

# Quadrant: PORT ARTHUR SOUTH

Map # :31

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	United Marine Enterprise colonial water bird rookery, 601-151	High	Least terns				
PPA0160	MEDIUM	Taylor Bayou south of Port Arthur	HIGH				HIGH	
PPA0166	LOW	Sabine Neches Ship Channel			HIGH	Recreational fishing, commercial crabbing, shrimping		
PPA0171	LOW	Big Hill Bayou marsh	LOW	Moorhen, mottled duck, waterfowl, herons			MEDIUM	Fresh marsh
PPA0183	LOW	Reservoir south of Taylor Bayou					HIGH	
PPA0200	LOW	Fill area south of GIWW	HIGH		MEDIUM	Nursery		
PPA0201	HIGH	Lost Lake marsh and Round Lake; part of J.D. Murphree WMA	VERY HIGH	15,000 canvasbacks on Lost Lake (10 percent of Central Flyway population); Round Lake rookery (601-143) with high numbers of egrets, spoonbill, cormorant	MEDIUM	Nursery	HIGH	Freshwater surrounded by brackish marsh
PPA0202	HIGH	Big Forge Bayou	HIGH		HIGH	Nursery area (white shrimp, blue crab, finfish)	LOW	Freshwater marsh, wet prairie
PPA0206	LOW	Marsh at Blue Buck Point	HIGH				LOW	Freshwater marsh, wet prairie
PPA0207	MEDIUM	Gulf Intracoastal Waterway	HIGH		HIGH	High priority recreational fishing, crabbing; shrimp, blue crab, red and black drum, seatrout, flounder		
PPA0208	LOW	Offshore of Blue Buck Point			HIGH	Oyster reefs, medium nursery, recreational and commercial fishing, crabbing		
PPA0214	HIGH	Keith Lake and J.D. Murphree WMA	HIGH	Many species of waterbirds, wading birds	HIGH	Nursery areas, high recreational fishing for red drum, seatrout, other species; high numbers of brown and white shrimp; commercial crabbing around Keith Lake	HIGH	Semi-brackish marsh (marshhay cordgrass)
PPA0232	MEDIUM	Marsh east of Keith Lake	HIGH				HIGH	Fresh to intermediate marsh
PPA0233	MEDIUM	Sabine Pass shoreline north of Pass Channel	HIGH				HIGH	
PPA0256	LOW	North of Point Hunt			HIGH	Sport fishing, oysters		

#### Biological Resources

#### Bird

RNUM	NAME	SF	TE	CONC	J	F	М	А	M	J	J	Α	S	0	N	D	Nesting	Migrating	Molting
115	Migratory songbirds			-				Х	X								-	-	-
	Peregrine falcon	S	Т	-	Χ	Х	Х	Х				Χ	Х	Χ	Χ	Х	-	-	-
	Black-necked stilt			10S		Х	Х	Х	Χ	Χ	Х	Χ	Χ	Χ			-	-	-
	Dowitchers			100S	Χ	Х	Х	Х	Χ		Х	Χ	Χ	Χ	Χ	Х	-	JUL-MAY*	-
	Dunlin			100S	Χ	Х	Х	Х	Χ				Χ	Х	Χ	Х	-	-	-
	Killdeer			100S	Χ	Х	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Х	-	DEC-MAR	-
	Shorebirds			1000S	Χ	Х	Х	Х	Х		Χ	Χ	Χ	Х	Χ	Х	-	-	-
	Western sandpiper			100S	X	X	X	Χ	Х	Χ	Χ	Х	Χ	Х	X	X	-	JUL-MAY*	-
	Willet			100S	Χ	Х	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	-	AUG-APR*	-
	Yellowlegs			10S	Χ	Х	Х	Х	Χ		Х	Χ	Χ	Х	Χ	Х	-	JUL-MAY*	-
	American bittern			-	Χ	Х	Х	Х	Х				Χ	Х	Χ	Х	-	-	-
	Black rail			-	Χ	Х	Х	Х	Х	Χ	Χ	Χ	Χ	Х	Χ	Х	-	-	-
	Clapper rail			-	Χ	Х	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	FEB-SEP	-	-
	King rail			-	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Χ	Χ	Х	APR-MAY	-	-
	Marsh birds			-	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	-	-	-
	Sora			-	Х	Х	Х	Х	Χ			Х	Х	Χ	Х	Х	-	_	-
	Wading birds			-	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Χ	Х	Х	-	-	-
	Wood stork	S	Т	OCCASIONAL						Χ	Х	Х	Х	Χ			-	-	-
	Yellow rail			-	Х	Х	Х	Х					Х	Χ	Х	Х	-	-	_
	Common moorhen			-	Х	Χ	Х	Χ	Х	Χ	Χ	Х	Х	Х	Х	Х	MAR-OCT	-	-
	Waterfowl			HIGH	Χ	Х	Х	Χ	Х	Χ	Χ	Χ	Χ	Х	Χ	Х	-	-	-
16	Common loon			-	Х	Х	Х	Х	Χ					Χ	Х	Х	-	-	-
	Diving birds			-	Χ	Х	Х	Х	Х	Χ	Х	Χ	Χ	Х	Х	Х	-	-	-
	Wading birds			-	Х	Х	Х	Х	Χ	Χ	Х	Χ	Χ	Χ	Х	Х	-	-	-
	Diving ducks			-	Х	Х	Х	Х	Χ					Х	Х	Х	-	-	-
	Waterfowl			-	Χ	Х	Х	Х	Χ	Χ	Х	Χ	Χ	Χ	Χ	Х	-	-	-
17	Diving birds			-	Х	Х	Х	Х	Х	Χ	Х	Χ	Χ	Х	Χ	Х	-	-	-
	Diving ducks			-	Х	Х	Х	Х	Χ					Χ	Х	Х	-	-	-
18	Black-necked stilt			10S		Х	Х	Х	Χ	Χ	Х	Χ	Х	Χ			-	_	-
	Dowitchers			100S	Х	Х	Х	Х	Χ		Х	Х	Х	Χ	Х	Х	-	JUL-MAY*	-
	Dunlin			100S	Х	Х	Х	Х	Χ				Х	Χ	Х	Х	<u>-</u>	-	-
	Killdeer			100S	Х	X	X	X	X	Χ	Х	Х	X	X	X	X	-	DEC-MAR	-
	Shorebirds			1000S	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Western sandpiper			100S	X	X	X	X	X	Χ	X	X	X	X	X	X	-	JUL-MAY*	-
	Willet			100S	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	-	AUG-APR*	-
	Yellowlegs			10S	Х	Х	Х	Х	Х		Х	Х	Х	Х	Х	Х	-	JUL-MAY*	-
248	Diving birds			-	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Χ	Х	Х	-	-	-
	Black-necked stilt			10S		Х	Х	Х	Χ	Χ	Х	Х	Х	Χ			-	-	-
	Dowitchers			100S	Х	Х	Х	Х	Χ		Х	Х	Х	Χ	Х	Х	-	JUL-MAY*	-
	Dunlin			100S	Х	Х	Х	Х	Χ				Х	Χ	Х	Х	-	-	-
	Killdeer			100S	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	-	DEC-MAR	-
	Shorebirds			1000S	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Western sandpiper			100S	X	X	X	X	X	Х	X	X	X	X	X	X	-	JUL-MAY*	-
	Willet			100S	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	-	AUG-APR*	-
	Yellowlegs			10S	Х	Х	Х	Х	Χ		Х	Х	Х	Х	Х	Х	-	JUL-MAY*	-

## Bird

O249 Ame Black D S S S Y Div Rt V O250 Di S S Pere Black D S S Y Ame CI Div V O251 Co S S Y Ame S Pere Black D S S Y Ame S Y Ame S Y Ame S Y Ame	Diving ducks merican white pelican ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Tellowlegs Pergrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	SF	T	CONC 10S 100S 100S 100S 100S 100S 100S	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X	X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	Nesting	Migrating  JUL-MAY* - DEC-MAR - JUL-MAY*  AUG-APR* JUL-MAY* JUL-MAY* - DEC-MAR	Molting
O249 Ame Black D S V Div Rt V O250 Di S Pere Black D S V Ame CI Div V Ame S S V Ame S S V Ame S CI D S V Ame S CI D S S V Ame S S V A A A A A A A A A A A A A A A A A	merican white pelican ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			- 10S 100S 100S 100S 10S 10S 100S 100S 1	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X	X X X X X X X X X X X X	x x x x x x x	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X	- - - - - - - - - - - - -	JUL-MAY*  - DEC-MAR  - JUL-MAY*  AUG-APR*  JUL-MAY*  JUL-MAY*	
Black D S S Y Dir Rt V O250 Di S Pere Black D S Y Ame E CI M S S Y Ame E CI S Y Ame E CI S Y Ame T S Y A T S Y A T S Y A T S Y A T S T S Y A T S T S Y A T S T S T S T S T S T S T S T S T S T	pelican ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl			10S 100S 100S 100S 100S 100S 10S - - - - 10S 100S 10	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X	X X X X X X X X X X X	x x x x x x x	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X	x x x x x x x x x x x x x x x x x x x	X X X X X X X X X	- - - - - - - - - - - - -	JUL-MAY*  - DEC-MAR  - JUL-MAY*  AUG-APR*  JUL-MAY*  JUL-MAY*	
Black D S S V Div Rt V O250 Di S Pere Black D S V Ame E CI M V O251 Co M S Pere Black D S V Ame T S S V A S S V A S S V A S S V A S S V A S A S	Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds Pregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs Pregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs Predict of the predict of			100S 100S 100S 100S 100S 100S 100S 10S 10S 100S 10	X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X	X X X X X X X X X X X	X X X X X X X X X X X	x x x x x x x	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X	X X X X X X X X	- - - - - - - - - - - - -	JUL-MAY*  - DEC-MAR  - JUL-MAY*  AUG-APR*  JUL-MAY*  JUL-MAY*	
S N S N S N S N S N S N S N S N S N S N	Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			100S 100S 100S 100S 100S 100S 100S 10S 10S 100S 10	X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X	X X X X X X X X X X X	X X X X X X X X X X X	x x x x x x x	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X	X X X X X X X X	- - - - - - - - - - - - -	JUL-MAY*  - DEC-MAR  - JUL-MAY*  AUG-APR*  JUL-MAY*  JUL-MAY*	
S N S N S N S S N S S N S S N S S N S S N S S N S S N S S N S S N S S N S N S S N	Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stillt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			100S 100S 100S 100S 100S 100S 10S 10S 100S 10	X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X	X X X X X X X X X X X	X X X X X X X X X X	x x x x x x	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X	X X X X X X X X	- - - - - - - - - -	- DEC-MAR - JUL-MAY*  AUG-APR* JUL-MAY* JUL-MAY* JUL-MAY*	- - - - - - - - - - -
S N S N S N S N	Killdeer Shorebirds Western sandpiper Willet Yellowlegs Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			100S 100OS 100S 100S 100S 10S 10S 100S 10	X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X X X	X X X X X X	X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X	X X X X X X X X	- - - - - - - - - - -	- JUL-MAY*  AUG-APR* JUL-MAY*  JUL-MAY*	- - - - - - - - - - -
S N S N S N S N	Shorebirds Western sandpiper Willet Yellowlegs Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			1000S 100S 100S 100S 10S 10S 100S 10	X X X X X X X X X X X X X	X X X X X X X X X X X X X	X X X X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X	X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X	X X X X X X X	- - - - - - - - -	- JUL-MAY*  AUG-APR* JUL-MAY*  JUL-MAY*	- - - - - - - - -
O250  O250  Div Ru V O250  M S Pere Black D S V Ame E CI M V O251  Co S Pere Black D S V Ame T S V A A T S V A T A T S V A T A T A T A T A T A T A T A T A T A	Western sandpiper Willet Yellowlegs Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			100S 100S 100S 10S 10S 100S 100S	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X	X X X X X X X X	X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X	X X X X X X X	- - - - - - - - -	AUG-APR*  JUL-MAY*  JUL-MAY*  - JUL-MAY*	- - - - - - - - -
O250 Dia Ru V V Divi Ru V V S S V S	sandpiper Willet Yellowlegs Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			100S 10S 10S 100S 100S 100S 10	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X	X X X X X X X X	X X X X	X X X X X X	X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X	X X X X X X	X X X X X X	- - - - - - -	AUG-APR*  JUL-MAY*  JUL-MAY*  - JUL-MAY*	- - - - - - - -
Y Div Ru V V O Div S Pere Black W Y O Div V O D Div V C Div V S S Pere Black D Div V C Div V C Div V S S Pere Black D D S S N S S S N S S S N S S S N S S S N S N	Willet Yellowlegs Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			10S 10S 100S 100S 100S 100S	X X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X	X X X X X X X X	X X X	X X X X X X X	X X X X X X X X	X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X	X X X X X	- - - - - - -	JUL-MAY* JUL-MAY* - JUL-MAY*	- - - - - - -
Divince Rule VV O250 Di M SS Peres Black D SS V Ame E CI M W V O251 Co I N SS Peres Black D S V Y Ame I S Peres Black D S V S S V S S V Ame I S I S V A S I S I S I S I S I S I S I S I S I S	Yellowlegs Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds Pregrine falcon Cack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs Precian bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			10S 10S 100S 100S 100S 100S	X X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X	X X X X X X X X	X X X	X X X X X X X	X X X X X X X X	X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X	X X X X X	- - - - - - -	JUL-MAY* JUL-MAY* - JUL-MAY*	- - - - - -
Divince Rule VV O250 Di M SS Peres Black D SS V Ame E CI M W V O251 Co I N SS Peres Black D S V Y Ame I S Peres Black D S V S S V S S V Ame I S I S V A S I S I S I S I S I S I S I S I S I S	Diving ducks Ruddy duck Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds				X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X	X X X X X X X	X	X X X X	X X X X X	X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X	X X X X X	- - - - - -	- - - - - - JUL-MAY*	- - - - - -
O250  O250  O350  O4  O5  Pere Black D  S  Y  Ame E CI  M  V  O251  Cc  M  S  Pere Black D  S  Y  Ame T  Cl  M  S  Y  Ame T  Cl  M  S  Y  Ame T  Cl  M  S  Pere C  Black D  S  A  S  A  A  A  A  A  A  A  A  A  A	Ruddy duck Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			10S 100S 100S 100S 100S 100S	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X	X X X X X X X X X X X	X	X X X	X X X X	X X X X X	X X X X X X X X X X	X X X X X X X	X X X X X X	- - - - -	- - - - JUL-MAY*	- - - - -
O250 Di  M S Pere  Black D S Y Ame  E CI M W Y O T Di V O S Pere  Black D S Y Ame  A S Pere  Black D S Y Ame	Waterfowl Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			- - 10S 100S 100S 100S 100S 100S - - - -	X X X X X X X X	X X X X X X X X X	X X X X X X X X	X X X X X X	X X X X X X	X	X X X	X X X X	X X X X X	X X X X X X	X X X X X X	X X X X	- - - -	- - - - JUL-MAY*	- - - -
O250  Di  M S Pere  Black  D  S  Y Ame  E  CI  M  V  O251  Co  I  N S  Pere  Black  D  S  Y  Ame  T  A	Diving birds Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			- - 10S 100S 100S 100S 100S 100S - - - -	X X X X X X X X X X X X	X X X X X X X X	X X X X X X X X X X	X X X X X X	X X X X X X	X	X X X	X X X X	X X X X X	X X X X X	X X X X	X X X	- - - -	- - - - JUL-MAY*	- - - -
Pere Black D S S S S S S S S S S S S S S S S S S	Migratory songbirds eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			- 10S 100S 100S 100S 100S 100S 10S - - - -	X X X X X X X X	X X X X X X X X	X X X X X X X	X X X X X X	X X X X X	X	X X X	X X X X	X X X X X	X X X X	X X X X	X X X	- - - -	- - - JUL-MAY*	- - - -
S Pere Black  D Wa W Y C C I Div V C C I S S C C C C C C C C C C C C C C C	songbirds eregrine falcon eck-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			- 10S 100S 100S 100S 100S 100S 100S	X X X X X X X	X X X X X X X	X X X X X X X	X X X X X	X X X X	X	X	X X X	X X X X	X X X	X X X	X	- -	-	- - -
Pere Black D S S S S S S S S S S S S S S S S S S	eregrine falcon ack-necked stilt Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			10S 100S 100S 100S 100S 100S 10S 	X X X X X X X	X X X X X X X	X X X X X X X	X X X X X	X X X	X	X	X X X	X X X X	X X X	X X X	X	- -	-	- - -
S N S N S N S S N	Dowitchers Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T	100S 100S 100S 100OS 100S 10OS 	X X X X X X X	X X X X X X X	X X X X X	X X X X	X X X	X	X	X	X X X	X X X	X	Χ	-	-	-
S N S N S N S N	Dunlin Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T	100S 100S 100OS 100S 100S 10S - - - -	X X X X X X X	X X X X X X	X X X X X	X X X	X X X		X	X	X X X	X X	X	Χ	-	-	-
S N S N S N S S N S S N	Killdeer Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T	100S 100OS 100S 100S 10S - - - -	X X X X X X	X X X X X	X X X X	X X X	X		Χ	Χ	X X	Χ	Χ			- DEC-MAR -	
S N S N S N S S N S S N	Shorebirds Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T	1000S 100S 100S 10S - - - -	X X X X X	X X X X X	X X X X	X	Х		Χ	Χ	Χ			χ	_	DEC-MAR	-
Y Ame  E CI  M W Y C T Div V O251  CC  Black D S Y Ame	Western sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T	100S 100S 10S	X X X X X	X X X X	X X X	Х		X				Х	V	^	_	-	-
Y Ame  E CI  M Wa W Y C I Div V O251  Cc Black D S Y Ame	sandpiper Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T	100S 10S - - - -	X X X X	X X X	XXX		Х	Х	Х	χ	.,		Χ	Χ	-	-	
Y Ame  If CI  M  Wa  W  Y  CI  If Div  V  O251  Co  S  Pere  Black  D  S  Y  Ame	Willet Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T	10S - - - - -	X X X	X X X	X	X				/\	Χ	Χ	Χ	Χ	-	JUL-MAY*	-
Ame  E CI  M Wa W Y CO I I Div V O251  Co  S Pere Black D S Y Ame	Yellowlegs merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T	10S - - - - -	X X X	X X X	X	Χ											
Ame  E CI  M Wa W Y CO I I Div V O251  Co  S Pere Black D S Y Ame	merican bittern Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T	- - - -	X X X	X	Х		Х	Χ	Х	Х	Х	Х	Χ	Х	-	AUG-APR*	-
Market Services Servi	Black rail Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T	- - -	X	Х	_	Χ	Х		Х	Х	Χ	Χ	Χ	Х	-	JUL-MAY*	-
Market Ma	Clapper rail King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T	- -	Х			Х	Х				Χ	Х	Χ	Х	-	-	-
May Was	King rail Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	Т	-		V	Х	Х	Х	Χ	Х	Х	Х	Х	Χ	Х	-	-	-
Market Ma	Marsh birds Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	Т	-	Χ	^	Х	Х	X	Х	X	Х	Х	Х	Χ	X	FEB-SEP	-	-
Was Was Peres Black D	Sora Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	Т			Х	Х	Х	Х	Х	Х	Х	Χ	Х	Χ	Х	APR-MAY	-	-
VY O251 Co N S Pere Black D S V Ame	Wading birds Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T	-	Х	Х	Х	Χ	Х	Χ	Х	Х	Χ	Х	Χ	Х	-	-	-
VY O251 Co N S Pere Black D S V Ame	Wood stork Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	T		Χ	Х	Х	Х	Х			Х	Х	Х	Χ	Х	-	-	-
Peres Black D	Yellow rail Common moorhen Diving ducks Waterfowl Cormorants Migratory songbirds	S	Т	-	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	-	-	-
Divide the property of the pro	Common moorhen  Diving ducks  Waterfowl  Cormorants  Migratory songbirds			OCCASIONAL						Χ	Х	Х	Х	Х			-	-	-
Divide a control of the control of t	moorhen Diving ducks Waterfowl Cormorants Migratory songbirds			-	Χ	Χ	Х	Χ					Χ	Х	Χ	Χ	-	-	-
Div V O251 Co M S Pere Black D S V S	Diving ducks  Waterfowl  Cormorants  Migratory songbirds			-	Х	Х	Х	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Х	MAR-OCT	-	-
O251 Co  M S Pere  Black  D  S  Y Ame	Waterfowl Cormorants Migratory songbirds																		
O251 Co	Cormorants Migratory songbirds			-	Х	Х	Х	Χ	Х					Χ	Χ	Х	-	-	-
Pere Black D S Y Ame	Migratory songbirds			HIGH	Х	Х	Х	Χ	Х	Χ	Х	Х	Χ	Χ	Χ	Х	-	-	-
S Pere Black D S Y Ame	songbirds			-	X	Х	X	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Х	-	-	-
Pere Black D S Y Ame	_			-				Χ	Х								-	-	-
Black D S V S Y Ame																			
S N S Y Ame	eregrine falcon	S	Т	-	Х	Х	X	Χ				Х	Х	Х	Χ	Х	-	-	-
S N S	ack-necked stilt			10S		X	X	X	X	Χ	X	X	Х	X			-	-	-
S N S Y Ame	Dowitchers			100S	X	X	X	X	X		X	Х	X	X	X	X	-	JUL-MAY*	-
S N S Y Ame	Dunlin			100S	Х	Х	X	Х	Х				Х	Х	Х	Х	-	-	-
Y Ame	Killdeer			100S	X	X	X	X	X	Х	X	X	X	X	X	X	-	DEC-MAR	-
Y Ame	Shorebirds			1000S	Х	Х	X	Х	Х		X	X	Х	Х	Х	X	-	-	-
Y Ame	Western sandpiper			100S	Х	Х	X	Х	Х	Х	Х	Χ	Х	Х	Χ	X	-	JUL-MAY*	-
Ame	Willet			100S	Х	Х	X	Χ	X	X	Χ	Χ	Χ	Х	Χ	Х		AUG-APR*	_
Ame	Yellowlegs			1003	X	X	X	X	X		X	X	X	X	X	X	-	JUL-MAY*	<u>-</u>
	nerican bittern			-	X	X	X	X	X			^	X	X	X	X	-	JOE-IVIA I	<u> </u>
L	Black rail			_	X	X	X	X	X	Х	Х	Х	X	X	X	X	<u>-</u>	<u> </u>	_
CI	Clapper rail				X	X	X	X	X	X	X	Х	X	X	X	X	FEB-SEP	_	<u>-</u>
	King rail			-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	_
	Marsh birds				X	X	X	X	X	X	X	X	X	X	X	X			_
IVI				-			_		X	^	^			X			-	-	-
147	Sora Wading birds			-	X	X	X	X	X	X	Х	X	X	X	X	X	-	-	-
	Wood stork	S	Т	- OCCASIONAL	^	^	^	^	^	X	X	X	X	X	^	^	-	-	-
	Yellow rail	J	1	OCCASIONAL	Х	Х	Х	X		^	^	^	X	X	Χ	Χ	-	-	-
	Canvasback			15000	Х	Х	X	^					^	X	X	Х	-	-	<u>-</u> -
	Common			-	Х	Х	X	X	Х	Х	Х	Х	Χ	X	X	Х	- MAR-OCT	-	-
	moorhen			-	^	^	^	^	^	^	^	^	^	^	^	^	IVIAIN-UU I	-	-
	Waterfowl			HIGH	Х	Х	Х	Х	X	Х	Х	Х	Х	Х	Х	Х	-	-	-
	Migratory			-				Х	X								-	-	-
	songbirds																		
Pere	eregrine falcon	S	Т	-	Х	Х	Х	Х				Х	Х	Х	Χ	Х	-	-	-
	ack-necked stilt			10S		Х	Х	Х	Х	Χ	Х	Х	X	Х			-	-	-
D	Dowitchers			100S	Х	Х	Х	Х	Х		Х	Х	Х	Х	Χ	Х	-	JUL-MAY*	-
	Dunlin			100S	Χ	Х	Х	Х	Х				Х	Х	Χ	Х	-	-	-
	Killdeer			100S	Х	Х	Х	Χ	Х	Χ	Х	Х	Χ	Х	Χ	Х	-	DEC-MAR	-
S	Shorebirds			1000S	Х	Х	Х	Χ	Х		Х	Х	Χ	Χ	Χ	Х	-	-	-
	Western			100S	Х	Х	Х	Χ	Х	Χ	Х	Х	Х	Х	Χ	Х	-	JUL-MAY*	-
S	sandpiper			4000	, <i>,</i>	,,	,,,	, <i>,</i>	.,		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		.,	.,		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		A110 :==:	
	Willet			100S	X	X	X	X	X	Χ	X	X	X	X	X	X	-	AUG-APR*	-
	Yellowlegs			10S	X	X	X	X	X		Х	Х	X	X	X	X	-	JUL-MAY*	-
	merican bittern			-	X	X	X	X	X	.,	1.7	.,	X	X	X	X	-	-	-
	Black rail			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Clapper rail			-	X	X	X	X	X	X	X	X	X	X	X	X	FEB-SEP	-	-
	King rail			-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	-
M	Marsh birds			-	X	X	X	X	X	Х	Х	X	X	X	X	X	-	-	-
	_			-	X	X	X	X	X			X	X	X	X	X	-	-	-
	Sora			-	Х	Х	X	Х	Х	X	X	X	X	X	Χ	Х	-	-	-
	Wading birds			OCCASIONAL						Х	X	Х	X	X			-	-	-
	Wading birds Wood stork	S	Т	-	Х	Х	Х	Х					Х	Х	Х	Х	-	-	-
	Wading birds Wood stork Yellow rail	S	T		Х	Х	X	Х	Х	Х	Х	Χ	Χ	Χ	Χ	V			-
r	Wading birds Wood stork Yellow rail Common	S	T	-											Λ	Х	MAR-OCT	-	
	Wading birds Wood stork Yellow rail Common moorhen	S	T		V	W	W	V											
Gre	Wading birds Wood stork Yellow rail Common moorhen Greater white-	S	T	-	Χ	Х	X	X						X	X	X	MAR-OCT -	-	-
Gre fro	Wading birds Wood stork Yellow rail Common moorhen	S	T		X	X	X	X											-

## Fish

RARNUM	NAME	SF	ΤE	CONC	J	F	М	А	М	J	J	А	S	О	Ν	D	Spawning	Eggs	Larvae	Juveniles	Adults
0483	Tarpon			RARE			Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ		-	-	-	MAR-NOV	-
0489	Gizzard shad			ABUNDANT	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	-	-	-	-	JAN-DEC
	Atlantic croaker			HIGHLY- ABUNDANT	Х	X	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	Х	-	-	JAN-JUN	JAN-DEC	JAN-DEC
	Bay anchovy			COMMON	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC

Fish

RARNUM	NAME	SFTE	CONC		F	IM	Δ	M			Δ	S	О	l N	Ь	Spawning	Eggs	Larvae	Juveniles	Adults
	Black drum		COMMON	X	X	X	X	X	X	X	X	X	Х	X	X	- spawming		- Larvae	JAN-DEC	JAN-DEC
	Bull shark		COMMON	X		X	Х	Х	X	Х	X	X	X	X	X	-	- MAY-AUG	- MAY-AUG	APR-NOV	JAN-DEC JAN-DEC
	Gafftopsail		ABUNDANT		, A	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	X	X	X	Х	Х	X	X	\ \		APR-MAY	-	-	APR-OCT	APR-OCT
	catfish		ABONDAIVI						^				^			74 10 10 17 1			711111001	71111 001
	Gulf menhaden		ABUNDANT	Х	Х	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Χ	-	-	-	JAN-DEC	APR-DEC
	Hardhead		ABUNDANT	Х	Х	Х	Х	Χ	Χ	Χ	Χ	Χ	Х	Х	Χ	MAY-AUG	MAY-SEP	MAY-SEP	JUN-SEP	JAN-DEC
	catfish																			
	Pinfish		RARE				X	Х	X	Χ	Χ	X	X			-	-	-	APR-OCT	APR-OCT
	Red drum		COMMON	Х	X	X	X	X	X	Χ	Χ	Χ	X	X	Χ	-	-	-	JAN-DEC	JAN-DEC
	Sand seatrout		COMMON	X	Χ	X	X	Χ	Χ	Χ	Χ	Χ	X	X	Χ	-	-	-	JAN-DEC	JAN-DEC
	Sheepshead		COMMON	X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	-	-	-	DEC-FEB	JAN-DEC
	Southern		COMMON	X	X	Х	Χ	Χ	Χ	Χ	Χ	Χ	X	X	Χ	-	-	-	JAN-DEC	JAN-DEC
	flounder			_																
	Spot		HIGHLY- ABUNDANT			X	X	Х	Х	X	Х	Х	X	X		-	-	-	MAR-OCT	MAR-NOV
	Cnattad			X	X	X	X	X	Х	Х	V	Х	V	X	Х	APR-OCT	APR-OCT	APR-OCT	OCT-NOV	JAN-DEC
	Spotted seatrout		COMMON	^	^	^	^	^	^	^	Х	^	X	^	^	APR-UCI	APR-UCT	APR-OCT	OCT-NOV	JAN-DEC
	Star drum		_	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	Х	_	_	_	_	-
	Striped mullet		COMMON	X	_	X	Х	Х	Х	Х	Х	Х	Х	X	Х	_	_	_	JAN-DEC	JAN-DEC
	Tarpon		RARE	- 1	-	X	X	X	X	Х	X	X	X	X	7.	_	_	_	MAR-NOV	-
	White mullet		COMMON			- *	7.	7.	Х	Х	Х	Х	- 1	- 1		_	_	_	JUN-SEP	_
	Gulf killifish		COMMON	X	X	Х	Х	Х	X	Х	Х	X	Х	X	Х	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC
	Silver perch		RARE	X	_	X	X	X	X	X	X	X	X	X	Х	MAY-SEP	MAY-SEP	MAY-SEP	OCT-NOV	JAN-DEC
	Silversides		COMMON	X	_	X	X	X	X	X	Х	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC
	Alligator gar		COMMON	X		X	X	X	Х	Х	Х	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Spotted gar		ABUNDANT	X	_	X	X	X	X	X	X	X	X	X	X	APR-MAY	APR-MAY	_	JAN-DEC	JAN-DEC
	Atlantic		RARE	^		^	^	^	^	X	X	X	X	^	^	AFIX-IVIA I	AFIX-IVIAT	_	JUL-OCT	JAN-DEC
	spadefish		RARE							^	^	^	^			-	-	-	JUL-UC1	-
	Bay whiff		RARE	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	-	-	-	JUL-AUG	JAN-DEC
	Spotfin mojarra		RARE								Х	Х				_	_	_	-	-
	Atlantic bumper		RARE	+							X	X				-	-	-	-	AUG-SEP
	Crevalle jack		COMMON	+					Х	Х	X					_	-	-	JUN-AUG	-
	Spanish		COMMON	+						- (		Х	X			_	-	_	SEP-OCT	SEP-OCT
	mackerel		SOMMON																3 <u>-</u> 1 001	3 <u>-</u> 1 001
0494	Gizzard shad		RARE	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	-	-	-	-	JAN-DEC
	Atlantic croaker		HIGHLY-		X	X	Х	Х	Х	Х	Х	Х	Х	X	Х	-	-	JAN-JUN	JAN-DEC	JAN-DEC
			ABUNDANT			L		L					L							
	Bay anchovy		COMMON	Х	X	Х	Х	Х	Χ	Χ	Χ	Х	Х	Х	Χ	MAR-NOV	MAR-NOV	MAR-NOV	FEB-DEC	JAN-DEC
	Black drum		COMMON	X	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	X	Χ	Χ	-	-	-	JAN-DEC	JAN-DEC
	Bull shark		COMMON	X	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	X	Χ	-	MAY-AUG	MAY-AUG	APR-NOV	JAN-DEC
	Gafftopsail		COMMON				Χ	Χ	Χ	Χ	Χ	Χ	Χ			APR-MAY	-	-	APR-OCT	APR-OCT
	catfish																			
	Gulf menhaden		ABUNDANT	_	X	X	X	Χ	Χ	Χ	Χ		X	X	Χ	-	-	-	JAN-DEC	APR-OCT
	Hardhead		ABUNDANT	X	X	X	X	Х	Х	Х	Х	X	X	X	X	MAY-AUG	MAY-SEP	MAY-SEP	MAY-SEP	JAN-DEC
	catfish		00141401									\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	.,				IANI DEG	IAN DEG
	Red drum		COMMON	X	_	X	X	X	X	X	X	_	X	X	X	-	<u>-</u>	-	JAN-DEC	JAN-DEC
	Sand seatrout		RARE		X	X	X	X	X	X	X		X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Sheepshead		COMMON	Х	_	X	X	X	X	Х	X	Х	X	X	X	-	-	-	DEC-JAN	JAN-DEC
	Southern flounder		COMMON	X	X	X	Х	Х	Х	Х	Х	Х	X	X	Х	-	-	-	JAN-DEC	JAN-DEC
	Spot		HIGHLY-	+	X	X	X	Х	Х	Х	Х	Х	X	X				_	FEB-NOV	APR-NOV
	Эрог		ABUNDANT		^	^	^	^	^	^	^	^	^	^		-	-	-	I LB-NOV	AFIC-NOV
	Spotted		COMMON	Х	Х	Х	Х	Х	Х	Χ	Х	Χ	Х	Х	Х	-	-	-	AUG-NOV	JAN-DEC
	seatrout																			
	Striped mullet		COMMON	Х	X	X	Χ	Χ	Χ	Χ	Χ	Χ	X	X	Χ	-	-	-	JAN-DEC	JAN-DEC
	Tarpon		RARE			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х		-	-	-	MAR-NOV	-
	Silver perch		RARE	Х	Х	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Χ	MAY-SEP	MAY-SEP	MAY-SEP	JUN-DEC	JUN-DEC
	Alligator gar		-	Х	Х	Х	Χ	Х	Χ	Χ	Χ	Χ	Х	Х	Χ	-	-	-	JAN-DEC	JAN-DEC
	Blue catfish		ABUNDANT	Х	Х	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Х	-	-	-	JAN-DEC	JAN-DEC
	Atlantic		RARE					Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	-	-	-	MAY-DEC	-
	spadefish																			
	Bay whiff		RARE	Х	Χ	Х	X	Χ	Χ	Χ	Χ	X	X	X	Χ	-	-	-	APR-SEP	JAN-DEC
0499	Gizzard shad		ABUNDANT	X	Χ	Х	X	Χ	Χ	Χ	Χ	X	X	X	Χ	-	-	-	-	JAN-DEC
	Atlantic croaker		HIGHLY-	X	X	Х	X	X	Х	Χ	Χ	X	X	X	Х	-	-	JAN-JUN	JAN-DEC	JAN-DEC
			ABUNDANT																	
	Bay anchovy		ABUNDANT	Х	_	X	X	Х	Х	Χ	Х	X	X	X	Χ	MAR-NOV	MAR-NOV	MAR-NOV	FEB-DEC	JAN-DEC
	Black drum		COMMON	Х	_	X	Х	Х	Х	Х	Χ	Х	X	X	Х	-	-	-	JAN-DEC	JAN-DEC
	Gulf menhaden		ABUNDANT		X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	APR-OCT
	Hardhead		ABUNDANT	X	X	X	Х	Х	Х	Х	Х	Х	Х	X	Х	MAY-AUG	MAY-SEP	MAY-SEP	MAY-SEP	JAN-DEC
	catfish		COMMAGN	+		V	\ \ <b>V</b>	W	V	V	V	V	\ \ <u>\</u>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V				MAD NOV	MAN DEC
	Pinfish  Pod drum		COMMON	V	V	X	X	X	X	X	X		X	X	X	-	-	-	MAR-NOV	MAY-DEC
	Red drum		COMMON		X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Sand seatrout		RARE	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	-	-	-	DEC-JAN	JAN-DEC
	Southern flounder		ABUNDANT	X	X	X	X	X	Х	Х	Х	Х	Х	Х	X	-	-	-	JAN-DEC	JAN-DEC
	Spot		HIGHLY-	+	X	X	Х	Х	X	Х	Х	Х	X	X		_	_	_	FEB-NOV	APR-NOV
	υροι		ABUNDANT		^							^	^	^		_	_	_	ווים ז ווער עם ז	. u 1x-14∪V
	Spotted		COMMON	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	_	-	-	AUG-NOV	JAN-DEC
	seatrout																			
	Striped mullet		COMMON	Х	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	-	-	-	JAN-DEC	JAN-DEC
			RARE			Х	Х	Х	Χ	Χ	Χ	Χ	Х	Х		-	-	-	MAR-NOV	-
	Tarpon		COMMON						Х	Х	Х	Х				-	-	-	JUN-SEP	-
	Tarpon White mullet					Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х	MAY-SEP	MAY-SEP	MAY-SEP	SEP-SEP	JAN-DEC
	·		RARE	Х	X			Χ	v	V			_	Χ	Х	MAD ALIC	MAR-AUG			
	White mullet		RARE COMMON	X		X	X	_ ^	X	X	X	Х	Х		_	MAR-AUG		MAR-AUG	JAN-DEC	JAN-DEC
	White mullet Silver perch			Х	_		X	X	X	X	X	Χ	X	Х	Χ	MAR-AUG -	-	MAR-AUG -	JAN-DEC JAN-DEC	JAN-DEC JAN-DEC
	White mullet Silver perch Silversides		COMMON	Х	X	X	_					Χ		_	X					
	White mullet Silver perch Silversides Alligator gar		COMMON ABUNDANT	X	X X X	X	X	Χ	Χ	Χ	Χ	X	Х	Х					JAN-DEC	JAN-DEC
	White mullet Silver perch Silversides Alligator gar Blue catfish		COMMON ABUNDANT RARE	X X X	X X X	X X X	X	X	X	X	X	X X X	X	X	X	-	-	-	JAN-DEC JAN-DEC	JAN-DEC JAN-DEC
	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar		COMMON ABUNDANT RARE COMMON	X X X	X X X	X X X	X	X X X	X X X	X X X	X X X	X X X	X	X	X	- - APR-MAY	-	- - -	JAN-DEC JAN-DEC JAN-DEC	JAN-DEC JAN-DEC
	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic		COMMON ABUNDANT RARE COMMON	X X X	X X X	X X X	X	X X X	X X X	X X X	X X X	X X X	X	X	X	- - APR-MAY	-	- - -	JAN-DEC JAN-DEC JAN-DEC	JAN-DEC JAN-DEC
	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic spadefish		COMMON ABUNDANT RARE COMMON RARE	X X X	X X X	X X X	XXX	X X X	X X X	X X X	X X X	X X X	XXX	X X X	X	- - APR-MAY -	- - APR-MAY -	- - -	JAN-DEC JAN-DEC JAN-DEC MAY-AUG	JAN-DEC JAN-DEC JAN-DEC
0503	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic spadefish Bay whiff		COMMON ABUNDANT RARE COMMON RARE COMMON	X X X	X X X X	X X X	XXX	X X X	X X X X	X X X X	X X X X	X X X	XXX	X X X	X	- - APR-MAY - -	- - APR-MAY -	- - - -	JAN-DEC JAN-DEC JAN-DEC MAY-AUG APR-SEP	JAN-DEC JAN-DEC JAN-DEC - JAN-DEC
0503	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic spadefish Bay whiff Crevalle jack		COMMON ABUNDANT RARE COMMON RARE  COMMON COMMON ABUNDANT HIGHLY-	X X X X	X X X X	X X X X	X X X	X X X X	X X X X	X X X X	X X X X	X X X X	X X X	X X X	XXX	- APR-MAY - -	- - APR-MAY - -	- - - -	JAN-DEC JAN-DEC JAN-DEC MAY-AUG APR-SEP JUN-AUG	JAN-DEC JAN-DEC  JAN-DEC  -  JAN-DEC -
0503	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic spadefish Bay whiff Crevalle jack Gizzard shad Atlantic croaker		COMMON ABUNDANT RARE COMMON RARE COMMON COMMON ABUNDANT	X X X X	X X X X	X X X X	X X X X	X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X	X X X X	X X X X	X X X X	- - APR-MAY - - - -	APR-MAY DEC-APR	- - - - - - DEC-APR	JAN-DEC JAN-DEC JAN-DEC MAY-AUG APR-SEP JUN-AUG - DEC-APR	JAN-DEC  JAN-DEC  -  JAN-DEC  -  JAN-DEC  -  JAN-DEC  APR-NOV
0503	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic spadefish Bay whiff Crevalle jack Gizzard shad Atlantic croaker Bay anchovy		COMMON ABUNDANT RARE COMMON RARE  COMMON COMMON ABUNDANT HIGHLY-	X X X X	X X X X X	X X X X	X X X	X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X	X X X	X X X	X X X	- - APR-MAY - - -	- - APR-MAY - - - -	DEC-APR	JAN-DEC JAN-DEC JAN-DEC MAY-AUG APR-SEP JUN-AUG	JAN-DEC  JAN-DEC  JAN-DEC  -  JAN-DEC  -  JAN-DEC  APR-NOV  JAN-DEC
0503	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic spadefish Bay whiff Crevalle jack Gizzard shad Atlantic croaker		COMMON ABUNDANT RARE COMMON RARE  COMMON COMMON ABUNDANT HIGHLY- ABUNDANT	X X X X	X X X X X	X X X X	X X X X	X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X	X X X X	X X X X	X X X X	- - APR-MAY - - - -	APR-MAY DEC-APR	- - - - - - DEC-APR	JAN-DEC JAN-DEC JAN-DEC MAY-AUG APR-SEP JUN-AUG - DEC-APR	JAN-DEC  JAN-DEC  -  JAN-DEC  -  JAN-DEC  -  JAN-DEC  APR-NOV
0503	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic spadefish Bay whiff Crevalle jack Gizzard shad Atlantic croaker Bay anchovy		COMMON ABUNDANT RARE COMMON RARE  COMMON COMMON ABUNDANT HIGHLY- ABUNDANT COMMON	X	X X X X X X	X X X X X	X X X X	X X X X X	x x x x x x x	x x x x x x x	x x x x x x x	X X X X X X X X X	X X X X X	X X X X X	X X X X	- APR-MAY MAR-NOV	APR-MAY DEC-APR MAR-NOV	DEC-APR	JAN-DEC  JAN-DEC  JAN-DEC  MAY-AUG  APR-SEP  JUN-AUG  -  DEC-APR  JAN-DEC	JAN-DEC  JAN-DEC  JAN-DEC  -  JAN-DEC  -  JAN-DEC  APR-NOV  JAN-DEC
0503	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic spadefish Bay whiff Crevalle jack Gizzard shad Atlantic croaker  Bay anchovy Black drum Bull shark Gafftopsail		COMMON ABUNDANT RARE COMMON RARE  COMMON COMMON ABUNDANT HIGHLY- ABUNDANT COMMON COMMON COMMON	X	X X X X X X	X X X X X X X X X	X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X	X X X X X X X X	X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X	X X X X X X	X X X X X	- APR-MAY MAR-NOV	APR-MAY DEC-APR MAR-NOV -	DEC-APR MAR-NOV MAR-JUL	JAN-DEC JAN-DEC JAN-DEC MAY-AUG APR-SEP JUN-AUG - DEC-APR JAN-DEC AUG-JAN	JAN-DEC JAN-DEC  JAN-DEC  - JAN-DEC - JAN-DEC APR-NOV  JAN-DEC JAN-DEC JAN-DEC
0503	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic spadefish Bay whiff Crevalle jack Gizzard shad Atlantic croaker Bay anchovy Black drum Bull shark Gafftopsail catfish		COMMON ABUNDANT RARE COMMON RARE COMMON COMMON ABUNDANT HIGHLY- ABUNDANT COMMON COMMON COMMON ABUNDANT COMMON COMMON ABUNDANT	X X X X X X X X X	X X X X X X X	X X X X X X X X X X	X	X X X X X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X	X X X X X X	X X X X X X	- APR-MAY	APR-MAY DEC-APR MAR-NOV - MAY-AUG		JAN-DEC JAN-DEC JAN-DEC MAY-AUG  APR-SEP JUN-AUG  - DEC-APR  JAN-DEC AUG-JAN APR-NOV APR-OCT	JAN-DEC JAN-DEC  JAN-DEC  - JAN-DEC  APR-NOV  JAN-DEC
0503	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic spadefish Bay whiff Crevalle jack Gizzard shad Atlantic croaker  Bay anchovy Black drum Bull shark Gafftopsail catfish Gulf menhaden		COMMON ABUNDANT RARE COMMON RARE  COMMON COMMON ABUNDANT HIGHLY- ABUNDANT COMMON COMMON COMMON ABUNDANT ABUNDANT ABUNDANT ABUNDANT ABUNDANT	X	X X X X X X X	X X X X X X X X X X X	X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X	X X X X X X X X	X X X X X X	- APR-MAY	- APR-MAY		JAN-DEC JAN-DEC JAN-DEC MAY-AUG  APR-SEP JUN-AUG - DEC-APR  JAN-DEC AUG-JAN APR-NOV APR-OCT JAN-DEC	JAN-DEC JAN-DEC  JAN-DEC  - JAN-DEC - JAN-DEC APR-NOV  JAN-DEC JAN-DEC JAN-DEC APR-OCT  APR-DEC
0503	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic spadefish Bay whiff Crevalle jack Gizzard shad Atlantic croaker Bay anchovy Black drum Bull shark Gafftopsail catfish Gulf menhaden Hardhead		COMMON ABUNDANT RARE COMMON RARE COMMON COMMON ABUNDANT HIGHLY- ABUNDANT COMMON COMMON COMMON ABUNDANT COMMON COMMON ABUNDANT	X	X X X X X X X	X X X X X X X X X X	X	X X X X X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X	X X X X X X	X X X X X X	- APR-MAY	- APR-MAY		JAN-DEC JAN-DEC JAN-DEC MAY-AUG  APR-SEP JUN-AUG  - DEC-APR  JAN-DEC AUG-JAN APR-NOV APR-OCT	JAN-DEC JAN-DEC  JAN-DEC  - JAN-DEC  APR-NOV  JAN-DEC  APR-OCT
0503	White mullet Silver perch Silversides Alligator gar Blue catfish Spotted gar Atlantic spadefish Bay whiff Crevalle jack Gizzard shad Atlantic croaker  Bay anchovy Black drum Bull shark Gafftopsail catfish Gulf menhaden		COMMON ABUNDANT RARE COMMON RARE  COMMON COMMON ABUNDANT HIGHLY- ABUNDANT COMMON COMMON COMMON ABUNDANT ABUNDANT ABUNDANT ABUNDANT ABUNDANT	X	X X X X X X X	X X X X X X X X X X X	X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X	X	X X X X X X X X	X X X X X X	- APR-MAY	- APR-MAY		JAN-DEC JAN-DEC JAN-DEC MAY-AUG  APR-SEP JUN-AUG - DEC-APR  JAN-DEC AUG-JAN APR-NOV APR-OCT JAN-DEC	JAN-DEC JAN-DEC  JAN-DEC  - JAN-DEC  - JAN-DEC  APR-NOV  JAN-DEC  JAN-DEC  JAN-DEC  JAN-DEC  APR-OCT  APR-DEC

## Fish

JM N	AME	SF	ΤE	CONC	J_	F	М	Α	М	J_	J_	A	S	0	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
Sand	seatrout			COMMON	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	-	-	-	JAN-DEC	JAN-DEC
Shee	epshead			COMMON	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	-	-	-	DEC-FEB	JAN-DEC
	ıthern under			ABUNDANT										Х	Х		-	-	-	-	OCT-NOV
S	Spot			HIGHLY- ABUNDANT	Х	X	Х	Х	X	Х	X	Х	Х	Х	Х	Х	-	-	FEB-JUN	FEB-JUN	JAN-DEC
	otted atrout			COMMON	Х	Х	Х	Х	X	Х	Х	Х	Χ	Х	Х	X	FEB-OCT	FEB-OCT	-	-	JAN-DEC
Star	r drum			-	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	-	-	-	-	-
Stripe	ed mullet			COMMON	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	-	-	-	JAN-DEC	JAN-DEC
Ta	arpon			RARE			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ		-	-	-	MAR-NOV	-
White	e mullet			COMMON						Χ	Χ	Χ	Χ				-	-	-	JUN-SEP	-
Gulf	killifish			COMMON	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC
Silve	er perch			RARE	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAY-SEP	MAY-SEP	MAY-SEP	OCT-NOV	JAN-DEC
Silve	ersides			COMMON	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC
Alliga	ator gar			COMMON	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	-	-	-	JAN-DEC	JAN-DEC
Spot	ted gar			ABUNDANT	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	APR-MAY	APR-MAY	-	JAN-DEC	JAN-DEC
	antic idefish			RARE							Х	Х	Χ	Х			-	-	-	JUL-OCT	-
Bay	/ whiff			RARE	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	-	-	-	JUL-AUG	JAN-DEC
Spotfir	n mojarra			RARE								Χ	Χ				-	-	-	-	-
Atlanti	c bumper			RARE								Χ	Χ				-	-	-	-	AUG-SEP
Creva	alle jack			COMMON						Χ	Χ	Χ					-	-	-	JUN-AUG	-
	anish ckerel			COMMON									Χ	Χ			-	-	-	SEP-OCT	SEP-OCT

#### Invertebrate

ARNUM	NAME S	SFTE	CONC	J	F	М	Α	М	J	J	Α	S	0	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
0658	Atlantic rangia		HIGHLY- ABUNDANT	Χ	Х	Х	Χ	Х	Χ	Х	Х	Χ	Χ	Х	Х	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DEC
	Blue crab		ABUNDANT	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-NOV	-	MAR-NOV	JAN-DEC	JAN-DEC
	Brown shrimp		ABUNDANT			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	-	-	MAR-APR	MAR-DEC	-
	Grass shrimp		ABUNDANT	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	White shrimp		HIGHLY- ABUNDANT	Χ	Х	Х	X	Х	Χ	Х	Χ	Χ	Х	Х	Х	-	-	MAY-JUN	MAY-DEC	JAN-DE0
0674	Atlantic rangia		-	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DE0
	Blue crab		ABUNDANT	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	MAR-NOV	-	MAR-NOV	JAN-DEC	JAN-DE(
	Atlantic seabob shrimp		RARE								Χ	Χ	Χ	X		-	-	-	-	AUG-NO
	Brown shrimp		COMMON			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ		-	-	MAR-APR	MAY-NOV	-
	White shrimp		ABUNDANT	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	-	-	MAY-JUN	MAY-DEC	JAN-DE
0681	Brown shrimp		ABUNDANT		Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ			-	-	FEB-APR	-	MAR-OC
	White shrimp		ABUNDANT					Χ	Χ	Χ	Χ	Χ	Χ	Χ		-	-	MAY-NOV	-	-
0682	Atlantic rangia		ABUNDANT	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DE
	Blue crab		ABUNDANT	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-NOV	-	MAR-NOV	JAN-DEC	JAN-DE
	Brown shrimp		ABUNDANT			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	-	-	MAR-APR	APR-DEC	-
	Grass shrimp		COMMON	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DE
	White shrimp		HIGHLY- ABUNDANT	Χ	Х	Х	X	Х	Χ	Х	Χ	Χ	Χ	Х	X	-	-	MAY-JUN	APR-DEC	MAR-JA
0683	Atlantic rangia		ABUNDANT	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DE
	Eastern oyster		UNCONSOLIDA TED	Χ	Χ	Х	Х	Х	Χ	Х	Χ	Х	Χ	Х	Х	MAR-DEC	MAR-DEC	-	-	JAN-DE
	Blue crab		ABUNDANT	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-NOV	-	MAR-NOV	JAN-DEC	JAN-DE
	Brown shrimp		ABUNDANT			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	-	-	MAR-APR	APR-DEC	-
	Grass shrimp		COMMON	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DE
	White shrimp		HIGHLY- ABUNDANT	Χ	Х	Х	Х	Х	Х	Х	Χ	Х	Χ	Х	Χ	-	-	MAY-JUN	APR-DEC	MAR-JAI
0684	Atlantic rangia		ABUNDANT	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DE
	Eastern oyster		REEF	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-DEC	MAR-DEC	-	-	JAN-DE
	Blue crab		ABUNDANT	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-NOV	-	MAR-NOV	JAN-DEC	JAN-DE
	Brown shrimp		ABUNDANT			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	-	-	MAR-APR	APR-DEC	-
	Grass shrimp		COMMON	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DE
	White shrimp		HIGHLY- ABUNDANT	Χ	Χ	Х	Х	Χ	Χ	Χ	Χ	Х	Χ	Х	Х	-	-	MAY-JUN	APR-DEC	MAR-JA
0685	Atlantic rangia		HIGHLY- ABUNDANT	Χ	Χ	Х	Х	Χ	Χ	X	X	Χ	Χ	Х	Χ	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DE
	Eastern oyster		REEF	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-DEC	MAR-DEC	-	-	JAN-DE
	Blue crab		ABUNDANT	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	MAR-NOV	-	MAR-NOV	JAN-DEC	JAN-DE
	Brown shrimp		ABUNDANT			Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	-	-	MAR-APR	MAR-DEC	-
	Grass shrimp		ABUNDANT	Χ	Х	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DE
	White shrimp		HIGHLY- ABUNDANT	Χ	Χ	Х	Χ	Χ	Χ	Х	Χ	Χ	Χ	Х	Χ	-	-	MAY-JUN	MAY-DEC	JAN-DE

### Marine Mammal

RARNUM	NAME	SF	ΤE	CONC	J	F	М	А	М	J	J	А	S	Ο	Ν	D	Mating	Calving	Pupping	Molting
0739	West Indian manatee	S/F	E/E	VERY-RARE						Χ	X	Χ					-	-	-	-
0740	Bottlenose dolphin			-	Х	Х	Х	Х	Χ	Χ	X	Χ	Χ	Χ	X	Х	-	JAN-DEC	-	-
	West Indian manatee	S/F	E/E	VERY-RARE						Χ	Х	Χ					-	-	-	-

Reptile

RARI	MUV	NAME	SF	TE	CONC	J	F	М	А	М	J	J	Α	S	0	N	D	Nesting	Hatching	Internesting	Juveniles	Adults
07	61	Kemp's ridley	S/F	E/E	COMMON				Χ	Χ	Χ	Х	Χ	Х	Χ	Х		-	-	-	APR-NOV	-
		sea turtle																				

#### **Terrestrial Mammal**

RARNUM	NAME	SF	ΤE	CONC	J	F	М	А	М	J	J	А	S	0	N	D	Nesting
0797	Northern river otter			-	X	Χ	X	X	X	Χ	Χ	Х	Χ	Χ	Х	X	N/A
0801	Northern river otter			-	X	Χ	X	X	X	Χ	Χ	Х	Χ	Χ	Х	X	N/A
0802	Northern river otter			-	Χ	Χ	X	X	Х	Χ	X	Х	Χ	Χ	Х	X	N/A
0804	Northern river otter			-	Χ	Χ	Χ	X	Х	Χ	Χ	Х	Χ	Χ	Х	X	N/A

Human Use Resources				
Boat Ramp	RARNUM	NAME	CONTACT	CONTACT INFO
	2023	Miracle Beach		jeffersonnechestrin@miraclebeach
	2024	Pleasure Island		jeffersonnechestrin@pleasureisl
	2030	Public Ramp		
	2039	Walter Umphrey State Park		
	2040	Sabine Lake Causeway East		
	2041	Walter Humphrey		jeffersonnechestrin@humphrey
	2042	Junior's Landing		
Facility	RARNUM	NAME	CONTACT	CONTACT INFO
	1073	Sabine Gathering Facility (ST 30#1 and ST 30 #2-platforms)	Greg Schneider	337-560-6395
	1074	Pleasure Island Commission	Jimmy Dike	409-982-4675
	1075	U.S.C.G. Marine Safety Unit Port Arthur Texas	MKC Jameson Hannaman	(409) 723-6500
	1076	Port Of Pt Arthur Navigation District/JeffCo	Floyd Gaspard	(409) 983-2029
	1077	GT Logistics LLC Omni Terminal	Bart Owens	409-284-8982
	1078	Kansas City Southern Ry Co (Port Arthur)	Michael Sturges	1-877-527-9464
	1080	Gulf Copper Group South Yard and GT Facilities	Dennis Buffo	409-983-1691
	1081	Premcor Port Arthur Refinery	Michael L. Gouthier	409-985-1000
	1082	Chevron Global Lubricants	David Hammons	(409)985-6024
	1083	United Marine Enterprise, Inc.	Lorenzo Fitch	409-833-7070
	1084	TXI Operations, LP-Hwy 87 Plant	David Roe	409-338-8685
	1085	Chevron Phillips Chemical Marine Terminal	Kenneth Furby	409-985-3951
	1086	Oxbow Calcining	Michael Holtham	409-983-8421
	1087	Watco Companies (Port Arthur Oxbow Petcoke Terminal)	Brad Bowden	409-540-6560
	1088	Motiva Enterprises LLC (Port Arthur)	Greg Lucchesi	409-982-5711
	1089	Martin Energy Services Port Arthur Dock	Dwight Savoie	409-982-0950
	1090	KMTEX	David Spacek	409-985-4200
	1091	Pleasure Island Dock Facility	Lloyd Blanchette	409-988-2593
	1098	McFaddin Ranch Tank Battery	Robert Braswell	409-651-3848
	1104	K & B Marine Industry, LLC.	Khang Bui	409-985-9925
	1106	A & A Marine Services, Inc	Henry Nguyen	409-960-2638
	1107	Golden Pass LNG Terminal	Randy Chisam	409-659-2411
Water Intake	RARNUM	NAME	CONTACT	CONTACT INFO
	4032	JEFFERSON CO NAVIGATION DIST		
	4033	STAR ENTERPRISE		
	4034	RICE-CARDEN CORP		
	4035	CHEVRON U.S.A. INC		

1. Incident Nar	ne		2.	Operational	Period (Date/Time)			A	Assignment Lis	st ICS 204-OS
3. Branch				4. C	ivision/Group					
5. Operations F Operations Se Branch Directo Division/Group	ction Chief or									
	igned This Period					"X" Indicates 20	)4a attachemei	nt with spec	cial instruction	ns
	ce Identifier		Leader		Contact Info #	# of Pers			tes/Remarks	
							·			
7. Assignments										
7. Assignments										
SAFETY NOTE:	Consider recreational b	ooat traffic. Sabii	ne Lake can be rough and h	ave strong currents	s at times, especially near the H	wy 82 bridge (Causev	vay Bridge). Shallow	ı in some areas.		
8. Site Number:	9. Quad Name			10. NO	DAA Chart #	11. GLO A	itlas Page #	12. Coun	ty	
31-A	Port Arthur So	outh		1134	12		31	Jefferso	on	
	trance to Pleasure Is				all, with an opening of 100			14. Latitu N 29°51	ude From: 1'56.59"	To:
	ommission 409-982-4		u approximately 1.5 m	iles north of the	MLK Bridge on TB Ellisor	TPKWY. ECONOMI	IC CUITACIS.	15. Longi W 93°	itude From: 55'23"	To:
16. Closest Boat	Ramp					17. Distance	From Ramp	18. Boat	Туре	
Pleasure Island I	Marina					On site		Flat Bott	tom Boat	
19. Directions Fr								20. Close	est Airport	
East. Travel over	he Martin Luther King	g (MLK) Bridg	e to Pleasure Island. T	ake a Right at tl	to Hwy 73 West. Exit off one stop sign after the MLK	of Hwy 73 West o Bridge. Travel ap	nto Hwy 82 proximately 1½	Jefferson	n County	
miles on TB Elliso	n Pkwy and the Marir	na is on the Ri	ght-hand side of the ro	ad.				21. Close	est Helo Spot	
								Jefferson	n County	
22. Trustee/Conf				23. Resour	ces at Risk		24.Width of i	nlet 100 ft		
USCG:	(409) 723-6509	RRC:	(713)869-5001	Atlas Prior	rity		in ft.			
USCG DUTY:	(409) 719-1597	TPWD:	(409)892-8666	Environme	Habitat for birds, fis	h & crabs	25. Water de	pth in ft. 1	15 ft.	
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309				26. Current	Fast		
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	High recreational	traffic especial	27. No. of Per	rsonnel 2	<u>)</u>	
_	tegy Recommenda configured in an ex		ern as to prevent oil	from entering	Marina. Bring sufficien	t anchors and ro	ope to accompl	ish task.		
	Α	LERIAL PHOT	0				ON SITE PHO	iTO		

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 Na	me		2. 0	Operational Pe	eriod (Date/Time)			Assignment Lis	st ICS 204-OS
3. Branch				4. Div	ision/Group			l e e e e e e e e e e e e e e e e e e e	
5. Operations Operations S Branch Direct Division/Grou	ection Chief tor								
6. Resources As	signed This Period				")	K" Indicates 20	04a attachemen	t with special instruction	S
Resou	rce Identifier		Leader		Contact Info#	# of Pers	sons Reportin	ig Info/Notes/Remarks	
7. Assignments									
7. Assignments									
SAFETY NOTE	Canal from boat laund	th is shallow at tir	nes. Check depth. Recreatio	nal visitors are comm	on to this area.				
8. Site Number				10 NOA	A Chart #	11 00	itlas Page #	12 County	
31-B	Port Arthur S	South		11342	A CHart #	TT. GLO F	31	12. County  Jefferson County	
13. Site Informa				11012				14. Latitude From:	To:
Site 31-B is the I	ake Front Park boat la				Lake is shallow at times. (			N 29°51'35.67"	
	grounds are large eno on 409-982-4675.	ugh to support	a helicopter landing. I	his site would be	an excellent staging area.	Economic Co	ntacts: Pleasure	15. Longitude From:	To:
								W 93°55'48.31"	
16. Closest Boa	t Damn					17 Distance	From Ramp	18. Boat Type	
Lake Front Park	•					On site	Trom Kamp	Flat Bottom Boat	
10 Directions F	rom Local Sector							20 Classet Airport	
		oat launch tak	e Hwy 69/96 South to F	Hwy 73 West. Exit	off of Hwy 73 West onto	Hwy 82 East. T	ravel over the	20. Closest Airport Jefferson County	
MLK Bridge to P launch will be on	leasure Island. Take a	Right at the s	top sign after the bridge	e. Travel approx.	mile on TB Ellison Pkwy	and the Music	Park and boat		
iauricii wiii be on	the Right							21. Closest Helo Spot	
								Jefferson County	
22. Trustee/Cor				23. Resource			24.Width of in	llet 70 ft.	
USCG:	(409) 723-6509	RRC:	(713)869-5001	Atlas Priority			in ft.		
USCG DUTY:	(409) 719-1597	TPWD:	(409)892-8666	Environmen	Habitat for birds, fish	& crabs	25. Water dep		
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309	-			26. Current F		
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	Large volume of red	creational tra	27. No. of Pers	sonnel 2	
	rategy Recommend e configured in an e		eflection pattern as t	o prevent oil fro	m entering cuts				
200111 3110414 0	o sormgarou in dir o		esotion pattern as t	o provont on me	ontorning outs.				
			-						
_	/	AERIAL PHOT	U				ON SITE PHOT	O	





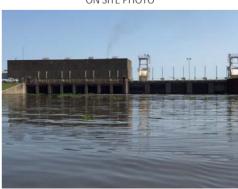
1. Incident Na	me		2. 0	perational Peric	od (Date/Time)			Assignment Lis	st ICS 204-OS
3. Branch				4. Divisio	on/Group				
5. Operations Operations S	Personnel Chief								
Branch Direct									
Division/Grou	up Supervisor	-							
6. Resources As	signed This Period				"X"	' Indicates 20	4a attachemer	nt with special instruction	S
Resou	rce Identifier		Leader	Co	ontact Info #	# of Pers	ons Reporti	ng Info/Notes/Remarks	
7. Assignments									
SAFETY NOTE	High volume of comm	ercial vessel traff	ic in the Sabine Neches Cana	II. High volume of vehicle	traffic on TB Ellison Parkway	1			
8. Site Number	: 9. Quad Name			10. NOAA C	hart #	11. GLO A	tlas Page #	12. County	
31-C	Port Arthur S	outh		11343			31	Jefferson County	
13. Site Informa								14. Latitude From:	To:
			Sabine-Neches Canal, uns under TB Ellison Pk					N 29°51'41.40"	
Sabine-Neches		asure Island n	narsh. This culvert can b					15. Longitude From:	To:
ECOHOITIC COINA	CIS. Pleasure Island C	JUIIIIIIISSIUIT 4C	19-902-4073.					W 93°56'05.07"	
16. Closest Boa	t Ramp					17. Distance	From Ramp	18. Boat Type	
West Port Arth	ur/ICWW Bridge					3.5 Miles		Flat Bottom Boat	
19. Directions F	rom Local Sector							20. Closest Airport	
To reach the We	st Port Arthur/ICWW E		y 69/96 South to Hwy 7					Jefferson County	
South. Continue	on Hwy 87 South until	r you reach the	e ICWW. The boat laund	in is located on the iv	orth side of the West Po	ort Arthur/ICVV	w Briage.	21. Closest Helo Spot	
								Jefferson County	
							I		
22. Trustee/Cor USCG:	ntact Numbers (409) 723-6509	RRC:	(713)869-5001	23. Resources a Atlas Priority	t Risk			nlet 40 inches	
USCG DUTY:				Atlas Priority	Habitat for birds, fish, a	and crahe	in ft.	pth in ft. 2 ft.	
TGLO:	(409) 719-1597 (800) 832-8224	TPWD:	(409)892-8666 (F13) 443, 0300	Environmental	Habitat for birds, fish, a	iriu crabs	26. Current		
TCEQ:	(409)781-9330	NRDA: USFWS:	(512) 463 -9309 (281) 286-8282	Economic	Commercial and Rec	reational Tr	27. No. of Per		
	rategy Recommend		(201) 200-0202	Economic	Commercial and Nec	TCational II	27.110.0110	2	
_			ern as to prevent oil f	rom enterina Culve	erts Bring sufficient ar	nchors and re	ope to accomp	lish task.	
	. J. 22 a.i e				g - <del></del>				
	,	AERIAL PHOT	0				ON SITE PHO	TO TO	





1. Incident Na	me.		2.(	Operational Pe	riod (Date/Time)			Assianment L	ist ICS 204-OS
				·					
3. Branch				4. Divi	sion/Group				
<ol><li>Operations Operations Se</li></ol>	Personnel ection Chief								
Branch Direct									
Division/Grou	up Supervisor								
6. Resources As	signed This Period				"Х	" Indicates 2	04a attachemen	t with special instructio	ins
Resou	rce Identifier		Leader		Contact Info #	# of Per	sons Reportir	ng Info/Notes/Remarks	3
7. Assignments									
7. Assignments									
SAFETY NOTE:	Shallow near bank, co	mmercial traffic a	area. reptiles.						
				40.101		14.000	5 "	10.0	
8. Site Number 31-D		outh		10. NOAA	A Chart #	11. GLO /	Atlas Page # 31	12. County	
13. Site Informa	Port Arthur S	Outri		11343			31	Jefferson County  14. Latitude From:	To:
		untv Drainage	Ditch # 7 located on Ea	ast bank of Tavlor I	Bayou approximately 3.5	miles North of	the ICWW. The	N 29°51'44.76"	10.
outfall is labeled	Pump House #16 and	known as Alli	gator Pump Station. Tra	avelling South on T	aylor Bayou from the Hw	y 73 Bridge, y	ou will have to	15. Longitude From:	То:
LLC 409-273-65		aitwater locks	. Contact the locks beto	re responding to a	spill in this area. Econon	nic Contacts:	G1 Logistics,	W 93°59'03.32"	10.
								W 93 39 03.32	
16. Closest Boar							From Ramp	18. Boat Type	
Taylor Bayou /	Hwy 73 Bridge					5 1/2 Mile	S	Flat Bottom Boat	
19. Directions F	rom Local Sector							20. Closest Airport	
			take Hwy 69/96 South boat launch is located u		ontinue on Hwy 73 West you/Hwy 73 Bridge.	until you reac	h Taylor Bayou.	Jefferson County	
								21. Closest Helo Spot	
								Jefferson County	
22. Trustee/Cor	ntact Numbers			23. Resources	at Risk		24.Width of in	plet 400 ft	
USCG:	(409) 723-6509	RRC:	(713)869-5001	Atlas Priority	Low		in ft.	100 II.	
USCG DUTY:	(409) 719-1597	TPWD:	(409)892-8666	Environmenta	Habitat for crab, shrim	p, pelican	25. Water dep	oth in ft. 12 ft.	
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309	Environmente	11		26. Current	Medium	
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	Commercial and Rec	creational	27. No. of Pers	sonnel 2	
-	rategy Recommend			1			1		
Boom should b	e configured in an e	xclusion patt	ern as to prevent oil t	from entering cu	ts. Bring sufficient anch	ors and rope	e to accomplish t	task.	
	-	AERIAL PHOT	0				ON SITE PHOT	ГО	





1. Incident Na	me		2. 0	Operational Peri	od (Date/Time)			Assignment Li	st ICS 204-OS
3. Branch			<u> </u>	4. Divisi	on/Group			I	
5. Operations Operations S Branch Direc	ection Chief								
Division/Grou	up Supervisor								
6. Resources As	signed This Period				""	K" Indicates 2	04a attachemer	nt with special instruction	ns
Resou	ırce Identifier		Leader	C	ontact Info #	# of Per	sons Reportir	ng Info/Notes/Remarks	
7. Assignments									
-									
SAFETY NOTE	<ul> <li>Swift currents are pre</li> </ul>	sent when the lo	cks are opened						
				10 NOAA	Chart //	11 010 /	Atlas Dags //	12 Carreti	
8. Site Number	Port Arthur S	Couth		10. NOAA 11343	Ulidi t #	TT. GLO F	Atlas Page # 31	12. County  Jefferson County	
13. Site Informa		outii		11343			J1	14. Latitude From:	To:
Site 31-E consis	ts of two saltwater bar		twater intrusion lock sys			es North of the	ICWW.	N 29°51'35.88"	10.
Jellerson Co. Na	avigation district opera	tes the locks.	Economic Contacts: G	1 Logistics, LLC 409	r-273-001Z.			15. Longitude From:	To:
								W 93°59'52.33"	
44.011.0						47 01 1	F D	40 D + T	
16. Closest Boa Taylor Bayou/F	·					17. Distance	From Ramp	18. Boat Type Flat Bottom Boat	
Taylor bayou/1	iwy 73 bridge					4.75		riat bottom boat	
	rom Local Sector							20. Closest Airport	
			69/96 South to Hwy 73 In is located under the Ta			each Taylor Ba	you. Exit to the	Jefferson County	
								21. Closest Helo Spot	
								Jefferson County	
22. Trustee/Cor	ntact Numbers			23. Resources a	at Risk		24.Width of ir	nlet 450 ft.	
USCG:	(409) 723-6509	RRC:	(713)869-5001	Atlas Priority	Low		in ft.		
USCG DUTY:	(409) 719-1597	TPWD:	(409)892-8666	Environmental	Habitat for crab, shrir	np	25. Water de	pth in ft. 12 ft.	
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309	Environmental			26. Current	Fast	
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	Commercial and Re	ecreational	27. No. of Per	rsonnel 4	
25. Booming St	rategy Recommend	ation							
Boom should b	e configured in an e	xclusion patt	ern as to prevent oil f	from entering cuts	. Bring sufficient and	hors and rope	to accomplish	task.	
		AERIAL PHOT					ON SITE PHO	TO	
							332.1110	· ·	





Assignment List ICS 204 OS (Geographic Response Plan) Project Updated:

1. Incident Na	me		2. 0	perational Period	d (Date/Time)			Assignment Lis	st ICS 204-OS
3. Branch				4. Division	n/Group				
5. Operations Operations S	Personnel								
Branch Direc									
Division/Grou	up Supervisor	-							
6. Resources As	signed This Period				"X	(" Indicates 20	4a attachemer	nt with special instruction	IS
Resou	rce Identifier		Leader	Cor	ntact Info#	# of Pers	ons Reporti	ng Info/Notes/Remarks	
7. Assignments									
SAFETY NOTE	Shallow near bank								
	·			10 NOAA 0		44 010 4		10.0	
8. Site Number	9. Quad Name Port Arthur S	outh		10. NOAA Ch 11343	nart #	III. GLO A	tlas Page # 31	12. County  Jefferson County	
13. Site Informa				11343			31	14. Latitude From:	To:
	0	n the East bar	ık of Taylor Bayou. This	inlet is approximately	1.75 miles from the IC	CWW. This inle	leads to a	N 29°50'27.38"	10.
shallow pond on	the East side of Taylo	r Bayou. There	e is no road access to the	nis site. Economic Cor	ntacts: Chevron Philli	ips 409-985-39	51.	15. Longitude From:	To:
								W 93°59'9.31"	10.
16. Closest Boa						17. Distance	From Ramp	18. Boat Type	
West Port Arth	ur/ICWW Bridge					3.5 Miles		Flat Bottom Boat	
	rom Local Sector							20. Closest Airport	
			y 69/96 South to Hwy 7 ICWW. The boat laund					Jefferson County	
		. ,						21. Closest Helo Spot	
								Jefferson County	
22. Trustee/Cor	ntact Numbers			23. Resources at	Risk		24 \4/idth of i	alat 2E ft	
USCG:	(409) 723-6509	RRC:	(713)869-5001	Atlas Priority			24.Width of i	met 35 it.	
USCG DUTY:	(409) 719-1597	TPWD:	(409)892-8666	Environmental	Habitat for birds, fish 8	& crabs	25. Water de	pth in ft. 4 ft.	
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309	Environmental			26. Current	Medium	
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic (	Commercial and Re	creational	27. No. of Per	rsonnel 2	
25. Booming St	rategy Recommend	ation							
Boom should b	e configured in an e	xclusion patt	ern as to prevent oil f	from entering cuts. E	Bring sufficient anch	nors and rope	to accomplish	task.	





Assignment List ICS 204 OS (Geographic Response Plan) Project Updated:

1. Incident Na	me		2.0	Operational Peri	od (Date/Time)			Assignment Li	st ICS 204-OS
3. Branch				4. Divisi	on/Group			l	
5. Operations Operations So Branch Direct Division/Grou	ection Chief tor								
6. Resources As	signed This Period				">	(" Indicates 2		t with special instruction	ns
Resou	rce Identifier		Leader	С	Contact Info #	# of Per	rsons Reporting	g Info/Notes/Remarks	
7. Assignments									
SAFETY NOTE:	Shallow near bank								
8. Site Number 31-G	9. Quad Name Port Arthur S	outh		10. NOAA 11343	Chart #	11. GLO <i>i</i>	Atlas Page #	12. County Jefferson County	
	ts of two inlets that are		e East and West banks ou Outfall Canal. The se					14. Latitude From: N 29°50'17"	То:
	on Phillips 409-985-39				,	,		15. Longitude From: W 93°59'13"	To:
16. Closest Boar West Port Arth	t Ramp ur/ICWW Bridge					17. Distance 3.25	e From Ramp	18. Boat Type Flat Bottom Boat	
To reach the We			yy 69/96 South to Hwy 7 e ICWW. The boat laund					20. Closest Airport Jefferson County	
	j	,					J	21. Closest Helo Spot Jefferson County	
22. Trustee/Cor USCG:	ntact Numbers (409) 723-6509	RRC:	(713)869-5001	23. Resources a	at Risk Medium		24.Width of in in ft.	let East Side 130'/West	side 270'
USCG DUTY: TGLO:	(409) 719-1597 (800) 832-8224	TPWD: NRDA:	(409)892-8666 (512) 463 -9309	Environmental	Habitat for birds, fish	& crabs	25. Water dep	th in ft. 13 ft. Medium	
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	Commercial and Re	creational	27. No. of Pers	sonnel 2	
_	rategy Recommend e configured in an e		ern as to prevent oil f	from entering cuts	. Bring sufficient and	hors and rop	e to accomplish ta	ask.	
	F	AERIAL PHOT	0				ON SITE PHOT	O	





Assignment List ICS 204 OS (Geographic Response Plan) Project Updated:

1. Incident Name		2. C	perational Peri	od (Date/Time)			Assignment Li	st ICS 204-OS
3. Branch			4. Divisi	on/Group			l l	
5. Operations Personnel Operations Section Chief Branch Director Division/Group Supervisor								
6. Resources Assigned This Period				")	(" Indicates 20	4a attachemer	nt with special instruction	ns
Resource Identifier		Leader	С	Contact Info #	# of Pers	ons Reportii	ng Info/Notes/Remarks	
7. Assignments								l
SAFETY NOTE: Shallow near bank, rept	iles							
8. Site Number: 9. Quad Name 31-H Port Arthur So	outh		10. NOAA 11343	Chart #	11. GLO A	tlas Page # 31	12. County Jefferson County	
13. Site Information: 31-H Site 31-H is the Taylor Bayou Outfall Cai inlets located at this site. The first inlet is very tip of the North bank of the Outfall C	the wide mout	n of the Canal. The se	econd two inlets con	iverge with the first to for			14. Latitude From: N 29°49'50.36"  15. Longitude From:	To:
1/ Classet David David					17 Distance		W 93°59'25.32"	
16. Closest Boat Ramp West Port Arthur/ICWW Bridge					17. Distance 2.5 Miles	ғтотп каттр	18. Boat Type Flat Bottom Boat	
19. Directions From Local Sector To reach the West Port Arthur/ICWW Bri South. Continue on Hwy 87 South until y							20. Closest Airport Jefferson County	
							21. Closest Helo Spot Jefferson County	
22. Trustee/Contact Numbers USCG: (409) 723-6509	RRC:	(713)869-5001	23. Resources a Atlas Priority	at Risk Medium		24. Width of in ft.	nlet 900 ft.	
USCG DUTY: (409) 719-1597 TGLO: (800) 832-8224		(409)892-8666 (512) 463 -9309	Environmental	Habitat for birds, fish	& crabs	25. Water dep 26. Current	pth in ft. 13 ft. Medium	
TCEQ: (409)781-9330		(281) 286-8282	Economic	Commercial and Re	ecreational	27. No. of Per	rsonnel 4	
25. Booming Strategy Recommenda Boom should be configured in an exc		n as to prevent oil f	rom entering cuts	. Bring sufficient anc	hors and rope	to accomplish	task.	
Al	ERIAL PHOTO					ON SITE PHO	TO	





1. Incident Na	me		2. 0	perational Peri	od (Date/Time)			Assignment L	ist ICS 204-OS
3. Branch				4. Divis	ion/Group				
5. Operations Operations Se Branch Direct Division/Grou	ection Chief or								
6. Resources As	signed This Period				п	X" Indicates 20	14a attachemer	nt with special instructio	ns
Resou	rce Identifier		Leader	(	Contact Info #	# of Pers	ons Reporti	ng Info/Notes/Remarks	
7. Assignments									
8. Site Number	9. Quad Name			10. NOAA	Chart #	11. GLO A	tlas Page #	12. County	
	entrance to Taylor Bay	ou Turning Ba	asin and Texaco Island. <sup>-</sup> n Valero Refinery and Te					Jefferson County  14. Latitude From: N 29°49'34"	То:
			in Valero Reilhery and Te i0. Motiva Enterprise, LL				KIWITEX, LTD	15. Longitude From: W 93°57'41"	То:
16. Closest Boat West Port Arth	: Ramp ur/ICWW Bridge					17. Distance 0.3 miles	From Ramp	18. Boat Type Flat Bottom Boat	
To reach the We			yy 69/96 South to Hwy 7: e ICWW. The boat launc					20. Closest Airport Jefferson County	
								21. Closest Helo Spot Jefferson County	
22. Trustee/Cor USCG:	tact Numbers (409) 723-6509	RRC:	(713)869-5001	23. Resources Atlas Priority	at Risk		24.Width of ii in ft.	nlet 800 ft.	
USCG DUTY: TGLO:	(409) 719-1597 (800) 832-8224	TPWD: NRDA:	(409)892-8666 (512) 463 -9309	Environmental	N/A		25. Water de 26. Current	pth in ft. 46 ft. Medium	
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	Commercial (Indus	strial Park)	27. No. of Per	rsonnel 4	
-	rategy Recommend e configured in an e		ern as to prevent oil f	rom entering cuts	s. Bring sufficient and	chors and rope	to accomplish	task.	
	A	AERIAL PHOT	0				ON SITE PHO	TO	
		<b>S</b>	1		400			Property of the Parket of	





1. Incident Na	me		2.0	Operational Peri	od (Date/Time)			Assignment Li	st ICS 204-05
3. Branch			I	4. Divisi	on/Group				
5. Operations Operations S Branch Direct Division/Grou	ection Chief tor			1					
6. Resources As	signed This Period				"Х	" Indicates 20	)4a attachemen	t with special instruction	ns
Resou	rce Identifier		Leader	С	ontact Info#	# of Pers	ons Reportir	ng Info/Notes/Remarks	
7. Assignments									
7. Assignments									
SAFETY NOTE	Commercial vessel tra	affic, Reptiles pre	sent.						
8. Site Number				10. NOAA (	Chart #	11 CLO A	tlas Page #	12. County	
31-J	Port Arthur S	South		11343	Criai t #	III. GLO A	31	Jefferson County	
13. Site Informa				1.10.10				14. Latitude From:	To:
			he East (South) bank of					N 29°49'17.27"	
			kimately .25 of a mile We . Both sites can be used			nis secona inie	t flows South for	15. Longitude From:	To:
								W 93°58'00.81"	
16. Closest Boa	t Ramp					17. Distance	From Ramp	18. Boat Type	
	ur/ICWW Bridge					On Site		Flat Bottom Boat	
10 Directions F	rom Local Sector							20. Closest Airport	
To reach the We	st Port Arthur/ICWW E		vy 69/96 South to Hwy 7					Jefferson County	
South. Continue	on Hwy 87 South unti	I you reach the	e ICWW. The boat laund	ch is located on the N	North side of the West P	ort Arthur/ICW	W Bridge.	21. Closest Helo Spot	
								Jefferson County	
								Jenerson county	
22. Trustee/Cor		DDC.	(712)040 E001	23. Resources a	at Risk			nlet East side 120'/West	side 120'
USCG: USCG DUTY:	(409) 723-6509	RRC:	(713)869-5001	Atlas Priority	A bird rookery is locate	ad across tha	in ft.	oth in ft 2 ft	
TGLO:	(409) 719-1597 (800) 832-8224	TPWD: NRDA:	(409)892-8666 (512) 463 -9309	Environmental	ICWW from this site, J	D Murphree	25. Water dep 26. Current		
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	Wildlife Refuge is to the Commerical and Recommerical		27. No. of Pers		
	rategy Recommend		(201) 200 0202	Economic	Commencer and Nec	Si cational	27.110.01101	3011161 4	
-			tern as to prevent oil f	from entering cuts	. Bring sufficient anch	nors and rope	to accomplish t	task.	
		AERIAL PHOT	ΓΟ				ON SITE PHOT	TO	
	,	ALKIML PHUI	0				ON SHE PHUI	O	





Assignment List ICS 204 OS (Geographic Response Plan) Project Updated:

1. Incident Na	me		2. 0	Operational Peri	od (Date/Time)			Assignment L	ist ICS 204-O
3. Branch				4. Divisi	on/Group				
5. Operations Operations So Branch Direct Division/Grou	ection Chief tor								
	signed This Period				"X	(" Indicates 20	04a attachemen	t with special instructio	ins
	rce Identifier		Leader	C	ontact Info #	# of Pers		ig Info/Notes/Remarks	
7. Assignments									
7. Assignments									
SAFETY NOTE:	Shallow near bank, Co	ommercial Traffic.							
8. Site Number				10. NOAA	Chart #	11 GLO A	Atlas Page #	12. County	
31-K	Port Arthur S	South		11343		11. 0207	31	Jefferson	
13. Site Informa	ation: 31-K							14. Latitude From:	То:
					eed into the canals surr feet from the ICWW to			N 29°49'05"	
	nich is just under 1 mile		. These fillets are locate	за аррголіпатоту то	icet from the foww to	just belove the	Taylor Bayou	15. Longitude From:	То:
								W 93°59'28"	
16. Closest Boar	t Ramp						From Ramp	18. Boat Type	I.
West Port Arth	ur/ICWW Bridge					1.5 miles		Flat Bottom Boat	
19. Directions F	rom Local Sector							20. Closest Airport	
To reach the We	st Port Arthur/ICWW E	Bridge you wou	uld take Hwy 69/96 Sou	th to Hwy 73 West. F	Exit onto Hwy 82 South on the North side of the	. Travel on Hw	y 82 South to	Jefferson County	
Bridge.	ontinue on they or ot	saur arui your	oden ine revvv. The bi	out laurion is located	on the result side of the	0 1103(1 01171	andi/10 vv vv	21. Closest Helo Spot	
								Jefferson County	
22. Trustee/Cor	ntact Numbers			23. Resources a	at Risk		24 Width of in	let from Icww heading r	north 150'
USCG:	(409) 723-6509	RRC:	(713)869-5001	Atlas Priority	Medium		in ft.	550', 250', 120', 300	
USCG DUTY:	(409) 719-1597	TPWD:	(409)892-8666	Environmental	A bird rookery located ICWW from site, JD M		25. Water dep	oth in ft. 3 ft.	
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309		Wildlife Refuge to We		26. Current	Medium	
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	Commercial and Re	creational	27. No. of Pers	sonnel 6	
	rategy Recommend		or deflection nettern	os to provent all f	rom entering outs				
DOULL SHOULD D	e coringurea in an e	DIJB HOIZUIJA	or deflection pattern	as to prevent out	rom entening cuts.				
	,	AERIAL PHOT	0				ON SITE PHOT	0	





Assignment List ICS 204 OS (Geographic Response Plan) Project Updated:

1. Incident Na	me		2. 0	Operational Peri	od (Date/Time)			Assignment L	ist ICS 204-OS
3. Branch				4. Divis	on/Group			I	
5. Operations Operations S Branch Direc Division/Grou	ection Chief								
	signed This Period				">	X" Indicates 2	04a attachemei	nt with special instructio	ns
Resou	rce Identifier		Leader	(	Contact Info #	# of Per	sons Reporti	ng Info/Notes/Remarks	
<u> </u>									
İ									
7. Assignments									ı
SAFETY NOTE	Shallow, reptiles in are	ea							
8. Site Number	: 9. Quad Name			10. NOAA	Chart #	11. GLO /	Atlas Page #	12. County	
31-L	Port Arthur S	outh		11343			31	Jefferson County	
	ad end inlet that feeds		phree Wildlife Manager	nent Area. This site	is located on the North	bank of the IC	WW and is	14. Latitude From: N 29°48'49"	To:
арргохіппацету 2	miles West of the Wes	SEPOLEARITUI/I	CWW Bridge.					15. Longitude From: W 93°59'39"	То:
16. Closest Boa	t Ramp					17. Distance	From Ramp	18. Boat Type	
West Port Arth	ur/ICWW Bridge					2 Miles		Flat Bottom Boat	
19. Directions F	rom Local Sector							20. Closest Airport	
To reach the We	st Port Arthur/ICWW E	Bridge take Hw	y 69/96 South to Hwy 7 e ICWW. The boat laund	73 West. Exit onto H	wy 82 South. Travel on	Hwy 82 South	to Hwy 87	Jefferson County	
Jouin. Commue	on riwy or South unit	r you reach the	e icww. The boat launt	on is located on the	NOTH SIDE OF THE WEST	I OIT AITHUI/ICV	www.bridge.	21. Closest Helo Spot	
								Jefferson County	
22. Trustee/Cor USCG:	ntact Numbers (409) 723-6509	RRC:	(713)869-5001	23. Resources	at Risk Medium		24.Width of i	nlet 150 ft.	
USCG DUTY:	(409) 723-0509	TPWD:	(409)892-8666	Atlas Priority	Habitat for fish, crab,	and shrimn	in ft.	pth in ft. 2 ft.	
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309	Environmental	riabitat for fish, crab,	ana siminp	26. Current		
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	Commercial and Re	ecreational	27. No. of Pe		
	rategy Recommend	ation							
Boom should b	e configured in an e	xclusion patt	ern as to prevent oil t	from entering cuts	s. Bring sufficient anc	hors and rope	e to accomplish	task.	
	/	AERIAL PHOT	0				ON SITE PHO	)TO	





Assignment List ICS 204 OS (Geographic Response Plan) Project Updated:

1. Incident Na	ime		2. 0	Operational Peri	od (Date/Time)			Assignment Li	st ICS 204-OS
3. Branch				4. Divisi	on/Group				
5. Operations Operations S Branch Direc Division/Grou	ection Chief								
6. Resources As	ssigned This Period				">	(" Indicates 20	)4a attachemer	nt with special instruction	ns
Resou	ırce Identifier		Leader	(	Contact Info #	# of Pers	sons Reporti	ng Info/Notes/Remarks	
7. Assignments									<u> </u>
SAFETY NOTE	Commercial vessel tra	affic							
8. Site Number				10. NOAA	Chart #	11. GLO A	tlas Page #	12. County	
31-M	Port Arthur S	South		11343			31	Jefferson County	
13. Site Informa		WMA which is	located on the West (S	outh) bank of the IC	WW This site is approx	kimately 1 mile	West of the	14. Latitude From: N 29°49'03.17"	To:
			s consist of intermediate			a.e.y i iiiie		15. Longitude From:	To:
								W 93°58'43.53"	10.
						T			
16. Closest Boa West Port Arth	t Ramp nur/ICWW Bridge					17. Distance 1 mile	From Ramp	18. Boat Type Flat Bottom Boat	
19. Directions F	rom Local Sector							20. Closest Airport	
To reach the We South. Continue	est Port Arthur/ICWW E on Hwy 87 South unti	Bridge take Hw I you reach the	yy 69/96 South to Hwy 7 e ICWW. The boat laund	'3 West. Exit onto Hi th is located on the I	wy 82 South. Travel on North side of the West F	Hwy 82 South Port Arthur/ICW	to Hwy 87 W Bridge.	Jefferson County	
								21. Closest Helo Spot	
								Jefferson County	
22. Trustee/Cor				23. Resources			24.Width of i	nlet 230 ft.	
USCG:	(409) 723-6509	RRC:	(713)869-5001	Atlas Priority	Medium		in ft.		
USCG DUTY:	(409) 719-1597	TPWD:	(409)892-8666	Environmental	J.D. Murphree Wildlife the West & East	e Refuge is to		pth in ft. 13 ft.	
TGLO: TCEQ:	(800) 832-8224 (409)781-9330	NRDA: USFWS:	(512) 463 -9309 (281) 286-8282	Economic	Commercial and Re	creational	26. Current 27. No. of Per		
	rategy Recommend		(201) 200 0202	Economic	Commercial and ite	Creational	27.100.01101	2	
_			ern as to prevent oil f	from entering cuts	s. Bring sufficient ancl	hors and rope	to accomplish	task.	
		AERIAL PHOT					ON SITE PHO	TO	
				_					





1. Incident Name	Incident Name 2. Operational Period (Date/Time)										
3. Branch		4. Division/Group									
5. Operations Personne Operations Section Chief Branch Director Division/Group Supervise	· 		4. DIVISI	on/Group							
6. Resources Assigned This	Period			"X	" Indicates 20	4a attacheme	nt with special instruction	ns			
Resource Identifi	er	Leader		Contact Info #		ons Reporti	ing Info/Notes/Remarks				
7. Assignments											
SAFETY NOTE: High volun	ne of vehicle traffic on Hwy 8	7. Very Strong currents in a	rea, commercial deep di	aft vessels.							
8. Site Number: 9. Qua	d Name		10. NOAA	10. NOAA Chart # 11. GLO A			12. County				
31-N Port	Arthur South	11343	11343 31			Jefferson					
13. Site Information: 31-N Site 31-N consists of a wide of West side. This site is located	ove with a culvert that r						14. Latitude From: N 29°48'38"	То:			
access from Hwy 87 makes the collection point							15. Longitude From: W 93°57'31"	То:			
16. Closest Boat Ramp					17. Distance	From Ramp	18. Boat Type				
West Port Arthur/ICWW B	ridge				1 Mile		Flat Bottom Boat				
19. Directions From Local S							20. Closest Airport				
To reach the West Port Arthu Hwy 87 South. Continue on F							Jefferson County				
Bridge.							21. Closest Helo Spot				
							Jefferson County				
22. Trustee/Contact Numb		/712\0/0 F001	23. Resources a			24.Width of	inlet 150 ft.				
USCG: (409) 723		(713)869-5001	Atlas Priority	Medium		in ft.					
USCG DUTY: (409) 719		(409)892-8666	Environmental	Habitat for birds, fish 8	& crabs		epth in ft. 2 ft.				
TGLO: (800) 832		(512) 463 -9309				26. Current					
TCEQ: (409)781-		(281) 286-8282	Economic	Commercial and Re	creational	27. No. of Pe	ersonnel 4				
25. Booming Strategy Reco Boom should be configure		·	so as to prevent c	il from entering cuts.	Bring sufficie	nt anchors and					









1. Incident Name 2. Operat						od (Date/Time)			Assignment Li	ist ICS 204-OS	
3. Branch				4.	4. Division/Group						
5. Operations Operations Someone Branch Direct Division/Grou	ection Chief or										
6. Resources As	signed This Period					"X	" Indicates 20	14a attachemer	nt with special instruction	ns	
Resou	Contact Info # # of Person			ons Reportir	ng Info/Notes/Remarks						
7. Assignments										l	
SAFETY NOTE	Very Strong corrects i	n area, commerc	ial deep draft vessels .								
8. Site Number					NOAA Chart # 11. GLO Atla:			tlas Page #	las Page # 12. County		
31-0	1-0 Port Arthur South				11343 31			=	Jefferson County		
	lvert that runs underne		and is located approximed itch that runs parallel						14. Latitude From: N 29°47'36.83"	То:	
	ne marsh near Round		untun that runs paraller	rto riwy 67. Du	aring exti	reme nigh lides the wa	ter nowing time	ugii tiiis cuiveit	15. Longitude From: W 93°57'07.29"	То:	
16. Closest Boa	t Ramp						17. Distance	From Ramp	18. Boat Type		
West Port Arth	ur/ICWW Bridge					2.25 Miles			Flat Bottom Boat		
	rom Local Sector st Port Arthur/ICWW E	Bridge you wo	uld take Hwy 69/96 So	outh to Hwy 73	West. Ex	xit onto Hwy 82 South	Travel on Hwy	82 South to	20. Closest Airport Jefferson County		
Hwy 87 South. C Bridge.	ontinue on Hwy 87 So	outh until you r	reach the ICWW. The	boat launch is l	located o	on the North side of the	e West Port Art	hur/ICWW			
S.rago.									21. Closest Helo Spot Jefferson County		
22. Trustee/Cor	ntact Numbers			23. Resou	urces at	t Risk		24.Width of ir	nlet 50 ft.		
USCG:	(409) 723-6509	RRC:	(713)869-5001	Atlas Pric	ority	Low		in ft.			
USCG DUTY:	(409) 719-1597	TPWD:	(409)892-8666	Environm	nental	Habitat for birds, fish a	& crabs	25. Water dep	oth in ft. 2 ft.		
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309		Simontal		26. Current		Medium		
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	С	Commercial		27. No. of Per	sonnel 2		
· ·	rategy Recommend										
Boom should b	e configured in an e	exclusion pati	tern as to prevent oi	il from enterin	ng cuts.	Bring sufficient anch	nors and rope	to accomplish	task.		
		AERIAL PHOT	 [0					ON SITE PHO	ТО		





1. Incident Nam	ne		2. (	Operational Peri	od (Date/Time)	Assignment List ICS	Assignment List ICS 204-OS			
3. Branch				4. Divisi	on/Group			<u> </u>		
5. Operations P Operations Sec Branch Directo Division/Group	tion Chief _ r _									
6. Resources Assi	gned This Period				"X	(" Indicates 20	4a attachemer	nt with special instructions		
Resourc	e Identifier		Leader	Contact Info # # d			ns Reporti	ng Info/Notes/Remarks		
7. Assignments										
SAFETY NOTE: 8. Site Number:	9. Quad Name		dal changes. Vehicle traffic o	10. NOAA	ed and deep draft vessel in the	he ship channel.	· ·	12. County		
31-P Port Arthur South  13. Site Information: 31-P  Site 31-P is Keith Lake Cut. This site is located 3.75 miles South of the West Port Arthur/ICWW Bridge on Hwy 87. This cut leads into Keith Lake, which is a highly sensitive brackish marsh habitat for various species of flora and fauna. There are many inlets and bayous extending from this one									То:	
	e. It is imperative that					,		15. Longitude From: W 93°56'30"	To:	
16. Closest Boat F West Port Arthur						17. Distance 3.75 Miles	From Ramp	18. Boat Type Flat Bottom Boat	= :	
	Port Arthur/ICWW Bri				wy 82 South. Travel on North side of the West F			20. Closest Airport Jefferson County		
								21. Closest Helo Spot Jefferson County		
22. Trustee/Conta	act Numbers			23. Resources a	at Risk		24.Width of i	1 660 ft		
USCG:	(409) 723-6509	RRC:	(713)869-5001	Atlas Priority	High		in ft.	net ooon.		
	(409) 719-1597 (800) 832-8224	TPWD: NRDA:	(409)892-8666 (512) 463 -9309	Environmental	Salt/brackish water ma for fish, shrimp, crab, waterfowl & birds.		25. Water de <sub>l</sub> 26. Current	oth in ft. 20 ft. Fast		
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	Recreational		27. No. of Per	rsonnel >6		
Boom should be		lusion patt	ern as to prevent oil t t least 6 stakes Tow b		. Bring sufficient anch	nors and rope	to accomplish	task. Recommended Equipm	nent:	
	AE	RIAL PHOT	0				ON SITE PHO	ТО		



29. Prepared By:

30. Reviewed by (PSC) 31. Reviewed by (OSC):

Assignment List ICS 204 OS (Geographic Response Plan) Project Updated:

1. Incident Name 2. Operational Period (Date/Time)								Assignment Lis	t ICS 204-OS
3. Branch				4. Divi	sion/Group			<u> </u>	
5. Operations Operations So Branch Direct Division/Grou	ection Chief or								
6. Resources As	signed This Period				"X	" Indicates 2	04a attachemen	t with special instruction	S
Resou	Resource Identifier Leader				Contact Info#	sons Reportin	ng Info/Notes/Remarks		
7. Assignments									
CAFETY NOTE	High volume of comm	ercial vessel traf	fic in the Port Arthur Canal/S	hin Channel High volu	ıme of vehicle traffic on Hwy 8.	2			
SAFETY NOTE:	-	ici ciai vessei trai	The in the Fort / it that Garlai/ 5					10.0	
8. Site Number	9. Quad Name Port Arthur S	South		10. NOA.	10. NOAA Chart # 11. GLO Atlas Pag 31			12. County  Jefferson County	
13. Site Informa				11012				14. Latitude From:	To:
					5 miles South of the MLK e seen on either side of H			N 29°46'41"	
					Ship Channel from Keith		ivert ieeus a	15. Longitude From:	To:
								W 93°56'23"	
16. Closest Boar	Ramp					17. Distance	From Ramp	18. Boat Type	
West Port Arth	ur/ICWW Bridge						Small, medium		
	rom Local Sector							20. Closest Airport	
					Hwy 82 South. Travel on North side of the West F			Jefferson County	
	,	,					5	21. Closest Helo Spot	
								Jefferson County	
22. Trustee/Cor	ntact Numbers			23. Resource:	s at Risk		24.Width of in	ılet 36 inches	
USCG:	(409) 723-6509	RRC:	(713)869-5001	Atlas Priority			in ft.		
USCG DUTY:	(409) 719-1597	TPWD:	(409)892-8666	Environment	Habitat for birds, fish,			oth in ft. 2 ft.	
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309	Faanamia				Medium	
TCEQ:	(409)781-9330 rategy Recommend	USFWS:	(281) 286-8282	Economic	Commerical and rec	леанопаг	27. No. of Pers	SOTTIEL 2	
_			tern as to prevent oil t	from entering cu	ts. Bring sufficient anch	nors and rope	to accomplish t	ask.	
		AERIAL PHOT	0				ON SITE PHOT	0	





Assignment List ICS 204 OS (Geographic Response Plan) Project Updated:

1. Incident Nar	ne		2. 0	) perational Peri	od (Date/Time)			Assignm	ent List ICS 204-C	
3. Branch										
Branch     Operations F     Operations Se     Branch Director     Division/Group	ction Chief or			4. DIVISI	on/Group					
6. Resources Ass	igned This Period				"X	" Indicates 20	04a attacheme	nt with special instr	ructions	
Resource Identifier Lea			Leader	C	Contact Info #	# of Pers	sons Report	ing Info/Notes/Rer	narks	
7. Assignments  SAFETY NOTE:	High volume of traffic	on Hwy 87								
8. Site Number: 31-R	9. Quad Name Port Arthur S	outh		10. NOAA 11342	Chart #	11. GLO <i>A</i>	12. County  Jefferson Cou	2. County Jefferson County		
	e immediately North		ied commercial site on t					14. Latitude Fro N 29°46'17.64"	m: To:	
			uld also be used as a sta			5	'	15. Longitude Fr W 93°56'12.44"	om: To:	
16. Closest Boat West Port Arthu									18. Boat Type Flat Bottom Boat	
	t Port Arthur/ICWW E		y 69/96 South to Hwy 7 ICWW. The boat launc					20. Closest Airpo Jefferson Count	У	
								21. Closest Helo Jefferson Count		
22. Trustee/Cont USCG:	act Numbers (409) 723-6509	RRC:	(713)869-5001	23. Resources a Atlas Priority	at Risk Low	in ft.  Abitat for waterfowl, fish, shrimp,  25. Water depth in f		inlet 950 ft.		
USCG DUTY: TGLO:	(409) 719-1597 (800) 832-8224	TPWD: NRDA:	(409)892-8666 (512) 463 -9309	Environmental	Habitat for waterfowl, crab and oyster			'		
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	Commercial and Re	creational	27. No. of Pe	rsonnel 2		
_		xclusion patt	ern as to prevent oil f	rom entering cuts	. Bring sufficient anch	nors and rope				
		AERIAI PHOT	$\cap$				ON SITE PHO	)TO		









29. Prepared By: Assignment List 30. Reviewed by (PSC) 31. Reviewed by (OSC):

ICS 204 OS (Geographic Response Plan) Project Updated:

1. Incident Nar	me		2 (	nerational Pori	od (Date/Time)			Assignment Li	st ICS 204-OS	
	TIC		2. (					, issignment El	31 100 204-00	
3. Branch				4. Divis	ion/Group					
5. Operations Operations Se Branch Direct Division/Grou	ection Chief or									
6. Resources Ass	signed This Period					'X" Indicates 204a	attachemen	t with special instruction	ns	
Resour	ce Identifier		Leader	(	ng Info/Notes/Remarks					
7. Assignments										
SAFETY NOTE:	Consider traffic on the	e highway. Sabine	e Lake can be rough and have	e strong currents at time	es, especially near the Hwy	82 bridge (Causeway B	ridge). Shallow in	some areas		
8. Site Number	9. Quad Name			10. NOAA	Chart #	11. GLO Atla	is Page #	12. County		
31-S	Port Arthur S	South		11343	11343 31			Jefferson County		
	er Humphrey State Pa		is operated by the Texa					14. Latitude From: N 29°45'53.42"	To:	
Pleasure Island.	The Park is large eno	ugh to serve a	s a staging area. During	summer months th	ere is a high volume o	of recreational traffic		15. Longitude From:	To:	
								W 93°53'52.18"		
16. Closest Boat	Ramp					17. Distance Fr	om Ramp	18. Boat Type		
Walter Humphr	ey State Park					On site	Flat Bottom Boat	at Bottom Boat		
19. Directions Fr	rom Local Sector							20. Closest Airport		
over the MLK Brid	dge to Pléasure Island	d. Take a Left	96 South to Hwy 73 We at the stop sign after the	e bridge. Travel app	roximately 7 miles on I			Jefferson County		
Humphrey State	Park and Boat Launcl	h will be on the	e Right hand side before	e the Causeway Brid	lge.			21. Closest Helo Spot		
								Jefferson County		
22. Trustee/Con	tact Numbers			23. Resources	at Risk	2	4.Width of in	Jet N/A		
USCG:	(409) 723-6509	RRC:	(713)869-5001	Atlas Priority			4. Widti 101 iii 1 ft.	net wa		
USCG DUTY:	(409) 719-1597	TPWD:	(409)892-8666	Environmental	N/A	2	5. Water dep	oth in ft. 10 ft.		
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309	Environmenta		2	6. Current F			
TCEQ:	(409)781-9330	USFWS:	(281) 286-8282	Economic	Recreational	2	7. No. of Pers	sonnel 2		
_	ategy Recommend			I						
Boom should be	e configured in an e	xclusion patt	ern as to prevent oil	from entering cuts	s. Bring sufficient an	chors and rope to	accomplish t	ask.		
		ΛΕDIΛΙ DH∩T	· O				ONI SITE DHOT	-n		







29. Prepared By: Assignment List 30. Reviewed by (PSC) 31. Reviewed by (OSC): ICS 204 OS (Geographic Response Plan) Project Updated: