

GULF OF MEXICO FISHERY MANAGEMENT COUNCIL
HABITAT PROTECTION AND RESTORATION COMMITTEE

Renaissance New Orleans Pere Marquette New Orleans, Louisiana

January 27, 2025

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PAGE 29: Motion to approve the draft council comment letter with the revised language. The motion carried on page 30.

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1 The Habitat Protection and Restoration Committee of the Gulf of
2 Mexico Fishery Management Council convened at The Renaissance New
3 Orleans Pere Marquette in New Orleans, Louisiana on Monday morning,
4 January 27, 2025, and was called to order by Chairman Michael
5 McDermott.

6
7 **ADOPTION OF AGENDA**
8 **ACTION GUIDE AND NEXT STEPS**
9

10 **CHAIRMAN MICHAEL MCDERMOTT:** I would like to call the Habitat
11 Protection and Restoration Committee to order. Members of the
12 committee are myself, Dr. Banks, Mr. Anson, Mr. Osborne, Dr.
13 Overton, Mr. Geeslin, and General Spraggins, and Mr. Strelcheck.
14 Can I get a motion to approve the November 2024 minutes? Motion
15 by Dr. Banks.

16
17 **GENERAL JOE SPRAGGINS:** Second.

18
19 **CHAIRMAN MCDERMOTT:** Seconded by General Spraggins. Anybody
20 opposed to the approval of the November 2024 minutes? Not seeing
21 any motion, the motion passes. We've got an action guide and next
22 steps by Ms. Gardiner.

23
24 **PRESENTATION: UPDATE ON EFH GENERIC AMENDMENT 5**
25

26 **MS. SARAH GARDINER:** Thank you, Mr. Chair. I'll walk through the
27 action guide, agenda-item-by-agenda item. So, first up this
28 morning, we'll be receiving a presentation by myself on the Generic
29 Amendment 5 Essential Fish Habitat Progress Update.

30
31 The council is developing a generic amendment to update EFH
32 descriptions for managed finfish, shrimp, and spiny lobster
33 species. Staff will provide a presentation updating the council
34 on the progress of the amendment and review the proposed timeline.
35 The presentation will include the proposed methods for defining
36 EFH, which incorporate the recently contracted work completed by
37 Dr. Bridgette Froeschke, and the council should ask questions and
38 provide feedback to staff at this time. With that, Bernie, if you
39 can pull up the presentation, and I'll get started on that.

40
41 This is just a progress update for the council, to kind of get a
42 pulse check on where we're at with this amendment and what work
43 has been completed in the past. It's been planned for the last
44 couple of years, and so I kind of wanted to bring it back to the
45 council so that it could be on the forefront of folks' minds as we
46 start to bring some of this work forward in the next couple of

1 council meetings.

2

3 Essential fish habitat, the five-year review is a mechanism to
4 ensure NOAA Fisheries and fishery management councils incorporate
5 the most recent and best science available into fishery management
6 for EFH, and so this is something that all councils do. It's
7 required in regulations, and we should be doing it every five
8 years.

9

10 The Gulf Council's most recent EFH was conducted in 2016, and so
11 there's ten components of the EFH five-year review, that I'll walk
12 through on the next slide, but each five-year review should kind
13 of look at these amendments, or these components, and then consider
14 whether they need modifications or updating during the five-year
15 review.

16

17 I will note that something that's different, that our council does,
18 is that every time we don't -- Every time we do a five-year review,
19 it doesn't result in an amendment, and so the last two five-year
20 reviews weren't amendment updates, but this one is warranting an
21 amendment update, just because it's quite a bit outdated, and the
22 most recent amendment update was in 2005, with the Generic
23 Amendment 3.

24

25 These are the ten components of an EFH five-year review. I would
26 say the most noteworthy component, or the one that's most utilized
27 most often within the council, and for EFH consultations, is
28 Component 1, which is EFH descriptions and identifications to the
29 text and maps for species that identify where EFH exists. The
30 other components are included in the five-year review, and we
31 update these as well as we move through the amendment process.

32

33 EFH is most commonly used in this region for consultations with
34 our federal agency partners for regulatory permits and civil works
35 of the Army Corps of Engineers, consultations for BOEM, wind, oil
36 and gas, and aquaculture development, and these consultations are
37 used to see, you know, if these potential proposed projects would
38 interact with any EFH for any of our species or species life
39 stages, and so having the most updated, and most precise,
40 information on species EFH, by life stages, does help with the
41 consultation process, in being able to recognize the impacts that
42 any of these proposed projects would have on potential EFH
43 environments, which would overall benefit the stock health and
44 condition and just have more information, and a better pulse check
45 on where and why and what species exist in their life stages might
46 provide better fishing opportunities, and more access, just with

1 more information.

2

3 This is a timeline on kind of the work that's been done so far,
4 and so, starting in 2021, the SSC reviewed the methods that were
5 proposed for updating the EFH and recommended more updated benthic
6 habitat layers.

7

8 A draft document was brought to the council, in January of 2022,
9 to review the proposed actions for Generic Amendment 5 and
10 determine the contract work to update the benthic habitat. In
11 2023 and 2024, this contracted work by Dr. Froeschke was presented,
12 and so that was at the November council meeting. She kind of
13 brought forward all the work that her and her team had been working
14 on to update the benthic habitat layers and compile that
15 information.

16

17 That information is going to be used for the generic amendment,
18 and that leads us to here, where I'm providing an update on the
19 progress of the amendment and kind of how we plan to incorporate
20 that information.

21

22 This was the draft purpose and mean that was brought to the council
23 in January of 2022. I don't think it needs to be amended at this
24 time, but the council could certainly weigh-in on that, but the
25 purpose is to review and amend the description and identification
26 of EFH for the Shrimp, Reef Fish, Coastal Migratory Pelagic, Spiny
27 Lobster, and Red Drum Gulf FMPs.

28

29 The need is to consider contemporary habitat and species presence
30 data sources, along with advances in computational modeling
31 techniques, to update the description and identification of EFH
32 originally adopted in EFH Generic amendment 3. All that to say
33 we're looking at really updating this EFH texts and maps with more
34 and better updated information to this point.

35

36 I briefly want to walk through kind of the anticipated workload on
37 staff, and kind of maybe walk through what our timeline might look
38 like, and so, when updating these EFH descriptions and
39 identifications, texts, and maps, there's going to be forty
40 species, across four different life stages, and so we'll be
41 compiling about 120 maps for EFH.

42

43 That might take quite a bit of time, but we're hoping to use some
44 of the information that Dr. Froeschke compiled and then previous
45 literature reviews from the last two EFH five-year reviews to get
46 those maps updated.

1
2 This is an example of the gag adult EFH, what that type of map
3 would look like, and so we'll be doing this for all forty species
4 across the four different life stages, and it would be a huge
5 improvement compared to our current EFH definitions, which kind of
6 are not as finite, and a little bit more broad-scaled, and so it
7 would be helpful to be able to identify these additional regions.
8 These maps are still under construction, but I did want to pull
9 one up as an example, just to show folks what we're looking at for
10 the maps that I'm going to be bringing forward.

11
12 In addition to those maps, we'll be updating these habitat
13 attribute tables. I know this is really small. You don't really
14 need to look at it, but this is just showing the scale of what
15 we'll be updating for all forty species, and so this is kind of
16 the literature review that's based off the work that was done in
17 2016, and then this was again updated in 2020, and so staff will
18 be walking through this table for each of the forty species and
19 conducting a thorough literature review, to make sure all habitat
20 information is updated in these.

21
22 This is the forward-looking timeline. We're hoping to bring back
23 a draft document in June, and then the SSC will review the methods,
24 and the results, of some of the work that we're doing to compile
25 the EFH maps and text descriptions sometime in 2025.

26
27 This is a heavier lift, and so we're anticipating that the document
28 might have quite a few iterations to bring back towards the
29 council, and so there's no action for the council to take, but I
30 did want to provide just an informational update to the council on
31 what we're going to be bringing back, kind of what that looks like,
32 and then the potential timeline, to put it on the radar and give
33 folks the opportunity to provide any insight or comments at this
34 time, as we're moving through this iterative process, and, with
35 that, I'll take any questions. Thank you.

36
37 **CHAIRMAN MCDERMOTT:** All right. It looks like there's no
38 questions, and so we're going to move on to the proposed
39 aquaculture opportunity area presentation. Mr. Strelcheck.

40
41 **MR. ANDY STRELCHECK:** Not a question, but mostly just a few
42 comments. First, Sarah, thank you for the presentation. I think
43 we're, you know, building some momentum, or continuing some
44 momentum, on this, and so that's positive, from our vantage point.

45
46 A couple of things that I wanted to note, and so, with the kind of

1 work that's ongoing, right, and so, with EFH in the past, I think
2 it's been viewed maybe that we've been overly inclusive, in terms
3 of including everything that could be considered habitat, and now
4 with the modeling results, right, there's going to be maybe more
5 spacing on the maps, and more information, that shows, obviously,
6 you know, that we're being more descriptive, with regard to the
7 specific habitat, and so I think there's a balance there, and
8 that's important.

9

10 I know the council focuses heavily, obviously, on the offshore
11 environment. When we consult on essential fish habitat, I would
12 say a bulk of the Fishery Service's work is actually on inshore
13 and nearshore habitat, and so just don't lose sight of that, in
14 terms of the essential fish habitat work that we're doing, and
15 make sure that it's comprehensive, obviously, because that's where
16 a bulk of the work continues to occur now.

17

18 I just wanted to kind of note that, and then my team's been,
19 obviously, happy to work with you, and we'll continue to,
20 obviously, provide, you know, input, and ideas, as we move along
21 in this process, but I think we're making great progress on it.
22 Thanks.

23

24 **CHAIRMAN MCDERMOTT:** All right. Any other questions, or comments,
25 about the EFH? Dr. Sweetman.

26

27 **DR. C. J. SWEETMAN:** Thank you, Mr. Chair. I'm not on your
28 committee, and maybe a question for you, Sarah, and so, just kind
29 of reading the anticipated work, as it goes for EFH, am I
30 interpreting this correctly, that we are trying to create like 120
31 maps, basically, for thirty-one reef fish species, CMP species,
32 red drum, spiny lobster, and that includes egg, larvae, juvenile,
33 and adult, and do we actually have enough information for all of
34 that?

35

36 **MS. GARDINER:** Thanks for the question. Yes, you're correct in
37 interpreting that. For some species we do. For some, that
38 information is just not known, and so that's kind of what we're
39 doing in the habitat attribute tables, is going through that
40 literature review to determine if that information is known, and
41 then are we able to turn that into a map, and so some might have
42 all four, and I think that's what we're shooting for, but some
43 just might be unknown.

44

45 For some species, that have not had any updated literature, or
46 data that would show any updates to their maps, there may be no

1 changes, and I plan on kind of documenting those as we move through
2 the process as well.

3
4 **CHAIRMAN MCDERMOTT:** All right. Any other questions, or comments,
5 on the EFH? I don't see any, and so I guess we'll move on to this
6 aquaculture opportunity areas presentation and Mr. Richard.

7
8 **PROPOSED AQUACULTURE OPPORTUNITY AREAS (AOAs) PROGRAMMATIC**
9 **ENVIRONMENTAL IMPACT STATEMENT (PEIS)**

10
11 **MS. GARDINER:** Thank you, Mr. Chair, and I'll just walk through
12 the action guide for this. Mr. Andrew Richard, from the National
13 Marine Fisheries Service, will provide a presentation summarizing
14 the recent draft Aquaculture Opportunity Areas Programmatic
15 Environmental Impact Statement document.

16
17 The AOA PEIS comment period is open until Thursday, February 20,
18 2025, and, following Mr. Richard's presentation, I'll provide a
19 summary of the draft comment letter that's attached on the website
20 for council review. The council should review the draft AOA PEIS,
21 attached draft comment letter, and provide any additional
22 feedback. We'll just pull up the presentation, Bernie, and thank
23 you.

24
25 **MR. ANDREW RICHARD:** First off, thank you to the Habitat Protection
26 and Restoration Committee for providing me the opportunity to
27 present on our Draft Programmatic Environmental Impact Statement
28 to Identify Aquaculture Opportunity Areas in the Gulf. My name is
29 Andrew Richard. I am one of the two Regional Aquaculture
30 Coordinators for NOAA Fisheries Southeast Regional Office, based
31 out of St. Petersburg, Florida. I'm also the regional lead on the
32 effort to identify aquaculture opportunity areas in the Gulf.

33
34 I'll start off by giving a little bit of an overview and a little
35 bit of a history of the process on aquaculture opportunity areas,
36 and then I'll discuss the Draft Programmatic Environmental Impact
37 Statement and then provide an overview of the public review and
38 comment period.

39
40 The executive order that directed NOAA to identify aquaculture
41 opportunity areas was signed in May of 2020, the Executive Order
42 Promoting American Seafood Competitiveness and Economic Growth.
43 Under Section 7 of that executive order, it directed the Secretary
44 of Commerce to identify geographic areas suitable for commercial
45 aquaculture, or aquaculture opportunity areas, and then to
46 complete a Programmatic Environmental Impact Statement to assess

1 the impacts of doing so.

2

3 The Gulf of Mexico, along with southern California, were first
4 selected as the first two regions where aquaculture opportunity
5 areas would be identified. Four of the reasons the Gulf of Mexico
6 was selected was a history of aquaculture permitting and
7 environmental review, as well as available spatial data,
8 cooperation and interagency coordination across the federal
9 agencies, also industry interest, and a long history of engagement
10 with stakeholders on aquaculture in the Gulf.

11

12 So what is an aquaculture opportunity area? An aquaculture
13 opportunity area, or AOAs, are defined geographic areas that have
14 been evaluated to determine their potential suitability for
15 commercial aquaculture development.

16

17 Aquaculture opportunity areas are potentially suitable for all
18 types of aquaculture, finfish, shellfish, seaweed, or multispecies
19 aquaculture, and the goal is to identify spaces in the ocean that
20 are economically, environmentally, and socially suitable for
21 aquaculture development.

22

23 These areas are identified using a combination of marine spatial
24 analysis, scientific analysis, as well as extensive stakeholder
25 engagement, and these aquaculture opportunity areas are only
26 identified following the completion of a Final Programmatic
27 Environmental Impact Statement and the signing of a record of
28 decision.

29

30 Identifying aquaculture opportunity areas in the Gulf, NOAA is
31 considering identifying a one or more aquaculture opportunity
32 areas in federal waters of the Gulf. That Programmatic
33 Environmental Impact Statement assesses the beneficial and adverse
34 impacts of identifying aquaculture opportunity areas, as well as
35 the potential impacts of future aquaculture operations sited
36 within those areas.

37

38 Then one of the main takeaways from this process is that
39 identifying aquaculture opportunity areas is a planning process.
40 There's no projects that are attached to it. There's no farms
41 that are being evaluated under this process. It's merely looking
42 for those spaces and creating a foundation to inform future
43 permitting and environmental decisions for aquaculture operations
44 in the Gulf.

45

46 This is a timeline of the Gulf of Mexico aquaculture opportunity

1 area process. You can see, in May of 2020, the executive order
2 was signed. Shortly after that, the Gulf of Mexico -- In August
3 of 2020, the Gulf of Mexico was selected as one of those first two
4 regions where aquaculture opportunity areas would be identified.

5
6 In October of 2020, there was a request for information to inform
7 the development of the Notice of Intent for the aquaculture
8 opportunity areas, as well as asking stakeholders to provide input
9 on potential next regions for aquaculture opportunity areas.

10
11 During that time, we had extensive stakeholder engagement, and we
12 were supporting the National Center for Coastal Ocean Science in
13 the development of the Aquaculture Opportunity Atlas. We had over
14 200 stakeholder meetings, with stakeholders across all different
15 sectors, including commercial and recreational fishing
16 communities.

17
18 In November of 2020, NCCOS published the Aquaculture Opportunity
19 Atlas for the Gulf of Mexico, and then, in June of 2022, a Notice
20 of Intent was published to kick off the public scoping process to
21 develop the Programmatic Environmental Impact Statement. We
22 provided a presentation on the results of the atlas, as well as
23 the Notice of Intent, in June of 2020, to the council, in Fort
24 Myers.

25
26 Then we worked on publishing a public scoping summary that captured
27 the public comments and input that we received during the public
28 scoping process, and we published that on our website.

29
30 During that time, between then and now, we worked on preparing the
31 Draft Programmatic Environmental Impact Statement, and that was
32 published in November of 2024. It initiated a ninety-day public
33 comment period that will run until February 20. Once that public
34 comment period concludes, we'll review the comments that we
35 received and work on preparing a Final Programmatic Environmental
36 Impact Statement, as well as a response to comments.

37
38 Right now, we anticipate publishing a Final Programmatic
39 Environmental Impact Statement, and those response to comments,
40 sometime this summer, of 2025, and a record of decision soon to
41 follow that.

42
43 Interagency coordination was a huge part of this process to develop
44 the Programmatic Environmental Impact Statement, and we worked
45 really closely with our federal agency partners, our cooperating
46 agencies, the U.S. Army Corps of Engineers, the U.S. Air Force,

1 and the U.S. Environmental Protection Agency. We also worked with
2 our participating agencies who had expertise in aquaculture in
3 other industry sectors, the Bureau of Ocean Energy Management,
4 U.S. Fish and Wildlife Service, and U.S. Coast Guard.

5
6 So the purpose and need of the Draft Programmatic Environmental
7 Impact Statements apply a science-based approach to identifying
8 aquaculture opportunity areas in federal waters of the Gulf, to
9 meet the directives of the executive order to address increasing
10 demand for seafood, facilitating long-term planning for offshore
11 aquaculture development, and to address the interest and concerns
12 regarding offshore aquaculture siting.

13
14 It was also to promote American seafood competitiveness, food
15 security, economic growth, and supporting the development of
16 domestic commercial aquaculture, while sustaining and conserving
17 the marine resources, consistent with the applicable laws,
18 regulations, and policies.

19
20 The proposed action is to identify locations, or aquaculture
21 opportunity areas, that may be suitable for siting multiple future
22 offshore aquaculture operations in federal waters of the Gulf, and
23 to evaluate the potential impacts of identifying aquaculture
24 opportunity areas, as well as the impacts of aquaculture operations
25 sited within those locations.

26
27 The Draft Programmatic Environmental Impact Statement analyzes the
28 potential impacts of identifying up to five aquaculture
29 opportunity areas in federal waters of the Gulf, and it discusses
30 those potential impacts.

31
32 This action does not change any of the existing permitting,
33 authorization, consultation, environmental review process for
34 offshore aquaculture operations in the Gulf of Mexico. As I
35 mentioned, it's a planning effort, and so it's not a regulatory
36 action. It doesn't change any of that.

37
38 Aquaculture operations that are sited within AOAs would undergo
39 that permitting and environmental review process individually,
40 once those projects are proposed. Again, this action does not
41 propose to evaluate or authorize any individual aquaculture
42 projects or specific aquaculture projects. Once again, it's just
43 a planning effort, to look for spaces where aquaculture development
44 can occur in areas that are not a conflict with natural resources
45 or other ocean user groups.

1 I mentioned the Aquaculture Opportunity Atlas. That was a real
2 key piece of the puzzle, as we're looking to identify aquaculture
3 opportunity areas. It was published in November of 2021, and, at
4 the time, it was the most comprehensive marine spatial planning
5 ever conducted in U.S. federal waters.

6
7 For aquaculture opportunity areas, it considered more than 220
8 different data layer, and it consisted of more than 150 maps. The
9 document was reviewed, and -- It was reviewed by the Center for
10 Independent Experts, which brought in experts from around the world
11 to review the document, and it really was built under comprehensive
12 stakeholder engagement, all throughout that process, meaning the
13 stakeholders -- To find the data that they held, and then also to
14 make sure that were interpreting it right in the development of
15 the Atlas, and so this was really a key effort, using this marine
16 spatial planning in this way, and thanks to fishery stakeholders,
17 and this is how it was carried forward for other ocean industry
18 uses in the Gulf of Mexico.

19
20 This is just an example of how the suitability modeling within the
21 atlas works. Traditionally, you start off with an area of
22 interest, or you start off with a study area, which is the
23 technical parameters where you're looking to begin your spatial
24 analysis.

25
26 For us in the Gulf of Mexico, and for aquaculture opportunity
27 areas, that was an area around the Gulf of Mexico in federal waters
28 within the fifty to 150-meter isobath, all the way around the Gulf,
29 all the way from Texas, all the way down into Florida, and so this
30 marine spatial suitability process is a series of sub-models that
31 are built to contain the different data layers.

32
33 Within those data layers, those areas are scored for their
34 suitability with aquaculture development, and so areas that are
35 not suitable receive scores of zero, and the most suitable scores
36 of one, and it considers that data across all those different
37 levels, and then the product of those different data layers being
38 overlaid over top of one another shows the complexity of those
39 ocean spaces and their potential suitability for aquaculture.

40
41 You can see, on the map there, the areas in red are areas that are
42 not suitable for aquaculture development, and those lighter areas,
43 lighter colors and blue areas, are areas that would be suitable.

44
45 I mentioned, you know, we had this very large area that we started
46 off with in the Gulf of Mexico to identify aquaculture opportunity

1 areas, and, from that, and from the spatial suitability modeling,
2 you received this final suitability model, and it shows the areas
3 in red are areas that are not suitable, and so we started with a
4 very large area, and, based on a number of different factors, like
5 military use and natural resource considerations, you sort of
6 winnow down the area to these very small blue areas that you can
7 see in there that are the areas that are potentially highly
8 suitable and areas that were carried forward as potential options
9 for aquaculture opportunity areas.

10
11 This map is a sort of a blow up of those light blue areas, and,
12 from those blue areas, there was a precision siting model that was
13 run to pull forward the top nine AOA options from throughout the
14 Gulf of Mexico and so, from that whole entire area, you end up
15 with about 13,500 acres, nine areas, three in the western region,
16 three in the central region and three in the eastern region, and
17 those areas range between 2,000 and 500 acres each.

18
19 These were the preliminary alternatives that were proposed in the
20 Notice of Intent. We asked stakeholders for feedback on if this
21 approach seemed like a sound one, and the feedback that we received
22 was, you know, the atlas had a lot of really great information,
23 and those areas should be carried forward for consideration, and
24 so, following the conclusion of that public comment period, and
25 public scoping period, we met with our interagency partners to
26 review those comments and then to also consider any new
27 information, or new changes, or new data that had been developed
28 since the atlas had been published in 2021.

29
30 After considering that information, we end up with a map similar
31 to what you see here. The areas that are in green and orange are
32 those that are considered in the Draft Programmatic Environmental
33 Impact Statement. You'll see four areas that are colored in red.
34 Those were areas that were removed from further consideration in
35 the draft PEIS, and so the locations that were considered were W-
36 1, W-4, W-8, C-3 and C-13.

37
38 The preferred AOA alternatives are W-1, W-4, W-8 and C-3, and so,
39 from those 13,500 acres, we went down to 6,500 acres across four
40 areas. As I noted, there's five areas that were considered, but
41 only four were preferred. Area C-13 was considered in the Draft
42 Programmatic Environmental Impact Statement. We did receive
43 concerns and feedback related to shrimping activity that was in
44 that area.

45
46 Following the review in the draft Programmatic Environmental

1 Impact Statement, we did note that, as well as some other
2 considerations, such as a very high level of vessel traffic
3 transiting through that area. It's the closest location to shore,
4 and so aquaculture stakeholders were very interested in that
5 location.

6
7 However, it received about 1,300 vessel transits through that area
8 annually, and a lot of vessel traffic moving through that area
9 makes it difficult to develop an aquaculture operation, where that
10 area poses a risk navigation, as well as to fisheries in that area.
11 It's also very close to shore, and subject to outfall from the
12 Mississippi River, and so you have fluctuations in water quality
13 at that location, and so that did not rise to the level as a
14 preferred alternative within the draft.

15
16 Then you'll see the four areas, C-11, E-4, E-3 and E-1, that were
17 removed from further consideration, and C-11, as noted by feedback
18 received from the council, the Shrimp Advisory Panel, as well as
19 Southern Shrimp Alliance and other shrimp fishermen in the area,
20 and there is very high shrimping activity, and so we removed that
21 from further consideration, and it would not become an option for
22 aquaculture opportunity areas.

23
24 Our coordination with the Department of Defense, and the Air Force,
25 who is a cooperating agency on the Draft Programmatic Environmental
26 Impact Statement, noted an uptick in military activity in the
27 eastern Gulf of Mexico, and concerns regarding fixed structures
28 being placed in that area impacting military readiness, and so
29 those were also removed from consideration in the draft.

30
31 These are just the technical descriptions of the alternatives.
32 Really, the one I just want to touch upon is the no action
33 alternative. We had a lot of confusion from stakeholders over the
34 no action alternative, and what it meant in the process, but the
35 no action alternative would be that no aquaculture opportunity
36 areas are identified. We had confusion that it meant that no
37 aquaculture would happen in the Gulf of Mexico, and so we do just
38 like to clarify that, that aquaculture development would still
39 occur if the no action alternative was selection.

40
41 However, operations that are sighted outside of areas that were
42 analyzed in the draft PEIS would not benefit from the analysis
43 that was done within that, and so Alternative 2 is a preferred
44 alternative, W-1, a 2,000-acre area, and it would be considered,
45 as well as the other preferred alternatives, as locations
46 potentially suitable for all types of aquaculture for finfish,

1 shellfish, seaweed, as well as multispecies operations.

2

3 You have Alternative 3 is also a preferred alternative, Site W-4,
4 and it's a 2,000-acre area off of Port Aransas and Corpus Christi
5 Bay, and you also have Alternative 4, which is Area W-8. It's a
6 500-acre area located off of Freeport, Texas.

7

8 Then you have Alternative 5, a 2,000-acre area, Location AOA Option
9 C-3. This is the furthest from shore of all the AOA options. It's
10 about 130 kilometers off Pecan Island and Marsh Island, and so
11 it's really far offshore, but it is a preferred alternative.
12 Again, an area is considered potentially suitable for all types of
13 aquaculture, and then we had Alternative 6, which is Area C-13,
14 which, as I noted, due to a number of factors, was not a preferred
15 alternative.

16

17 Then these are just some additional maps that show the location,
18 their proximity to some of the closest inlets, and so you can just
19 skip through those.

20

21 That's W-1, 2,000 acres, and W-4, a 2,000-acre site. This is W-
22 8, a 500-acre site. C-3, a 2,000-acre site, and C-13, which is,
23 again, not a preferred alternative, but that's the closest to shore
24 of all the AOA options. It's about five nautical miles from shore.

25

26 The potential environmental impact, or potential environmental
27 effects, that were analyzed in the Draft Programmatic
28 Environmental Impact Statement include the administrative
29 environment, physical environment, biological environment,
30 socioeconomic environment, cultural and historical environment, as
31 well as potential effects of climate change.

32

33 The effects of this planning effort are largely administrative in
34 nature, and so that is where the majority of those effects are
35 analyzed. We also analyzed the potential effects of siting
36 aquaculture in those locations, in order to help inform the
37 permitting and environmental review process for future aquaculture
38 operations, and so that's why you see those physical and biological
39 environments, and the effects that were analyzed there.

40

41 Because it's a planning process, you don't have any direct effects
42 of those environments, but, by considering that information, it
43 can help to inform the site selection of future aquaculture
44 operations, as well as inform those permitting and environmental
45 review process, and, if you look at the bottom-left corner, you
46 can see all the different topics that were analyzed within the

1 document under those areas, water quality, effects from waste and
2 non-consumed feed, acoustic disturbance, light disturbance,
3 escapement, disease, risk, and a number of other topics.

4
5 This slide just kind of shows the different considerations that
6 were made for commercial and recreational fishing and where those
7 analysis of those potential effects were analyzed within the Draft
8 Programmatic Environmental Impact Statement.

9
10 Under the socioeconomic section, commercial and recreational
11 fishing, potential effects to those were analyzed, as well as ports
12 and working waterfront and tourism, which, in the Gulf of Mexico,
13 largely relates to recreational fishing opportunities, potential
14 impacts to that.

15
16 As I mentioned, we also analyzed the potential effects of future
17 aquaculture operations, and so effects such as FAD, escapement,
18 disease, and a bunch of different topics were also considered
19 there. It's important to note the AOA alternatives avoid observed
20 and modeled hardbottom habitats, which also limits some of those
21 effects that could potentially be there to commercial and
22 recreational fishing. They don't overlap with artificial reefs,
23 oil and gas infrastructure, or HAPCs.

24
25 We also cross-referenced the fisheries data with AIS data, to
26 capture the tracks that fishers might be taking to and from fishing
27 activities, and it's also helpful so that the potential development
28 for aquaculture in those areas could disrupt those transits,
29 leading to higher costs for fishermen, and so we also cross-
30 referenced that.

31
32 Last, but not least, I'll just acknowledge the data that was
33 considered in the atlas, which was published in 2021, does consider
34 fisheries data up to 2019, and 2020, for some of those instances.
35 It's important to note that, if and when an aquaculture operation
36 was to be proposed within an aquaculture opportunity area, part of
37 that initial site suitability, and site planning, that an
38 aquaculture producer would take would allow them to be able to
39 consider new information, such as fishing, or vessel transits, oil
40 and gas development, military activity, a myriad of different
41 considerations that they would look at first before pursuing
42 aquaculture development in one of those aquaculture opportunity
43 areas, and so that would capture any sort of gap that exists
44 between the document and current data, once they propose projects.

45
46 Last, but not least, I'll just plug that we do have some public

1 comment opportunities. As I noted, the public comment period is
2 open until February 20. We do have one virtual public meeting
3 that is still on the books, and anybody can sign up. You can visit
4 our aquaculture opportunity website. If you just type "Gulf AOA"
5 into Google, it's one of the first topics that will pop up, or you
6 can scan that QR code to register. You don't have to register in
7 advance. You have to register to access the meeting, but it's a
8 very quick automatic process, and so, if you register today, it's
9 going to give you the link to be able to join.

10
11 Last, but not least, comments can be provided by writing either
12 electronically or by mail, and so you can logon to regulations.gov
13 and type "NOAA-NMFS-2024-0135" into the search bar, and that will
14 bring up the docket, and you can move to the Draft Programmatic
15 Environmental Impact Statement, and you'll be able to provide
16 comments there. You can also write in by mail, and mail comments
17 to our Regional Office at the address listed there.

18
19 That's it, but I'm happy to answer any questions that anyone might
20 have regarding the Draft Programmatic Environmental Impact
21 Statement.

22
23 **CHAIRMAN MCDERMOTT:** Mr. Walker.

24
25 **MR. ED WALKER:** Thank you. I'm not on your committee here, but I
26 do have some questions. Do you have any interest, any aquaculture
27 operations, kind of looking at these sites, and thinking I could
28 do this, and what would you farm that far offshore, and would it
29 work logistically, in a place with hurricanes and stuff like that?

30
31 **MR. RICHARD:** Right now, I haven't been approached by any
32 aquaculture producers who have expressed interest in those
33 aquaculture opportunity areas in the Gulf. I know our colleagues
34 in southern California have had a couple of reach out to some of
35 the locations out there. They're growing seaweed and shellfish
36 out in Southern California. You know, acknowledging, in the Gulf
37 of Mexico, traveling forty miles offshore, with ample space inshore
38 to grow shellfish and seaweed, it might not be a single product
39 like that grown out there.

40
41 Now, an operation like finfish aquaculture, coupled with seaweed
42 production, or shellfish production, could be an option, but the
43 interest that we have right now in federal waters from aquaculture
44 operations has historically been finfish aquaculture.

45
46 **CHAIRMAN MCDERMOTT:** Dr. Frazer.

1
2 **DR. TOM FRAZER:** Thank you, Mr. Chairman. Thanks, Andrew, for the
3 presentation. It's kind of related to Ed's question, a little
4 bit, but, if you go back to slide 10, and so I'm particularly
5 interested in this Bullet 1, where it does not change existing
6 permitting, authorization, consultation, or environmental review
7 requirements, and so can you walk me through what the process might
8 look like, with regard to obtaining some type of a permit to
9 actually move forward with an aquaculture operation?

10
11 **MR. RICHARD:** Sure. So an aquaculture proponent, someone who's
12 interested in developing an aquaculture project, either reaches
13 out to me, as a Regional Aquaculture Coordinator, or sometimes
14 they reach out to our partners at NCCOS who do the spatial mapping.

15
16 First, they express interest in a particular area that they would
17 like to develop their aquaculture operation in, and then,
18 typically, NCCOS will work on developing sort of a preliminary --
19 A real quick, high-level spatial analysis of the area, to see, you
20 know, the different activities that are occurring in the area,
21 mainly some of the activities that are typically within those
22 constraint models within the atlas, and so things that would be
23 essentially prohibit them from being able to go and develop an
24 operation.

25
26 We're thinking shipping fairways, reserved hardbottom, other
27 activities or other resources, that are incompatible with
28 aquaculture development, and so an aquaculture proponent will get
29 that preliminary spatial analysis, express interest in that, and
30 the next thing they'll do is perform a benthic survey to look at
31 the bottom, to determine is it suitable for the types of operations
32 that they might want to develop, the anchorage, to make sure that
33 there's not any hardbottom or live bottom in those areas that would
34 prevent them from being able to develop or result in potential
35 effects from their operation on those.

36
37 Then they collect and compile a narrative that they would submit
38 to the permitting agencies, along with a permit application. Now,
39 that pre-application process, typically for our projects, takes
40 anywhere from six months to a couple years.

41
42 We do a lot of that work up front in the pre-application phase, to
43 make sure we have all the information those applicants need to
44 provide, not only for the permit application, but also for the
45 consultations and authorizations from other agencies, and then so,
46 once they submit their applications, that triggers the

1 responsibilities for those permitting agencies to be responsive to
2 those permit applications.

3
4 That will also trigger the environmental review process, or NEPA,
5 for those projects as well. Permitting agencies will determine
6 the appropriate steps for how they will satisfy the permitting
7 requirements for that. The Army Corps might look at different
8 options for Section 10 permits. The EPA makes the determination
9 on whether those projects need Environmental Protection Agency
10 NPDES permits.

11
12 We're also, during that pre-application phase, and throughout that
13 process, working with the Department of Defense siting
14 clearinghouse. We've seen that be a challenge for aquaculture
15 operations, and there a lot of activities out there in the Gulf,
16 military activities, and so we're making sure that the aquaculture
17 development is going to be compatible with military readiness out
18 there as well.

19
20 That authorization process happens concurrently with the EPA and
21 the Army Corps permitting processes, the environmental review
22 process, and the consultations that occur during that, and,
23 ultimately, at the end of the process, you end up with an
24 environmental review document to support the permitting decisions
25 of those agencies. Then the process is followed, and the public
26 engagement things are consistent with that NEPA process.

27
28 **DR. FRAZER:** I appreciate all of that, and so I guess what I'm
29 asking, a little more specifically, and so NOAA is the first point
30 of contact here, right, and so anybody who might be interested in,
31 you know, obtaining the appropriate permits to build out an
32 operation would first consult with NOAA, and then NOAA would advise
33 them what types of preliminary information that they need to
34 generate, right, in advance of applying for a permit. Then NOAA
35 would tell them what the various permitting agencies are that they
36 have to work with, and then, ultimately, who signs off on that
37 permit?

38
39 **MR. RICHARD:** The proponents sometimes come in from the Army Corps,
40 or sometimes come into the EPA first, and it depends who they reach
41 out to, but, generally, they do get directed back to us, and we
42 act as sort of a guide through that whole permitting process. We
43 don't have that regulatory role, and we're able to go and help
44 support the proponents in that way, and so we help to guide them
45 through that process.

1 At the end of the day, the permitting decision is the decision of
2 the permitting agencies, when it comes to that, but we also play
3 a role in helping to get them the information that they need to be
4 able to make those decisions, and so, if there's a technical
5 science question that they have, whether it's engineering
6 questions, or questions about disease, or escapement, pollutants,
7 things like that, we help to support that, and NCCOS plays a really
8 big role in that, helping with development of depositional models,
9 to show, if it was a commercial finfish farm, where the waste and
10 uneaten feeds might settle, but also for water quality, which is
11 really important for the issuance of those NPDES permits.

12

13 **DR. FRAZER:** Great. Thank you, Andrew.

14

15 **CHAIRMAN MCDERMOTT:** Mr. Geeslin.

16

17 **MR. DAKUS GEESLIN:** Thank you, Mr. Chair. Thank you, Mr. Richard,
18 and there's a lot of information here. My question is very direct
19 about the timeline and when you could -- At the earliest date, you
20 would anticipate aquaculture operations being in the water.

21

22 We had an executive order in May of 2020. You have an atlas, and
23 we've got the Draft EIS. I'm assuming the applicants also have to
24 go through all the permitting, once they get maybe a conditional
25 thumbs-up from NOAA that the siting works for the operation.

26

27 Then they've got to jump through all the hoops to get the other
28 permits, incidental take permits, all this other, you know, red
29 tape. When is the earliest you would anticipate nets, or any other
30 operations of that sort, being in the water?

31

32 **MR. RICHARD:** Within an aquaculture opportunity area, it could be
33 a couple years. Typically, it does take at least a year, to two
34 years, to develop an Environmental Impact Statement, or a NEPA
35 document associated with those projects, and then, generally, you
36 have six months to a year worth of pre-application work that's
37 done there.

38

39 The idea though behind the aquaculture opportunity areas is that
40 we know a lot more about these spaces upfront, and one of the
41 biggest challenges that we've seen, with other aquaculture
42 operations proposed in other areas, are the conflicts that exist
43 with other user groups, with other natural resources, and so the
44 intent of aquaculture opportunity areas is to reduce that conflict
45 and provide that information upfront, so that they get a running
46 start.

1
2 You know, it's not anything like a programmatic permit, or anything
3 like that, or a rubber stamp of projects in those areas, but the
4 work in the draft PEIS provides a great foundation for aquaculture
5 operations, and so we're hopeful that that will help to speed up
6 the process.

7
8 Now, obviously, if it takes a couple of years for a proponent to
9 come forward, some of that information needs to be updated, but
10 that's work that can be done along the way, and we're definitely
11 seeing an interest in aquaculture development in the Gulf, and,
12 you know, with the development of this Programmatic Environmental
13 Impact Statement, we're seeing areas that maybe weren't
14 necessarily on the industry's radar, but, when you look at it from
15 a perspective of regulatory efficiency, and helping to inform the
16 process that projects would have in those permits, these look like
17 some really potentially suitable areas for aquaculture development
18 to occur and that to be a much easier path than projects have taken
19 in the past.

20
21 **CHAIRMAN MCDERMOTT:** Dr. Simmons.

22
23 **EXECUTIVE DIRECTOR CARRIE SIMMONS:** Thank you, Mr. Chair. Thank
24 you for the presentation. Mr. Richard, can you give us an update?
25 Some time ago, I think it was Manna Farms that was looking at
26 putting something off of Pensacola, and then it was believed like
27 Velella-Epsilon, or something like that, was looking to do some
28 work off of Sarasota. Can you give us a status report on where
29 those companies may be with putting any net pens out there, and
30 where they are and getting any type of permits from Army Corps or
31 EPA?

32
33 **MR. RICHARD:** Yes. Sure. Absolutely. Just to clarify there, we
34 do have other projects, that were started before the aquaculture
35 opportunity area process, that are proposing projects off the coast
36 of Florida.

37
38 The first I'll talk about is the Ocean Era Velella-Epsilon project.
39 That's a single-cage pilot project proposed off the coast of
40 Sarasota, Florida. It's looking to -- Initially, it was proposed
41 to grow almaco jack, around 80,000 pounds in one production cycle,
42 and then the cage was ultimately going to be removed. Again, it's
43 just a pilot project.

44
45 That was initiated in 2017, and, once the permits were issued for
46 that project, let's say 2021, in the fall of 2021, and there had

1 been some legal challenges for that project. Once those legal
2 hurdles were cleared, and the Environmental Protection Agency
3 issued a modified NPDES permit for that project, the applicants,
4 and the proponents for that project, decided that -- Well, not
5 decided, but the cage design that they were going to use -- The
6 manufacturer had gone out of business, and so they proposed a
7 similar, but slightly different, cage for their pilot project.

8
9 They also switched their species from almaco jack to red drum, and
10 so that dropped the production amounts for that project, because
11 the red drum grow slower than the almaco jack do, and so the
12 applicants were providing, over the last year, updated information
13 to inform those permit modifications that the EPA was going to
14 need to address for that project.

15
16 It has been moving very slowly, but, right now, we've reached a
17 point where the EPA and the Army Corps have all the information
18 that they need to make a permitting decision on that project.
19 We're hopeful that, potentially sometime this spring, the Army
20 Corps and the EPA would issue permits for those projects, but, you
21 know, that's ultimately the decision of those agencies, and so
22 that project is moving forward, after a long time kind of standing
23 still.

24
25 The Manna Fish Farms project is a separate project, a commercial-
26 scale finfish aquaculture operation off of Pensacola, Florida,
27 about twenty-three miles south, if I'm not mistaken, and they've
28 been working through that pre-application process I've talked
29 about, and they provided some preliminary information to the
30 permitting team.

31
32 We're working on identifying and making sure all the information
33 that's necessary for our permitting agency partners to be able to
34 issue the permits there, and so they've submitted that information,
35 and we're just confirming that the information that's necessary to
36 move forward with the environmental review process for their
37 project is all there, information that's necessary to do water
38 quality modeling and different things like that, and so we
39 anticipate that environmental review process, and the processing
40 of those permits, to occur sometime this spring also, and so both
41 projects are moving forward.

42
43 It does move at a pretty slow pace, but there has been some
44 movement, and, you know, we're in regular communication with the
45 proponents for those projects, encouraging them to come to the
46 council, and I'm always happy to come to the council too and

1 present on updates to those projects, whenever anyone is
2 interested.

3

4 **CHAIRMAN MCDERMOTT:** Mr. Schieble.

5

6 **MR. CHRIS SCHIEBLE:** Thank you, Mr. Chair, and thank you, Mr.
7 Richard. It was a very informative presentation. I appreciate
8 the detail, especially when it comes to the commercial and
9 recreational fisheries consideration. I had a question and a
10 comment.

11

12 So, looking at the data table in there, it stopped -- I guess the
13 dataset is from 2000 to 2016 for the menhaden fishery AIS data,
14 and I was sort of concerned with the time difference on that. We
15 have access to that data in Louisiana, and so I looked at it, and
16 it's still fine. There was no overlap, and so that's okay, but
17 the other time series that are used, for the IFQ reef fish
18 especially, and then the shrimp logbooks, both stop in 2019, and
19 so that's six-year-old data. Is there a particular reason for
20 that? That's my question.

21

22 Then my comment would also be to somehow have consideration for
23 the C-13 site, in particular, that's off of South Pass in
24 Louisiana. It's only about four-and-a-half-miles out, and consider
25 the impact potentially to recreational fisheries transiting that
26 area. There's going to be a lot of vessel traffic heading into
27 South Pass, and I don't know how you would track that.

28

29 I would just suggest potentially considering using satellite data,
30 because it's really about the only thing available for looking at
31 recreational fisheries, but potentially get on the road and look
32 into that, because there could be some impacts to that, and so
33 back to my question, and can you tell me why the time series stops
34 in 2019 for most of that fisheries data, please?

35

36 **MR. RICHARD:** Yes, and so the National Center for Coastal Ocean
37 Science is the agency within NOAA that developed the aquaculture
38 opportunity analysis and did the spatial suitability modeling
39 that's there.

40

41 At the time, that was the best available information they had to
42 be able to run their models. Again, the atlas was published in
43 2021, and so there is a little bit of lag between that and the
44 data that's considered there. Again, the updated fisheries data
45 would definitely be something that's considered, if and when an
46 aquaculture proponent proposes a project within any of those areas.

1
2 To your point about recreational fishing data related to the C-13
3 area, that was something that we also did take into consideration,
4 acknowledging that, you know, we did capture 1,300 AIS vessel
5 transits, and we assume that there's plenty more vessel traffic
6 through that area that we're not capturing that way, and so that
7 was the conservative decision, to not label that as a preferred
8 alternative to become an aquaculture opportunity area.

9
10 That's not to say that aquaculture couldn't potentially be proposed
11 in there, but it is definitely a challenge, with that many vessel
12 transits through an area, both for the aquaculture operation and
13 also for navigational safety for all those vessels that are coming
14 in and out of there, and so closest to shore, but, you know, that's
15 a pretty hot spot there, very close to shore.

16
17 **CHAIRMAN MCDERMOTT:** Mr. Strelcheck.

18
19 **MR. STRELCHECK:** More of a comment, but I would invite Andrew to,
20 obviously, to weigh-in, but if you could go to the supplemental
21 slides at the end of the presentation, and thank you, Andrew, for
22 the presentation today. Excellent presentation. So slides, I
23 think, 29 and 30 I would like to talk about, briefly. Sorry. It's
24 30 and 31.

25
26 These are supplemental slides, and Andrew didn't go through them,
27 but this area was one of the areas that was eliminated from further
28 consideration off of Louisiana. When you, obviously, look at a
29 variety of factors, and marine spatial planning, it was maybe
30 coming up as a better area, more suitable for aquaculture than
31 others, but then you do a deep dive, and you look at our shrimp
32 electronic logbook data, and you can see, obviously, the value of
33 the electronic logbook program, that this would be sited right in
34 the middle of a shrimp fairway that's high shrimping effort, right,
35 and so we decided to, obviously, eliminate this from further
36 consideration, based on Shrimp Advisory Panel input, and other
37 factors, but I wanted to note that.

38
39 Then, knowing that the council is going to be commenting on our
40 AOA process, if you can go to the next slide, and we did not select
41 this area as preferred. This one is also off Louisiana, but,
42 obviously, I'm interested in any sort of feedback from the council
43 in this area.

44
45 You can see, here, using the electronic logbook shrimp data, it is
46 kind of just outside of some moderate and high areas of shrimping

1 effort, but it does potentially set us up for considerable conflict
2 with shrimp trawling, given the location, and so I just wanted to
3 note this.

4
5 Once again, right, that, you know, here we are using marine spatial
6 planning to de-conflict, obviously, multiple ocean uses, and this
7 is where the electronic logbook data is providing, obviously, very
8 valuable insights with regard to where the fisheries operating and
9 how we can either site or not site aquaculture opportunity areas,
10 based on those conflicts. I don't know, Andrew, if you have
11 anything to add.

12
13 **MR. RICHARD:** I mean, I'll just note, with that C-11 location,
14 that was removed for further detailed study in the draft PEIS. I
15 think one of the questions we had, when we looked at it, is how
16 does that sort of rise to the top as an area that could be a
17 potential aquaculture opportunity area, and the reality is, when
18 you're looking at multiple fisheries data layers, and all these
19 other activities that are occurring within that given area, you
20 can have a really high level of shrimp trawling activity, but, if
21 there's no other fishing activity that's going on in that area,
22 either A, because it's just not suitable or because, you know,
23 there is shrimp trawling activity that's occurring in that area,
24 or there's oil and gas infrastructure, which, again, is why there's
25 fishing there, you end up with an area that can rise to the top,
26 within that spatial analysis process, that you do have to take a
27 deep dive and look at to consider, well, okay, well, why is that
28 a good area, according to the spatial suitability model?

29
30 That's where the benefit of doing that Programmatic Environmental
31 Impact Statement, or that environmental review document, can help
32 to capture that and help to inform that decision-making process.

33
34 **CHAIRMAN MCDERMOTT:** Any other questions, or comments?

35
36 **MS. GARDINER:** Mr. Chair, I'll just walk through the draft comment
37 letter that's attached to the website. I don't want to read it
38 verbatim, but I do want to highlight some overview of this, and,
39 Bernie, if you want to pull it up on the screen, you probably can.

40
41 I want to thank Mr. Richard for his effort in his presentation
42 today. I think that was fantastic, and those that contributed to
43 compiling the draft AOA PEIS, and there was a substantial effort
44 in addressing the Executive Order to Address Promoting American
45 Seafood Competitiveness and Economic Growth.

1 I'll read through these, just in bullet form fashion. The letter
2 is attached on the website, if you want to read it in full, but I
3 want to highlight that the council prioritizes those alternatives
4 that are least likely to disrupt current fishing practices for all
5 sectors and specifically supports the decision to remove Option C-
6 11 as an alternative, given the overlap with the commercial shrimp
7 fleet.

8
9 The preferred alternatives identified, three of those off the coast
10 of Texas and one off of Louisiana, as those that would have the
11 least amount of adverse impacts. The council supports and
12 appreciates the efforts to directly identify impacts to commercial
13 and recreational fishing, working waterfronts, tourism, and
14 coastal communities, specifically highlighting the importance in
15 considering coastal communities and stakeholders in potential
16 aquaculture development, and recommends outreach and public
17 engagement sessions be held prior to any future development.

18
19 In the document, there was some concern surrounding impacts to
20 water quality, as well as the impacts of storm damage and
21 anthropogenic damage to aquaculture infrastructure, and so the
22 nets following hurricanes or large storms, and there's some
23 recommendations to provide a specific waste management strategy to
24 prevent foreseen negative impacts on the surrounding environments
25 following aquaculture development.

26
27 Right now, there's no council action, given the planning nature of
28 the document, but, if future aquaculture development occurs within
29 or outside the identified sites, the council requests regular
30 status updates and the opportunity to provide comments, and so I
31 want to thank Mr. Richard again, and I welcome the council for any
32 additional comments to be included in the draft comment letter,
33 before we send it off. Thank you.

34
35 **CHAIRMAN MCDERMOTT:** All right. Thank you, Mr. Richard. Do we
36 have any other business for the Habitat Protection and Restoration
37 Committee?

38
39 **EXECUTIVE DIRECTOR SIMMONS:** Yes, and does the committee have any
40 comments on the draft letter, before we send it in?

41
42 **CHAIRMAN MCDERMOTT:** Any comments on the letter there? Mr. Anson.

43
44 **MR. KEVIN ANSON:** I just wonder if the comment in the draft letter
45 that identifies the comment about the structures, and impacts of
46 those, I guess from hurricane damage, and I wonder, and is that

1 within the scope of the PEIS? Is that -- I just -- The general
2 overview, or charge of that in the executive order, was just to
3 identify those areas, and so to take a look at the spatial and
4 fishing data, navigational data, all that type of stuff, just to
5 identify areas.

6
7 I'm just wondering if that -- Looking at beyond that, or to the
8 point where you have aquaculture operations physically in place,
9 whether or not that was just outside the scope, and that's all,
10 and it's just a comment.

11
12 **MS. GARDINER:** Thanks for the question. I think, when I was
13 drafting it, I was thinking that would kind of fall into the
14 category of impacts of climate change, you know, with the potential
15 anthropogenic storms that are moving through the areas at an
16 increased rate, and, you know, what would that impact have
17 following aquaculture development. Whether that's within the
18 scope of this document, or potentially for future aquaculture
19 development and environmental statements, that's kind of up for
20 question, I guess.

21
22 **CHAIRMAN MCDERMOTT:** Mr. Anson.

23
24 **MR. ANSON:** Yes, and certainly that should be a consideration to
25 the point of operations applying for permits to put them out in
26 the Gulf, or anywhere, and that should be something that's reviewed
27 at that time. Again, I just was thinking specifically of this
28 letter to provide comments on the PEIS, as to whether or not that
29 was just appropriate, because, again, I think it was just outside
30 the scope.

31
32 **CHAIRMAN MCDERMOTT:** Any other comments on the letter? What about
33 other business? Anybody got any other business?

34
35 **EXECUTIVE DIRECTOR SIMMONS:** Mr. Chair, it might be good if you
36 guys have a motion approving the letter with the recommended change
37 from Mr. Anson, and we just remove that language? Is that what
38 you're suggesting from the letter?

39
40 **MR. ANSON:** Yes, and that would be my suggestion.

41
42 **EXECUTIVE DIRECTOR SIMMONS:** Okay.

43
44 **CHAIRMAN MCDERMOTT:** Mr. Anson.

45
46 **MR. ANSON:** I make a motion to approve the draft letter, with the

1 **updated language.**

2

3 **CHAIRMAN MCDERMOTT:** All right. We've got a motion to approve the
4 council letter, with the revised language, proposed by Mr. Anson.
5 Do we have any opposition to the motion? Can we get a second to
6 the motion first?

7

8 **DR. ANTHONY OVERTON:** Second.

9

10 **CHAIRMAN MCDERMOTT:** It's seconded by Dr. Overton. **Have we got**
11 **any opposition to the motion? I don't see any, and it passes.**
12 All right. Any other business? I don't see any, and so we're
13 going to turn it back over to the chair.

14

15 (Whereupon, the meeting adjourned on January 27, 2025.)

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