



# Amendment 33: Gulf King Mackerel Catch Limits and Sector Allocations

SAFMC March 2022 Meeting



# Why are we here?

- 2020 Gulf king mackerel update (SEDAR 38U):
  - Not overfished, not experiencing overfishing
- Proposed modifications:
  - Catch limits (OFL, ABC, ACLs)
    - Currently in CHTS; proposed in FES
    - Not affected by sector allocation
  - Sector allocations (commercial, recreational)
    - Currently 68% recreational, 32% commercial
    - In effect since 1985

# Purpose and Need

- Purpose:
  - To revise the catch limits for Gulf king mackerel; and, to review recreational and commercial allocations in response to new information on the stock provided in the SEDAR 38 Update stock assessment.
- Need:
  - To ensure catch limits are based on BSIA, to prevent overfishing while achieving OY, and to increase social and economic benefits for Gulf king mackerel through sustainable harvest in accordance with the Magnuson-Stevens Act.

# Action 1: Modify the Gulf King Mackerel OFL, ABC, and ACL

**Alternative 1:** No Action. Retain the current OFL, ABC, and total ACL for Gulf king mackerel as established in CMP Amendment 26.  $ACL = ABC$  for 2015/2016 – 2019/2020 and subsequent fishing years. Catch limit values are in millions of pounds (mp), landed weight (lw):

Fishing Year	OFL	ABC	Total ACL
2019/2020+	8.95	8.55	8.55
2019/2020+ MRIP-FES equivalent	12.60	12.16	12.16

# Action 1: Modify the Gulf King Mackerel OFL, ABC, and ACL

**Alternative 2:** Revise the OFL and ABC for Gulf king mackerel as recommended by the Gulf SSC for 2021/2022 – 2023/2024 and subsequent fishing years. The total ACL is set equal to the ABC. An annual catch target is not used. Catch limit values are in millions of pounds (mp), whole weight (ww):

Fishing Year	OFL	ABC	Total ACL
2021/2022	10.89	9.37	9.37
2022/2023	11.05	9.72	9.72
2023/2024+	11.18	9.99	9.99

# Sector Allocations

- Recent landings history: CHTS vs FES

Fishing Year	Recreational CHTS	Recreational FES	Commercial	Total CHTS	Total FES	% Increase to FES
2012/2013*	3,224,351	6,856,317	2,739,233	5,963,584	9,595,550	161%
2013/2014*	2,082,852	3,948,649	2,524,253	4,607,105	6,472,902	140%
2014/2015*	4,015,683	7,777,977	2,833,403	6,849,086	10,611,380	155%
2015/2016*	2,528,084	4,809,690	2,593,097	5,121,181	7,402,787	145%
2016/2017	2,586,973	4,986,461	2,693,084	5,280,057	7,679,545	145%
2017/2018	2,354,916	5,209,295	3,032,173	5,387,089	8,241,468	153%
2018/2019	2,338,564	5,044,834	2,808,800	5,147,364	7,853,634	153%
2019/2020	1,052,149	2,104,025	2,694,643	3,746,792	4,798,668	128%
Source: SERO ACL Monitoring Data						
* FLEC excluded from commercial totals for comparison						



# Sector Allocations

- Recent landings history: % ACL landed

Fishing Year	Total TAC/ACL	Comm Sector ACL	Comm Landings	Rec Sector ACL	Rec Landings	% of Sector ACL Landed		% of Total ACL Landed
						Comm <sup>1</sup>	Rec <sup>2</sup>	
2012/2013	10,800,000	3,456,000	3,501,893	7,344,000	3,224,351	101.3%	43.9%	62.3%
2013/2014	10,800,000	3,456,000	3,236,234	7,344,000	2,082,852	93.6%	28.4%	49.3%
2014/2015	10,800,000	3,456,000	3,753,959	7,344,000	4,015,683	108.6%	54.7%	71.9%
2015/2016	10,800,000	3,456,000	3,642,992	7,344,000	2,531,260	105.4%	34.5%	57.2%
2016/2017	9,210,000	2,950,000	2,902,360	6,260,000	2,587,187	98.4%	41.3%	59.6%
2017/2018	8,880,000	2,840,000	3,031,397	6,040,000	2,356,343	106.7%	39.0%	60.7%
2018/2019	8,710,000	2,790,000	2,780,813	5,920,000	2,338,564	99.7%	39.5%	58.8%
2019/2020	8,550,000	2,740,000	2,658,942	5,810,000	1,622,334	97.0%	27.9%	50.1%

# Action 2: Modify Sector Allocation and Comm Zone Quotas for Gulf King Mackerel

**Alternative 1:** No Action. Maintain the sector allocation of the total ACL for Gulf king mackerel between the commercial and recreational sectors. The sector allocation for Gulf king mackerel is 32% commercial and 68% recreational. This allocation was derived from the average landings using available landings data from the years 1975 through 1979, and established in Amendment 1 to the CMP FMP in 1985.



# Action 2: Modify Sector Allocation and Comm Zone Quotas for Gulf King Mackerel

**Alternative 2:** Modify the sector allocation for Gulf king mackerel by reallocating to the commercial sector a percentage of the average difference between the total landings from the 2016/2017 through 2019/2020 fishing years using MRIP-FES data and the total simulated ACL for Model 2 in Appendix B for the predicted total landings by sector and the total projected ACL.

**Option 2a:** 25% of the average difference

**Option 2b:** 50% of the average difference

**Option 2c:** 75% of the average difference

**Option 2d:** 100% of the average difference

# Action 2: Modify Sector Allocation and Comm Zone Quotas for Gulf King Mackerel

## Alternative 2:

Fishing Year	Total Landings MRIP-FES (lbs lw)	Total Projected ACL from Model 2 (lbs lw)	Difference (Landings and Projected ACL, lbs lw)	Average the Difference for 4 years (lbs lw)
2016/2017	9,367,484	13,690,000	4,322,516	4,119,399
2017/2018	9,380,321	13,030,000	3,649,679	
2018/2019	9,054,434	12,530,000	3,475,566	
2019/2020	7,130,166	12,160,000	5,029,834	

Option	Rec ACL (lbs lw)	Rec Allocation (%)	Comm ACL (lbs lw)	Comm Allocation (%)
Alt 1: 0%	6,793,200	68%	3,196,800	32%
Opt. 2a: 25%	5,763,350	58%	4,226,650	42%
Opt. 2b: 50%	4,733,501	47%	5,256,499	53%
Opt. 2c: 75%	3,703,651	37%	6,286,349	63%
Opt. 2d: 100%	2,673,801	27%	7,316,199	73%

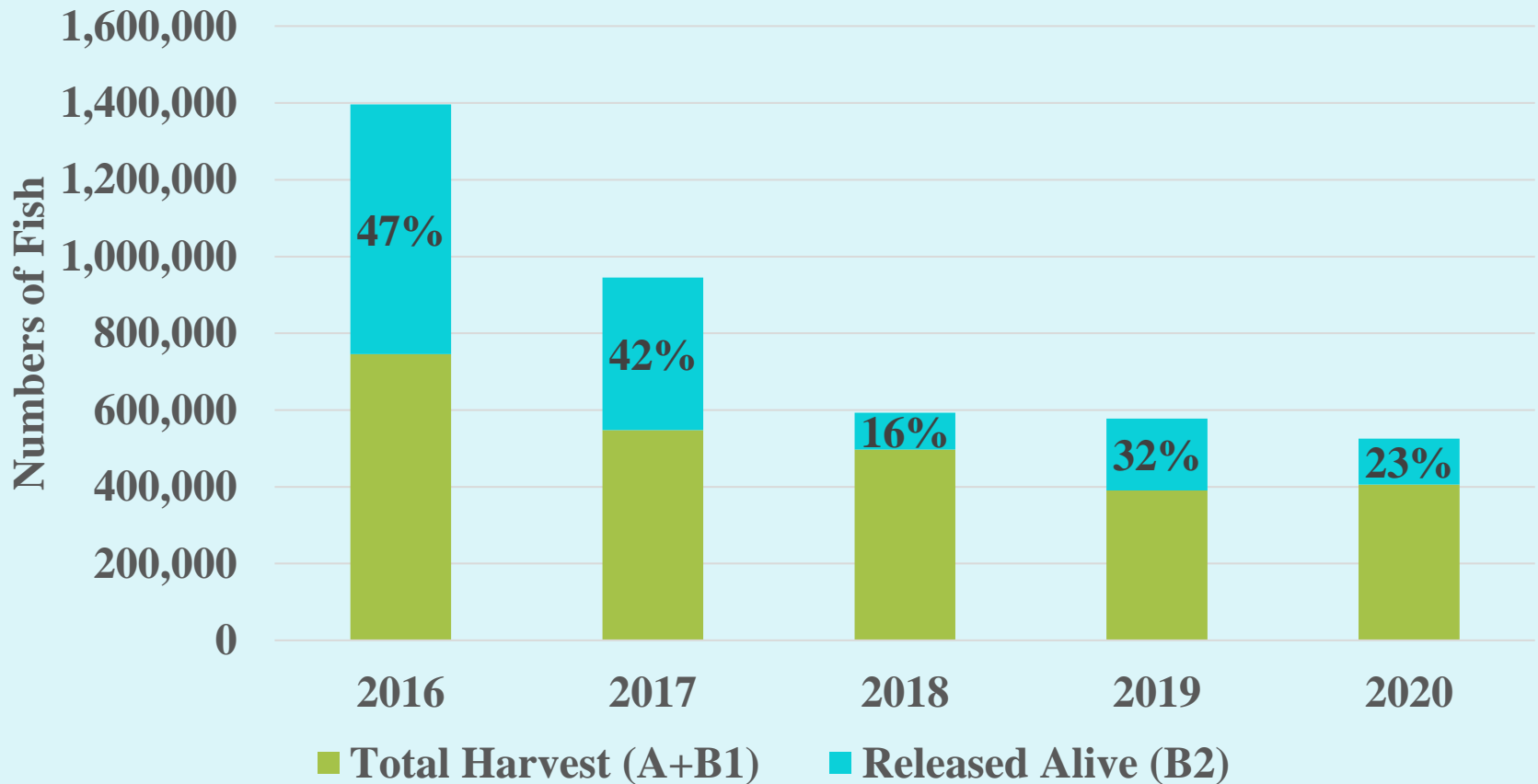
# Action 2: Modify Sector Allocation and Comm Zone Quotas for Gulf King Mackerel

## Alternative 2: Predicted landings by sector and option

Average Rec Landings (FES)	2023/2024+ Rec ACL			
	Option 2a	Option 2b	Option 2c	Option 2d
4,658,814	5,763,350	4,733,501	3,703,651	2,673,801
Percentage	80.8%	98.4%	125.8%	174.2%
Average Com Landings (Sim 2)	2023/2024+ Com ACL			
	Option 2a	Option 2b	Option 2c	Option 2d
4,222,080	4,226,650	5,256,499	6,286,349	7,316,199
Percentage	99.9%	80.3%	67.2%	57.7%

# Other Requests

## Additional Info: Recreational Catch versus Releases (FES)



# GMFMC January 2022 Motions

- **Motion:** To move Option 2c and 2d of Alternative 2 in Action 2 to Considered but Rejected. *Motion carried unanimously*
- **Justification:**
  - Gulf Council wants to keep recreational season open year round
  - Option 2c and 2d of Alternative 2 in Action 2 may result in recreational quota closures



# GMFMC January 2022 Motions

- **Substitute Motion:** To request presentations of the New England and Mid-Atlantic RSA programs at a future Council meeting for consideration. *Motion carried 14-1*
- **Justification:**
  - Gulf Council interested in learning about research set-asides for expanding funding for Council-identified research needs



# GMFMC January 2022 Motions

- **Motion:** To remove **Action 1** from Amendment 33 and start a new framework action. *Motion carried 9-7*
- **Justification:**
  - Gulf Council interested in moving faster on implementing updated catch limits
  - Any future change to sector allocation can be implemented without affecting change to catch limits
    - Fleet selectivity, retention, catchability not dissimilar between sectors



# Questions?

