



Tab B, No. 7(a)  
August 2022

# Location of Allocation Review Components in Council Amendments

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# Plan Amendments

- An amendment includes “the full analysis and evaluation of allocation options” that serves to inform and support the allocation decision.
- Amendment 54 would modify the Greater Amberjack sector allocation.
- Amendment includes analytical components appropriate and related to action (e.g., as relates to purpose of action).



# Allocation Review Guidelines:

- “Allocation reviews will typically be conducted based on information and data that are routinely available. Reviews are expected to utilize existing ecological, biological, and socio-economic studies relevant to the species (or group of species) and user groups under consideration. ... It is expected that a subset of the list provided in this section would be used for a particular allocation review, depending on their relevance to the species under review, sectors, user groups, or states concerned, and data availability.” p.4



# Allocation Review Guidelines

# Location in Document

## FMP OBJECTIVES

- Re-evaluate goals and objectives to determine whether they are current, clear, and measurable. As directed by NMFS Allocation Review Policy, allocation reviews must include an evaluation of the relevant FMP objectives. Specifically, the review should assess whether the allocation is consistent with the FMP objectives.

## AMENDMENT 53 (2021) RED GROUPER

- 1.1 Background



# Allocation Review Guidelines

# Location in Document

## REGULATORY STRUCTURE

- Mainly discuss relevant current management measures
- However, if warranted consider changes over time (bag limit changes)
- Several elements could be gathered from history of management sections included in Council's regulatory actions

## AMENDMENT 54 (GAJ)

- 1.1 Background
  - Table 1.1.4
  - Figure 1.1.1
- 1.3 History of Management

**Table 1.1.4.** Recreational and commercial management measures for the harvest of greater amberjack.

	<b>Recreational</b>	<b>Commercial</b>
<b>Fishing Year</b>	Aug 1 – July 31	Jan 1 – Dec 31
<b>Fixed Closed Season(s)</b>	Nov 1 – Apr 30 and June 1 – July 31	Mar 1 – May 31
<b>Minimum Size Limit</b>	34-inch FL	36-inch FL
<b>Bag/Trip Limit</b>	1 fish per person per day	1,000 lbs gw until 75% of ACT is reached, then 250 lbs gw

# Allocation Review Guidelines

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## STATUS OF THE STOCKS

- Discuss findings of the latest stock assessment

**Table 1.1.2.** The Gulf greater amberjack management advice table (SEDAR 70 2020) as reviewed at the November 2021 SSC meeting. The stock is undergoing overfishing ( $F_{\text{current}}/\text{MFMT} = 1.25$ ) and is overfished ( $\text{SSB}_{\text{current}}/\text{MSST} = 0.83$ ) as noted in gray below.

Criteria	Definitions	SEDAR 70	SEDAR 33 Update
<b>M</b>		0.28	0.28
<b>Steepness</b>		0.777	0.85
<b>Virgin Recruitment</b>	1,000s	3,698	2,761
<b>SSB Unfished</b>		23,733	18,779
	<b>Mortality rate criteria</b>		
<b>F<sub>MSY</sub> or proxy</b>	$F_{\text{SPR}30\%}$	0.242	0.20
<b>MFMT</b>	$F_{\text{SPR}30\%}$	0.242	0.20
<b>F<sub>CURRENT</sub></b>	$0.75 * \text{Directed } F \text{ at } F_{30\% \text{SPR}}$	0.302	0.33
<b>F<sub>CURRENT</sub>/MFMT</b>	Current stock status based on $F_{\text{MSY}}$ proxy and MFMT	1.25	1.69
	<b>Biomass criteria</b>		
<b>SSB<sub>MSY</sub> or proxy</b>	Equilibrium $F_{\text{SPR}30\%}$	5,838	5,686
<b>MSST (Mtons)</b>	$0.5 * \text{SSB}_{\text{SPR}30\%}$	2,919	4,094 <sup>1</sup>
<b>SSB<sub>CURRENT</sub> (Mtons)</b>	$\text{SSB}_{2018}$	2,433	1,640
<b>SSB<sub>CURRENT</sub>/SSB<sub>SPR30%</sub></b>	Current stock status based on $\text{SSB}_{\text{SPR}30\%}$ (Equilibrium)	0.42	0.288
<b>SSB<sub>CURRENT</sub>/MSST</b>	Current stock status based on $\text{MSST}_{\text{SPR}30\%}$	0.83	0.400
<b>SSB<sub>CURRENT</sub>/SSB unfished</b>	Current stock status based on $\text{MSST}_{\text{SPR}30\%}$	0.10	0.09

## AMENDMENT 54 (GAJ)

- 1.1 Background
  - Table 1.1.2



# Allocation Review Guidelines

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## CATCH LIMITS & ACCOUNTABILITY MEASURES

- List allowable biological catch (ABC), annual catch limits and targets (ACLs and ACTs); Discuss buffers between the catch limits and targets.
- If warranted, include changes to these variables over time and to the metrics used (e.g., MRIP-CHTS to FES)
- Season closures and quota paybacks
- Include comparison across user groups

## AMENDMENT 54 (GAJ)

- 1.1 SEDAR 70 (2020) Stock Assessment
- 1.3 History of Management
- 2.1-2.2 Actions 1-2 – Management Alternatives
- Tables 3.1.1.2, 3.1.1.3



# Allocation Review Guidelines

# Location in Document

## LANDINGS HISTORY; ACL/QUOTA UTILIZATION RATES

- Provide detailed landings history by sector, within sector (gear, components of a particular sector), by region or by state. Discuss relevant changes in units of measurement used (e.g., conversion of recreational landings from MRIP-CHTS to MRIP-FES)
- Provide aggregate landings including other species in the FMP. Discuss the relative dependence of a given user group on the species under review (for example, include red snapper landings and total reef fish landings)
- Trends for each user group
- Include comparison across user groups

## AMENDMENT 54 (GAJ)

- 1.1 Background
  - Table 1.1.3 (1981-2019)
- Ch. 3 – numbers of vessels, trips, landings, by sector, state, and mode.



# Allocation Review Guidelines

# Location in Document

## **PARTICIPATION AND EFFORT MEASURES**

- Provide numbers of participants, as measured by permits or licenses, vessels, and anglers where available. Include total numbers as well as active (non-latent) participation based on the allocation(s) being reviewed
- Provide effort measures including number of trips (e.g., catch and target trips for private recreational anglers and for-hire operators)
- Include evaluation of participation and effort trends

## **AMENDMENT 54 (GAJ)**

- Ch. 3 – Description of the Fishery, Economic, and Social Environments



# Allocation Review Guidelines

# Location in Document

## BIO-PHYSICAL INFORMATION

- **Discards and Discard Mortality Rates** (Include comparison across user groups)
- **Protected Species Bycatch Numbers and Rates** (Include comparison across user groups)
- **Habitat Impacts** (Include comparison across user groups; discuss impacts of relevant environmental events, e.g., spatial considerations in allocation between Gulf states such as red tide, oil spills, etc.)

## AMENDMENT 54 (GAJ)

- 3.3 Biological Environment
- BPA to be completed (Appendix)



# Allocation Review Guidelines: Economic Factors

An allocation review should provide, to the extent practicable, metrics to evaluate economic factors relevant to the species and allocation under review.

- Consumer surplus commercial
- Consumer surplus recreational anglers
- Producer surplus for-hire vessels, revenues, costs
- Producer surplus commercial vessels, revenues, costs
- Share and allocation transfer price (catch share managed species only)
- Economic impacts by sector as measured by employment, output, income and value-added.



# RF 54: Economic factors in Ch. 3-4

- Economic value to recreational anglers (consumer surplus)
- Gross and net revenues to for-hire operators
- Economic value to for-hire operators (producer surplus)
- Business activity associated with recreational angling (economic impacts)
- Commercial dockside revenues from GAJ and other species;
- Costs as percentages of revenues, (e.g., fuel, bait, ice, hired crew, owner-captain time)
- Trip net revenue, productivity measures (e.g., pounds landed per gallon of fuel)
- Dealer statistics (GAJ and other species purchases)
- Economic impacts in the commercial sector



# Allocation Review Guidelines

# Location in Document

## SOCIAL FACTORS

Allocation reviews should include, to the extent practicable, metrics to evaluate social considerations of allocation. However, available human dimensions data are limited and data are typically not available to make comparisons across sectors or for recreational fishing among states.

- Community Regional and Local Quotients – Available for the commercial sector, only. Data are not currently available to associate recreational landings with a particular community.
- Community engagement and reliance indicators – Measurements of fishing activity specific to a particular stock (commercial sector) or for fishing in general (recreational fishing).
- Community social vulnerability indicators – Measure for the community in general and not specific to the fishing aspects of a community, and not distinguished by sector.

## AMENDMENT 54 (GAJ)

- 3.5 – Social Environment
  - Commercial community RQ
  - Commercial and recreational engagement and reliance
  - Community social vulnerability



# Questions?

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