B). Water flows freely under pier

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
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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: 193-E	9. Quad Name Crane Islands NW	10. NOAA Chart # 11307,11308	11. GLO Atlas Page # 193	12. County Nueces
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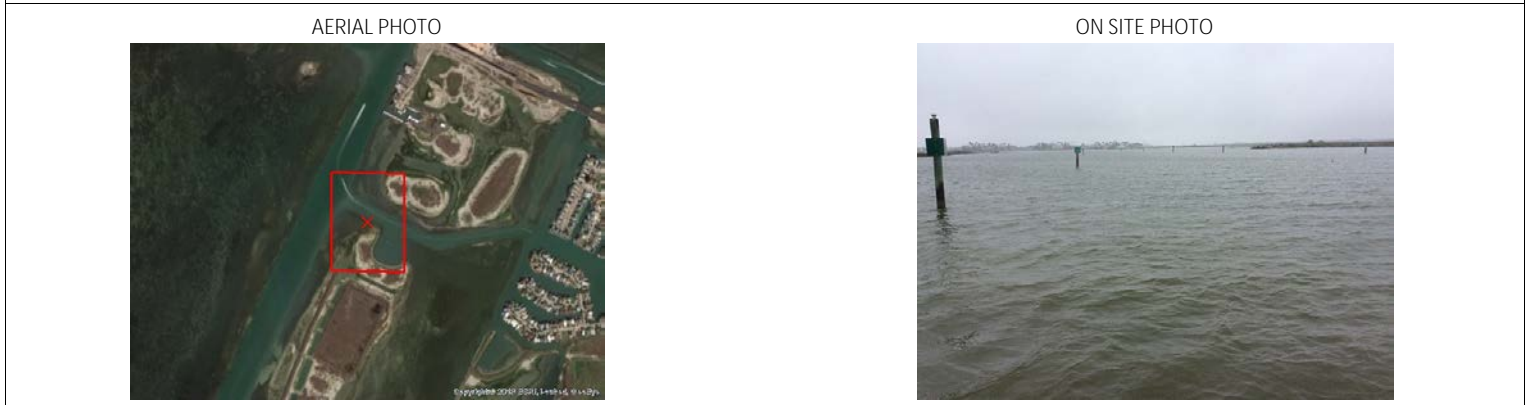
13. Site Information: 193-E Location is on Intracoastal Waterway. Marker 37 Marina. Flats behind pier lead to canals. Wetlands in near proximity to marina. High economic impact due to boats in marina.	14. Latitude From: 27°37'39.78" N	To:	
	15. Longitude From: 97°14'27.47" W	To:	

16. Closest Boat Ramp Marker 37 Marina	17. Distance From Ramp 0.4 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 Marker 37	20. Closest Airport Mustang Beach Airport, Port Aransas
	21. Closest Helo Spot

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 600 ft in ft.
USCG: (361) 888-3162 RRC: 361-242-3113	Atlas Priority Medium	25. Water depth in ft. 1-8 ft
USCG DUTY: 361-533-7166 TPWD: (512) 389-4848	Environmental High	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 booming of entire inlet (across A and B). Secondary boom may be necessary depending on wind, tide, and current conditions. Width of (B) is 600ft.



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
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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 when working in, on and around bridge/shoreline. Proper PPE is required.

8. Site Number: 193-F	9. Quad Name Crane Islands NW	10. NOAA Chart # 11307,11308	11. GLO Atlas Page # 193	12. County Nueces
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13. Site Information: 193-F Location is on Crane Island NW, on the south bank of Packery Channel near Billings Bait Dock and Marina. Shorebirds. Nursery habitat. High economic impact due to residential, vacation, rental and recreational use.	14. Latitude From: 27°37'54.17" N	To:	
	15. Longitude From: 97°13'57.04" W	To:	

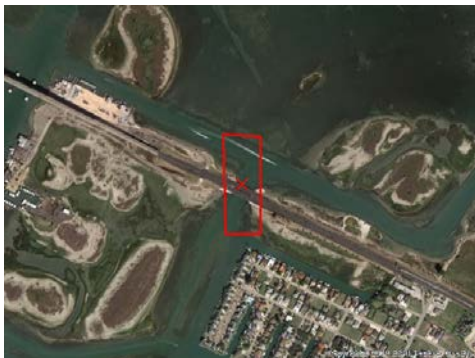
16. Closest Boat Ramp Billings Bait	17. Distance From Ramp 0.16 NM	18. Boat Type Shallow to medium draft work boats
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19. Directions From Local Sector Exclusion booming of the entire entrance to Padre Isles Subdivision Bridge. Tie off points on both north and south side of bridge. Secondary boom may be necessary depending on wind, tide, and current conditions.	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 Medium	25. Water depth in ft. 2-8 ft
USCG DUTY: 361-533-7166 TPWD: (512) 389-4848	Environmental Medium	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 booming of entire inlet (across A and B). 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
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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: 193-G	9. Quad Name Crane Islands NW	10. NOAA Chart # 11307,11308	11. GLO Atlas Page # 193	12. County Nueces
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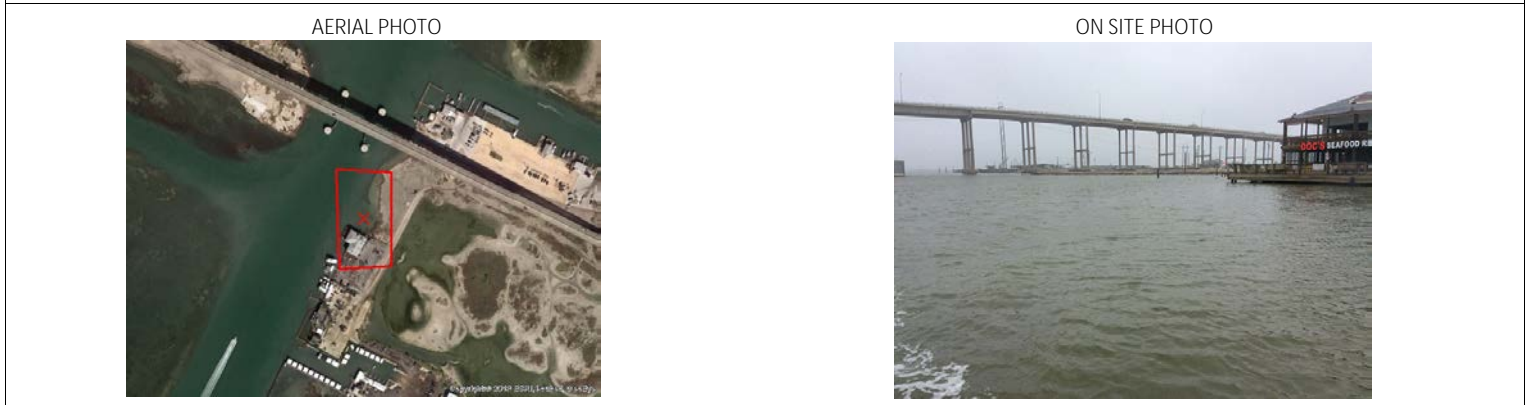
13. Site Information: 193-G Location is on Intracoastal Waterway. Just North of Marker 37 Marina. Boats are usually docked at piers in front of restaurants. High economic impact due to marine related businesses and infrastructure.	14. Latitude From: 27°37'56.56" N	To:	
	15. Longitude From: 97°14'25.72" W	To:	

16. Closest Boat Ramp Marker 37 Marina	17. Distance From Ramp 0.1 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. Exit immediately after JFK Causeway. Follow road to South for approximately 0.5 mile to Marker 37 Marina Boat Ramp. Site is just north of marina entrance.	20. Closest Airport Mustang Beach Airport, Port Aransas
	21. Closest Helo Spot Lone Pine Production Association

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 800 ft in ft.
USCG: (361) 888-3162 RRC: 361-242-3113	Atlas Priority Medium	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 Protection/Exclusion booming of restaurant row. 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."