1	GULF OF MEXICO FISHERY MANAGEMENT	COUI	NCIL	
2	GULF SEDAR COMMITTEE			
4				
5 6	Crowne Plaza @Bell Towers Shops	Fort	Myers,	Florida
7	June 22, 2022			
8	0 and 22, 2021			
9	VOTING MEMBERS			
LO	Tom Frazer			Florida
L1	Patrick Banks			Louisiana
L2	Dale Diaz		Mi	ssissippi
L3	Robin Riechers			Texas
L 4				
L 5	NON-VOTING MEMBERS			
L 6	Kevin Anson (designee for Scott Bannon)			Alabama
L7	Susan Boggs			Alabama
L 8	Leann Bosarge		Mi	ssissippi
L 9	Billy Broussard			Louisiana
20	Rick Burris (designee for Joe Spraggins)		Mi	ssissippi
21	Dave Donaldson			GSMFC
22	Jonathan Dugas		• • • • • • • ·	Louisiana
23	Phil Dyskow			Florida
24	Bob Gill			Florida
25	LCDR Lisa Motoi			USCG
26	Bob Shipp			Alabama
27	Andy Strelcheck			NMFS
28	Greg Stunz			Texas
29	C.J. Sweetman			Florida
30	Troy Williamson			Texas
31				
32	STAFF			
33	Assane Diagne		<b></b> .	Economist
34	Matt Freeman			
35	John Froeschke			
36	Beth HagerAc			
37	Lisa Hollensead			
88	Ava Lasseter			
39 10	Mary Levy			
11	Natasha Mendez-Ferrer			
12	Ryan RindoneLead Fishery Bio			
13	Bernadine Roy			
14	Charlotte SchiaffoAdministrative & Humar			
15	Carrie Simmons			
16	Carly SomersetFisheries			
17				_ = ====30
18	OTHER PARTICIPANTS			
19	Peter Hood			NMFS

1	Jessica McCawleyFI
2	Clay PorchSEFSC
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1	TABLE OF CONTENTS
2	
3	Table of Contents3
4	
5	Table of Motions4
6	
7	Adoption of Agenda and Approval of Minutes and Action Guide and
8	Next Steps5
9	
10	Summary Report of May 9, 2022 SEDAR Steering Committee Meeting6
11	
12	Other Business16
13	
14	<u>Adjournment18</u>
15	
16	
17	

1	TABLE OF MOTIONS
2	
3	PAGE 14: Motion that the council draft a letter commensurate
4	with the SEDAR Steering Committee's consensus statement to the
5	NOAA Office of Science and Technology stating the need and
6	urgency of this request. The motion carried on page 16.
7	
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9	

The Gulf SEDAR Committee of the Gulf of Mexico Fishery Management Council convened at the Crowne Plaza @Bell Towers Shops in Fort Myers, Florida on Wednesday afternoon, June 22, 2022, and was called to order by Chairman Dale Diaz.

## ADOPTION OF AGENDA APPROVAL OF MINUTES ACTION GUIDE AND NEXT STEPS

CHAIRMAN DALE DIAZ: We're going to jump right into the Gulf SEDAR Committee, and the first item on the agenda is the Adoption of the Agenda. Can I get a motion to approve the agenda? I guess maybe I should take the roll, so people know who is on the committee. It's myself, Mr. Banks, Dr. Frazer, and Mr. Riechers. I would like to see if we can get adoption of the agenda, please. We have a motion, and it's seconded. Any opposition to adopting the agenda? The agenda is adopted. Next up is Approval of the Minutes from October of 2021, and is there any edits or additions to the minutes?

MR. ROBIN RIECHERS: Motion to adopt.

CHAIRMAN DIAZ: It's moved to adopt by Mr. Riechers, and it's seconded by Mr. Banks. No additions. Is there any opposition? Then the minutes are approved. Thank you. Next up is the Action Guide and Next Steps, and Mr. Rindone is going to walk us through the Action Guide and Next Steps. Mr. Rindone.

MR. RYAN RINDONE: Thank you, Mr. Chair. We're going to have a summary about the SEDAR Steering Committee's report from its May 9, 2022 webinar meeting. The committee should ask questions and provide feedback, particularly about the proposed stock assessments that are requested for 2025 and 2026. At this point, the committee should go ahead and consider 2024 locked-in.

 It should also consider if it wants to support the consensus statement in the SEDAR Steering Committee report, and, if so, it should consider passing a motion to that effect, to request — That the council request the staff draft a letter to the NOAA Office of Science and Technology stating the need and urgency of the request to calibrate the recreational Gulf state surveys prior to the SEDAR 74 operational assessment for Gulf red snapper. Then any tidbits under Other Business that may pop up. Mr. Chair.

CHAIRMAN DIAZ: Thank you, Mr. Rindone. I think you're handling the next agenda item, if you want to go ahead and start with the

Summary Report from the May 9, 2022 SEDAR Steering Committee Meeting.

## SUMMARY REPORT OF MAY 9, 2022 SEDAR STEERING COMMITTEE MEETING

MR. RINDONE: I am, and, if there any problems with the presentation, we'll just blame them on Dr. Simmons. Okay, and that won't be too fair, because I think I edited this presentation.

Just an overview of what's contained herein, we're going to talk about SEDAR's projects report and the process review and discussion for the SEDAR program. We'll talk about the assessment schedule review, particularly the 2025 and 2026 assessment years, other business that was discussed by the Steering Committee, and its next steps.

Particularly, as it relates to the Gulf for the SEDAR projects report, we're talking about the SEDAR 79 assessment of mutton snapper, and Florida FWC had suggested the possibility of increasing the terminal year for the assessment through 2022, but the Science Center's ability to provide the data right now is capped at 2021, and changes in the schedule still need to be discussed by all the cooperators, which right now includes the Gulf and South Atlantic Councils and FWC, and so this is just informational, and this is something that's being worked on.

 Pertaining to the SEDAR process review and the Steering Committee's discussion on that, we talked about the topical working groups, and we got a report on how those have been functioning. The Science Center made it pretty clear that they would prefer as few topical working groups per assessment as possible, and the scheduling of the assessments and their anticipated time to completion is based on no topical working groups, and so, as more topical working groups are added, it increases the amount of time required for a stock assessment.

The Science Center will inform the cooperators of the cost of adding topical working groups to an assessment whenever they review the statement of work, and that cost being in terms of time. Participants for topical working groups must be appointed by a cooperator, and, in the Gulf, we believe that we have a rather efficient process of being able to do that, and they simply need to be identified, and we can handle that very quickly.

47 Concerning the research track technical chair, this was a 48 position that the Science Center thought would be helpful for the research track process, to help keep the process on pace and provide technical feedback and expertise throughout this complicated process. The committee discussed the continued difficulty though in identifying someone to serve as the technical chair for the data and assessment portions of these assessments, and the Science Center has currently -- I think they have found and appointed and are funding the position of technical chair for the SEDAR 74 research track.

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Discussions about this though with the cooperators indicated that the resources were not necessarily going to be available from the cooperators to fund such a position for all research track assessments, and so the resolution was that the SEDAR coordinators would begin chairing the data and assessment portions of these research track assessments, similar to how they have in the past for other assessments.

Pertaining to the discussion of the role of SEDAR in talking about management procedures and management strategy evaluations, the Steering Committee talked about how the assessment process continues to get increasingly complicated, which the Science Center attributed to increasing numbers of small pieces of data that are provided by many partners, and Matt Smith, with the Science Center, has a great slide that shows the graveyard of past deadlines, and it's probably my favorite stock assessment slide, but it's true.

In some cases, an effort to herd a hundred cats into a small box is what it's similar to, especially for stocks like red snapper, which are exceptionally data rich, especially when compared to other stocks that we assess.

The Steering Committee thought that SEDAR should have a role in any new tools, like a new management strategy evaluation, that is going to provide scientific advice in place of a traditional assessment, and the first application of that tool for a stock should go through the SEDAR review process, if it's possible to do that. That's resource and time dependent, et cetera.

The next step of this is that the Science Center is going to develop a discussion draft for a future SEDAR Steering Committee meeting, to talk about this a little bit further, in terms of the approach.

Talking about the assessment schedule review here, in 2024 --We're going to go ahead and consider this one locked-down, because of when we've had to submit our scopes of work, and the SSC has already evaluated scopes of work for all of these assessments, and our expectation is to proceed with these at this time, and so we have the operational assessment for red snapper, which could be finishing up in 2024, depending on the amount of time the research track takes, and we anticipate beginning the gray triggerfish research track and getting operational assessments for red grouper, cobia, and vermilion snapper.

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We also anticipate finishing up the mutton snapper benchmark assessment and beginning the West Florida hogfish benchmark assessment, and you see "benchmark" there for the FWC assessments, because FWC, as the analytical lead for those species, preferred sticking with that framework of conducting assessments, as opposed to the research track and operational assessment method.

For 2025, proposed, we have the continuance of the gray triggerfish research track and starting a research track for greater amberjack, and getting operational assessments for lane snapper, gag, and kingfish, which would be for both Gulf and the South Atlantic, and, typically those migratory groups are assessed concurrently, due to their connectivity in the mixing zone in the wintertime just south of the Keys.

We would anticipate the hogfish benchmark assessment wrapping up and starting work on a black grouper benchmark assessment, which we had to stop the last time that that was attempted to try to take a closer look at the speciation issues between black grouper and gag, especially in the historical landings.

For 2026, the greater amberjack research track is wrapping up, and we hope to start the operational assessment for gray triggerfish and do a data triage, in consideration of maybe a management procedures approach for the tilefish complex. We've got another operational assessment for scamp, and we'll hopefully be finishing up that black grouper benchmark assessment with FWC. At this point, I will pause and see if you guys have any feedback on the 2025 and 2026 assessments.

 MR. RIECHERS: As we look at gray triggerfish, just because we're coming off of a research track and then moving into a proposed operational track in 2025 to 2026, what is our timing looking like when -- That seems like a difficult back-to-back kind of -- (Part of Mr. Riechers' comment is not audible on the recording.)

MR. RINDONE: It's all contingent on the flow of the research track and the developments that are made there and if there's

any additional work that needs to be done, and so it's difficult, at this point, to say exactly when the gray triggerfish research track would end and when the operational assessment would begin.

The purpose of the research track was to try to provide a little bit more flexibility and be able to explore more nuances and try different things, based on the data available for the stock, and so, if the research track proceeds rather orderly and quickly, then operational assessment presumably would start sooner, and so it would be pending the development of that approach.

CHAIRMAN DIAZ: You can proceed, Mr. Rindone.

MR. RINDONE: All right. Well, we'll just go ahead and mark those with green checkmarks. Under Other Business, the SEDAR Steering Committee talked about the Science Center's data improvement project, which is an online data warehouse, like a portal, where all the data that's used in the stock assessments would be made more available to data users, which will start off with those that have the prerequisites necessary to be able to look at and work with confidential data, and then, in the future, once confidentiality issues are handled, the goal is to make those data available to the public.

 There's also the Marine Recreational Information Program catchweight estimation discrepancy that the Science Center plans to set up a working group to address with the Northeast Fisheries Science Center and to develop a best practices method to handle this issue, and then the Steering Committee also talked about the progress of the MRIP Transition Team and its report from the NOAA Office of Science and Technology from February of 2022, which, at the time, was still being finalized, and that's been distributed now to you guys, via a link that I think Bernie sent out earlier today. A draft of this was provided at the SEDAR 74 data workshop for red snapper.

Then, lastly, the NMFS white paper talking about the process for consideration of the state surveys and inclusion of those into the stock assessment process, and the current plan is to add an addendum to the current version of the NMFS white paper to report everything that has happened so far, as far as the proceedings with the MRIP Transition Team, and a new, updated document was suggested, to avoid confusion, instead of just rereleasing a new version of the old document. Dr. Porch had stated that he would raise this concern about document versions with his colleagues at the Office of Science and Technology.

 The Steering Committee also talked about the status of the SRFS calibration for use in the alternative SEDAR 72 run for gag grouper, and the review of the State Reef Fish Survey data by the consultants was on track and was reviewed, and it was submitted to the Science Center to complete that run for the July 2022 SSC meeting. Everything that I have received so far suggests that that information will be available on time, and the Science Center is completing its work on the rerun of that SEDAR 72 base model, using SRFS in place of FES.

We have the currency of the recreational data for red snapper, and so the intent is to run the research track for SEDAR 74 using MRIP-FES, like we talked about a little bit earlier today, and any estimates for management purposes would be calibrated to the state currency for monitoring purposes. The aim is to complete the Gulf state calibrations though in time for the operational assessment, and, again, that just depends on the progress that's made with the MRIP Transition Team and the states and all the other cooperators.

To this end, the SEDAR Steering Committee made a consensus statement that the SEDAR Steering Committee requests the NOAA Office of Science and Technology and the Gulf states to work expediently to calibrate and approve the red snapper recreational historical landings time series for use in the SEDAR 74 red snapper operational assessment.

Next steps, and so you guys have already taken a look at the 2025 and 2026 assessment schedule, and, if the council supports the consensus statement from the report, it should consider passing a motion, or drafting a letter to the NOAA Office of Science and Technology, stating the need and urgency of that request. Mr. Chair.

CHAIRMAN DIAZ: Thank you, Mr. Rindone. Any questions for Mr. Rindone? Mr. Banks.

 MR. PATRICK BANKS: Just a question, Ryan, and so the consensus statement, and what you guys are asking us to do, is to ask NOAA to get the calibrations done, which I feel like we've sort of been moving down that road, but they need that updated calibration for the stock assessment run, and is that the gist of it? If they don't do the calibrations, they are forced to do the stock assessment using the old data?

MR. RINDONE: If the calibrations are not updated before the operational assessment, the existing calibrations would be used for informing the projections on the backend of the assessment.

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MR. RIECHERS: While Patrick is thinking, and just so remind me again, and two chairs -- It may be three, because it may be the Caribbean as well, but who is on our SEDAR workgroup who suggested this by consensus?

MR. RINDONE: So the Gulf Council's members of the SEDAR Steering Committee are Mr. Diaz and Dr. Simmons, and then Dr. Stunz is there, as the Vice Chair, and then Dr. Froeschke and I also attend all the SEDAR Steering Committee meetings, and, as a cadre, we bounce back and forth ideas and talk about these things, but the seats are Dr. Simmons and Mr. Diaz.

MR. RIECHERS: With our South Atlantic counterparts, and is there representation from National Marine Fisheries Service on that as well?

MR. RINDONE: Yes, and Dr. Porch is the Chair of the SEDAR Steering Committee, and then Mr. Strelcheck is also a member, as the Regional Administrator, and then the Chair and the Executive Director of the South Atlantic and the Caribbean Fishery Management Councils and then the Executive Director of the Atlantic States Marine Fisheries Commission, Gulf States Marine Fisheries Commission, and the director, the Branch Chief, for the NMFS Atlantic Highly Migratory Species Division.

CHAIRMAN DIAZ: Just to add to the last comment on Ryan's slide, at the data workshop, one of the recommendations at the data workshop was to urge the Office and Science and Technology to also have these calibrations done prior to the operational assessment and ready to go, and so that also came out of the data workshop. Mr. Banks.

MR. BANKS: We already have calibrations, and so the work that they're doing is to update those calibrations that we've already been grappling with in red snapper, and is that correct? I know they're continuing to work through calibration stuff, and, for instance, they presented some different calibrations for Texas, for instance, but we have calibrations already that they have presented to us.

MR. RINDONE: Correct, and those were based on the information that was presented to the SSC back in 2020, and, since then though, the MRIP Transition Team has been working with the Gulf states to evaluate different sets of data and make improvements to the surveys, and any changes in these surveys could result in differences in the calibration ratios.

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 I know that Mississippi has explored -- Has hired consultants to evaluate the Tail 'n Scales program and the way in which it estimates landings for that state, and there were some revisions that were made by the State of Florida and the responses to concerns from the consultants, and these states obviously can speak to their own situations, but there's been a continuing evolution of work that has gone on with several of the states with respect to how their data are being treated and how that will ultimately affect their calibration to a global Gulf-wide currency. Mr. Chair, it's probably more appropriate that some of the states speak for themselves on this.

CHAIRMAN DIAZ: Mr. Burris.

MR. RICK BURRIS: Ryan covered it, and we're working with a consultant. I think, through the month of July, we've already procured him, and they're feeding data to him, but we feel like — When talking to the MRIP Transition Team and the consultants, we feel like, once we clean up some of that, then we'll have a much better calibration, or a calibration ratio that's a little bit more easy to swallow.

CHAIRMAN DIAZ: Mr. Anson.

MR. KEVIN ANSON: I'm not on your committee, but thank you, and, just to further the discussion, I appreciate the concern and the consensus statement that was developed at the SEDAR Committee, but I just want to also add that, back in August of 2021, the council passed a motion to essentially request the NOAA Office Science and Technology work with the commission associated state partners to conduct a data workshop to include examination of how wave-specific estimates associated with low sample size and shortened seasons may affect the CHTS and FES recreational red snapper landings and corresponding calibration Findings from the workshop, including recalculated calibration ratios and associated data inputs shall be reviewed for appropriateness for management use by the SSC prior to calibration implementation, currently scheduled to occur That's that motion, but, again, I appreciate January 1, 2023. all the context or conversation that's going on.

**CHAIRMAN DIAZ:** Okay. Any further comments? Mr. Rindone, do you have anything?

MR. RINDONE: Just to ask whether the council supports that consensus statement and if it is inclined to have a letter drafted to the NOAA Office of Science and Technology to that

effect, and so just, I guess, a thumbs-up or thumbs-down.

CHAIRMAN DIAZ: Mr. Banks.

MR. BANKS: I am trying to understand what this letter is going to -- What it's going to do, especially considering the motion.

MR. RINDONE: The intent of the Steering Committee -- The Steering Committee itself isn't going to draft a letter directly to one of its own -- To, technically, one of its own members, being NOAA Fisheries, and so the intent of the letter is just to express the importance of trying to avoid any sorts of roadblocks, like treat this with the utmost priority, because the operational assessment for red snapper and the data that are used to inform the operational assessment are contingent upon the progress that is made between the states and the MRIP Transition Team, and so, if things are left as they are, then the current ratio that's on the books -- The current ratios that are on the books, that's what will be used from 2020.

If the process takes longer than that, and its pace runs slower than that of the assessment process, then that's fixed, but, if the process is able to be completed in such a timely fashion that it allows for more incorporation of the state data into the process, then that could be possible, and so it just depends on what the will of the council ultimately is.

CHAIRMAN DIAZ: Mr. Banks.

MR. BANKS: It just seems like the Office of Science and Technology would know the urgency of the calibration issue, and I don't see how a letter from the council would really do anything. I mean, if they don't see this as a big issue, and they chair the committee -- I mean, that seems to be something that we've got a disconnect there. I mean, I don't know that I necessarily mind writing the letter, but I just wonder why we need to do these kinds of things.

CHAIRMAN DIAZ: I think Dr. Porch is the chair of the SEDAR committee, and Science and Technology is a different branch of NOAA, if I understand that correctly.

MR. BANKS: Yes, but it's still NOAA, I guess is where I'm going with that. Again, I don't know that I mind writing the letter, but it just seems like this shouldn't even be an issue here, but anyway.

CHAIRMAN DIAZ: Go ahead, Dr. Simmons.

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 EXECUTIVE DIRECTOR SIMMONS: Thank you, and so I think what we were trying to put here, having just participated in the red snapper data workshop the previous week, was the operational assessment projections will be in MRIP-FES for red snapper, if this is not completed, and so maybe everyone else already understood that, but the way I understand what this consensus statement is saying is, for exactly what just occurred for gag grouper, with the State Reef Fish Survey, is you have that MRIP-calibrated historical time series, and you have the state time series, and there's some reconciliation with those calibrations, not only for one year, but multiple years back in time.

Then the consultants are brought in, and they review that back and forth with the various states, and that is finalized and then used for one time series for that particular stock, and so that would have to occur five times, I'm assuming, for red snapper, and that has yet to be done, and so maybe that's crystal clear to everyone else, but that really wasn't crystal clear to us until I went to the red snapper data workshop, and so that was the intent of the motion, and, if you think it's not necessarily, that's fine, too.

CHAIRMAN DIAZ: Thank you, Dr. Simmons.

MR. BANKS: Well, I guess I just have a question for you, Mr. Chairman. If you feel like this is necessary to reiterate the calibration is important, then I will make a motion to write the letter, but it just seems like --

CHAIRMAN DIAZ: I think what it would do is it would put the council on the record that we think this is a very high priority and that this work, if at all possible, needs to be completed before the operational assessment. Mr. Riechers.

MR. RIECHERS: When we passed the other motion, and Kevin just said it, did we write a letter then, or was it a motion that we just -- I don't remember.

DR. JOHN FROESCHKE: What was the date of that motion, Kevin?

42 MR. ANSON: It was from the August 2021 meeting.

44 DR. FROESCHKE: We'll double-check.

CHAIRMAN DIAZ: Mr. Banks.

48 MR. BANKS: Mr. Chair, I will make the motion to write the

letter, based on your recommendation, but, if the Full Council votes that down, I would be okay with that, too.

CHAIRMAN DIAZ: Okay.

6 MR. RIECHERS: I have a provisionary amendment, before I second 7 it.

9 CHAIRMAN DIAZ: Go ahead, Mr. Riechers.

MR. RIECHERS: I would say, if we -- That we support the motion, and we write the letter, but, if we did send a past letter, I think the past letter, and even the motion, should be included, because, if we made a motion like that, it should have been conveyed in some way, and I don't know how it was conveyed, by email, word-of-mouth, letter, but it at least should be recognized that we have passed the previous motion, and so I just add that we either add that letter or recognize that in the letter somehow.

CHAIRMAN DIAZ: Okay. I think we can do that.

**EXECUTIVE DIRECTOR SIMMONS:** Mr. Chair, those were letters that we sent. We've sent multiple letters to NOAA S&T, and we can circulate those and make sure they're included in this other letter, if you so choose.

**CHAIRMAN DIAZ:** Do you still want to go forward with it, being as we did write a letter before, Patrick?

MR. BANKS: Yes, and let's write another letter.

CHAIRMAN DIAZ: Okay, and so we have a motion to go ahead and direct the staff to write a letter.

MR. RINDONE: I would say to draft a letter commensurate with -To draft a letter commensurate with the SEDAR Steering
Committee's consensus statement to the NOAA Office of Science
and Technology stating the need and urgency of this request.

**CHAIRMAN DIAZ:** Okay. Mr. Banks, are you okay with that 42 wording? The seconder, Mr. Riechers?

44 MR. RIECHERS: Yes, and I'm assuming though that the provisionary portion is in that motion.

47 CHAIRMAN DIAZ: Okay, and so we have a motion, and it's seconded. Is there any opposition to the motion? Any

discussion on the motion? Any opposition? The motion carries. Is there any other business to come before the SEDAR Steering Committee? Mr. Gill.

## OTHER BUSINESS

MR. BOB GILL: Thank you, Mr. Chairman. I'm not on your committee, and we all know that this SEDAR Committee, Gulf SEDAR Committee, is formulated ex-officio, and so it's populated by chairs of the committees that are named, but one of them happens to be the Red Drum Committee chair, and that may have been applicable and the proper thing to do way back when, but it seems to me that, nowadays, that's not appropriate, and we ought to consider reformulation of the SEDAR Committee to reflect the current state of the council and who the best committees to be represented on the SEDAR Committee, and I recommend that to your attention, Mr. Chairman.

CHAIRMAN DIAZ: Thank you, Mr. Gill. Ms. Bosarge.

MS. LEANN BOSARGE: (Ms. Bosarge's comment is not audible on the recording.)

CHAIRMAN DIAZ: No, and, I mean, if there's anybody else that wants to weigh-in on that, and it's something that we would take into consideration and have some further discussion about.

MR. BANKS: I would be supportive of that.

**CHAIRMAN DIAZ:** Go ahead, Ms. Bosarge.

MS. BOSARGE: I would be supportive of that. On a different subject, and maybe we can bring it up at Full Council, but you know we've had this discussion a lot from our fishermen lately, or comments a lot from our fishermen lately, about sharks, and so, in all my spare time, I listened in to a couple of the workshops for the hammerhead stock assessment that HMS has ongoing right now.

I learned a lot, and it was very interesting, and you know me, and I always like to learn about new things, and, you know, I saw that they have a longline survey that they use as an index in that, and it actually -- It's funny, because it actually shows, pretty much, what our fishermen have been saying, that that last data point is somewhat trending up, with some bumps in it, okay, but not like exponentially up, right, but up some, but that last data point was through the roof, right, up there, and I think it had a terminal year of maybe 2017 or 2018 or 2019,

somewhere right in there, and so it's a few years old still, but, still, it was high.

 That matches with what we have heard, and, unfortunately, I don't think they're going to use that data point. They had some conversation about it, and I couldn't follow it all. You know, it's not what I do for a living, but that's a migratory species, and so there was some conversation that this data point is just not biologically feasible, and maybe this has to do with some changes in migratory patterns or something, that these sharks are showing up earlier, something like that, but they were caught.

I mean, these were caught on a longline, and so it's real observations, real data, but so I say this because it was very interesting. There are kind of a limited number of scientists involved in that, and it's not a huge field, it doesn't seem like, and they use a lot of international data to base their assumptions on, which rightfully so, and it's a species that moves around a lot.

The point I'm making is I really feel like, if we could get things like that in front of a broader audience, and maybe involve more of our fishermen in some of those discussions, where they could give some specific feedback, and our scientists here in the Gulf, that are also out on the water seeing some of these things, maybe we could, you know, improve upon that science somewhat.

I'm sure that we have some fishermen out there that could tell you some things about some migratory patterns of sharks changing over the years, and maybe what could be driving things like that, and add some more color to some of this data that is being seen and trying to be interpreted and utilized in these assessments.

 In that particular case, I think they're going to remodel the whole time series, to kind of buffer it down, those observations of the sharks, and so I hope that, whenever that assessment is finished on hammerheads, that we will let a presentation be given to our SSC, the way we get presentations on other assessments, and, obviously, it will not be our job to approve that, nor to peer review it, and it would be informational only, but I think it will start the dialogue.

I think they also have extremely limited recreational data, and imagine that. You think ours is rough, and theirs is worse, okay, and so, you know, we can start to engage some of that

conversation as well and see if there's a way to improve upon that, that maybe we have something that's useful to them.

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There was some interest in our tool that we have, where we survey fishermen, but I think they would really have to take it and change it to fit their needs, okay, but, until we keep engaging that conversation, I don't think that will ever happen, and so I really hope we can get that in front of our SSC, when the time comes.

Obviously, it doesn't have to be right away, and there's nothing time sensitive about it after it comes out, and we don't manage them, but, eventually, I would love to have that presented and continue this dialogue, so that we don't have fishermen that keep coming up here to us and they feel like we never do anything, and we're just in one ear and out the other.

CHAIRMAN DIAZ: Thank you for that, Ms. Bosarge. Back to Mr. Gill, and, if you have some ideas on how to refigure this committee, Mr. Gill, at Full Council would be a good time to maybe bring that up. I don't want to not address your concerns, or we could talk about it offline and bring it up at a future meeting, and try to figure out if there's some better way to populate that committee. Go ahead, Mr. Gill.

MR. GILL: Just to be clear, this was not intended to impugn Mr. Banks.

CHAIRMAN DIAZ: All right. I am not seeing any other business, and I think there's a function later for Ms. Bosarge. It's the last meeting for Ms. Bosarge, and we're going to have some words for her later. If there's no other business for the SEDAR Committee, we're going to adjourn the SEDAR Committee.

(Whereupon, the meeting adjourned on June 22, 2022.)

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