

**ACTION 3. Incidental Catch Allowance for Atlantic Migratory Group King Mackerel Caught in the Shark Gillnet Fishery**

(Suggested language is highlighted)

**Alternative 2:** Allow retention and sale of Atlantic migratory group king mackerel caught with drift gillnet as incidental catch in the gillnet portion of the commercial shark fishery for any vessel with a valid shark directed commercial permit AND valid federal king mackerel commercial permit. The king mackerel must be sold to a dealer with the Southeast federal dealer permit. For shark gillnet trips in the EEZ off Florida, no more than 2 king mackerel per crew member can be on board, and no more than 2 king mackerel per crew member can be sold from the trip. For shark gillnet trips in the EEZ north of the SC/NC line, no more than 3 king mackerel per crew member can be on board, and no more than 3 king mackerel per crew member can be sold from the trip. No king mackerel caught on shark gillnet trips in the EEZ off Georgia and South Carolina may be retained or sold.

**Council Action:**

Review and approve language for Alternative 2 under Action 3.

## Action 4. Establish Commercial Split Seasons for Atlantic Migratory Group King Mackerel in the Southern Zone

**Alternative 1 (No Action).** The commercial fishing year for Atlantic king mackerel is March 1 – February 28. The Southern Zone quota is allocated for the entire fishing year.

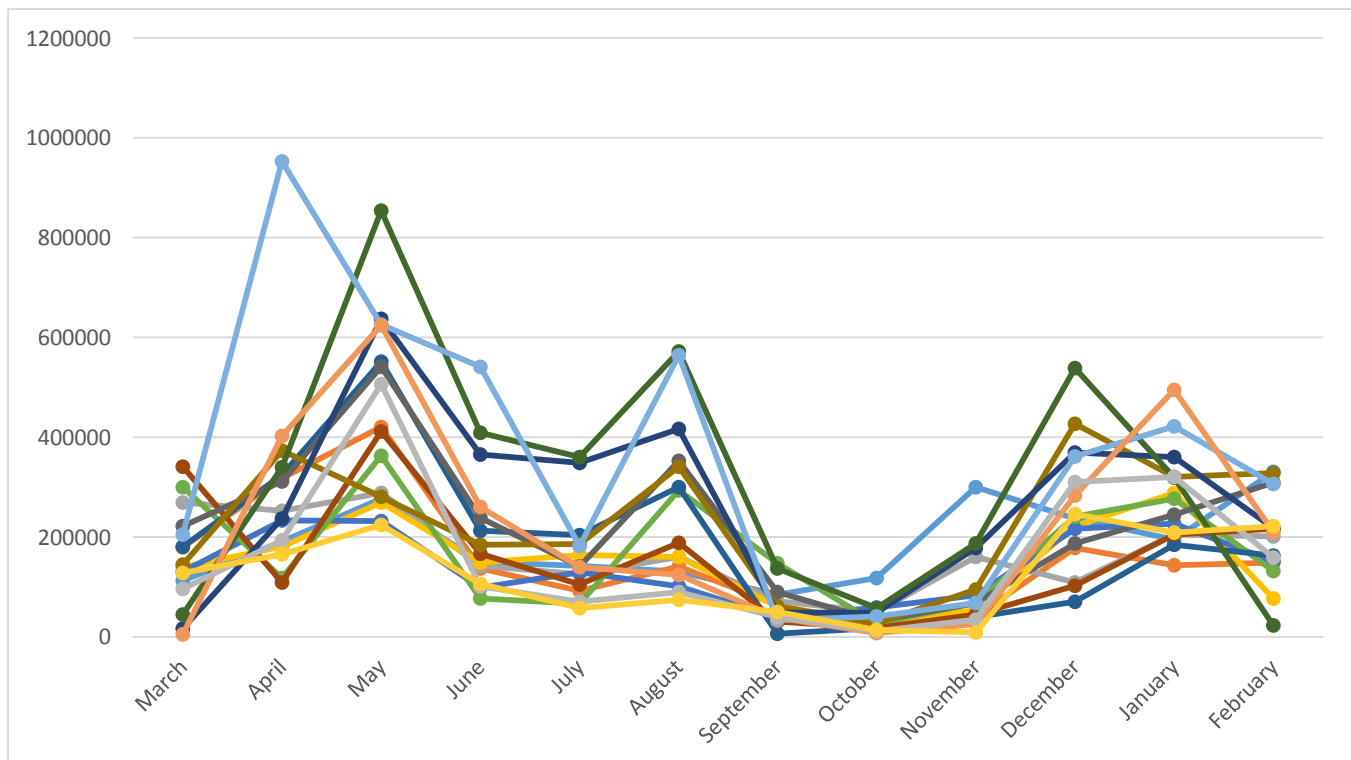
**Alternative 2.** Allocate the Southern Zone quota for Atlantic king mackerel into two quotas: 60% to the period March 1 - September 30 (season 1) and 40% to the period October 1 – February 28 (season 2). Any remaining quota from season 1 would transfer to season 2. Any remaining quota from season 2 would not be carried forward. When the Southern Zone quota for the season is met or expected to be met, commercial harvest of king mackerel in the Southern Zone will be prohibited for the remainder of the season. (**South Atlantic Mackerel AP Recommended**)

**Alternative 3.** Allocate the Southern Zone quota for Atlantic king mackerel into two quotas: X% to the period Month-Month (season 1) and X% to the period Month-Month (season 2). Any remaining quota from season 1 would transfer to season 2. Any remaining quota from season 2 would not be carried forward. When the Southern Zone quota for the season is met or expected to be met, commercial harvest of king mackerel in the Southern Zone will be prohibited for the remainder of the season.

HERE ARE SOME SUGGESTIONS FOR ALTERNATIVE 3+

60% Mar-Oct and 40% Nov-Feb

70% Mar-Oct and 30% Nov-Feb



**Figure 1.** King mackerel landings in the Southern Zone by month for the fishing years 1998/98 through 2013/14.

**Table 1.** Total king mackerel commercial landings from the Southern Zone, and percentages of the total landings under the potential split seasons.

Fishing Year	Total SZ	Alternative 2		Alternative 3?	
		Mar- Sep	Oct- Feb	Mar-Oct	Nov- Feb
1998-99	2268020	48.0%	52.0%	53.2%	46.8%
1999-00	1882497	71.8%	28.2%	72.9%	27.1%
2000-01	2034291	64.3%	35.7%	66.8%	33.2%
2001-02	1794925	62.7%	37.3%	64.3%	35.7%
2002-03	1699936	56.6%	43.4%	60.1%	39.9%
2003-04	2110632	64.7%	35.3%	66.0%	34.0%
2004-05	2253822	78.9%	21.1%	79.7%	20.3%
2005-06	1936527	69.8%	30.2%	70.7%	29.3%
2006-07	2738512	69.3%	30.7%	70.4%	29.6%
2007-08	2767803	56.8%	43.2%	57.7%	42.3%
2008-09	3243900	63.8%	36.2%	65.3%	34.7%
2009-10	3842670	70.7%	29.3%	72.2%	27.8%
2010-11	4302830	72.2%	27.8%	73.1%	26.9%
2011-12	2615883	61.0%	39.0%	61.3%	38.7%
2012-13	1930041	56.8%	43.2%	57.4%	42.6%
2013-14	1502679	53.5%	46.5%	54.5%	45.5%

**Table 2.** Average, maximum and minimum percentages of total Southern Zone landings with potential split seasons.

	Season 1: March- Sept			Season 2: Oct- Feb		
	Avg	Max	Min	Avg	Max	Min
5 yrs	62.8%	72.2%	53.5%	37.2%	46.5%	27.8%
10 yrs	65.3%	78.9%	53.5%	34.7%	46.5%	21.1%
15 yrs	63.8%	78.9%	48.0%	36.2%	52.0%	21.1%

	Season 1: March- Oct			Season 2: Nov- Feb		
	Avg	Max	Min	Avg	Max	Min
5 yrs	63.7%	73.1%	54.5%	36.3%	45.5%	26.9%
10 yrs	66.2%	79.7%	54.5%	33.8%	45.5%	20.3%
15 yrs	65.3%	79.7%	53.2%	34.7%	46.8%	20.3%

**Table 3a.** Examples of possible split season quotas for the Southern Zone (in lbs) with a 60/40 split

	ACL=ABC <sup>1</sup> High Recruitment <sup>2</sup>		ACL=ABC <sup>1</sup> Medium Recruitment <sup>3</sup>		ACL=Deterministic Equilibrium Yield at F <sub>30%</sub> SPR <sup>4</sup>	
	Season 1 (60%)	Season 2 (40%)	Season 1 (60%)	Season 2 (40%)	Season 1 (60%)	Season 2 (40%)
2016/17	3,001,440	2,000,960	2,816,736	1,877,824	2,170,272	1,446,848
2017/18	2,724,384	1,816,256	2,447,328	1,631,552		
2018/19	2,401,152	1,600,768	2,216,448	1,477,632		
2019/20	2,170,272	1,446,848	2,077,920	1,385,280		

**Table 3b.** Examples of possible split season quotas for the Southern Zone (in lbs) with a 70/30 split

	ACL=ABC <sup>1</sup> High Recruitment <sup>2</sup>		ACL=ABC <sup>1</sup> Medium Recruitment <sup>3</sup>		ACL=Deterministic Equilibrium Yield at F <sub>30%SPR</sub> <sup>4</sup>	
	Season 1 (70%)	Season 2 (30%)	Season 1 (70%)	Season 2 (30%)	Season 1 (70%)	Season 2 (30%)
2016/17	3,501,680	1,500,720	3,286,192	1,408,368	2,531,984	1,085,136
2017/18	3,178,448	1,362,192	2,855,216	1,223,664		
2018/19	2,801,344	1,200,576	2,585,856	1,108,224		
2019/20	2,531,984	1,085,136	2,424,240	1,038,960		

**Table 3c.** Examples of possible split season quotas for the Southern Zone (in lbs) with a 50/50 split

	ACL=ABC <sup>1</sup> High Recruitment <sup>2</sup>	ACL=ABC <sup>1</sup> Medium Recruitment <sup>3</sup>	ACL=Deterministic Equilibrium Yield at F <sub>30%SPR</sub> <sup>4</sup>
	Season 1 or 2 (50%)	Season 1 or 2 (50%)	Season 1 or 2 (50%)
2016/17	2,501,200	2,347,280	1,808,560
2017/18	2,270,320	2,039,440	
2018/19	2,000,960	1,847,040	
2019/20	1,808,560	1,731,600	

<sup>1</sup> Alternative 2 under Action 2-2

<sup>2</sup> Alternative 2 under Action 2-1, ABC under High Recruitment Scenario

<sup>3</sup> Alternative 3 under Action 2-1, ABC under Medium Recruitment Scenario

<sup>4</sup> Alternative 3 under Acton 2-2

**Table 4.** Total king mackerel commercial landings from the Southern Zone, and percentages of the total landings under the potential split seasons.

Fishing Year	Total SZ	Alternative 2		Alternative 3?	
		Mar- Sep	Oct- Feb	Mar-Oct	Nov- Feb
1998-99	2268020	1,087,858	1,180,162	1,205,471	1,062,549
1999-00	1882497	1,352,567	529,930	1,371,907	510,590
2000-01	2034291	1,308,891	725,400	1,358,444	675,847
2001-02	1794925	1,124,947	669,978	1,153,715	641,210
2002-03	1699936	962,863	737,073	1,021,530	678,406
2003-04	2110632	1,365,949	744,683	1,393,093	717,539
2004-05	2253822	1,778,407	475,415	1,795,750	458,072
2005-06	1936527	1,350,872	585,655	1,368,436	568,091
2006-07	2738512	1,896,802	841,710	1,929,071	809,441
2007-08	2767803	1,570,897	1,196,906	1,597,353	1,170,450
2008-09	3243900	2,070,303	1,173,597	2,118,706	1,125,194
2009-10	3842670	2,716,313	1,126,357	2,774,083	1,068,587
2010-11	4302830	3,104,614	1,198,216	3,145,611	1,157,219
2011-12	2615883	1,594,660	1,021,223	1,602,782	1,013,101
2012-13	1930041	1,095,609	834,432	1,106,881	823,160
2013-14	1502679	803,797	698,882	818,231	684,448

**Council Action:**

Review and approve language for alternatives in revised Action 4.

## **Action 5. Establish trip limits for a Florida East Coast (FLEC) Management Zone**

### **Action 5-1. Establish boundaries for a Florida East Coast (FLEC) Management Zone for Atlantic Migratory Group King Mackerel**

**Alternative 1:** No action - Do not establish a Florida East Coast Management Zone.

**Alternative 2:** Establish a FLEC Management Zone that exists year-round with boundaries at:

**Option 2a:** Flagler/Volusia county line and Dade/Monroe county line.

**Option 2b:** Volusia/Brevard county line and Dade/Monroe county line.

**Option 2c:** Volusia/Brevard county line and the Council jurisdictional boundary (as designated Action 1).

**Alternative 3:** Establish a FLEC Management Zone that exists March 1 through September 30 with boundaries at:

**Option 3a:** Flagler/Volusia county line and Dade/Monroe county line.

**Option 3b:** Volusia/Brevard county line and Dade/Monroe county line. **(South Atlantic AP Recommended)**

**Option 3c:** Volusia/Brevard county line and the Council jurisdictional boundary (as designated in Action 1).

**Alternative 4:** Establish a FLEC Management Zone that exists October 1 through end of February with boundaries at:

**Option 4a:** Flagler/Volusia county line and Dade/Monroe county line. **(South Atlantic AP Recommended)**

**Option 4b:** Volusia/Brevard county line and Dade/Monroe county line.

**Option 4c:** Volusia/Brevard county line and the Council jurisdictional boundary (as designated in Action 1).

#### **Council Action:**

Review and approve language change for Action 5-1.

## **Action 5-2. Establish a trip limit system for the Florida East Coast (FLEC) Management Zone**

**Alternative 1:** No action. TBD

**Alternative 2:** Establish a year-round trip limit of 75 fish for Atlantic king mackerel in the FLEC Management Zone (designated in Action 5-1).

**Alternative 3:** Establish a trip limit of 75 fish for Atlantic king mackerel in the FLEC Management Zone (designated in Action 5-1) from March 1 through September 30.

**Option 3a.** Reduce the trip limit to 50 fish from May 1- May 31.

**Option 3b.** Reduce the trip limit to 50 fish from May 1- August 31.

**Option 3c.** Reduce the trip limit to 50 fish from April 15- May 15.

[The step-down in Options 3a-3c was recommended to reduce harvest during spawning.]

**Alternative 4:** Establish a trip limit of 50 fish for Atlantic king mackerel in the FLEC Management Zone (designated in Action 5-1) from October 1 through the end of February.

**Option 4a.** Beginning on February 1 and continuing through the end of February--

(1) If 70 % or more of the season 2 quota has been taken, the trip limit is 50 fish.

(2) If less than 70 % of the season 2 quota has been taken, the trip limit is 75 fish.

**Option 4b.** Beginning on January 1 and continuing through the end of February--

(1) If 70 % or more of the season 2 quota has been taken, the trip limit is 50 fish.

(2) If less than 70 % of the season 2 quota has been taken, the trip limit is 75 fish.

**Option 4c.** Beginning on February 1 and continuing through the end of February--

(1) If 80 % or more of the season 2 quota has been taken, the trip limit is 50 fish.

(2) If less than 80 % of the season 2 quota has been taken, the trip limit is 75 fish.

[The step-up in Options 4a-4c allows a potential higher trip limit in the last month or two of the year, to allow fishermen better opportunity to meet the ACL/quota. The current system is similar to Option 4a.]

### **Council Action:**

Review and approve language for alternatives in revised Action 5-2.