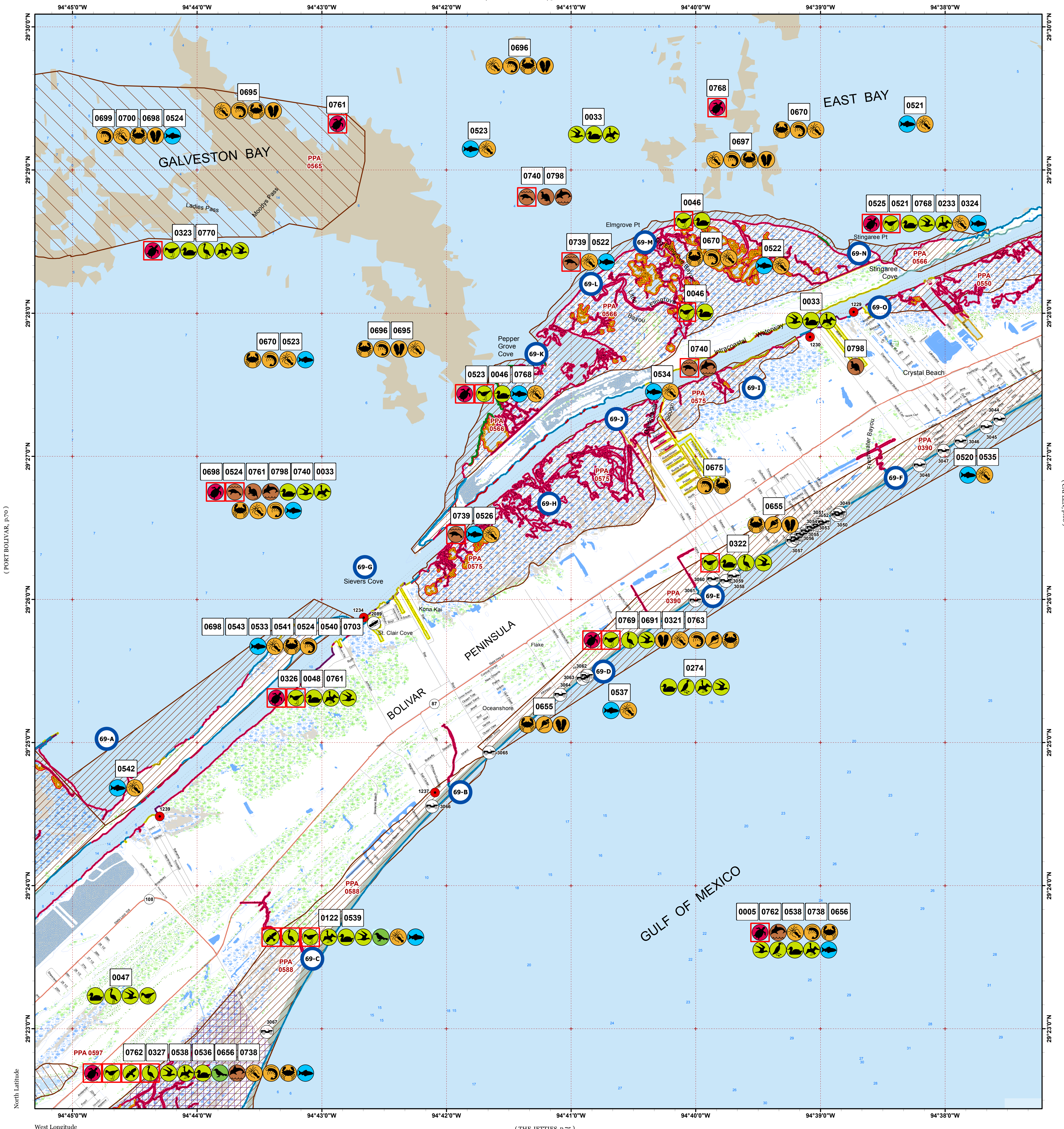


FLAKE

(LAKE STEPHENSON, p.62)

Click Here or Scroll Down for Associated Map Data

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



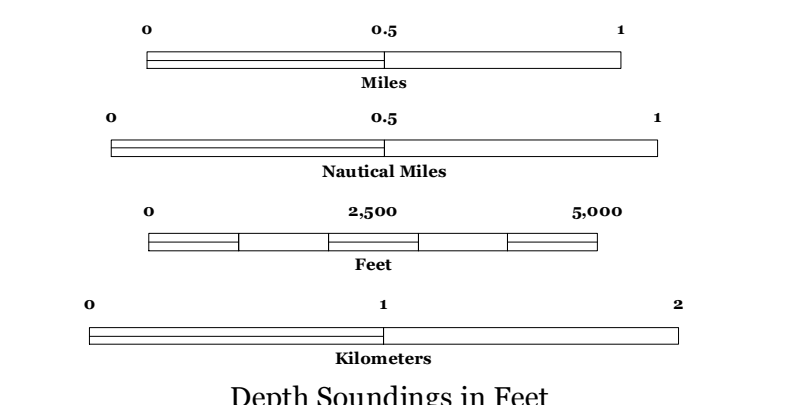
(PORT BOLIVAR, p.70)

(CAPLEIN, p.69)



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
 - Geographic Response Plan

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

(THE JETTIES, p.75)

- ### Map Base Layers
- State Highway
 - Road
 - GIWW
 - Audubon Sanctuaries
 - Oysters
 - Bays
 - Salt and Brackish Marshes
 - Intertidal Scrub/Shrub
 - Beach or Tidal Flat
 - Exposed Lake Shore
 - Marine Bottom
 - Marine Shoreline
 - Freshwater Marshes
 - Swamps and Flooded Woodlands
 - Willow Thickets
 - Lake / Pond
 - County Boundary
 - City Limits

- ### Species Icons Within Map Quad
- Turtle
 - Turtle T/E
 - Benthic Marine
 - Bivalve
 - Cephalopod
 - Crab
 - Gastropod
 - Shrimp
 - Fish
 - Dolphin
 - Mammal T/E
 - Small Mammal
 - Diving Bird
 - Gull/Tern
 - Passerine
 - Pelagic Bird
 - Raptor
 - Raptor Endangered
 - Shorebird
 - Shorebird Endangered
 - Wading
 - Wading Endangered
 - 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: FLAKE

Map # :69

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

Habitat Priority Protection Areas

PPA ID	PRIORITY	POLY DESCRIPTION	BIRDS RANK	BIRDS DESCRIPTION	FISH RANK	FISH DESCRIPTION	WETLANDS RANK	WETLANDS DESCRIPTION
	HIGH	HGNC Bolivar Marsh colonial water bird rookery, 600-550	High	Least terns, Sandwich terns				
PPA0390	HIGH	Gulf shoreline	HIGH	Piping and snowy plovers, willets, ruddy turnstone, other shorebirds, peregrine falcon, terns, brown pelican; high use areas vary				
PPA0550	HIGH	Marsh south of GIWW	HIGH		HIGH	Nursery	HIGH	
PPA0565	LOW	Hanna Reef complex		Diamondback terrapin	HIGH	Oyster reefs, partially emergent; roduction from commercial leases; also recreational fishing		
PPA0566	HIGH	Elmgrove Point marsh; bay inlets are good pinchpoints (e.g. Pepper Grove Cove), contains TNC Elm Grove colonial water bird rookery 600-303	HIGH	Roosting, nesting and feeding area, colonial water bird rookery for Black-crowned night herons and Great blue herons	HIGH	Important nursery for fish, shrimp	HIGH	Tidally influenced marsh (smooth cordgrass)
PPA0575	HIGH	Marsh south of GIWW, west of Dredgeboat Slough	MEDIUM		MEDIUM	Nursery	HIGH	
PPA0588	HIGH	Bolivar Flats and marsh, south of Texas 87	HIGH	Seasonal piping plover habitat, roosting and feeding area for shorebirds, wading birds, Bolivar Flats colonial water bird rookery 600-381 for Least terns			HIGH	Rushes, saltgrass, glasswort, smooth cordgrass grading into marshhay cordgrass
PPA0597	MEDIUM	Oyster Lake-Horseshoe Lake complex			HIGH	Nursery	HIGH	Smooth cordgrass; wigeongrass in Horseshoe Lake

Biological Resources

Bird

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
0005	American white pelican			COMMON	X	X	X	X	X			X	X	X	X	X	-	-	-
	Brown pelican			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Cormorants			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Diving birds			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Grebes			UNCOMMON	X	X	X	X	X	X			X	X	X	X	-	-	-
	Loons			-	X	X	X	X	X					X	X	X	-	-	-
	Gulls			COMMON-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Terns			COMMON-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Magnificent frigatebird			COMMON					X	X	X	X	X	X			-	-	-
	Masked booby			UNCOMMON			X	X	X	X	X	X	X	X			-	-	-
	Northern gannet			COMMON	X	X	X	X						X	X	X	-	-	-
	Shearwaters			UNCOMMON								X	X	X	X		-	-	-
	Storm-petrels			RARE					X	X	X						-	-	-
	Bufflehead			UNCOMMON	X	X	X								X	X	-	-	-
	Canvasback			UNCOMMON	X	X	X							X	X	X	-	-	-
	Diving ducks			-	X	X	X	X	X					X	X	X	-	-	-
	Greater scaup			UNCOMMON	X	X	X								X	X	-	-	-
	Lesser scaup			COMMON	X	X	X	X						X	X	X	-	-	-
	Scoters			RARE	X	X	X	X							X	X	-	-	-
0033	Cormorants			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Diving birds			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Grebes			-	X	X	X	X	X	X			X	X	X	X	-	-	-
	Loons			-	X	X	X	X	X					X	X	X	-	-	-
	Pelicans			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Black skimmer			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Gulls			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Terns			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Diving ducks			-	X	X	X	X	X					X	X	X	-	-	-
0046	Piping plover	S/F	T/T	HIGH	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Shorebirds			HIGH	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Waterfowl			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
0047	Gulls			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Terns			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Shorebirds			-	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Marsh birds			-	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	-	-	-
	Waterfowl			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
0048	Piping plover	S/F	T/T	3-INDIV	X	X	X	X	X		X	X	X	X	X	X	-	-	-
0122	American white pelican			-	X	X	X	X	X			X	X	X	X	X	-	-	-
	Brown pelican			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Cormorants			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Diving birds			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Grebes			-	X	X	X	X	X	X			X	X	X	X	-	-	-
	Loons			-	X	X	X	X	X					X	X	X	-	-	-
	Black skimmer			100S	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Forster's tern			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Gulls			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Least tern			-			X	X	X	X	X	X	X				-	-	-
	Terns			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Seaside sparrow			-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	-	-
	Northern harrier			-	X	X	X						X	X	X	X	-	-	-
	Peregrine falcon	S	T	-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Raptors			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American avocet			1000S	X	X	X	X	X		X	X	X	X	X	X	-	JUL-APR*	-

Fish

RARNUM	NAME	S	F	T	E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults	
	Spotted seatrout					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	APR-OCT	APR-OCT	SEP-NOV	JAN-DEC	
	Striped mullet					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	
	Tarpon					RARE			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	-	
	White mullet					COMMON					X	X	X	X	X	X			-	-	-	MAY-OCT	-	
	Gulf killifish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC	
	Silver perch					RARE	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-SEP	MAY-SEP	SEP-NOV	JAN-DEC	
	Silversides					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC	
	Alligator gar					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	
	Atlantic spadefish					RARE			X	X	X	X	X	X	X	X	X		-	-	-	JUL-SEP	-	
	Bay whiff					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	APR-SEP	JAN-DEC	
	Spotfin mojarra					RARE								X	X	X			-	-	-	-	-	
	Atlantic bumper					RARE									X				-	-	-	-	SEP-SEP	
	Blacktip shark					-			X	X	X	X	X	X	X	X	X		MAY-JUN	MAY-JUN	MAY-NOV	MAR-NOV	MAY-JUN	
	Crevalle jack					COMMON			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	-	
	Finetooth shark					-					X	X	X	X	X	X			-	MAY-JUN	MAY-OCT	-	-	MAY-JUN
	Gulf butterflyfish					RARE			X	X	X	X	X	X	X	X	X		-	-	-	-	-	
	Spanish mackerel					COMMON									X	X			-	-	-	SEP-OCT	SEP-OCT	
	Spinner shark					-					X	X	X	X	X	X			MAY-JUN	MAY-JUN	MAY-JUL	MAY-OCT	MAY-OCT	
0524	Gizzard shad					RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	Atlantic croaker					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-JUN	JAN-DEC	
	Atlantic sharpnose shark					-				X	X	X	X	X	X	X			JUN-JUN	MAY-JUN	JUN-OCT	-	-	APR-OCT
	Bay anchovy					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC	
	Black drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	APR-MAY	APR-MAY	JAN-DEC	JAN-DEC	
	Bull shark					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	MAY-AUG	MAY-AUG	APR-NOV	JAN-DEC	
	Gafftopsail catfish					COMMON				X	X	X	X	X	X	X			APR-MAY	-	-	APR-OCT	APR-OCT	
	Gulf menhaden					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	
	Hardhead catfish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	MAY-SEP	MAY-SEP	MAY-OCT	JAN-DEC	
	Pinfish					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	FEB-OCT	JUN-FEB	
	Red drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	SEP-NOV	JAN-DEC	JAN-DEC	
	Sand seatrout					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	
	Sheepshead					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	DEC-MAR	JAN-DEC	
	Southern flounder					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	
	Southern kingfish					COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	-	
	Spot					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAR-OCT	JAN-DEC	
	Spotted seatrout					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	APR-OCT	APR-OCT	AUG-NOV	JAN-DEC	
	Striped mullet					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	
	Tarpon					RARE			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	-	
	White mullet					ABUNDANT					X	X	X	X	X	X			-	-	-	MAY-OCT	-	
	Gulf killifish					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC	
	Silver perch					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-SEP	MAY-SEP	OCT-JUN*	JAN-DEC	
	Silversides					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC	
	Atlantic spadefish					RARE								X	X				-	-	-	AUG-SEP	-	
	Bay whiff					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	APR-MAY	JAN-DEC	
	Spotfin mojarra					RARE								X	X	X			-	-	-	-	-	
	Atlantic bumper					ABUNDANT					X	X	X	X	X				-	-	-	-	JUN-OCT	
	Blacktip shark					-			X	X	X	X	X	X	X	X	X		MAY-JUN	MAY-JUN	MAY-NOV	MAR-NOV	MAY-JUN	
	Crevalle jack					COMMON			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	SEP-NOV	
	Finetooth shark					-					X	X	X	X	X	X			-	MAY-JUN	MAY-OCT	-	-	MAY-JUN
	Gulf butterflyfish					RARE	X	X	X	X	X						X		-	-	-	-	-	
	Spanish mackerel					COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	APR-NOV	
	Spinner shark					-					X	X	X	X	X	X			MAY-JUN	MAY-JUN	MAY-JUL	MAY-OCT	MAY-OCT	
0525	Gizzard shad					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	Atlantic croaker					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-JUN	JAN-DEC	
	Atlantic sharpnose shark					-				X	X	X	X	X	X	X			JUN-JUN	MAY-JUN	JUN-OCT	-	-	APR-OCT
	Bay anchovy					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-NOV	MAR-NOV	FEB-DEC	JAN-DEC	
	Black drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	
	Bull shark					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	MAY-AUG	MAY-AUG	APR-NOV	JAN-DEC	
	Gafftopsail catfish					COMMON				X	X	X	X	X	X	X			APR-MAY	-	-	APR-OCT	APR-OCT	
	Gulf menhaden					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	MAR-NOV	
	Hardhead catfish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	MAY-SEP	MAY-SEP	MAY-OCT	JAN-DEC	
	Pinfish					COMMON			X	X	X	X	X	X	X	X			-	-	-	MAR-OCT	JUL-NOV	
	Red drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	SEP-NOV	JAN-DEC	JAN-DEC	
	Sand seatrout					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	
	Sheepshead					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JUN-MAR*	JAN-DEC	
	Southern flounder					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	
	Spot					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	NOV-JUN	
	Spotted seatrout					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	APR-OCT	APR-OCT	SEP-NOV	JAN-DEC	
	Striped mullet					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	
	Tarpon					RARE			X	X	X	X	X	X	X	X			-	-	-	MAR-NOV	-	
	Silver perch					RARE	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-SEP	MAY-SEP	SEP-NOV	JAN-DEC	
	Silversides					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC	
	Atlantic spadefish					COMMON			X	X	X	X	X	X	X	X	X		-	-	-	MAR-DEC	-	
	Bay whiff					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	Blacktip shark					-			X	X	X	X	X	X	X	X	X		MAY-JUN	MAY-JUN	MAY-NOV	MAR-NOV	MAY-JUN	
	Gulf butterflyfish					RARE			X	X	X	X	X	X	X	X			-	-	-	-	-	
	Spinner shark					-					X	X	X	X	X	X			MAY-JUN	MAY-JUN	MAY-JUL	MAY-OCT	MAY-OCT	
0526	Gizzard shad					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	Atlantic croaker					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-JUN	JAN-DEC	
	Bay anchovy					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-NOV	MAR-NOV	FEB-DEC	JAN-DEC	
	Black drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	

Fish

RARNUM	NAME	S	F	T	E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults		
	Gafftopsail catfish					-						X	X	X	X	X			-	-	-	-	-		
	Gray snapper					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	APR-NOV	JAN-DEC	JAN-DEC	
	Gulf menhaden					-			X	X	X	X	X	X	X	X			JUL-OCT	-	-	-	-	MAR-OCT	
	Hardhead catfish					-	X	X	X	X	X	X	X	X	X	X	X	X		MAY-SEP	-	-	-	JAN-DEC	
	Lane snapper					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	-	
	Pinfish					-	X	X	X	X	X	X	X	X	X	X	X	X		AUG-APR	-	-	-	JAN-DEC	
	Red drum					-	X	X	X	X	X	X	X	X	X	X	X	X		AUG-OCT	-	-	-	JAN-DEC	
	Sand seatrout					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		MAR-SEP	MAR-SEP	MAR-SEP	-	SEP-FEB	
	Sheepshead					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	JAN-MAY	-	JAN-DEC	
	Silver seatrout					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	-	
	Southern flounder					-	X	X							X	X	X	X		SEP-FEB	-	-	-	OCT-DEC	SEP-FEB
	Southern kingfish					-						X	X	X	X	X				-	-	-	-	JUN-OCT	
	Spot					-	X	X	X	X	X	X	X	X	X			X		DEC-APR	-	-	-	DEC-SEP	
	Spotted seatrout					-	X	X							X	X	X	X		-	-	-	-	SEP-FEB	
	Star drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC	
	Striped mullet					HIGHLY-ABUNDANT					X	X	X	X	X	X	X			-	-	-	-	MAY-NOV	
	Tarpon					RARE						X	X	X	X	X				-	-	-	-	JUN-OCT	
	Silver perch					HIGHLY-ABUNDANT	X	X										X		-	-	-	-	DEC-FEB	
	Atlantic spadefish					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	APR-NOV	JAN-DEC
	Banded drum					-			X	X	X	X	X							-	-	-	-	-	
	Florida pompano					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	MAY-AUG	MAY-DEC	JAN-DEC	
	Gray triggerfish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC	
	Red snapper					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC	JAN-DEC
	Atlantic bumper					-					X	X	X	X	X	X	X			-	-	-	-	MAY-NOV	
	Atlantic tripletail					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	-	
	Blackfin tuna					-					X	X	X	X	X	X				-	-	-	-	MAY-OCT	
	Blacktip shark					-			X	X	X	X	X	X	X	X	X	X		-	-	-	-	MAR-DEC	MAR-DEC
	Cobia					-						X	X	X	X					-	-	-	-	-	
	Creville jack					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	MAR-NOV	-	JAN-DEC	
	Greater amberjack					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC	JAN-DEC
	Gulf butterflyfish					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC	JAN-DEC
	King mackerel					-					X	X	X	X	X	X				-	-	-	-	MAY-OCT	
	Spanish mackerel					ABUNDANT			X	X	X	X	X	X	X	X	X			MAY-SEP	MAY-SEP	-	-	MAR-NOV	MAR-NOV
	Spinner shark					-					X	X	X	X	X	X				MAY-JUN	MAY-JUN	MAY-JUL	MAY-OCT	MAY-OCT	
0536	Atlantic croaker					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		AUG-APR	-	-	-	APR-NOV	JAN-DEC
	Bay anchovy					-	X	X	X	X	X	X	X	X	X	X	X	X		MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC	
	Black drum					-	X	X	X	X	X	X	X	X	X	X	X	X		FEB-JUL	-	MAR-JUL	AUG-JAN	JAN-DEC	
	Bonnethead shark					-		X	X						X	X	X	X		-	SEP-NOV	-	-	NOV-MAR*	-
	Gafftopsail catfish					-						X	X	X	X	X				-	-	-	-	-	
	Gray snapper					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	APR-NOV	JAN-DEC	JAN-DEC	
	Gulf menhaden					-			X	X	X	X	X	X	X				JUL-OCT	-	-	-	-	MAR-OCT	
	Hardhead catfish					-	X	X	X	X	X	X	X	X	X	X	X	X		MAY-SEP	-	-	-	JAN-DEC	
	Lane snapper					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	-	
	Pinfish					-	X	X	X	X	X	X	X	X	X	X	X	X		AUG-APR	-	-	-	JAN-DEC	
	Red drum					-	X	X	X	X	X	X	X	X	X	X	X	X		AUG-OCT	-	-	-	JAN-DEC	
	Sand seatrout					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		MAR-SEP	MAR-SEP	MAR-SEP	-	SEP-FEB	
	Sheepshead					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	JAN-MAY	-	JAN-DEC	
	Silver seatrout					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	-	
	Southern flounder					-	X	X							X	X	X	X		SEP-FEB	-	-	-	OCT-DEC	SEP-FEB
	Southern kingfish					-						X	X	X	X	X				-	-	-	-	JUN-OCT	
	Spot					-	X	X	X	X	X	X	X	X	X			X		DEC-APR	-	-	-	DEC-SEP	
	Spotted seatrout					-	X	X							X	X	X	X		-	-	-	-	SEP-FEB	
	Star drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC	
	Striped mullet					ABUNDANT	X	X							X	X	X	X		OCT-DEC	-	-	-	SEP-FEB	
	Tarpon					RARE						X	X	X	X	X				-	-	-	-	JUN-OCT	
	Silver perch					HIGHLY-ABUNDANT	X	X										X		-	-	-	-	DEC-FEB	
	Atlantic spadefish					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	APR-NOV	JAN-DEC
	Banded drum					-			X	X	X	X	X							-	-	-	-	-	
	Florida pompano					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	MAY-AUG	MAY-DEC	JAN-DEC	
	Gray triggerfish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC	
	Red snapper					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC	JAN-DEC
	Atlantic bumper					-					X	X	X	X	X	X	X			-	-	-	-	MAY-NOV	
	Atlantic tripletail					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	-	
	Blackfin tuna					-					X	X	X	X	X	X				-	-	-	-	MAY-OCT	
	Blacktip shark					-			X	X	X	X	X	X	X	X	X	X		-	-	-	-	MAR-DEC	MAR-DEC
	Cobia					-						X	X	X	X					-	-	-	-	-	
	Creville jack					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	MAR-NOV	-	JAN-DEC	
	Greater amberjack					-	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC	JAN-DEC
	Gulf butterflyfish					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC	JAN-DEC
	King mackerel					-					X	X	X	X	X	X				-	-	-	-	MAY-OCT	
	Spanish mackerel					ABUNDANT			X	X	X	X	X	X	X	X	X			MAY-SEP	MAY-SEP	-	-	MAR-NOV	MAR-NOV
0537	Atlantic croaker					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		AUG-APR	-	-	-	APR-NOV	JAN-DEC
	Atlantic sharpnose shark					-					X	X	X	X	X	X				-	-	-	-	APR-OCT	-
	Bay anchovy					-	X	X	X	X	X	X	X	X	X	X	X	X		MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC	
	Black drum					-	X	X	X	X	X	X	X	X	X	X	X	X		FEB-JUL	-	MAR-JUL	AUG-JAN	JAN-DEC	
	Bonnethead shark					-		X	X						X	X	X	X		-	SEP-NOV	-	-	NOV-MAR*	-

Fish

RARNUM	NAME	S	F	T	E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults	
	Bull shark					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	MAY-AUG	MAY-AUG	APR-NOV	JAN-DEC	
	Gafftopsail catfish					-						X	X	X	X	X			-	-	-	-	-	
	Gray snapper					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-NOV	JAN-DEC	JAN-DEC	
	Gulf menhaden					-			X	X	X	X	X	X	X	X			JUL-OCT	-	-	-	MAR-OCT	
	Hardhead catfish					-	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	-	-	-	JAN-DEC	
	Lane snapper					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Pinfish					-	X	X	X	X	X	X	X	X	X	X	X	X	AUG-APR	-	-	-	JAN-DEC	
	Red drum					-	X	X	X	X	X	X	X	X	X	X	X	X	AUG-OCT	-	-	-	JAN-DEC	
	Sand seatrout					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-SEP	-	SEP-FEB	
	Sheepshead					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-MAY	-	JAN-DEC	
	Silver seatrout					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Southern flounder					-	X	X							X	X	X	X	SEP-FEB	-	-	-	OCT-DEC	SEP-FEB
	Southern kingfish					-						X	X	X	X	X			-	-	-	-	JUN-OCT	
	Spot					-	X	X	X	X	X	X	X	X	X			X	DEC-APR	-	-	-	-	DEC-SEP
	Spotted seatrout					-	X	X							X	X	X	X	-	-	-	-	SEP-FEB	
	Star drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	Striped mullet					HIGHLY-ABUNDANT					X	X	X	X	X	X	X		-	-	-	-	MAY-NOV	
	Tarpon					RARE						X	X	X	X	X			-	-	-	-	JUN-OCT	
	Silver perch					HIGHLY-ABUNDANT	X	X										X	-	-	-	-	DEC-FEB	
	Atlantic spadefish					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	APR-NOV	JAN-DEC
	Banded drum					-			X	X	X	X	X	X					-	-	-	-	-	
	Florida pompano					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-AUG	MAY-DEC	JAN-DEC	
	Gray triggerfish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	Red snapper					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	Atlantic bumper					-					X	X	X	X	X	X	X		-	-	-	-	MAY-NOV	
	Atlantic tripletail					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Blackfin tuna					-					X	X	X	X	X	X			-	-	-	-	MAY-OCT	
	Blacktip shark					-			X	X	X	X	X	X	X	X	X	X	-	-	-	-	MAR-DEC	
	Cobia					-					X	X	X	X					-	-	-	-	-	
	Crevalle jack					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-NOV	-	JAN-DEC	
	Finetooth shark					-					X	X	X	X	X	X			-	MAY-JUN	MAY-OCT	-	MAY-JUN	
	Greater amberjack					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	Gulf butterflyfish					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	King mackerel					-					X	X	X	X	X	X			-	-	-	-	MAY-OCT	
	Spanish mackerel					ABUNDANT			X	X	X	X	X	X	X	X	X		MAY-SEP	MAY-SEP	-	-	MAR-NOV	
	Spinner shark					-					X	X	X	X	X	X			MAY-JUN	MAY-JUN	MAY-JUL	MAY-OCT	MAY-OCT	
0538	Atlantic croaker					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	AUG-APR	-	-	-	APR-NOV	JAN-DEC
	Atlantic sharpnose shark					-				X	X	X	X	X	X	X			-	-	-	-	APR-OCT	-
	Bay anchovy					-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC	
	Black drum					-	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	MAR-JUL	AUG-JAN	JAN-DEC	
	Bonnethead shark					-		X	X						X	X	X	X	-	SEP-NOV	-	-	NOV-MAR*	-
	Bull shark					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	MAY-AUG	MAY-AUG	APR-NOV	JAN-DEC	
	Gafftopsail catfish					-						X	X	X	X	X			-	-	-	-	-	
	Gray snapper					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-NOV	JAN-DEC	JAN-DEC	
	Gulf menhaden					-			X	X	X	X	X	X	X	X			JUL-OCT	-	-	-	MAR-OCT	
	Hardhead catfish					-	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	-	-	-	JAN-DEC	
	Lane snapper					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Pinfish					-	X	X	X	X	X	X	X	X	X	X	X	X	AUG-APR	-	-	-	JAN-DEC	
	Red drum					-	X	X	X	X	X	X	X	X	X	X	X	X	AUG-OCT	-	-	-	JAN-DEC	
	Sand seatrout					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-SEP	-	SEP-FEB	
	Sheepshead					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-MAY	-	JAN-DEC	
	Silver seatrout					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Southern flounder					-	X	X							X	X	X	X	SEP-FEB	-	-	-	OCT-DEC	SEP-FEB
	Southern kingfish					-						X	X	X	X	X			-	-	-	-	JUN-OCT	
	Spot					-	X	X	X	X	X	X	X	X	X			X	DEC-APR	-	-	-	-	DEC-SEP
	Spotted seatrout					-	X	X							X	X	X	X	-	-	-	-	SEP-FEB	
	Star drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	Striped mullet					ABUNDANT	X	X							X	X	X	X	OCT-DEC	-	-	-	-	SEP-FEB
	Tarpon					RARE						X	X	X	X	X			-	-	-	-	JUN-OCT	
	Silver perch					HIGHLY-ABUNDANT	X	X										X	-	-	-	-	DEC-FEB	
	Atlantic spadefish					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	APR-NOV	JAN-DEC
	Banded drum					-			X	X	X	X	X	X					-	-	-	-	-	
	Florida pompano					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-AUG	MAY-DEC	JAN-DEC	
	Gray triggerfish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	Red snapper					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	Atlantic bumper					-					X	X	X	X	X	X	X		-	-	-	-	MAY-NOV	
	Atlantic tripletail					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Blackfin tuna					-					X	X	X	X	X	X			-	-	-	-	MAY-OCT	
	Blacktip shark					-			X	X	X	X	X	X	X	X	X	X	-	-	-	-	MAR-DEC	
	Cobia					-					X	X	X	X					-	-	-	-	-	
	Crevalle jack					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-NOV	-	JAN-DEC	
	Finetooth shark					-					X	X	X	X	X	X			-	MAY-JUN	MAY-OCT	-	MAY-JUN	
	Greater amberjack					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	Gulf butterflyfish					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	King mackerel					-					X	X	X	X	X	X			-	-	-	-	MAY-OCT	
	Spanish mackerel					ABUNDANT			X	X	X	X	X	X	X	X	X		MAY-SEP	MAY-SEP	-	-	MAR-NOV	
	Spinner shark					-					X	X	X	X	X	X			MAY-JUN	MAY-JUN	MAY-JUL	MAY-OCT	MAY-OCT	

Fish

RARNUM	NAME	S	F	T	E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults	
	Pinfish					COMMON			X	X	X	X	X	X	X	X	X		-	-	-	MAR-OCT	JUL-NOV	
	Red drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	SEP-NOV	JAN-DEC	JAN-DEC
	Sand seatrout					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	JAN-DEC
	Sheepshead					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JUN-MAR*	JAN-DEC
	Southern flounder					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	JAN-DEC
	Southern kingfish					RARE						X	X	X	X	X	X		-	-	-	JUN-NOV	-	
	Spot					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	NOV-JUN
	Spotted seatrout					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		APR-OCT	APR-OCT	APR-OCT	SEP-NOV	JAN-DEC
	Striped mullet					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	JAN-DEC
	Tarpon					RARE			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	-	
	White mullet					COMMON					X	X	X	X	X	X			-	-	-	MAY-OCT	-	
	Gulf killifish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC
	Silver perch					RARE	X	X	X	X	X	X	X	X	X	X	X	X		MAY-SEP	MAY-SEP	MAY-SEP	SEP-NOV	JAN-DEC
	Silversides					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC
	Alligator gar					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	JAN-DEC
	Atlantic spadefish					COMMON			X	X	X	X	X	X	X	X	X	X		-	-	-	MAR-DEC	-
	Bay whiff					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC
	Spotfin mojarra					RARE								X	X	X			-	-	-	-	-	
	Atlantic bumper					RARE									X				-	-	-	-	SEP-SEP	
	Crevalle jack					COMMON			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	-	
	Gulf butterflyfish					RARE			X	X	X	X	X	X	X	X	X		-	-	-	-	-	
	Spanish mackerel					COMMON									X	X			-	-	-	SEP-OCT	SEP-OCT	
0542	Gizzard shad					RARE	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC
	Atlantic croaker					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	JAN-JUN	JAN-DEC	JAN-DEC
	Atlantic sharpnose shark					-				X	X	X	X	X	X	X			JUN-JUN	MAY-JUN	JUN-OCT	-	APR-OCT	
	Bay anchovy					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC
	Black drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY	APR-MAY	APR-MAY	JAN-DEC	JAN-DEC
	Bonnethead shark					-				X	X	X	X	X	X	X	X		-	SEP-NOV	-	APR-NOV	-	
	Bull shark					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	MAY-AUG	MAY-AUG	APR-NOV	JAN-DEC
	Gafftopsail catfish					COMMON				X	X	X	X	X	X	X			APR-MAY	-	-	APR-OCT	APR-OCT	
	Gulf menhaden					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	JAN-DEC
	Hardhead catfish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		MAY-AUG	MAY-SEP	MAY-SEP	MAY-OCT	JAN-DEC
	Pinfish					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	FEB-OCT	JUN-FEB
	Red drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	SEP-NOV	JAN-DEC	JAN-DEC
	Sand seatrout					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	JAN-DEC
	Sheepshead					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	DEC-MAR	JAN-DEC
	Southern flounder					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	JAN-DEC
	Southern kingfish					COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	-	
	Spot					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	MAR-OCT	JAN-DEC
	Spotted seatrout					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		APR-OCT	APR-OCT	APR-OCT	AUG-NOV	JAN-DEC
	Striped mullet					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	JAN-DEC
	Tarpon					RARE			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	-	
	White mullet					ABUNDANT					X	X	X	X	X	X			-	-	-	MAY-OCT	-	
	Gulf killifish					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC
	Silver perch					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		MAY-SEP	MAY-SEP	MAY-SEP	OCT-JUN*	JAN-DEC
	Silversides					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC
	Atlantic spadefish					RARE								X	X				-	-	-	AUG-SEP	-	
	Bay whiff					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	APR-MAY	JAN-DEC
	Spotfin mojarra					RARE								X	X	X			-	-	-	-	-	
	Atlantic bumper					ABUNDANT					X	X	X	X	X				-	-	-	-	JUN-OCT	
	Blacktip shark					-			X	X	X	X	X	X	X	X	X		MAY-JUN	MAY-JUN	MAY-NOV	MAR-NOV	MAY-JUN	
	Crevalle jack					COMMON			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	SEP-NOV	
	Finetooth shark					-				X	X	X	X	X	X				-	MAY-JUN	MAY-OCT	-	-	MAY-JUN
	Gulf butterflyfish					RARE	X	X	X	X							X		-	-	-	-	-	
	Spanish mackerel					COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	APR-NOV	
	Spinner shark					-					X	X	X	X	X	X			MAY-JUN	MAY-JUN	MAY-JUL	MAY-OCT	MAY-OCT	
0543	Gizzard shad					RARE	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC
	Atlantic croaker					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	JAN-JUN	JAN-DEC	JAN-DEC
	Atlantic sharpnose shark					-				X	X	X	X	X	X	X			JUN-JUN	MAY-JUN	JUN-OCT	-	APR-OCT	
	Bay anchovy					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC
	Black drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY	APR-MAY	APR-MAY	JAN-DEC	JAN-DEC
	Bull shark					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	MAY-AUG	MAY-AUG	APR-NOV	JAN-DEC
	Gafftopsail catfish					COMMON				X	X	X	X	X	X				APR-MAY	-	-	APR-OCT	APR-OCT	
	Gulf menhaden					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	JAN-DEC
	Hardhead catfish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		MAY-AUG	MAY-SEP	MAY-SEP	MAY-OCT	JAN-DEC
	Pinfish					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	FEB-OCT	JUN-FEB
	Red drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	SEP-NOV	JAN-DEC	JAN-DEC
	Sand seatrout					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	JAN-DEC
	Sheepshead					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	DEC-MAR	JAN-DEC
	Southern flounder					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	JAN-DEC
	Southern kingfish					COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	-	
	Spot					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	MAR-OCT	JAN-DEC
	Spotted seatrout					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		APR-OCT	APR-OCT	APR-OCT	AUG-NOV	JAN-DEC
	Striped mullet					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	JAN-DEC	JAN-DEC
	Tarpon					RARE			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	-	
	White mullet					ABUNDANT					X	X	X	X	X	X			-	-	-	MAY-OCT	-	

Fish

RARNUM	NAME	S	F	T	E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults	
	Gulf killifish					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC	
	Silver perch					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-SEP	MAY-SEP	OCT-JUN*	JAN-DEC	
	Silversides					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC	
	Atlantic spadefish					RARE								X	X				-	-	-	AUG-SEP	-	
	Bay whiff					COMMON	X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	APR-MAY	JAN-DEC
	Spotfin mojarra					RARE								X	X	X			-	-	-	-	-	
	Atlantic bumper					ABUNDANT					X	X	X	X	X				-	-	-	-	JUN-OCT	
	Blacktip shark					-			X	X	X	X	X	X	X	X	X		MAY-JUN	MAY-JUN	MAY-NOV	MAR-NOV	MAY-JUN	
	Crevalle jack					COMMON			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	SEP-NOV	
	Gulf butterfish					RARE	X	X	X	X	X							X	-	-	-	-	-	
	Spanish mackerel					COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	APR-NOV	
	Spinner shark					-					X	X	X	X	X	X			MAY-JUN	MAY-JUN	MAY-JUL	MAY-OCT	MAY-OCT	

Invertebrate

RARNUM	NAME	S	F	T	E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
0655	Atlantic surfclam					-	X	X	X	X	X	X	X	X	X	X	X	X	SEP-MAY*	-	-	-	JAN-DEC
	Atlantic ghost crab					-	X	X	X	X	X	X	X	X	X	X	X	X	AUG-APR*	-	-	-	JAN-DEC
	Mole crab					-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	-	-	JAN-DEC
	Speckled swimming crab					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Lettered olive					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
0656	Brief squid					-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	MAR-DEC	JAN-DEC	JAN-DEC
	Blue crab					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-DEC	-	-
	Lesser blue crab					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-DEC	-	-
	Atlantic seabob shrimp					-	X									X	X	X	-	-	-	-	OCT-JAN
	Brown shrimp					-			X	X	X	X	X	X	X	X			-	-	-	-	MAR-OCT
	White shrimp					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	-	-	-	JAN-DEC
0670	Brief squid					COMMON			X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	MAR-DEC	MAR-DEC	MAR-DEC
	Blue crab					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Gulf stone crab					RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Lesser blue crab					COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-OCT	APR-NOV
	Atlantic seabob shrimp					RARE									X	X			-	-	-	-	SEP-OCT
	Brown shrimp					ABUNDANT		X	X	X	X	X	X	X	X	X	X		-	-	FEB-APR	APR-NOV	-
	Grass shrimp					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	White shrimp					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-OCT	MAY-DEC	JAN-DEC
0675	Blue crab					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Gulf stone crab					RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Lesser blue crab					ABUNDANT									X	X	X		-	-	-	SEP-NOV	-
	Brown shrimp					ABUNDANT		X	X	X	X	X	X	X	X	X	X		-	-	FEB-APR	APR-NOV	-
	White shrimp					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-OCT	MAY-DEC	JAN-DEC
0691	Atlantic surfclam					-	X	X	X	X	X	X	X	X	X	X	X	X	SEP-MAY*	-	-	-	JAN-DEC
	Brief squid					-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	MAR-DEC	JAN-DEC	JAN-DEC
	Atlantic ghost crab					-	X	X	X	X	X	X	X	X	X	X	X	X	AUG-APR*	-	-	-	JAN-DEC
	Blue crab					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-DEC	-	-
	Lesser blue crab					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-DEC	-	-
	Mole crab					-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	-	-	JAN-DEC
	Speckled swimming crab					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Lettered olive					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Atlantic seabob shrimp					-	X									X	X	X	-	-	-	-	OCT-JAN
	Brown shrimp					-			X	X	X	X	X	X	X	X			-	-	-	-	MAR-OCT
	White shrimp					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	-	-	-	JAN-DEC
0695	Eastern oyster					REEF	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	-	-	JAN-DEC
	Brief squid					COMMON			X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	MAR-DEC	MAR-DEC	MAR-DEC
	Blue crab					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Gulf stone crab					RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Lesser blue crab					COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-OCT	APR-NOV
	Atlantic seabob shrimp					RARE									X	X			-	-	-	-	SEP-OCT
	Brown shrimp					ABUNDANT		X	X	X	X	X	X	X	X	X	X		-	-	FEB-APR	APR-NOV	-
	Grass shrimp					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	White shrimp					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-OCT	MAY-DEC	JAN-DEC
0696	Eastern oyster					UNCONSOLIDATED	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	-	-	JAN-DEC
	Brief squid					COMMON			X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	MAR-DEC	MAR-DEC	MAR-DEC
	Blue crab					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Gulf stone crab					RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Lesser blue crab					COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-OCT	APR-NOV
	Atlantic seabob shrimp					RARE									X	X			-	-	-	-	SEP-OCT
	Brown shrimp					ABUNDANT		X	X	X	X	X	X	X	X	X	X		-	-	FEB-APR	APR-NOV	-
	Grass shrimp					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	White shrimp					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-OCT	MAY-DEC	JAN-DEC
0697	Eastern oyster					LOW	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	-	-	JAN-DEC
	Brief squid					COMMON			X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	MAR-DEC	MAR-DEC	MAR-DEC
	Blue crab					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Gulf stone crab					RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Lesser blue crab					COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-OCT	APR-NOV
	Atlantic seabob shrimp					RARE									X	X			-	-	-	-	SEP-OCT
	Brown shrimp					ABUNDANT		X	X	X	X	X	X	X	X	X	X		-	-	FEB-APR	APR-NOV	-
	Grass shrimp					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC

Invertebrate

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
	White shrimp			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-OCT	MAY-DEC	JAN-DEC
0698	Brief squid			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	MAR-DEC	JAN-DEC	JAN-DEC
	Blue crab			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Gulf stone crab			RARE	X	X	X	X	X	X	X	X	X	X	X	X	NOV-MAR	MAR-NOV	MAR-DEC	JAN-DEC	JAN-DEC
	Lesser blue crab			ABUNDANT				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	APR-NOV
	Atlantic seabob shrimp			RARE						X	X	X	X				-	-	-	-	JUN-SEP
	Brown shrimp			ABUNDANT		X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-APR	APR-DEC	-
	Grass shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	White shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JUN-OCT	JUN-DEC	JAN-DEC
0699	Eastern oyster			UNCONSOLIDATED	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	-	-	JAN-DEC
	Brief squid			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	MAR-DEC	JAN-DEC	JAN-DEC
	Blue crab			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Gulf stone crab			RARE	X	X	X	X	X	X	X	X	X	X	X	X	NOV-MAR	MAR-NOV	MAR-DEC	JAN-DEC	JAN-DEC
	Lesser blue crab			ABUNDANT				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	APR-NOV
	Atlantic seabob shrimp			RARE						X	X	X	X				-	-	-	-	JUN-SEP
	Brown shrimp			ABUNDANT		X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-APR	APR-DEC	-
	Grass shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	White shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JUN-OCT	JUN-DEC	JAN-DEC
0700	Eastern oyster			REEF	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	-	-	JAN-DEC
	Brief squid			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	MAR-DEC	JAN-DEC	JAN-DEC
	Blue crab			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Gulf stone crab			RARE	X	X	X	X	X	X	X	X	X	X	X	X	NOV-MAR	MAR-NOV	MAR-DEC	JAN-DEC	JAN-DEC
	Lesser blue crab			ABUNDANT				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	APR-NOV
	Atlantic seabob shrimp			RARE						X	X	X	X				-	-	-	-	JUN-SEP
	Brown shrimp			ABUNDANT		X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-APR	APR-DEC	-
	Grass shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	White shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JUN-OCT	JUN-DEC	JAN-DEC
0703	Brief squid			COMMON			X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	MAR-DEC	MAR-DEC	MAR-DEC
	Blue crab			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Gulf stone crab			RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Lesser blue crab			ABUNDANT									X	X	X		-	-	-	SEP-NOV	-
	Atlantic seabob shrimp			RARE									X	X			-	-	-	-	SEP-OCT
	Brown shrimp			ABUNDANT		X	X	X	X	X	X	X	X	X	X		-	-	FEB-APR	APR-NOV	-
	Grass shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	White shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-OCT	MAY-DEC	JAN-DEC

Marine Mammal

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
0738	Bottlenose dolphin			-	X	X	X	X	X	X	X	X	X	X	X	X	-	JAN-DEC	-	-
0739	West Indian manatee	S/F	E/E	VERY-RARE						X	X	X					-	-	-	-
0740	Bottlenose dolphin			-	X	X	X	X	X	X	X	X	X	X	X	X	-	JAN-DEC	-	-
	West Indian manatee	S/F	E/E	VERY-RARE						X	X	X					-	-	-	-

Reptile

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Internesting	Juveniles	Adults
0761	Kemp's ridley sea turtle	S/F	E/E	COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	-
0762	Green sea turtle	S/F	T/T	OCCASIONAL			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	-
	Hawksbill sea turtle	S/F	E/E	OCCASIONAL			X	X	X	X	X	X	X				-	-	-	MAR-OCT	-
	Kemp's ridley sea turtle	S/F	E/E	COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	APR-NOV
	Loggerhead sea turtle	S/F	T/T	OCCASIONAL	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
0763	Kemp's ridley sea turtle	S/F	E/E	0-6-NESTS			X	X	X	X	X	X	X				MAR-JUL	APR-SEP	-	APR-SEP	MAR-JUL
	Loggerhead sea turtle	S/F	T/T	0-1-NEST			X	X	X	X	X	X	X				APR-SEP	MAY-OCT	-	MAY-OCT	APR-SEP
0768	Diamondback terrapin			-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	JUN-SEP	-	JAN-DEC	JAN-DEC
	Kemp's ridley sea turtle	S/F	E/E	COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	-
0769	Green sea turtle	S/F	T/T	OCCASIONAL			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	-
	Hawksbill sea turtle	S/F	E/E	OCCASIONAL			X	X	X	X	X	X	X				-	-	-	MAR-OCT	-
	Kemp's ridley sea turtle	S/F	E/E	0-6-NESTS			X	X	X	X	X	X	X				MAR-JUL	APR-SEP	-	APR-SEP	MAR-JUL
	Loggerhead sea turtle	S/F	T/T	0-1-NEST			X	X	X	X	X	X	X				APR-SEP	MAY-OCT	-	MAY-OCT	APR-SEP
0770	Diamondback terrapin			-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	JUN-SEP	-	JAN-DEC	JAN-DEC
	Kemp's ridley sea turtle	S/F	E/E	COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	-

Terrestrial Mammal

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting
0798	Northern river otter			-	X	X	X	X	X	X	X	X	X	X	X	X	N/A

Human Use Resources

Beach Access	RARNUM	NAME	CONTACT	CONTACT INFO
	3044	Westview Street		
	3045	Gulf Shores Street		
	3046	Kahla Drive		
	3047	Crystal Beach Road		
	3048	Monkhouse Drive		
	3049	Mr. G Street		
	3050	West Street		
	3051	Wommack Street		
	3052	Palmetto Street		
	3053	Holiday Street		
	3054	Surfview Street		
	3055	Gulfview Street		
	3056	Townsend Street		
	3057	Lazy Lane		
	3058	O'Neal Road		
	3059	Jacks Road		
	3060	Tinkle Lane		
	3061	Alma Street		
	3062	Honeysuckle Drive		
	3063	Melody Drive		
	3064	Helen Boulevard		
	3065	Boyt Street		
	3066	Magnolia Lane		
	3067	Rettilon Road		
Boat Ramp	RARNUM	NAME	CONTACT	CONTACT INFO
	2089	Bolivar Yacht Basin		
Facility	RARNUM	NAME	CONTACT	CONTACT INFO
	1229	J.B.'s Seafood	Jack or Cindy Blume	409-684-8148
	1230	Crystal Beach Facility	Gregory Rincon	713-204-1145
	1234	Bolivar Yacht Basin Fuel Tank	Craig Ward	713-826-0465
	1237	Cameron Highway Oil Pipeline System - Texas City Segment	Mike McNeer	888-883-6308
	1239	TXI Operations LP - Port Bolivar Ready Mix Plant #506	Wesley Stephenson	409-828-0760

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: Large swells may develop during deep draft vessel movement. Very shallow near shoreline.

8. Site Number: 69-A	9. Quad Name Port Bolivar	10. NOAA Chart # 11324,11326,11331	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Baffle Point Marsh #5 Man made Spartina marsh restoration surrounding dredge placement site. Very shallow water.	14. Latitude From: 29 24' 39.23"N	To:	
	15. Longitude From: 94 44' 58.24"W	To:	

16. Closest Boat Ramp Hornbecks Seafood	17. Distance From Ramp 4.1 NM	18. Boat Type Multiple Types
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19. Directions From Local Sector Access by boat only	20. Closest Airport Scholes Field (GLS)	21. Closest Helo Spot Scholes Field (GLS)
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22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 3600' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority N/A	25. Water depth in ft. 0-3'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic N/A	27. No. of Personnel 2
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy Recommendation Deploy boom to prevent migration of oil into marsh.



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: Typical sandy beach environment. Protect from overexposure to sun/heat stress. Mosquitos and snakes prevalent in dunes.

8. Site Number: 69-B	9. Quad Name Flake	10. NOAA Chart # 11326,11334	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Flake Beach Washout #2 A beach wash-over area may form in this area.	14. Latitude From: 29 24' 39.9"N	To:
	15. Longitude From: 94 41' 51.3"W	To:

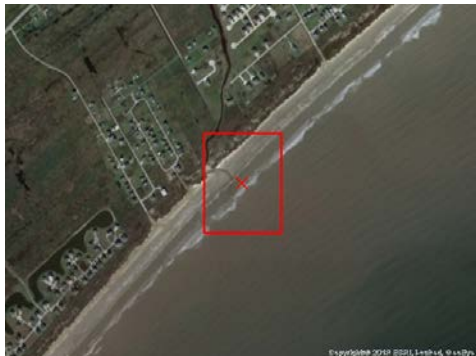
16. Closest Boat Ramp Hornbecks Seafood	17. Distance From Ramp N/A	18. Boat Type None
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19. Directions From Local Sector Take 45S to Seawall and turn Left, follow signs to Hwy 87 and Ferry Landing. Take Ferry to Bolivar, follow 87 to Magnolia Rd, turn Right to beach. Turn left and proceed to washout.	20. Closest Airport Scholes Field (GLS)
	21. Closest Helo Spot Scholes Field (GLS)

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 5-10' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority N/A	25. Water depth in ft. 3'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Medium
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic High	27. No. of Personnel 2
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy **Recommendation**
Construct sand berm across washout when threat of oil is imminent to prevent oil from entering marsh. Install 4" PVC pipes to allow water to flow out of marsh if necessary. Line marsh side of berm with sorbent material.

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: Typical sandy beach environment. Protect from overexposure to sun/heat stress. Mosquitos and snakes prevalent in dunes.

8. Site Number: 69-C	9. Quad Name Flake	10. NOAA Chart # 11326,11334	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Flake Beach Washover #1 Example of a beach wash-over area. Contact Houston Audubon Society 713-932-1639 if any spill threatens this area.	14. Latitude From: 29 23' 26.6"N	To:	
	15. Longitude From: 94 43' 03.6"W	To:	

16. Closest Boat Ramp Hornbecks Seafood	17. Distance From Ramp N/A	18. Boat Type None
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19. Directions From Local Sector Take 45S to Seawall and turn Left, follow signs to Hwy 87 and Ferry Landing. Take Ferry to Bolivar, follow 87 to Rettolon Rd, turn right and proceed to beach. Turn left at beach and proceed to washout.	20. Closest Airport Scholes Field (GLS)		21. Closest Helo Spot Scholes Field (GLS)
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22. Trustee/Contact Numbers USCG: (281) 464-4800 RRC: (713) 869-5001 USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: (713) 767-3563 USFWS: (281) 286-8282	23. Resources at Risk Atlas Priority N/A Environmental High Economic High	24. Width of inlet 5-10' in ft. 25. Water depth in ft. 3' 26. Current Medium 27. No. of Personnel 2
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25. Booming Strategy Recommendation Construct sand berm across washout when threat of oil is imminent to prevent oil from entering marsh. Install 4" PVC pipes to allow water to flow out of marsh if necessary. Line marsh side of berm with sorbent material.

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: Typical sandy beach environment. Protect from overexposure to sun/heat stress. Mosquitos and snakes prevalent in dunes.

8. Site Number: 69-D	9. Quad Name Flake	10. NOAA Chart # 11326,11334	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Flake Beach Washout #3 A beach wash-over may form in the area.	14. Latitude From: 29 25' 49.1"N	To:
	15. Longitude From: 94 40' 20"W	To:

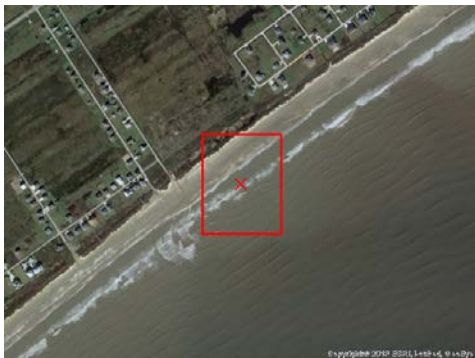
16. Closest Boat Ramp Hornbecks Seafood	17. Distance From Ramp N/A	18. Boat Type None
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19. Directions From Local Sector Take 45S to Seawall and turn Left, follow signs to Hwy 87 and Ferry Landing. Take Ferry to Bolivar, follow 87 to Ranch Rd and turn Right to beach. Turn left on beachfront and proceed to washout.	20. Closest Airport Scholes Field (GLS)
	21. Closest Helo Spot Scholes Field (GLS)

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 5-10' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority N/A	25. Water depth in ft. 3'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Medium
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic High	27. No. of Personnel 2
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy Recommendation Construct sand berm across washout when threat of oil is imminent to prevent oil from entering marsh. Install 4" PVC pipe to allow water to flow out of marsh if necessary. Line marsh side of berm with sorbent material.
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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: Typical sandy beach environment. Protect from overexposure to sun/heat stress. Mosquitos and snakes prevalent in dunes.

8. Site Number: 69-E	9. Quad Name Flake	10. NOAA Chart # 11326,11334	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Flake Beach Washout #4 A beach wash-over may form in this area.	14. Latitude From: 29 26' 01.5"N	To:
	15. Longitude From: 94 39' 58.1"W	To:

16. Closest Boat Ramp Hornbecks Seafood	17. Distance From Ramp N/A	18. Boat Type None
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19. Directions From Local Sector Take 45S to Seawall and turn Left, follow signs to Hwy 87 and Ferry Landing. Take Ferry to Bolivar, follow 87 to Alma Rd, turn right and proceed to beach. Turn right on beach and proceed to washout.	20. Closest Airport Scholes Field (GLS)
	21. Closest Helo Spot Scholes Field (GLS)

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 5-10' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority N/A	25. Water depth in ft. 3'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Medium
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic High	27. No. of Personnel 2
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy Recommendation Construct sand berm across washout when threat of oil is imminent to prevent oil from entering marsh. Install 4" PVC pipe to allow water to flow out of marsh if necessary. Line marsh side of berm with sorbent material.
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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: Typical sandy beach environment. Protect from overexposure to sun/heat stress. Mosquitos and snakes prevalent in dunes.

8. Site Number: 69-F	9. Quad Name Flake	10. NOAA Chart # 11326,11334	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Freshwater Bayou (Beach Washout) Beach Washout Entrance to Freshwater Bayou.	14. Latitude From: 29 26' 49.1"N	To:
	15. Longitude From: 94 38' 30.4"W	To:

16. Closest Boat Ramp Hornbecks Seafood	17. Distance From Ramp N/A	18. Boat Type None
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19. Directions From Local Sector Take 45S to Seawall and turn Left, follow signs to Hwy 87 and Ferry Landing. Take Ferry to Bolivar, follow 87 to Monkhouse Dr and take right to beach. Take a right on the beach, follow beachfront to washout.	20. Closest Airport Scholes Field (GLS)
	21. Closest Helo Spot Scholes Field (GLS)

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 30' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority N/A	25. Water depth in ft. 2'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Medium
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic High	27. No. of Personnel 2
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy **Recommendation**
Construct sand berm across washout when threat of oil is imminent to prevent oil from entering marsh. Install 4" PVC pipe to allow water to flow out of marsh if necessary. Line marsh side of berm with sorbent material.

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: Very shallow water near the shoreline. Potentially heavy vessel traffic along ICWW.

8. Site Number: 69-G	9. Quad Name Flake	10. NOAA Chart # 11326	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Sievers Cut Habitat for Passerine birds, fish, shrimp, crabs, shorebirds, upland/wetlands plants. Located near ICWW marker 340		14. Latitude From: 29 26' 13"N	To:
		15. Longitude From: 94 42' 19"W	To:

16. Closest Boat Ramp Bolivar Yacht Basin	17. Distance From Ramp 0.1 NM	18. Boat Type Multiple Types
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19. Directions From Local Sector Take 45S to Seawall and turn Left, follow signs to Hwy 87 and Ferry Landing. Take Ferry to Bolivar to highway 87. Left on Boyt Rd.		20. Closest Airport Scholes Field (GLS)
		21. Closest Helo Spot Scholes Field (GLS)

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 3600' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority N/A	25. Water depth in ft. 4'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic N/A	27. No. of Personnel 6
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy Recommendation Deploy boom to prevent oil from entering East Bay at Siever's Cut.
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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: Very shallow water near the shoreline. Potentially heavy vessel traffic along ICWW.

8. Site Number: 69-H	9. Quad Name Flake	10. NOAA Chart # 11326, 11334	11. GLO Atlas Page # 69	12. County Galveston
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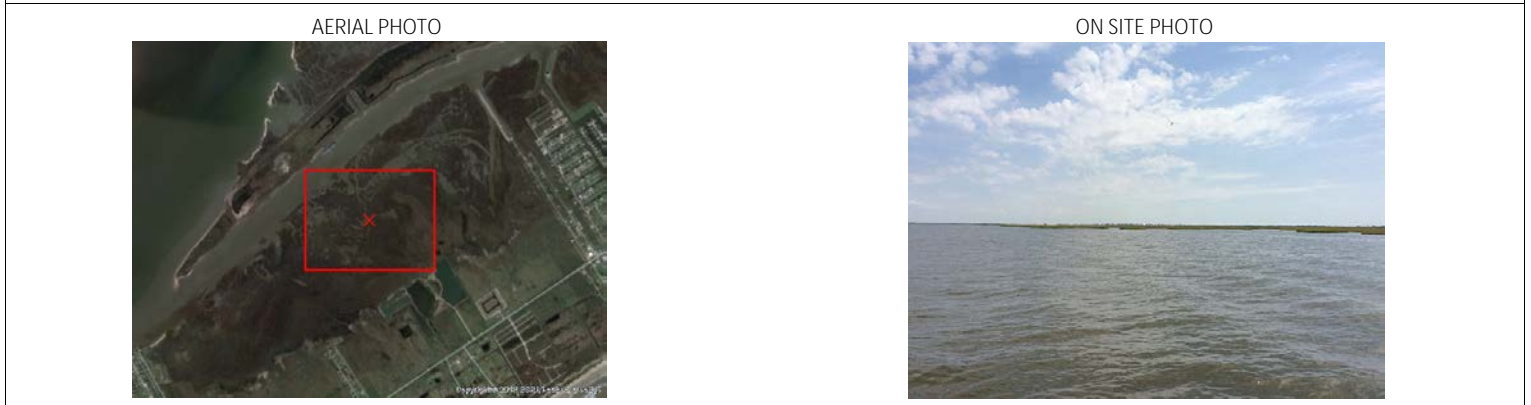
13. Site Information: Sievers Cove Marsh Multiple Marsh's between Mile Markers 337-346 along ICWW.	14. Latitude From: 29 28' 16"N	To:	
	15. Longitude From: 94 38' 04"W	To:	

16. Closest Boat Ramp Bolivar Yacht Basin	17. Distance From Ramp 0.2 NM	18. Boat Type None
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19. Directions From Local Sector Take 45S to Seawall and turn Left, follow signs to Hwy 87 and Ferry Landing. Take Ferry to Bolivar to highway 87. Left on Boyt Rd. Right on Bay Rd.	20. Closest Airport Scholes Field (GLS)
	21. Closest Helo Spot Scholes Field (GLS)

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 6000' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority High	25. Water depth in ft. 1.5'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309		27. No. of Personnel >6
TCEQ: (713) 767-3563 USFWS: (281) 286-8282	Economic N/A	

25. Booming Strategy Recommendation Deploy boom to protect sensitive marsh areas along ICWW



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
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Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks

7. Assignments

SAFETY NOTE: Very shallow water near the shoreline. Potentially heavy vessel traffic along ICWW.

8. Site Number: 69-I	9. Quad Name Flake	10. NOAA Chart # 11326, 11334	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Mile Marker 337-346 Marsh Multiple Marsh's between Mile Markers 337-346 along ICWW.	14. Latitude From: 29 28' 16"N	To:	
	15. Longitude From: 94 38' 04"W	To:	

16. Closest Boat Ramp Laguna Harbor	17. Distance From Ramp 0.5 NM	18. Boat Type Shallow, aluminum hull or airboat
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19. Directions From Local Sector Take 45S to Seawall and turn Left, follow signs to Hwy 87 and Ferry Landing. Take Ferry to Bolivarto highway 87. Left on Lagoon Dr.	20. Closest Airport Scholes Field (GLS)	21. Closest Helo Spot Scholes Field (GLS)
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22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 600' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority Low	25. Water depth in ft. 1.5'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic N/A	27. No. of Personnel 4
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy Recommendation Deploy boom to prevent oil from entering sensitive marsh areas along ICWW.
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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: Very shallow water near the shoreline. Potentially heavy vessel traffic along ICWWW.

8. Site Number: 69-J	9. Quad Name Flake	10. NOAA Chart # 11326, 11334	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Dredgeboat Slough Dredgeboat Slough leads to an extensive marsh. Habitat for Passerine birds, raptors, wading birds.	14. Latitude From: 29 27' 17"N	To:	
	15. Longitude From: 94 40' 39"W	To:	

16. Closest Boat Ramp Laguna Harbor	17. Distance From Ramp 0.6 NM	18. Boat Type Multiple Types
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19. Directions From Local Sector Take 45S to Seawall and turn Left, follow signs to Hwy 87 and Ferry Landing. Take Ferry to Bolivar to highway 87. Left on N Tinkle Ln.	20. Closest Airport Scholes Field (GLS)	21. Closest Helo Spot Scholes Field (GLS)
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22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 600' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority High	25. Water depth in ft. 2.5'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309		27. No. of Personnel 2
TCEQ: (713) 767-3563 USFWS: (281) 286-8282	Economic N/A	

25. Booming Strategy Recommendation Deploy boom to prevent oil entering Dredgeboat Slough and associated marsh complex.

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: Very shallow water near the shoreline. Potentially heavy vessel traffic along ICWWW.

8. Site Number: 69-K	9. Quad Name Flake	10. NOAA Chart # 11331	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Pepper Grove Cove Habitat for Passerine birds, fish, shrimp, crabs, shorebirds, upland/wetlands plants.			14. Latitude From: 29 27' 41"N	To:
			15. Longitude From: 94 41' 31"W	To:

16. Closest Boat Ramp Bolivar Yacht Basin	17. Distance From Ramp 2 NM	18. Boat Type Multiple Types
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19. Directions From Local Sector Accessible by boat only		20. Closest Airport Scholes Field (GLS)
		21. Closest Helo Spot Scholes Field (GLS)

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 2500' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority High	25. Water depth in ft. 3'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic N/A	27. No. of Personnel 6
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy Recommendation Deploy boom to protect sensitive marsh habitat in Pepper Grove Cove.
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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: Very shallow water near the shoreline. Potentially heavy vessel traffic along ICWWW.

8. Site Number: 69-L	9. Quad Name Flake	10. NOAA Chart # 11331	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Little Elmgrove Bayou Habitat for Passerine birds, fish, shrimp, crabs, shorebirds, upland/wetlands plants.	14. Latitude From: 29 28' 26" N	To:	
	15. Longitude From: 94 40' 56"W	To:	

16. Closest Boat Ramp Bolivar Yacht Basin	17. Distance From Ramp 2.2 NM	18. Boat Type Multiple Types
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19. Directions From Local Sector Accessible by boat only	20. Closest Airport Scholes Field (GLS)
	21. Closest Helo Spot Scholes Field (GLS)

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 300' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority High	25. Water depth in ft. 3'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic N/A	27. No. of Personnel 2
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy Recommendation Deploy boom to oil from entering Little Elmgrove Bayou.



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: Very shallow water near the shoreline. Potentially heavy vessel traffic along ICWWW.

8. Site Number: 69-M	9. Quad Name Flake	10. NOAA Chart # 11331	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Big Elmgrove Bayou Bayou leading into extensive marsh complex. Multiple smaller cuts along shoreline in vicinity of bayou lead into marsh and should be boomed.	14. Latitude From: 29 °28' 25"N	To:	
	15. Longitude From: 94 40' 16"W	To:	

16. Closest Boat Ramp Bolivar Yacht Basin	17. Distance From Ramp 2.4 NM	18. Boat Type Multiple Types
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19. Directions From Local Sector Accessible by boat only	20. Closest Airport Scholes Field (GLS)	21. Closest Helo Spot Scholes Field (GLS)
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22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 2000' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority High	25. Water depth in ft. 3'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic N/A	27. No. of Personnel 4
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy Recommendation Deploy boom to prevent oil from entering Big Elmgrove Bayou and associated marsh.



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: Very shallow water near the shoreline. Potentially heavy vessel traffic along ICWWW.

8. Site Number: 69-N	9. Quad Name Flake	10. NOAA Chart # 11331	11. GLO Atlas Page # 69	12. County Galveston
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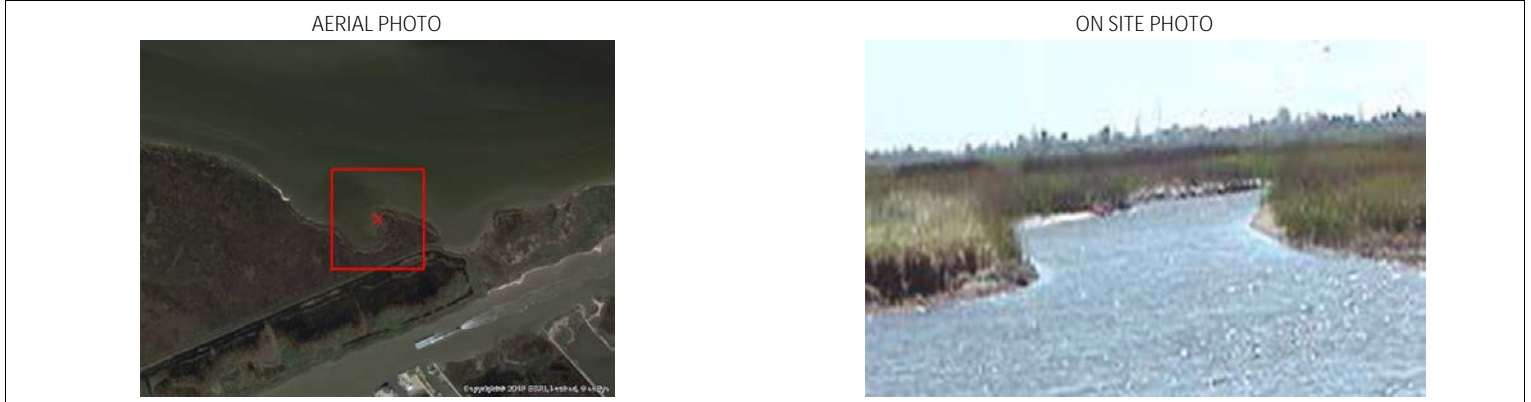
13. Site Information: Stingaree Point Channel leading into extensive marsh complex associated with Big Elm Bayou. Habitat for Passerine birds, fish, shrimp, crabs, shorebirds, upland/wetlands plants.	14. Latitude From: 29 28' 24"N	To:	
	15. Longitude From: 94 39' 44"W	To:	

16. Closest Boat Ramp Bolivar Yacht Basin	17. Distance From Ramp 3 NM	18. Boat Type Multiple Types
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19. Directions From Local Sector Accessible by boat only	20. Closest Airport Scholes Field (GLS)
	21. Closest Helo Spot Scholes Field (GLS)

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 600' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority High	25. Water depth in ft. 3'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental High	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309		27. No. of Personnel 2
TCEQ: (713) 767-3563 USFWS: (281) 286-8282	Economic N/A	

25. Booming Strategy Recommendation Deploy boom to prevent oil from entering Stingaree Cove and associated marsh complex.



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: Very shallow water near the shoreline. Potentially heavy vessel traffic along ICWW.

8. Site Number: 69-O	9. Quad Name Flake	10. NOAA Chart # 11326,11334	11. GLO Atlas Page # 69	12. County Galveston
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13. Site Information: Mile Marker 337-346 Canals Multiple canal entrances between Mile Markers 337-346 along ICWW.	14. Latitude From: 29 27' 57"N	To:	
	15. Longitude From: 94 38' 56"W	To:	

16. Closest Boat Ramp Laguna Harbor	17. Distance From Ramp 0.75 NM	18. Boat Type Multiple Types
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19. Directions From Local Sector Take 45S to Seawall and turn Left, follow signs to Hwy 87 and Ferry Landing. Take Ferry to Bolivar to highway 87. Left on Monkhouse Rd	20. Closest Airport Scholes Field (GLS)	21. Closest Helo Spot Scholes Field (GLS)
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22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 750' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority Low	25. Water depth in ft. 6'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental Medium	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic N/A	27. No. of Personnel 4
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy Recommendation Deploy boom to protect canals leading into subdivisions along Bolivar Peninsula



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."