

### Commission on Marine Resources

March 19, 2019









ENHANCE ★ PROTECT ★ CONSERVE



# Employment, Contracts and Procurement Updates March 19, 2019

### **Employment Updates**

• 03.18.19 - Jennifer Stout – Coastal Resources Management - Administrative Assistant (Special Projects Officer III)

## Contracts and Procurements for February 2019

Comments Continues					
Commodity Contracts					
<u>Vendor</u> <u>Procur</u>	rement Method A	<u>Amount</u>	<u>Term</u>	Funding Source	Commodity/Service Description
				Tidelands and Port Security	Two (2) 10 meter aluminum hulls for the Office of
Metal Craft Marine US, Inc Revers	rse Auction \$	408,000.00		· ·	Marine Patrol
		,			
Bureau of Buildings					
<u> </u>					
Vendor Procur	rement Method A	Amount	Torm	Funding Source	Commodity/Service Description
Necaise Brothers	irement Method P	Amount	<u>Term</u>		Infrastructure Maintenance and Upgrades on the
	tion for Bids \$	4,362,315.18	03.18.2019 - 03.17.2020		MS Sand Beach for Executive Office
Construction Co, inc	LIOITIOI BIUS	4,302,313.16	03.18.2019 - 03.17.2020	100% GOIVIESA	IVIS Salid Beach for Executive Office
Currently Advertised					
<u>Procurements</u>					
Office Requesting Procur	rement Method E	Estimated Amount	Description	Board Approval	Funding Source
			(2) Resource Management	Board approval not	
Coastal Zone Management Reques	est for Applications \$		` '		100% Tidelands
	,	, , , ,		Board approval not	
Marine Patrol Reques	est for Applications \$	5,167.20	Marine Patrol Intern	• •	100% Tidelands
ividinie i deloi	est for Applications 7	3,107.20		·	200/0 ((defailed)
Crand Day NEDD	ost for Applications C	E 167.20		Board approval not	100% Tidelands
Grand Bay NERR Reques	est for Applications \$	5,167.20			100% (10010105
	. 6 . 11 . 1			Board approval not	4004 <b>-</b> 11   1
Grand Bay NERR Reques	est for Applications \$	5,167.20	Outreach Intern	required	100% Tidelands

Currently Advertised Procurements						
Office Requesting	Procurement Method	Estimated Am	<u>nount</u>	Commodity/Service Description	Board Approval	Funding Source
Lyman Hatchery	Request for Applications	\$	5,167.20	Aquaculture Intern	Board approval not required	100% Tidelands
Public Affairs	Request for Applications	\$	5,167.20	Communications Intern	Board approval not required	100% Tidelands
Oyster Aquaculture	Request for Applications	\$	5,167.20	Oyster Aquaculture Intern	Board approval not required	100% Tidelands
Information Technology	Request for Applications	\$	5,167.20	Software Development Intern	Board approval not required	100% Tidelands
Ŭ,			·	·		
Information Technology	Request for Applications	\$	5,167.20	Geographic Information Systems (GIS) Intern	Board approval not required	100% Tidelands
, , , , , , , , , , , , , , , , , , ,	The state of the s	·	-, -			
Marine Fisheries	Request for Applications	\$	5,167.20	(2) Marine Fisheries Interns	Board approval not required	100% Tidelands
Widi iiie Tisiieries	request for Applications	7	3,107.20	Architect/Engineer for	board approval not required	10070 Hacianas
				development of a Certification		
Executive Office	Request for Qualifications	\$ 54	4,400.00	program in alternative bulkhead design	Board approval not required	100% Tidelands
				Botanist to aid in the	.,	
				development of a certification program in alternative		
Executive Office	Request for Qualifications	\$ 13	3,600.00	bulkhead design	Board approval not required	100% Tidelands

### **ENHANCE** ★ **PROTECT** ★ **CONSERVE**

Currently Advertised Procurements					
Office Requesting	Procurement Method	Estimated Amount	Commodity/Service Description	Board Approval	Funding Source
Marine Fisheries - Shellfish	Reverse Auction		Furnish and Deploy Approved Cultch Material	PPRB	100% Bonnet Carre
Marine Fisheries - Shellfish	Reverse Auction	\$ 400,000.00	Furnish and Deploy Oyster Shell	ОРТЕМ	100% Bonnet Carre

### **ENHANCE** ★ **PROTECT** ★ **CONSERVE**



# Mississippi Department of Marine Resources

Coastal Resources Management March 2019

### Request for Permit by: City of Ocean Springs File: DMR-100319

- Location: Front Beach, Biloxi Bay, Ocean Springs, Jackson County, MS.
- Use District: (G) General Use District
- Agent: Allen Engineering
- Project Purpose/Need: Living Shoreline
  - Reduce beach erosion
  - Create marsh and oyster habitat along outfall structure
  - Improve water quality around outfall location
  - Mitigate upstream flooding

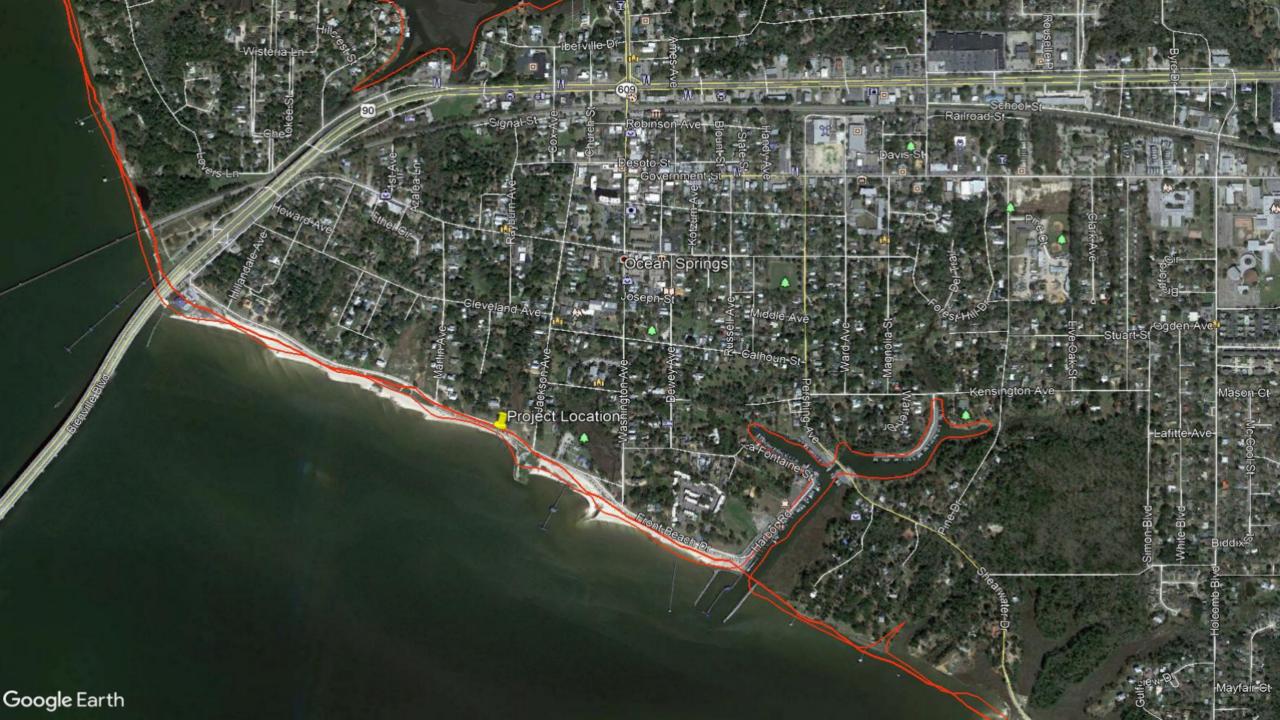
### **Project Description**

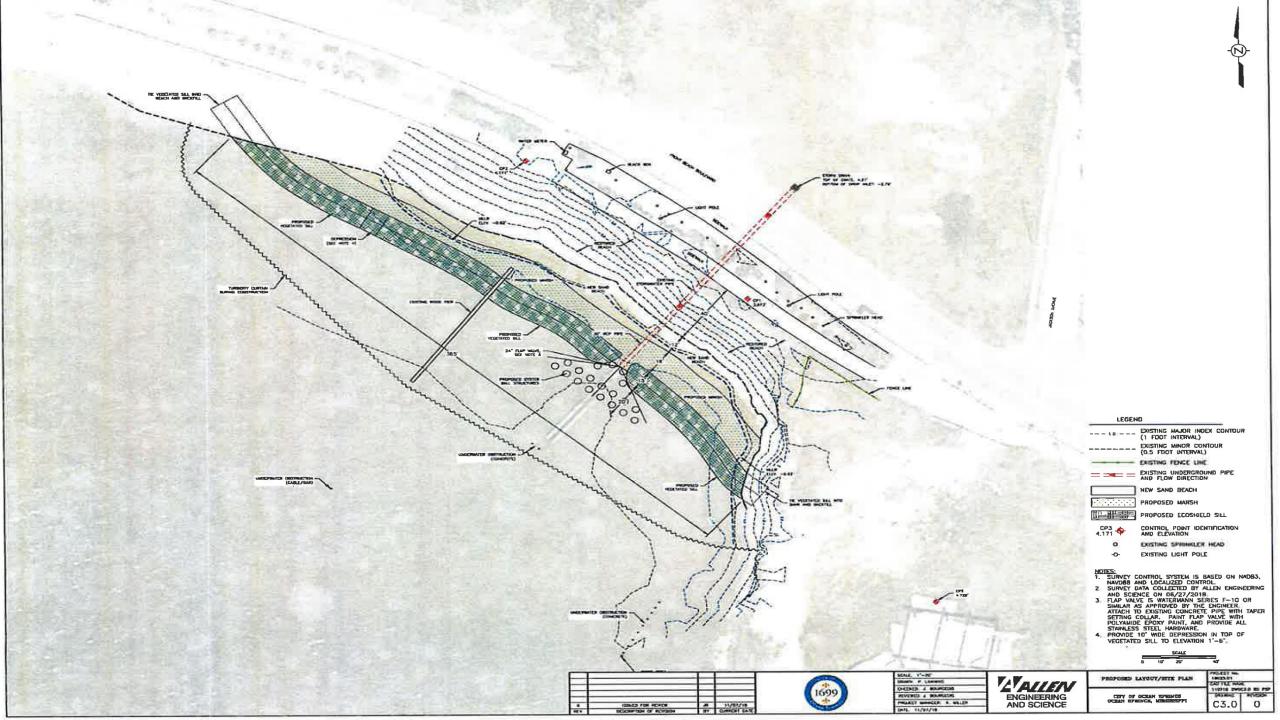
- Fill: Unvegetated waterbottoms
  - 0.4 acres for beach renourishment and marsh creation (1,920 cubic yards of fill material)
- Reef/oyster balls: Deployment of approximately 20 reef/oyster balls around existing outfall structure
- Variance from MCP to the Guidelines for Regulated Activities
  - Ch. VIII, Sect. 2, Part III.O.1.
    - "Permanent filling of coastal wetlands because of potential adverse and cumulative environmental impacts is discouraged."

### **Project Description**

continued

- Variance request justified under Ch. VIII, Sect. 2, Part I.E.2.c.i.
  - "The impacts on coastal wetlands would be no worse than if the guidelines were followed."
    - Replacement of sand to areas that were previously beach
    - Replacement of unvegetated waterbottoms with productive tidal marsh





### **Public and Agency Notification**

- Notification of this project appeared in *The Sun Herald* on February 10, 17, and 24, 2019.
  - No public comments were received
- MS DEQ: Currently reviewing the project
- MS DAH: No objections
- MS DWFP: BMPs be properly implemented, monitored, and maintained
- MS SOS: No comment

### Recommendation

- The staff of the Department of Marine Resources has conducted a thorough evaluation of the project and has made findings on the decision factors in accordance with Chapter VIII, Section 2, Part I.E.2. of the Mississippi Coastal Program (MCP). These findings have been provided to the Commissioners. Based on the results of these findings, it has been determined that the project is consistent with the MCP because it:
  - Restores the sand beach in this location to allow for greater public access
  - Creates marsh habitat which is expected to reduce erosive forces and increase aquatic productivity
- Staff recommends approval of the variance request and the Permit contingent on water quality certification from MDEQ

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### Mississippi Department of Marine Resources

Agency Financial Results

as of February 28, 2019

Commission on Marine Resources March 19, 2019

#### MISSISSIPPI DEPARTMENT OF MARINE RESOURCES

Income Statement - Fiscal Year 2019 As of February 28, 2019

### **Key Metrics:**

- •State Revenue of \$4.7M
- -Waiting on Appropriations of \$1M from Treasury
- Agency Revenue of \$19.5M
- •State Net Income of (\$104K)
- •Agency Net Income of \$4.1M

	As of February 25, 2017				
	G	Federal:	Operating	T. 1 1	T ( ID) (D
	State	NFWF:	Subtotal	Tidelands	Total DMR
Revenue:					
Transfer in from Other Governments	-	37,837	37,837	10,000,000	10,037,837
Off-road Fuel Tax	3,050,000	-	3,050,000	-	3,050,000
Federal/NonFederal Grants	3,200	4,178,451	4,181,651	-	4,181,651
Sales Revenue	569,119	693	569,812	1,902	571,714
Indirect Cost Recovery	608,379	-	608,379	-	608,379
Other Revenue	483,406	342,065	825,471	278,451	1,103,922
Current Budget Year Revenue:	4,714,104	4,559,045	9,273,149	10,280,353	19,553,502
Expenditures:					
Salaries, Wages, Fringe	3,544,941	1,503,204	5,048,145	687,070	5,735,215
Travel	17,475	29,721	47,196	19,996	67,192
Contractual Services	534,405	1,016,655	1,551,060	521,800	2,072,860
Commodities	206,081	1,390,533	1,596,614	111,878	1,708,492
Other than Equipment	-	-	-	-	-
Equipment	308,047	193,311	501,358	14,949	516,307
Vehicles	-	65,578	65,578	-	65,578
Wireless Devices	351	433	785	274	1,058
Subsidies, Loans, and Grants	207,252	1,521,289	1,728,542	3,491,571	5,220,112
Current Budget Year Expenditures:	4,818,552	5,720,725	10,539,276	4,847,538	15,386,815
Current Budget Year Net Income/(Loss):	\$ (104,448)	\$ (1,161,679)	\$ (1,266,127)	\$ 5,432,815	\$ 4,166,687

March 19, 2019

### Financial Budget Comparison

After eight months of Fiscal Year 2019:

#### MISSISSIPPI DEPARTMENT OF MARINE RESOURCES

2019 Budget Comparison As of February 28, 2019

	Actual Year to Date Expenditures			
	Operating	Tidelands	Total	
Expenditures:				
Salaries, Wages, Fringe	\$ 5,048,145	\$ 687,070	\$ 5,735,215	
Travel	47,196	19,996	67,192	
Contractual Services	1,551,060	521,800	2,072,860	
Commodities	1,596,614	111,878	1,708,492	
Equipment	501,358	14,949	516,307	
Vehicles	65,578	-	65,578	
Wireless Devices	785	274	1,058	
Subsidies, Loans, and Grants	1,728,542	3,491,571	5,220,112	
Total Expenditures:	\$ 10,539,276	\$4,847,538	\$ 15,386,815	

Budget Year Totals					
Operating	Tidelands	Total			
\$ 10,897,765	\$ 1,012,526	\$11,910,291			
325,487	30,000	355,487			
9,601,848	1,627,590	11,229,438			
3,355,674	450,000	3,805,674			
1,109,408	225,000	1,334,408			
170,000	_	170,000			
6,250	500	6,750			
13,456,150	6,654,384	20,110,534			
\$38,992,667	\$ 10,000,000	\$48,992,667			

Percent Remaining					
Operating Tidelands		Total			
53.7%	32.1%	51.8%			
85.5%	33.3%	81.1%			
83.8%	67.9%	81.5%			
52.4%	75.1%	55.1%			
54.8%	93.4%	61.3%			
61.4%	0.0%	0.0%			
87.4%	0.0%	84.3%			
87.2%	47.5%	74.0%			
73.0%	51.5%	68.6%			

- Operating Funds have 73% of Budget remaining
- Tidelands Trust Fund has 51.5% of Budget remaining

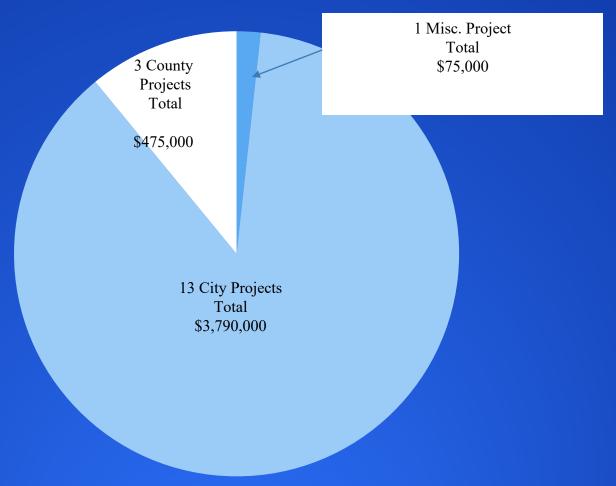


# FY2019 Tidelands Award Overview



### FY2019 Tidelands Public Access Projects

### **Distribution of Funded**



- Misc. Projects
- City Projects
- County Projects

Total Number of Public Access Projects funded in FY18 by HB1606: (17) at \$4,340,000



### 2019 Miscellaneous Public Access Projects

Maritime & Seafood Industry Museum

\$ 75,000



### FY2019 Tidelands Management Projects Funded Distribution of Funded Projects

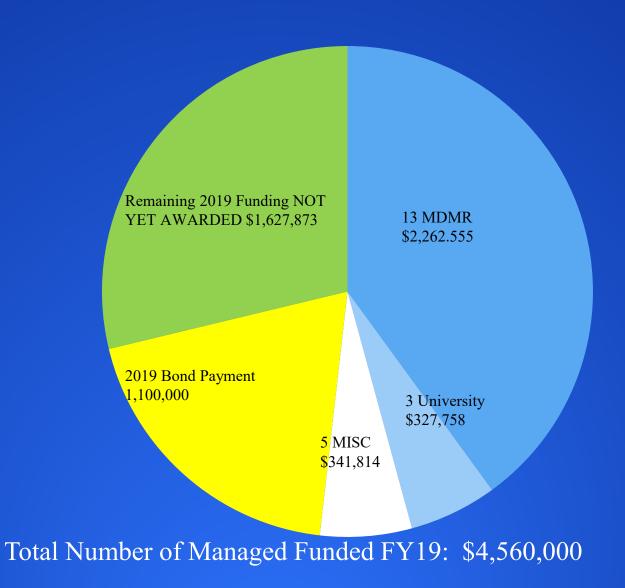
■ MDMR

■ MISC

■ University

■ Bond Payment

■ Not Yet Funded





### 2019 Miscellaneous Managed Projects

•	YMO	CA

- Lynn Meadows
- City of Biloxi
- Jackson County
- Hancock County

\$ 50,000

\$ 91,020

\$ 25,000

\$ 93,500

\$ 82,294



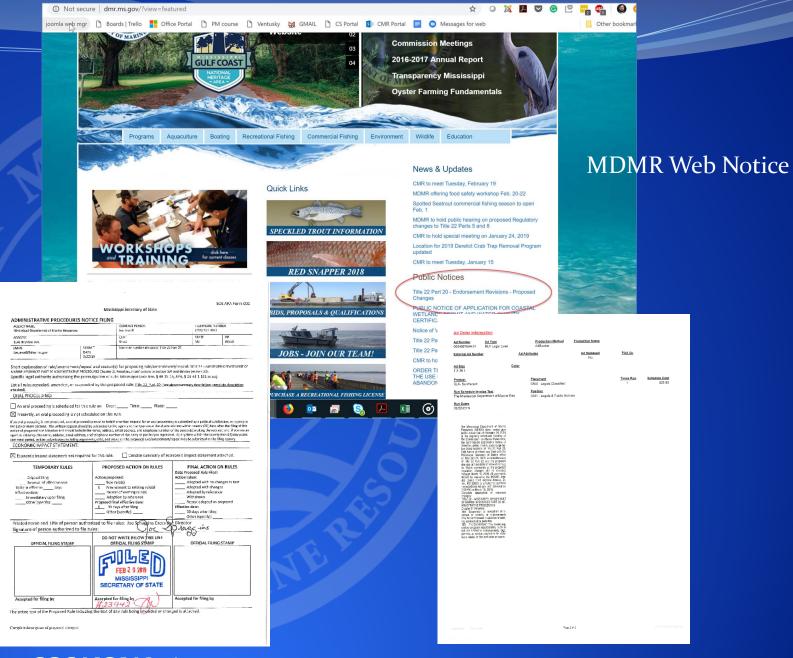
## Final Adoption of Title 22 Part 20

Joe Jewell March 19, 2019 CMR Passed Notice of Intent on February 19, 2019

Notice of Intent Filed with the SOS on February 20, 2019

February 20, 2019 MDMR Web Page Notice

Legal Notice Appeared in the Sun Herald on February 22, 2019.



**SOS NOI Notice** 

Sun Herald Notice

### Public Comments on Title 22 Part 20

Public Comment Period: February 21 – March 18, 2019 (26 days) To date no public comments have been received.

### Title 22 Part 20 Chapter 21 (Penalties)

#### Chapter 21 Penalties

Suspension or revocation of licenses <u>or</u> permits<del>, or endorsements</del> may be commenced in addition to seeking administrative penalties.

The Commission may revoke regulatory program requirements, such as but not limited to endorsements, tags, permits, or similar provisions for violations related to that particular program.

### **ENHANCE** ★ **PROTECT** ★ **CONSERVE**

### Required:

A motion to proceed with Final Adoption for regulatory changes to Title 22 Part 20 Chapter 21 regarding the removal of the endorsement language Section 104 and the deletion of Section 105.



### NOI Title 22 Part 7 Federal Compliance Regulations for Spanish Mackerel, Hogfish, and Swordfish

Trevor Moncrief March 19, 2019

### Background

- In the February 2019 CMR meeting the following motion was made regarding state and federal compliance:
  - Motion: For the staff to prepare a Notice of Intent to bring back at March meeting to bring state commercial and recreational limits into compliance with federal regulations for Spanish Mackerel, Hogfish, and Swordfish.
- This presentation will outline specific changes to ensure compliance in these select fisheries.

### **ENHANCE** ★ **PROTECT** ★ **CONSERVE**

### Title 22 Part 7 Chapter 8

### Chapter 8 Recreational Bag, Possession and Size Limits

102

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102.14 Spanish Mackerel (Scomberomorus maculatus) – twelve (12) inches (fork length).
102.14 102.15 King Mackerel (Scomberomorus cavalla) – twenty-four (24) inches (fork length).
102.15 102.16 flounders (Paraliethys sp.) – twelve (12) inches (total length).
102.16 102.17 small coastal sharks – twenty-five (25) inches total length.
102.17 102.18 large coastal sharks – thirty-seven (37) inches total length.
102.18 102.19 Lesser Amberjack and Banded Rudderfish – may possess fish between fourteen (14) inches (fork length) to twenty-two (22) inches fork length.
102.19 102.20 Bigeye Tuna (Thunnus obesus) – twenty-seven (27) inches as measured from the tip of the upper jaw to the fork of the tail along the contour of the middle
              of the body (curved fork length).
102.20 102.21 Yellowfin Tuna (Thunnus albacares) – twenty-seven (27) inches as measured from the tip of the upper jaw to the fork of the tail along the contour of the
              middle of the body (curved fork length).
102.21 102.22 Blue Marlin (Makaira nigricans) – ninety-nine (99) inches as measured from the tip of the lower jaw to the fork of the tail (lower jaw fork length).
102.22 102.23 White Marlin (Tetrapturus albidus) – sixty-six (66) inches as measured from the tip of the lower jaw to the fork of the tail (lower jaw fork length).
102.23 102.24 Sailfish (Istiophorus platypterus) – sixty-three (63) inches as measured from the tip of the lower jaw to the fork of the tail (lower jaw fork length).
102.24 102.25 Hogfish (Lachnolaimus maximus) – twelve (12) fourteen (14) inches (fork length)
102.25 102.26 Tripletail (Lobotes surinamensis) eighteen (18) inches total length
102.26 102.27 Sheepshead (Archosargus probatocephalus) fourteen (14) inches total length
102.27 102.28 Swordfish (Xiphias gladius) – forty-seven (47) inches as measured from the tip of the lower jaw to the fork of the tail (lower jaw fork length).
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### Title 22 Part 7 Chapter 9

**Chapter 09 Commercial Size, Possession and Catch Limits** 

100

100.06 Spanish Mackerel (Scomberomorus maculatus) – fourteen (14) twelve (12) inches (fork length).

100.23 Hogfish (*Lachnolaimus maximus*) – twelve (12) fourteen (14) inches (fork length).

### **ENHANCE** ★ **PROTECT** ★ **CONSERVE**

### Required:

A motion to proceed with a Notice of Intent for regulatory changes to Title 22 Part 7 Chapters 8 and 9 regarding changes to Spanish Mackerel, Hogfish, and Swordfish size limits for federal compliance.



# Pascagoula Oyster Relay Assessment Update

Charlie Robertson March 19, 2019

### Background

- DURING the December 2018 CMR meeting, the following motion was made regarding the Pascagoula Oyster Relay:
  - Motion: For the staff to come back within 90 days with potential funding options and plans for a cultch plant on Pascagoula reefs and for staff to do an assessment of the survival of the relayed oysters.

### **Mortality Estimates**

- Only count recent dead
- Smaller size class had most mortality
- Less mortality in larger size classes
- Temperature and handling technique influenced survival

<b>Oyster Size Class</b>	% Recent Mortality	
1-9mm	N/A	
10-24mm	47.19%	
25-49mm	22.36%	
50-74mm	17.43%	
≥75	17.11%	
TOTAL	21.01%	





# Tarpon Recommendations Title 22 Part 7

Trevor Moncrief March 19, 2018

#### Background

- In the February 2019 CMR meeting, the following motion was made regarding Tarpon:
  - **Motion**: For the staff to come back with some recommendations, possibly some potential regulations at the March meeting.
- This presentation will provide potential regulation options for the CMR's consideration.

### Mississippi's Tarpon Fishery

- Juveniles inhabit marsh creeks/canals along the coast
  - Potential for angler misidentification of individuals
- Adults have been rarely caught/reported in the last decade, though studies have shown a migratory pattern south of the barrier islands.
- With more information becoming public about Tarpon, there is a potential increase in fishing pressure for the species.

State	Size Limit	Bag Limit	Season
Mississippi	None	None	Year-round
Florida*	No take	Tag required for take	Year-round
Alabama**	60 inches	Tag required for take	Year-round
Louisiana	None	None	Year-round
Texas	85 inches	One per person	Year-round
Federal Waters	None	None	Year-round

<sup>\*</sup>Any Tarpon caught over 40" in length must remain in the water at all times. One tag per person per year for individuals in pursuit of an IGFA record.

<sup>\*\*</sup> Tag cost is \$61 per tag

#### Management Options

- Size limit 75 inches fork length
  - Calculated using information from previous state record
- Bag limit One per vessel per day
- Catch Requirements
  - Any tarpon over 40 inches that is not intended to be harvested must remain in the water at all times
- Tag Requirements Any tag or license requiring payment must be approved through MS Legislature
- Any other options considered by the Commission

#### Title 22 Part 7 Chapter 8

Chapter 8 Recreational Bag, Possession and Size Limits

100

100.21 It shall be unlawful for recreational fishermen to possess more than one (1) Atlantic Tarpon (Megalops atlanticus) per vessel per day.

102

102.28 Atlantic Tarpon (Megalops atlanticus) – seventy-five (75) inches fork length.

105 It shall be unlawful for any fisherman to remove an Atlantic Tarpon (*Megalops atlanticus*) over the length of forty (40) inches from the water unless the intent is to harvest within the limits defined in Sections 100 and 102 of this chapter.

### Required:

A motion to proceed with a Notice of Intent for regulatory changes to Title 22 Part 7 Chapter 8 regarding the size limit, bag limit, and catch requirements for Atlantic Tarpon.



# Recommendations for the Viability of a Species-Specific State Commercial Shark Fishery

Matt Hill March 19, 2019

#### Background

- The following motion was made in the January CMR meeting regarding Shark compliance:
  - Motion: For staff to look at the viability of establishing a species-specific commercial state shark fishery.
- This presentation will describe the Mississippi shark fishery, findings from current monitoring, and potential options for a state commercial shark fishery.

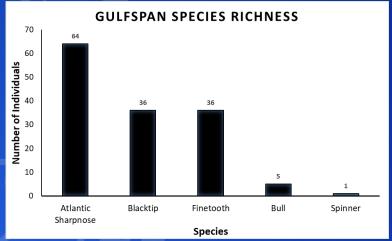
### Mississippi's Shark Fishery

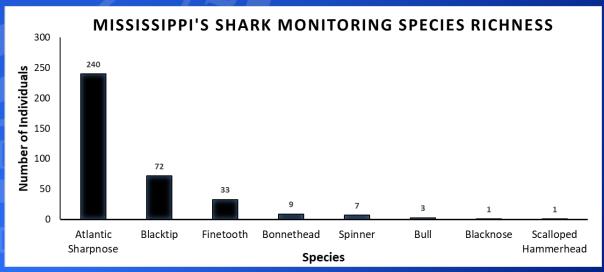
- Multi-species fishery divided into management groups
  - Small coastals
    - Atlantic Sharpnose, Finetooth, Bonnethead, Blacknose
  - Large coastals
    - Blacktip, Spinner, Bull, Lemon, Nurse, Silky, Tiger
- Commercial Harvest
  - No state season on record since 2010

#### Sharks Most Commonly Found Within Mississippi Sound

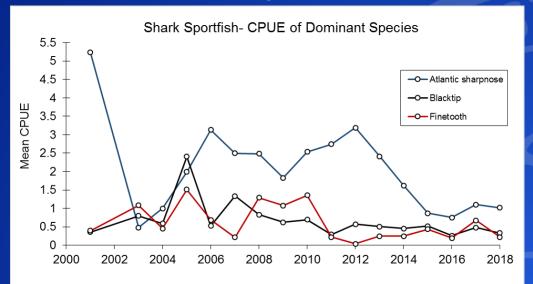
- Juveniles found in MS Sound
  - Atlantic Sharpnose
  - Blacktip
  - Spinner
  - Bull
  - Bonnethead
  - Finetooth
  - Blacknose
  - Scalloped Hammerhead

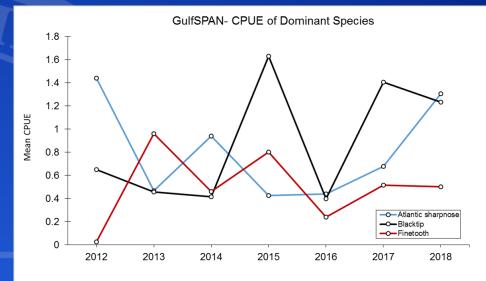
Fishery Independent Species Composition 2018

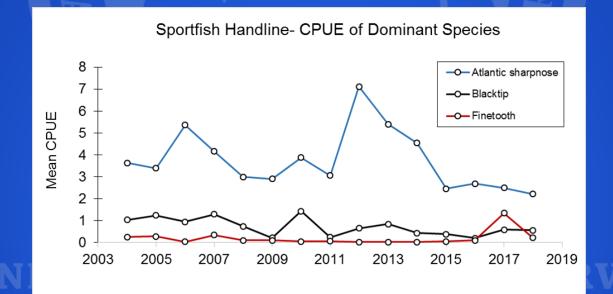




#### Catch per Unit Effort (CPUE) Trends





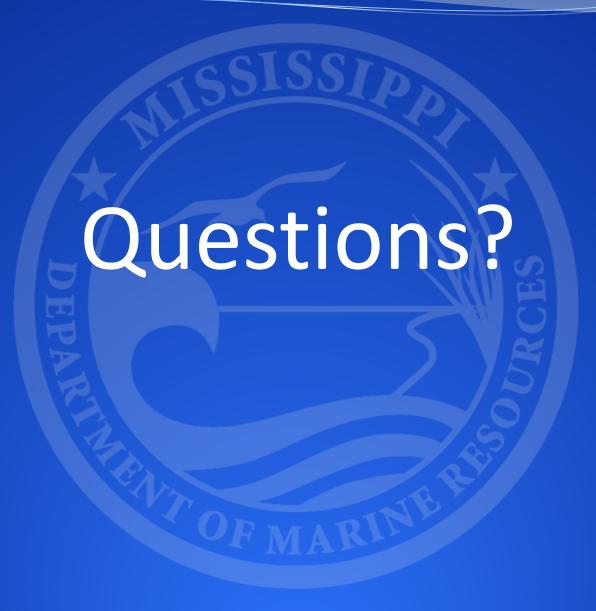


#### Federal Commercial Shark Regulations

- Directed Shark Permit from HMS
  - Allows fishermen to target non-smoothhound sharks
  - Limited Access
    - Persons wishing to enter this fishery may only obtain these permits by transferring the permit from a
      permit holder who is leaving the fishery.
- Incidental Shark Permit
  - Allows fishermen who fish for other species to retain a certain number of non-smoothhound sharks
  - Limited Access
    - Persons wishing to enter this fishery may only obtain these permits by transferring the permit from a permit holder who is leaving the fishery.
- Trip Limits
  - 45 large coastal sharks (other than Sandbar) per vessel per trip

#### Commercial Shark Management Options

- Status Quo Allow harvest in federal waters from federal permit holders
- State Season Allow harvest in state and federal waters from federal permit holders
- State Season with Shark Endorsement (attached to harvester's license) Similar to Louisiana, introduce a state shark endorsement which allows individuals to harvest sharks within state waters during the federal/state season for sharks
  - Additional Considerations
    - Same length as federal season, same bag limit (45 LCS per vessel per day)
    - Size and bag limits same as recreational fishery
    - Include small coastal sharks as well
    - Only certain species
    - Any other options considered by the Commission





# State Saltwater Finfish Record

Jonathan Barr March 19, 2019

### Conventional Tackle

## State Saltwater Fishing Record & State & State

Youth Saltwater Fishing Record

Sand Perch
Diplectrum formosum

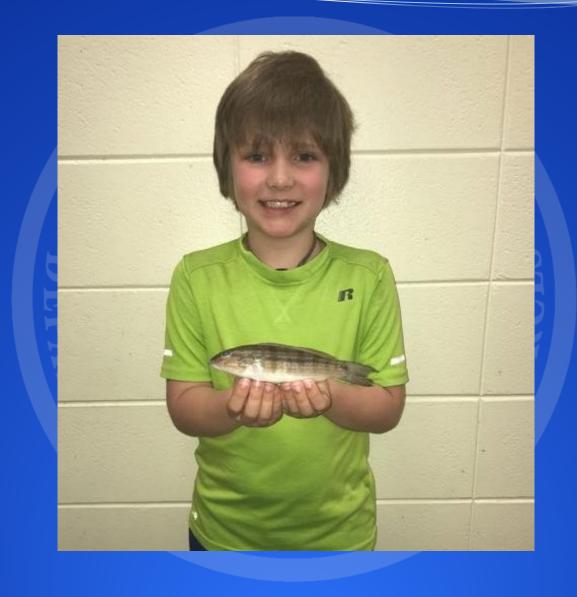
New Record: 2.40 oz.

Angler: Julien Barr

CSISSIN



MAN





Motion to Adopt New State Records.