



Modifications to Red Porgy Management

Amendment 50



Summary for the Snapper Grouper Advisory
Panel

Spring 2021



Outline

- Review timing of amendment development
- Recap SG AP feedback from November 2020
- Overview of actions/alternatives as modified
- Overview of analyses
- AP recommendations?

2021 Timing

December 2020: Council reviewed AP input and preliminary analyses and approved for scoping.

Scoping Hearings: Feb 3 & 4. Comment period from Jan 20 to Feb 5. One comment received.

March 2021: Council reviewed preliminary analyses and provided additional guidance.

June 2021: review AP's input from this meeting, additional analyses, and approve for public hearings.



AP Input Nov 2020

- Consider conducting analyses with a closure (both sectors) that coincides with the Shallow Water Grouper closure and a reduction in trip and bag trip limits.
- For the commercial sector, Red Porgy may need to be managed under a bycatch allowance.
- It is important to keep the commercial fishery open, even at reduced level.
- Determine the peak spawning months for Red Porgy and adjust the spawning season closure accordingly.



AP Input Nov 2020

MOTION: for the commercial sector consider a range of trip limit options (25-60 fish). consider closure only during peak spawning.

MOTION: recommend closing the recreational fishery for red porgy in synchrony with the shallow water grouper spawning season closure. when red porgy is open:

1 fish per angler per trip

2 fish per angler per trip



Action 1 - Rebuilding

Option	Years	Probability of success
1. No Change	N/A (rebuilding plan ended in 2017)	N/A
2. T _{min} (F=0)	11 years	<50%
3. T _{min} + one generation	18 years	N/A
4. T _{min} X 2	22 years	N/A
5. T _{max} (F=75%F _{msy})	26 years	50%



Action 2 - Total ACL

Option	Optimum Yield (lbs ww)	Total Annual Catch Limit (lbs ww)
1. No change	328,000	328,000
2. Total ACL = updated ABC	75,000	75,000
3. Total ACL = 90% of updated ABC	67,500	67,500
4. Total ACL = 80% of updated ABC	60,000	60,000

Based on the current ABC recommendations from the SSC. ACLs are for 2022



Action 3 – Sector allocations

Option	Allocation (comm/rec)	Sector ACLs (lbs ww)
1. No Change	50 / 50	37,500 lbs
2. Allocation formula*	51.43 / 48.57	38,573 / 36,428
3. Remove allocations	N/A	75,000

Note: As of Feb 2020, the commercial ACL is allocated 30% to Jan-April and 70% to May-December



Recreational ACT (formerly Action 4)

Annual Catch Targets can be used to prevent catch from exceeding a sector's ACL. Council has not employed ACTs in management but has specified for the recreational sector.

In March 2021 the Council removed this action from Am 50 and opted to include an action in Am 49 to remove rec ACTs for all SG species.



Action 4 – Commercial Measures

1. No change. The trip limit is 60 fish from January 1 - April 30 and 120 fish from May 1 - December 31.
2. Reduce the trip limit from January 1 – April 30 to:
 - 2a. 15 fish
 - 2b. 20 fish
 - 2c. 30 fish
 - 2d. 45 fish
3. Reduce the trip limit from May 1 – December 31 to:
 - 3a. 15 fish
 - 3b. 20 fish
 - 3c. 30 fish
 - 3d. 45 fish
 - 3e. 60 fish



Estimated reductions from projected landings for potential trip limits

Current Trip Limit (# of red porgy)	Potential Trip Limit (# of red porgy)	Predicted Change in Landings per Trip
60	15	-62%
60	20	-52%
60	30	-35%
60	45	-15%
120	15	-71%
120	20	-64%
120	30	-51%
120	45	-36%
120	60	-25%

Table shows the predicted percent change in landings from either the 60-red porgy (January-April) or 120-red porgy (May-December) trip limits

*60-fish trip limit was effective February 26, 2020



Analyses for Action 4

This online interactive tool explores changes in landings and predicted closures under various trip limits and based on recommended catch levels:

https://data.safmc.net/SERO_SG50_DecisionTool/



Action 5 – Recreational Measures

Bag and Vessel Limits

1. No Change. The recreational bag limit is 3 fish per person per day, or 3 per trip. There are no vessel limits for Red Porgy.
2. Reduce the recreational *bag limit*
 - 2a. 1 per person per day or per trip
 - 2b. 2 per person per day or per trip
3. Establish a vessel limit for *private and charter vessels*
 - 3a. 6 per vessel per day or per trip
 - 3b. 12 per vessel per day or per trip
 - 3c. 18 per vessel per day or per trip
4. Establish a vessel limit for *headboats*
 - 4a. 20 fish per vessel
 - 4b. 40 fish per vessel
 - 4c. 60 fish per vessel



Estimated reductions for private and charter vessels

Vessel Limits	18-fish (3c)			12-fish (3b)			6-fish (3a)		
Bag Limits (alternatives)	3-fish (1)	2-fish (2b)	1-fish (2a)	3-fish (1)	2-fish (2b)	1-fish (2a)	3-fish (1)	2-fish (2b)	1-fish (2a)
Charter	-3%	-7%	-16%	-14%	-16%	-24%	-37%	-38%	-40%
Private	<1%	-10%	-32%	<1%	-10%	-32%	-8%	-12%	-32%
Charter & Private Combined	<1%	-10%	-29%	-2%	-11%	-31%	-12%	-16%	-33%



Estimated reductions for headboat vessels

Vessel Limit	60-fish (4c)			40-fish (4b)			20-fish (4a)		
Bag Limit	3-fish (1)	2-fish (2b)	1-fish (2a)	3-fish (1)	2-fish (2b)	1-fish (2a)	3-fish (1)	2-fish (2b)	1-fish (2a)
Headboat	-22%	-24%	-34%	-34%	-35%	-41%	-54%	-54%	-57%



Action 5 – Recreational Measures

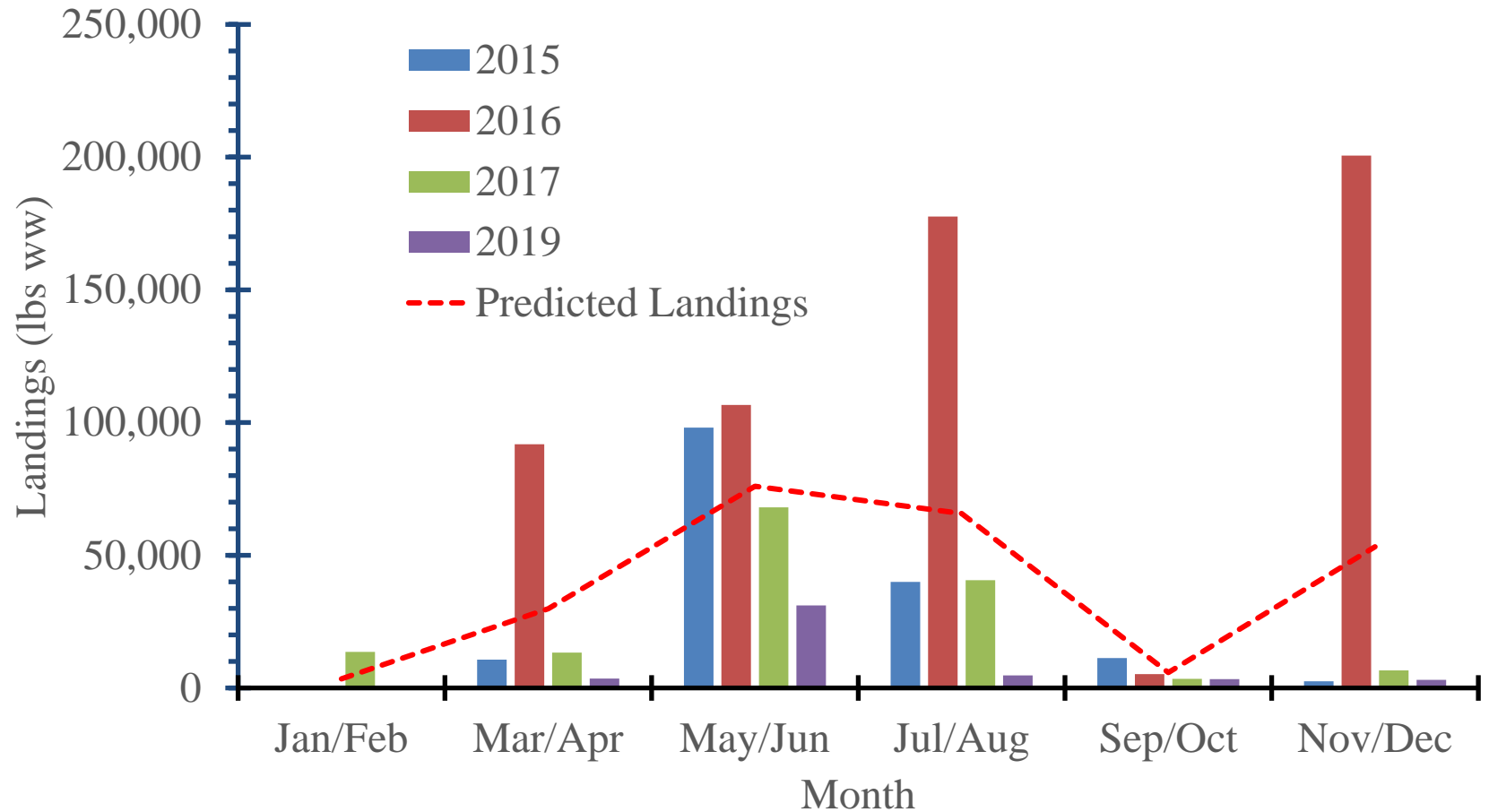
Recreational Season



1. No Change. Recreational harvest is allowed year-round until the recreational ACL is met or is projected to be met.
2. Establish a recreational fishing season for Red Porgy. Harvest would be allowed:
 - 2a. January - April
 - 2b. May - June
 - 2c. July - August



Red Porgy recreational landings by wave and predicted landings



Analyses for Action 5

This online interactive tool explores changes in landings and predicted closures under various bag and vessel limits (based on recommended catch levels). The tool also allows exploration of options for a recreational season.

https://data.safmc.net/SERO_SG50_DecisionTool/



Action 6 – Recreational AMs

1. No Change
2. Announce date season will open and how long it will be (like for BSB)
3. Triggers to determine when ACL has been exceeded and post-season AM (payback of overage and or reduction of season) should come into play
 - Running averages based on arithmetic mean or geometric mean



Questions & Discussion

The image features a calm ocean surface with gentle ripples, reflecting the warm, orange and pink hues of a sunset sky. The horizon line is visible in the distance, separating the dark blue water from the bright, glowing sky. The text 'Questions & Discussion' is centered in the upper half of the image in a clean, white, sans-serif font.