Bullet and Frigate Mackerel as Ecosystem Component Species in the Dolphin Wahoo Fishery Management Plan

Scoping Document



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What is Scoping?

Scoping is the first stage of the process to amend a fishery management plan after an issue has been identified (see steps in the process below). Scoping has two main purposes: (1) to inform you that the South Atlantic Fishery Management Council ("SAFMC" or "Council") may propose new regulations or change existing ones and (2) to allow you the opportunity to comment on the issue or identify other related issues that may need the Council's attention. You will have more opportunity to provide comments as the amendment is developed; however, scoping is the first and best opportunity to make suggestions for the Council to consider before an amendment is developed.

Council Process-Fishery Management Plan Amendment



What issue is being considered?

The Council is currently considering adding bullet mackerel (*Auxis rochei*) and frigate mackerel (*Auxis thazard*) as ecosystem component (EC) species to the Dolphin Wahoo Fishery Management Plan (FMP).

Why is the Council considering action?

This action is being considered in acknowledgement of the role that the two unmanaged mackerel species play as important prey for both dolphin and wahoo. The Council is soliciting public input through scoping before deciding if it will move forward with any action. The Council will be reviewing this input at their June 2019 meeting and will determine whether to proceed with adding bullet and frigate mackerel as EC species in the Dolphin Wahoo FMP.

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What regions would be affected by this action?

The fisheries for Atlantic dolphin and wahoo are managed under the Atlantic Dolphin Wahoo FMP which covers the U.S. Exclusive Economic Zone (EEZ) from Maine through the Florida Keys. Thus, a change to the FMP has the potential to affect some fisheries in the EEZ along the entire U.S. Atlantic coast. The SAFMC serves as the lead fishery management council for the Dolphin Wahoo FMP but manages fisheries for dolphin and wahoo in cooperation with Mid-Atlantic Fishery Management Council (MAFMC) and New England Fishery Management Council (NEFMC) who provide input through membership on the South Atlantic Council's Dolphin Wahoo Committee.

Background

Initial request to consider bullet and frigate mackerel as ecosystem component species

In March 2018, the MAFMC requested that the SAFMC consider managing bullet mackerel and frigate mackerel as EC species in the Dolphin Wahoo FMP. The National Marine Fisheries Service had previously disapproved inclusion of the two species in the MAFMC's Unmanaged Forage Omnibus Amendment, citing concerns over inconsistency with National Standard 2 (Scientific Information) and an insufficient connection to that Council's FMPs.

After receiving a presentation on the presence of the two mackerel species in the diets of dolphin and wahoo and reviewing a white paper that provided additional information on adding ecosystem component species to an FMP, the South Atlantic Council voted in March 2019 to send this topic out for scoping to gather public input before deciding whether or not to move forward.

Bullet and frigate mackerel biology and connection to dolphin and wahoo

Bullet mackerel are also called bullet tuna (**Figure 1**). They can reach about 20 inches in length and resemble frigate mackerel. They feed on a variety of prey, especially clupeoids (i.e. herrings and sardines), crustaceans, and squids. Bullet mackerel are found nearly worldwide in warm waters. In the western Atlantic, they are found from Cape Cod to the Gulf of Mexico and often form schools (Collette and Klein-MacPhee 2002; Froese and Pauly 2016).



Figure 1. Photo of a bullet mackerel (*Auxis rochei*). Photo credit: www.ncfishes.com

Frigate mackerel are also called frigate tuna (Figure 2). They can reach two feet in length and form schools. They feed on a variety of fish, squids, and small crustaceans. In the western

Scoping Document April 2019 North Atlantic they are mostly found from North Carolina to Florida (Kells and Carpenter 2011, Froese and Pauly 2016).



Figure 2. Photo of a frigate mackerel (*Auxis thazard*). Photo credit: <u>www.ncfishes.com</u>

Both bullet and frigate mackerel (*Auxis* spp.) have been identified in the diets of dolphin and wahoo in the North Atlantic (Runderhausen et al. 2010; Poland 2014). Wahoo particularly have shown a strong reliance on bullet and frigate mackerel, with one study indicating that the *Auxis* species were the most dominant forage species observed by mass and number in the diets of wahoo (Poland 2014). While dolphin tend to have more diverse diets and a lower reliance on the *Auxis* species, bullet and frigate mackerel have been identified as important prey for dolphin at times (Runderhausen et al. 2010; Poland 2014).

Fisheries for bullet and frigate mackerel

According to data provided by a query of the landings database for the Atlantic Coast Cooperative Statistics Program (ACCSP), commercial landings of bullet and frigate mackerel over the past 20 years of available data (1998 through 2017) were only reported by dealers in the Mid-Atlantic and New England regions and were all reported as frigate mackerel. Bullet mackerel and frigate mackerel are similar in appearance and it is possible that some landings of bullet mackerel may have been misidentified as frigate mackerel. Additionally, federal observer data has included records of small amounts of bullet mackerel caught in bottom trawl tows which resulted in landings of longfin squid, black sea bass, and summer flounder, indicating that the species are caught in some commercial fishing operations as bycatch (MAFMC 2017). It is also possible that some landings of bullet mackerel were not captured at the species level by all trip ticket programs, with some landings of bullet mackerel being recorded in 2018 as a result of species codes being updated to allow reporting of the species specifically rather than at a more aggregate level.

Commercial landings of frigate mackerel are provided in **Table 1**. Commercial landings of have been variable but typically are relatively low, averaging 4,508 pounds (lbs) annually over the past twenty years of available data (1998 through 2017) and 1,677 lbs annually over the past ten years (2008 through 2017). Based on the relatively low annual landings in most years, it appears that frigate mackerel are typically caught incidentally to other species. The average exvessel price and value have been highly variable as well, with ex-vessel prices as low as \$0.16/lb to upwards of \$1.50/lb and annual ex-vessel values of less than \$538 to upwards of \$9,792 (2017 dollars). The species have largely been landed commercially using gill net, pound net, float trap, and otter trawl gears.

Year	Landings (lbs)	Ex-Vessel Value	Average Ex-Vessel Price
1998	2,989	\$664	\$0.22
1999	36,472	\$5,875	\$0.16
2000	19,682	\$9,792	\$0.50
2001	6,343	\$6,705	\$1.06
2002	1,714	\$1,763	\$1.03
2003	4,013	\$2,430	\$0.61
2004	*	*	*
2005	*	*	*
2006	*	*	*
2007	*	*	*
2008	*	*	*
2009	*	*	*
2010	*	*	*
2011	3,467	\$3,052	\$0.88
2012	457	\$538	\$1.18
2013	*	*	*
2014	5,674	\$6,215	\$1.10
2015	*	*	*
2016	894	\$1,342	\$1.50
2017	*	*	*
20-year average	4,508	\$2,391	\$0.93
10-year average	1,677	\$1,654	\$1.14

Table 1. Commercial landings, ex-vessel value, and ex-vessel price for frigate mackerel landed from the U.S. Atlantic Ocean, 1998-2017 (2017 dollars). * denotes confidential data.

Source: ACCSP Commercial Landings Query.

Recreational landings of bullet and frigate mackerel are provided in **Table 2**. Recreational landings have been variable and sporadic, averaging 1,159 lbs for bullet mackerel, 3,571 lbs for frigate mackerel, and 4,730 for both species combined annually over the past twenty years of available data (1998 through 2017). Recreational catches of bullet and frigate mackerel have largely occurred in the South Atlantic Region, with some limited catches reported from the Mid-Atlantic Region. Based on the relatively low annual landings, it appears that bullet and frigate mackerel are typically caught incidentally to other species. In most circumstances, the catch estimates are accompanied by relatively high PSEs, which is likely reflective of relatively few intercepts.

	Bullet Mackerel	Frigate Mackerel	Combined
Year	Landings (lbs)	Landings (lbs)	Landings (lbs)
1998	211	0	211
1999	0	0	0
2000	0	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	322	322
2011	166	0	166
2012	296	51,856	52,152
2013	0	17,592	17,592
2014	786	0	786
2015	0	1,618	1,618
2016	11,467	0	11,467
2017	10,247	34	10,281
20-year average	1,159	3,571	4,730
10-year average	2,296	7,142	9,438

Table 2. Recreational landings of bullet mackerel and frigate mackerel from the U.S. Atlantic Ocean, 1998-2017.

Source: ACCSP Recreational Landings Query.

Regulatory parameters for adding ecosystem component species to an FMP

There is no mention of "ecosystem component" in the Magnuson-Stevens Fishery Conservation and Management Act (MSA) itself, so the legal basis for the concept in the Act presumably is derived from multiple references to "ecosystem" and MSA Section 303(b)(12) authority for Councils "to conserve target and non-target species and habitats" through FMPs. The guidance from the MSA is somewhat limited as to the proper scope of any resulting regulatory measures from listing EC species, making it important for Councils to add EC species to an FMP in a logical and consistent manner, particularly if there are associated potentially restrictive regulations. Per the National Standard Guidelines (50 C.F.R §600 Subpart-D), Councils do have the option to establish EC species within an FMP if they determine that the species do not require conservation and management, but should be listed in an FMP in order to achieve ecosystem management objectives. In such a case, the National Standard Guidelines provide some guidance on factors that a Council should consider when determining whether species need conservation and management as well as whether species can be considered as ecosystem components. The following descriptions provide information on the definition of EC species and how EC species may be considered for addition to a FMP.

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What are ecosystem component species?

EC species are defined as "stocks that a Council or the Secretary has determined do not require conservation and management, but desire to list in an FMP in order to achieve ecosystem management objectives" (50 C.F.R §600.305(d)(13)). While the Dolphin Wahoo FMP has been involved in an ecosystem based amendment before through the SAFMC's Comprehensive Ecosystem-Based Amendment 1 (CE-BA 1), specific "ecosystem management objectives" have not been fully developed in the FMP. If the SAFMC decides to pursue the addition of EC species that are unmanaged prey of dolphin and wahoo, it may be helpful to specify ecosystem management objectives that these species may address.

NMFS has encouraged ecosystem-based fishery management where applicable and has offered guidance through an Ecosystem Based Fishery Management Policy that lists the following six guiding principles¹:

- 1. Implement ecosystem-level planning
- 2. Advance understanding of ecosystem processes
- 3. Prioritize vulnerabilities and risks to ecosystems and their components
- 4. Explore and address trade-offs within an ecosystem
- 5. Incorporate ecosystem considerations into management advice
- 6. Maintain resilient ecosystems

The SAFMC may choose to rely on some of these guiding principles when developing ecosystem management objectives. Since the prey element of the EC species is presumably the focus of adding bullet mackerel, frigate mackerel, and potentially other species, it appears that the SAFMC could focus on Principles 3, 5, and 6. Addressing unmanaged prey species as ecosystem components may reduce ecosystem risks, incorporate ecosystem consideration into management, and maintain a resilient ecosystem for dolphin and wahoo.

What should be considered when determining if a species or stock requires "conservation and management"?

According to National Standards General guidelines as found in 50 C.F.R §600.305(c)(1) "...a Council should consider the following non-exhaustive list of factors when deciding whether additional stocks require conservation and management:

(i) The stock is an important component of the marine environment.

- (ii) The stock is caught by the fishery.
- (iii) Whether an FMP can improve or maintain the condition of the stock.
- (iv) The stock is a target of a fishery.
- (v) The stock is important to commercial, recreational, or subsistence users.

(vi) The fishery is important to the Nation or to the regional economy.

(vii) The need to resolve competing interests and conflicts among user groups and whether an FMP can further that resolution.

(viii) The economic condition of a fishery and whether an FMP can produce more efficient utilization.

https://www.fisheries.noaa.gov/resource/document/ecosystem-based-fisheries-management-policy

¹ NMFS Ecosystem-Based Fisheries Management Policy can be accessed at:

(ix) The needs of a developing fishery, and whether an FMP can foster orderly growth.

(x) The extent to which the fishery is already adequately managed by states, by state/Federal programs, or by Federal regulations pursuant to other FMPs or international commissions, or by industry self-regulation, consistent with the requirements of the Magnuson-Stevens Act and other applicable law."

If it is determined that a stock requires conservation and management then "such stocks must have ACLs, other reference points, and accountability measures. Other stocks that are identified in an FMP (i.e., EC species or stocks that the fishery interacts with but are managed primarily under another FMP)...do not require ACLs, other reference points, or accountability measures" (50 C.F.R §600.310(d)(1)).

How can a Council designate species as ecosystem components?

Under National Standards General guidelines, "Councils may choose to identify stocks within their FMPs as ecosystem component (EC) species ... if a Council determines that the stocks do not require conservation and management based on the considerations and factors in paragraph (c)(1) of this section. EC species may be identified at the species or stock level, and may be grouped into complexes. Consistent with National Standard 9², MSA section 303(b)(12)³, and other applicable MSA sections, management measures can be adopted in order to, for example, collect data on the EC species in the ecosystem, and/or to address other ecosystem issues" (50 C.F.R §600.305(c)(5)). In the case of frigate and bullet mackerel, it appears that the species may have the potential to be listed as EC species if the Council and the Secretary of Commerce agree that the species do not fit the requirements for implementing conservation and management measures but are important in relation to ecosystem management of dolphin or wahoo stocks in the U.S. Atlantic Exclusive Economic Zone.

Mechanisms for adding prey species as ecosystem components

To add an EC species to a FMP, an amendment must take place. Some Councils, such as the Pacific and Mid-Atlantic, have designate EC species through a comprehensive amendment that added EC species to multiple FMPs at once. This is not required and a Council can add EC species to a single FMP.

How councils have designated unmanaged prey species as ecosystem components

Mid-Atlantic Fishery Management Council

The MAFMC developed an Unmanaged Forage Omnibus Amendment intended "to prohibit the development of new and expansion of existing directed commercial fisheries on unmanaged forage species in mid-Atlantic federal waters until the Council (MAFMC) has had an adequate

² National Standard 9 covers bycatch.

³ From MSA 303(b)(12) when discussing discretionary provisions of an FMP: "include management measures in the plan to conserve target and non-target species and habitats, considering the variety of ecological factors affecting fishery populations."

opportunity to assess the scientific information relating to any new or expanded directed fisheries and consider potential impacts to existing fisheries, fishing communities, and the marine ecosystem" (MAFMC 2017). This amendment comprehensively implemented management measures for 17 species and groups of species, with 16 of the species or species groups being designated as ecosystem components in all of the MAFMC's FMPs. The amendment established a possession limit for all EC species combined, along with permit, transit, and reporting provisions and became effect September 27, 2017. The following specific measures were implemented⁴:

- <u>Possession limit</u>: A 1,700 pound possession limit for all EC species combined.
- <u>Permit</u>: Requirement that all commercial vessels and operators that catch and/or possess EC species be issued a commercial vessel and operator permit from NMFS.
- <u>Transit provisions</u>: Allows commercial vessels to transit the Mid-Atlantic Forage Species Management Unit, which covers an area from approximately Hatteras, North Carolina through Connecticut, with an amount of EC species onboard that exceeds the possession limit to land in a port outside of the management unit provided that the fish were harvested outside of the management unit and that all gear is stowed and not available for immediate use while transiting.
- <u>Record keeping and reporting</u>: Requires vessel operators and seafood dealers to report the catch and sale of EC species on existing vessel trip reports and dealer reports.

EC species included in the amendment were anchovies, argentines/smelt herring, greeneyes, halfbeaks, lanternfish, round herring, scaled sardine, Atlantic thread herring, Spanish sardine, pearlsides/deepsea hatchetfish, sand lances, silversides, cusk-eels, Atlantic saury, unmanaged pelagic mollusks except sharptail softfin squid, and species under 1 inch as adults (Copepods, krill, and amphipods). While initially proposed for inclusion in this amendment, frigate mackerel (*Auxis thazard*) and bullet mackerel (*Auxis rochet*) were excluded before the amendment's implementation, with NMFS citing concerns over inconsistency with National Standard 2⁵ and an insufficient connection to the MAFMC's managed species. At least part of the concern over National Standard 2 appears to be based on the two mackerel species falling outside of the guidelines for defining forage species that were developed by the MAFMC's Scientific and Statistical Committee (SSC).

Pacific Fishery Management Council

The Pacific Fishery Management Council (PFMC) developed a Comprehensive Ecosystem-Base Amendment 1 (CEBA 1), effective May 4, 2016, that "prohibits the development of new directed fisheries on forage species that are not currently managed by the Council (PFMC), or the States, until the Council (PFMC) has had an adequate opportunity to assess the science relating to any proposed fishery and any potential impacts to our existing fisheries and communities." It is stated that the amendment "is not a permanent moratorium on fishing for forage fish. Instead, the Council (PFMC) adopted COP (Council Operating Procedure) 24, which outlines a review process for any proposed fishery" (PFMC 2016). COP 24 provides a standard process for the PFMC, advisory bodies, and the public to consider EFP proposals for EC species

⁴ As outlined on the MAFMC's website at: <u>http://www.mafmc.org/actions/unmanaged-forage</u> ⁵National Standard 2 covers scientific information.

intended to develop scientific information that may lead to potential future directed fisheries for one or more of the EC species⁶ (PFMC 2016).

CEBA 1 included round herring, thread herring, mesopelagic fishes of the families *Myctophidae, Bathylagidae, Paralepididae,* and *Gonostomatidoae,* pacific sand lance, pacific saury, silversides, smelts of the family *Osmeridae,* and pelagic squids. The stated rationale of the PFMC to identify these species and groups of species for inclusion as EC species was "to address "other ecosystem issues," because these species are the broadly used prey of marine mammal, seabird, and fish species in the U.S. West Coast EEZ. Shared EC Species are among the known prey of FMU species of all four of the Council's FMPs; therefore, Shared EC Species support predator species' growth and development..." (PFMC 2016). CEBA 1 amended four of the PFMC's finfish FMPs and according to the amendment document, no new directed fishing can begin for EC species without a Council-related process to develop an exempted fishing permit. EC species can continue to be taken incidentally and landed or discarded, unless regulated or restricted for other purposes, such as with bycatch minimization regulations. The prohibition on directed commercial fisheries for EC species the following specific measures⁷:

General measures:

- <u>Retention limit</u>: A prohibition on landing EC species without any other species onboard.
- <u>Trip limit</u>: A vessel trip limit of 10 metric tons combined weight of all EC species onboard.
- <u>Annual limit</u>: An annual vessel limit of 30 metric tons combined weight of all EC species in a calendar year.
- <u>Processing limitation</u>: A prohibition, with limited exceptions, of at-sea processing of EC species.

Trawl gear measures:

- <u>Trip limit</u>: A vessel trip limit of 1 metric ton combined weight of all EC species onboard, with the exception of EC squid species.
- <u>Annual limit</u>: An annual vessel limit of 40 metric tons combined weight of any EC squid species in a calendar year.

No long-term directed EEZ fisheries are possible for the listed EC species without a future FMP amendment to specify the targeted species as a fishery management unit (FMU) species and to meet Magnuson-Stevens Act requirements for FMU species, which include: developing harvest specifications, identifying essential fish habitat (EFH) for the species, and providing gear specifications for the fishery (PFMC 2016).

North Pacific Fishery Management Council

The North Pacific Fishery Management Council (NPFMC) recently classified squids as EC species through amendments to their Bering Sea Aleutian Islands (BSAI) Groundfish and Gulf of Alaska (GOA) Groundfish FMPs (NPFMC 2018a and 2018b). The NPFMC noted that "squid are important prey species for marine mammals, fish, and other squid" and "although squid do not require conservation and management, it is still appropriate to take measures to minimize

⁶ The PFMC's COP 24 can be found at: <u>http://www.pcouncil.org/wp-content/uploads/2015/12/cop24.pdf</u> ⁷ As outlined in Federal Register implementing CEBA 1: <u>http://www.pcouncil.org/wp-</u>

squid bycatch to the extent practicable. This is consistent with Nation Standard 9 and the Councils (NPFMC) long-standing practice of minimizing the bycatch of species such as forage fish and grenadiers that are important to the ecosystem but that do not require conservation and management" (NMFS 2018).

In addition to classifying squids as EC species, the two amendments prohibited directed fishing for squids in the BSAI or GOA groundfish fisheries, maintained record keeping and reporting requirements to record and report catches of squids, and specified retention limits for squids. These amendments became effective on August 6, 2018. Specific measures were as follows⁸:

- <u>Record keeping and reporting:</u> catch, discard, and production of squid must be recorded in logbooks or on catch or production reports.
- <u>Retention limit:</u> the maximum retainable amount of squid is not to exceed 20 percent of the total landings retained.

South Atlantic Fishery Management Council

While not directly implemented due to concerns over the protection of prey species, the SAFMC has listed several EC species in the Snapper Grouper FMP, including longspine porgy, cottonwick, ocean triggerfish, bank sea bass, and rock seabass. There are no regulations associated with the EC species listing, but the listing has prioritized the species for continued data collection that may help with future ecosystem modeling and ecosystem-based fishery management efforts.

Implications of listing a prey species as an ecosystem component in an FMP

The implications of listing a prey species as an ecosystem component varies and is highly dependent on the management measures put in place around that species. In general, doing so recognizes the ecosystem role of the species as prey for species that a Council directly manages and can encourage resiliency of a specified Council-managed stock. Based on measures that other Councils have implemented, listing EC species can provide protection for the species from directed effort or an unexpected rapid ramp-up in landings while allowing for orderly growth in such fisheries if desired. If bycatch is a concern, then this can also be addressed when listing EC species. Listing a species as an ecosystem component may also prioritize it for research and monitoring. This may come as a potential cost to some fishery participants through a cap on potential revenue streams and to a Council and NMFS by dedicating resources to listing EC species in an FMP, implementing any resulting regulations, and providing monitoring.

Potential options for addressing EC species

As shown through past actions of the SAFMC and other Councils, there are several options that the SAFMC may have if designating prey species as ecosystem components. The seemingly

⁸ As outlined in Federal Register implementing BSAI Groundfish Amendment 117 and GOA Groundfish Amendment 106: <u>https://www.federalregister.gov/documents/2018/07/06/2018-14457/fisheries-of-the-exclusive-economic-zone-off-alaska-reclassifying-squid-species-in-the-bsai-and-goa</u>

flexible guidance that is provided in parts of the Nation Standard Guidelines appears to also encourage "out of the box" thinking on the part of Councils wishing to list EC species provided that ideas remain within the existing constraints. While not an exhaustive list, it appears that the SAFMC may have the following general options in **Table 3** when considering listing bullet and frigate mackerel as ecosystem components in the Dolphin Wahoo FMP based on how other Councils have addressed adding unmanaged prey as EC species to FMPs within their jurisdiction.

Options	Description		
1) Request guidance from the	Request guidance from the SSC on identifying prey species to be		
SSC	listed as ecosystem components.		
2) Designate EC species with no management related items	Designate EC species with no management related items such as trip or possession limits. This is similar to actions taken to list some snapper grouper species as EC species in the Snapper Grouper FMP and may elevate the importance of the species for research and monitoring purposes.		
3) Prohibit or limit a directed fishery (trip limit)	Prohibit directed fisheries for designated EC species by establishing a trip limit which can be based on a total amount or a percent of total trip landings. This trip limit can apply across all gears or can focus on specific gears.		
4) Prohibit or limit a directed	Prohibit directed fisheries for designated EC species by establishing		
fishery (annual vessel limit)	an annual vessel limit.		
5) Implement a reporting requirement	Establish or focus reporting requirements towards EC species such as through logbooks or dealer reports.		
6) Implement a permit			
requirement	Establish permit requirements for landing EC species.		
7) Implement a protocol for building directed fisheries for EC species	Establish a mechanism or protocol for allowing the development of a directed fishery for species listed as ecosystem components.		
8) Other options???	Under National Standards General guidelines "management measures can be adopted in order toaddress other ecosystem issues." Are there "other ecosystem issues" not listed that need to be addressed in the Dolphin Wahoo FMP and what management measures could be created to do so?		

Table 4. Potential options for listing unmanaged prey species as ecosystem components in the I	Joiphin
Wahoo FMP.	-

Public Input Questions (What do you think?)

1) Should the South Atlantic Council continue to consider adding bullet mackerel and frigate mackerel as ecosystem component species in the Dolphin Wahoo Fishery Management Plan?

2) If so, what options should the South Atlantic Council consider when adding the two mackerel species to the Dolphin Wahoo Fishery Management Plan as ecosystem components?

3) Are there other issues not covered that the South Atlantic Council should consider in relation to listing bullet and frigate mackerel as ecosystem component species?

Potential Timing

Process Steps	Dates
Scoping webinar hearings	April 2019
Review scoping comments and decides how to move forward	June 2019
Review options paper	September 2019
Review draft amendment including action/alternatives	December 2019
Review revised actions/alternatives and approve amendment for	
public hearings	March 2020
Public hearings	Spring 2020
Review public hearing comments and approve all actions/alternatives	June 2020
Final action to approve amendment for Secretarial review	September 2020
Final rule publishes	Spring 2021

Please let the Council know your opinion! Opportunities to provide public comment to the Council include the scoping webinars, Council meetings, and public hearings. There will also be opportunities to submit written comments via the online comment form throughout the process.

Want to provide your comments? Want to learn more? Attend a webinar! Watch a video!

Scoping Webinars

Staff presentations and Q&A followed by an opportunity to provide your comments on the record for the Council to review. **We will have two sessions, each starting with the staff presentation**

> May 7, 2019 – starting at 6pm (Register <u>HERE</u>) May 9, 2019 – starting at 6pm (Register <u>HERE</u>)

Don't forget! Registration is required!

Scoping summary document, presentation, and video are available here.

Can't attend the webinars but still want to submit a comment? Here's how!

Submitting Written Comments:

<u>Comments online:</u> Use our online public comment form, available <u>HERE</u>. *Note: The Council requests that written comments be submitted using the online public comment form.*

<u>Comments by mail:</u> Gregg Waugh, Executive Director, South Atlantic Fishery Management Council 4055 Faber Place Drive, Suite 201 North Charleston, SC 29405

> Comments by fax: (843) 769-4520

Comments received by <u>5:00 PM on May 16, 2018</u>, will be included in the Scoping Comment Overview under the Dolphin Wahoo Committee for the June 2018 Council Meeting Briefing Book and included in the administrative record.

Comments received between May 17 and June 14, 2018, at 12:00 noon will still be available for the Council members and public to view on the SAFMC website and included in the administrative record, but will not be included in the Scoping Comment Overview for the Briefing Book.

Questions about adding bullet and frigate mackerel to the Dolphin Wahoo FMP?

Contact:

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Questions about the South Atlantic Council?

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