

Tab A, No. 8



**FISH RULES**  
COMMERCIAL APP

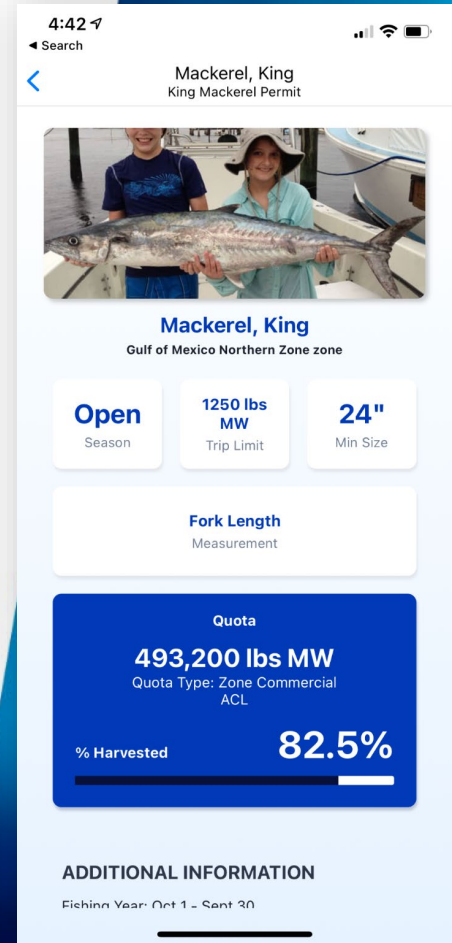
# Why Fish Rules for Commercial Anglers?

Sustainable fisheries are dependent upon sound and effectively implemented regulations.

- structure is tailored to the needs of commercial anglers
  - Near real-time quota monitoring
  - Plain language permit conditions
- Near real-time regulation updates

Fish Rules proven success and expertise in communicating recreational regulations is carried over to the commercial app. Here are some stats from the recreational app:

- 565,000 users
- 5,000,000 regulation views on the app overall (Jan-Jun 2021)
- Top 4 Species Regulation Views (Jan-Jun 2021):
  - Gag Grouper: 114k
  - Greater Amberjack: 107k
  - Red Drum: 104k
  - Black Grouper: 98k
  - Red Snapper 91k



# The Team and Process

## GMFMC

- Emily Muehlstein
- Carly Somerset

## SAFMC

- Cameron Rhodes

## Fish Rules

- Albrey Arrington
- Rick Blalock

## Development Dates

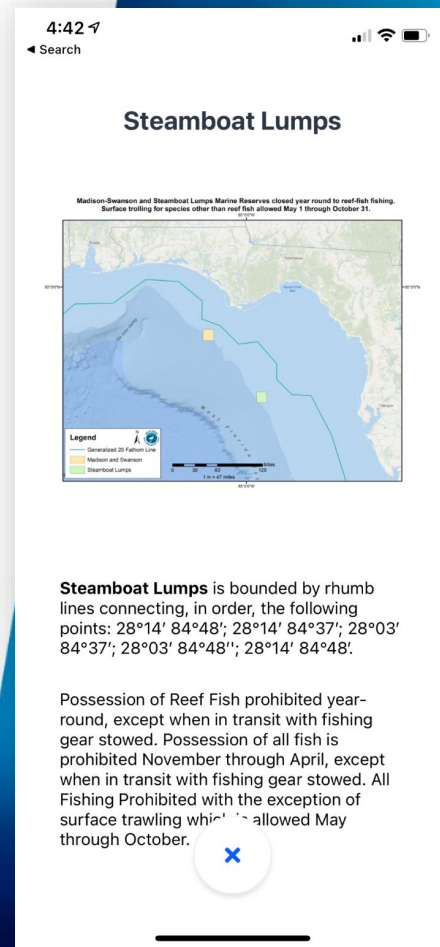
- Contracted: December 2019
- Work initiated: Summer 2020
- Beta Tested May 2021
- Launch: May 2021

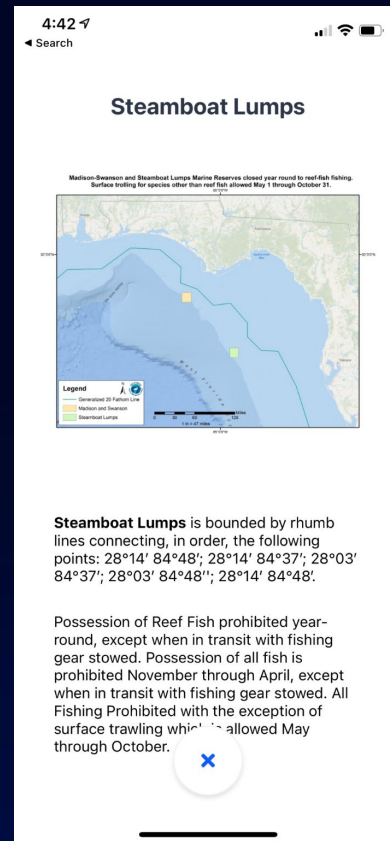
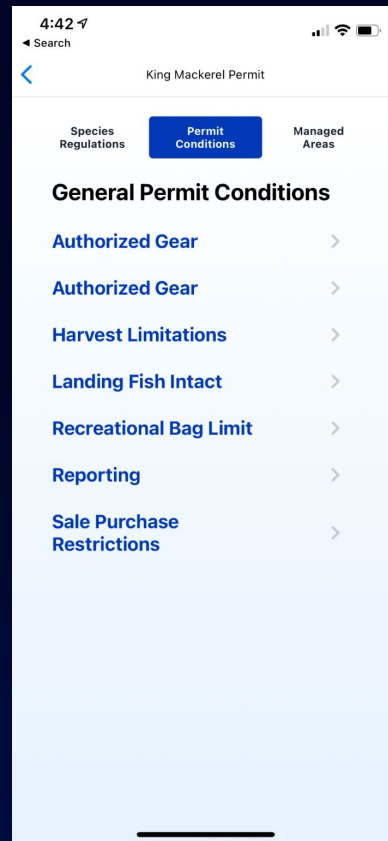
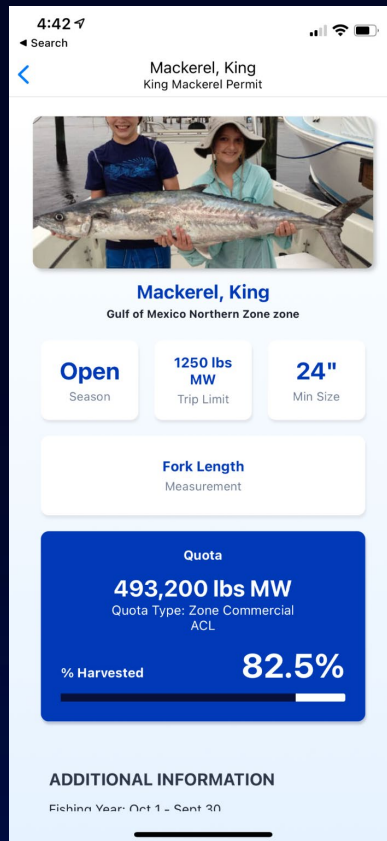
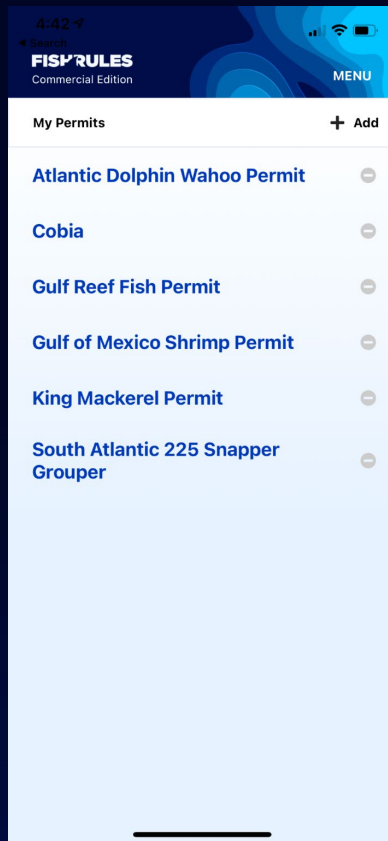
## Scope of Work

- Fish Rules and Council staff collaborated to design, develop, and populate a mobile app that shares comprehensive commercial fishing regulations for species managed by Gulf and South Atlantic Fishery Management Councils.

# What does it do?

- Structured based on permit
  - Species specific regulations displayed:
    - Seasons
    - Trip Limits
    - Size Limits
    - Quota progress
  - Permit Conditions
    - Reporting requirements, observer coverage, gear restrictions, etc.
  - Managed Areas
- Can be used offline





**FISPRULES**

# How is it managed?

1. Regulation revision/creation
2. Regulation submission
3. Regulations pushed out to Fish Rules mobile app, and other consumers using Fish Rule's API

## Benefits

- Central management of regulations
- Approval / revision process for regulations
- Distribution tool to update anglers on regulations

The image displays two overlapping screenshots of the Fish Rules web application. The top screenshot shows a 'Commercial Regulations' page with a table of regulations. The bottom screenshot shows a detailed view of 'Regulation #190'.

**Commercial Regulations Table:**

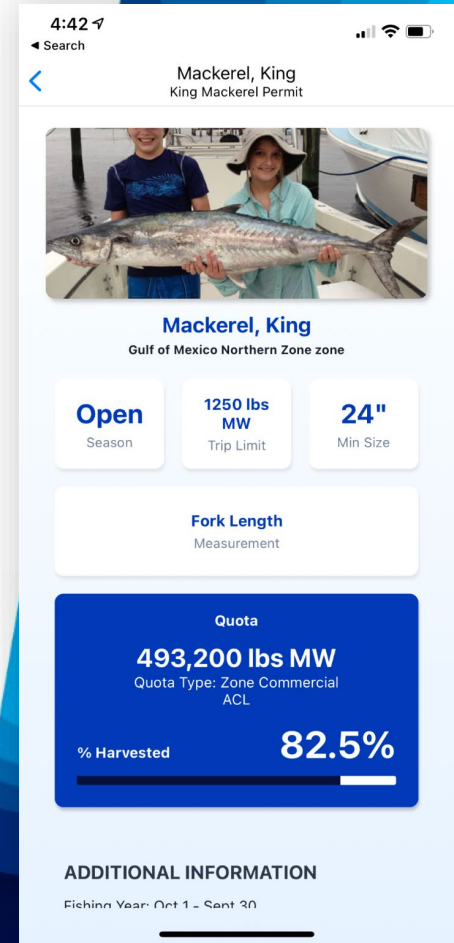
ID	PERMIT	SPECIES	ZONE	PUBLISHED	EFFECTIVE	ACTIONS
194	King Mackerel Permit	Cobia	Florida East Coast	✓	5/30/2021	
193	King Mackerel Permit	Cobia	Gulf of Mexico	✓	5/30/2021	

**Regulation #190 Details:**

- Regulation Info:**
  - Permit & Zone:** Permit: Gulf Reef Fish Permit, Zone: Gulf of Mexico
  - Regulation:** Species: Snapper, Yellowtail, Fishing Year: Aug 1 - Jul 31
  - Size Limits:** Total Length: Total length means the straight line distance from the most forward point of the head with the mouth closed, to the farthest tip of the tail with the tail compressed or squeezed, while the fish is lying on its side. Min Size: 12, Max Size: [blank]
  - Regulatory Notes:** Aneastern Gulf reef fish bottom longline endorsement is required to use bottom longline for Gulf reef fish in the federal waters east of 85°30' longitude.
- Quota Harvesting:**
  - Quota Type: Stock ACL
  - Stock Annual Catch Limit
- Metadata:**
  - User: Albrey Arrington
  - Published: 05/11/2021
  - Effective: 05/11/2021
  - Created: 04/13/2021
  - Last Updated: 06/08/2021
- Revisions:**
  - Regulation #190: 05/11/2021 (In Effect, Published)
  - Regulation #188: 04/11/2021 (Expired)

# Stats since launch, mid-May 2021

- 21k screen views
- 422 active users
- Average engagement time: 3 minutes



# The Future

- More use by commercial anglers, LEO, etc...
- More state and federal participation
- Dynamic Quota Management and updates
- Improved map function (dynamic, location based)
- Real time communication channels with anglers

**Quota Harvesting**

Quota Type

Stock ACL

Stock Annual Catch Limit

Quota Limit

901125 Whole Weight (lbs WW)

Amount Harvested

23.50%

Quota Closure

ITQ Coupons

ITQ

☐ None

☒ Non-Transferrable

☒ None