

GULF OF MEXICO FISHERY MANAGEMENT COUNCIL  
HABITAT PROTECTION AND RESTORATION COMMITTEE

Webinar

April 14, 2021

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Patrick Banks.....Louisiana  
Leann Bosarge.....Mississippi  
Dale Diaz.....Mississippi  
Phil Dyskow.....Florida  
Tom Frazer.....Florida  
Joe Spraggins.....Mississippi  
Greg Stunz.....Texas  
Ed Swindell.....Louisiana

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Susan Boggs.....Alabama  
Dave Donaldson.....GSMFC  
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2	Spud Woodward.....	SAFMC
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1 The Habitat Protection and Restoration Committee of the Gulf of  
2 Mexico Fishery Management Council convened via webinar on  
3 Wednesday morning, April 14, 2021, and was called to order by  
4 Chairman Patrick Banks.

5  
6 **ADOPTION OF AGENDA**  
7 **APPROVAL OF MINUTES**  
8 **ACTION GUIDE AND NEXT STEPS**  
9

10 **CHAIRMAN PATRICK BANKS:** I will call the Habitat Committee to  
11 order. We can start by reviewing the membership of the  
12 committee, and it's myself as the Chair, General Spraggins as  
13 the Vice Chair, and we have Leann Bosarge, Dale Diaz, Phil  
14 Dyskow, Glenn Constant, Bob Shipp, Greg Stunz, and Ed Swindell  
15 on the committee.

16  
17 With that, we'll move on to Adoption of the Agenda. You should  
18 have the agenda there shown on the screen, and the agenda is in  
19 Tab P, Number 1.

20  
21 **MR. ED SWINDELL:** I move we adopt.

22  
23 **CHAIRMAN BANKS:** We have a motion by Ed Swindell to adopt the  
24 agenda. Do I hear a second?

25  
26 **DR. GREG STUNZ:** I will second that.

27  
28 **CHAIRMAN BANKS:** Thank you, Greg. We have a motion on the floor  
29 with a second. Is there any opposition to the motion? Hearing  
30 none, the agenda is adopted. Tab P, Number 2 is the minutes  
31 from our last meeting, which was nearly two years ago, and, if  
32 anybody has any changes to those minutes, I would certainly like  
33 to hear them now. If not, I will entertain a motion to approve  
34 those minutes.

35  
36 **MR. DALE DIAZ:** So moved.

37  
38 **CHAIRMAN BANKS:** We have a motion to approve. Can I get a  
39 second?

40  
41 **DR. STUNZ:** I will second.

42  
43 **CHAIRMAN BANKS:** We have a second as well. Any opposition to  
44 approving those minutes? Hearing none, those minutes are hereby  
45 adopted and approved, and so we'll move on to Item Number III on  
46 the agenda, Action Guide and Next Steps, and I will turn it over  
47 to Dr. Hollensead. This is Tab P, Number 3.

1 **DR. LISA HOLLENSEAD:** Thank you, Mr. Chair. I think, in the  
2 interest of time, we had talked about perhaps delaying the  
3 presentation on the Generic EFH Amendment to a later date and  
4 focusing on the Executive Order agenda item, Number V, and I was  
5 wondering, Mr. Chair, if that's something you would be amenable  
6 to doing during this session.

7  
8 **CHAIRMAN BANKS:** I certainly would be, and I would entertain a  
9 motion by a committee member to delay that item. Can I get a  
10 motion from somebody?

11  
12 **MR. SWINDELL:** I so move.

13  
14 **CHAIRMAN BANKS:** I have a motion by Mr. Swindell. Can I get a  
15 second?

16  
17 **DR. STUNZ:** Second.

18  
19 **CHAIRMAN BANKS:** Thank you for the second. Any opposition to  
20 delaying the discussion of the Generic EFH Amendment and the  
21 Five-Year Review? Hearing none, that motion is adopted, and so  
22 we will delay that item until our next committee meeting. Go  
23 ahead, Dr. Hollensead.

24  
25 **DR. HOLLENSEAD:** Thank you, Mr. Chair. In that case, I would  
26 like the committee to focus on what we have up on the docket for  
27 Agenda Item V, and so this will be a discussion on President  
28 Biden's Executive Order Titled "Tackling the Climate Crisis at  
29 Home and Abroad". Specifically, we'll be focusing on Section  
30 216(c), Conserving our Nation's Lands and Waters.

31  
32 With this order, there has been a call for comments about how to  
33 implement these sorts of things and how to provide some insight  
34 on resiliency of fisheries in the face of climate change  
35 considerations, and so I believe we have Dr. Paul Doremus from  
36 NOAA Headquarters, who is going to give an overview of this,  
37 and, at any point, take in any comment from the committee, and  
38 so the committee should please listen to the presentation, ask  
39 any questions, and provide insight on how the effects of climate  
40 change relate to fisheries resiliency, and so that concludes the  
41 Action Guide, and I would be happy to take any questions, if  
42 there are any.

43  
44 **CHAIRMAN BANKS:** Thank you, Dr. Hollensead. Are there any  
45 questions on the Action Guide and Next Steps? Hearing none, we  
46 have delayed Item IV on the agenda, and so we'll move on to what  
47 Dr. Hollensead just described, Action V, and we welcome Dr.  
48 Doremus. Welcome, Paul, to the meeting, and we are excited to

1 hear your presentation. You can find that at Tab P, Number 5,  
2 and then some background information at Number 5(a). Go ahead,  
3 Dr. Doremus.

4  
5 **DISCUSSION SESSION ON PRESIDENT BIDEN'S E.O. 14008, SECTION**  
6 **216(c) TITLED "TACKLING THE CLIMATE CRISIS AT HOME AND ABROAD"**  
7

8 **DR. PAUL DOREMUS:** Thank you, Mr. Chair. It's a great pleasure  
9 to be able to connect with the council today, and I really do  
10 appreciate you making time for this topic. We're here today to  
11 discuss a piece of this Executive Order 14008, Section 216(c).  
12 If you advance to the next slide, that really sets out the core  
13 question for us.

14  
15 Under this section, we're being asked to collect input from  
16 fishermen, regional ocean councils, fishery management councils,  
17 scientists, and other stakeholders on how to make fisheries and  
18 protected resources more resilient to climate change, and this  
19 includes changes in management and conservation measures and  
20 improvements in science, monitoring, and cooperative research,  
21 and this is part of a very broad effort on behalf of President  
22 Biden, who has clearly shown a lot of interest in minimizing the  
23 effects of climate change across all sectors, and this direction  
24 is really tailored to our collective work in the fisheries and  
25 protected resources science and management enterprise.

26  
27 We have certainly seen plenty of research showing that fisheries  
28 and protected resources, and their associated habitats and  
29 ecosystems, are being affected by climate-related changes, such  
30 as warming oceans, increasing acidification, rising seas, and  
31 we've had a lot of discussions around the country on impacts in  
32 the distribution and abundance of marine species, and,  
33 consequently, on the people and the communities that depend on  
34 those resources, and so we're working, across the country, with  
35 partners to understand and respond to changing climate and ocean  
36 conditions and help minimize impacts and adapt to the changes  
37 that we see or we anticipate and ensure that future generations  
38 can enjoy the benefits of healthy marine ecosystems.

39  
40 We're here today because of the absolutely integral role that  
41 councils play in our entire fisheries management structure,  
42 bringing together the fishing industry, states, tribes, and  
43 NGOs, to ensure that federal regulations are appropriate for  
44 managed species, for industry, and for the public, and your  
45 expertise is absolutely paramount in determining how we go about  
46 ensuring that we're doing everything we can to sustain resilient  
47 fisheries and protected resources, and so our core mission.

1 That's why, today, we're turning to you, to get your thoughts  
2 regarding how to make fisheries and protected resources more  
3 resilient to climate change, and this can cover any aspect of  
4 NOAA authority that relates to this goal, this overall goal of  
5 the Executive Order, including the Magnuson-Stevens Act, the  
6 Endangered Species Act, the Marine Mammal Protection Act, the  
7 National Marine Sanctuaries Act, the Coastal Zone Management  
8 Act, and others.

9  
10 We will use the input gathered to inform the next steps during  
11 this whole process, including our own next series of regional  
12 action plans under our NOAA Fisheries Climate Science Strategy,  
13 and we also had put out a broad call for public comment that  
14 were due in at the beginning of the month, and I also wanted  
15 just to note here that the website is available for continuous  
16 update on our process.

17  
18 We are talking to all councils around the country, and we are  
19 talking to the commissions, and we are having broad public input  
20 sessions, and we will continue this discussion, and we obviously  
21 are already past that immediate deadline, throughout 2021, and,  
22 today, we're here really in listening mode. Mr. Chair, I  
23 apologize that I do have to drop off at 11:00 for a previously-  
24 scheduled meeting, and Heather Sagar on our staff will be able  
25 to pick up and close the session on my behalf, but we really do,  
26 again, want to thank all of you in advance for your thoughts and  
27 your comments.

28  
29 This will be part of a long-term process for us of responding to  
30 environmental changes, broadly construed, and looking at how we  
31 can best manage the marine resources and address the concerns of  
32 the community that depend on those resources, and so thank you  
33 again, Mr. Chair, and the entire council, for the time today,  
34 and we look forward -- I will turn the mic back to you, and  
35 we'll look forward to your thoughts and recommendations on this  
36 topic.

37  
38 It might be helpful to just back up to the previous slide and  
39 leave that up, as that is, in effect, our charge, and you can  
40 use that as a reference point as we look into these broad  
41 questions, and so thank you once again.

42  
43 **CHAIRMAN BANKS:** Thank you, Dr. Doremus. We appreciate you  
44 giving us your time, and I know, in your role right now with  
45 NOAA, you're extremely busy, and so we appreciate the time you  
46 gave us today. I guess I will turn it over to the committee, to  
47 see if there are any questions of Dr. Doremus, or any thoughts  
48 that anybody wants to put forward.

1  
2 Certainly, here in Louisiana, we're seeing issues with climate  
3 change, rising sea levels and changes in the species we manage  
4 just on a state basis, and so we're seeing, certainly, some real  
5 effects here, but I would love to hear some thoughts, or maybe  
6 some questions, from committee members. It looks like we have a  
7 hand up from Ms. Bosarge. Go ahead, Leann.

8  
9 **MS. LEANN BOSARGE:** Thank you. I think -- I guess two main  
10 points. I think one thing that we need to really, I guess,  
11 assist in our management and understanding is that raw data.  
12 Sometimes I don't think some of that very basic raw data is  
13 synthesized and pooled together in such a way that it can really  
14 be presented to us in a fashion where we can utilize it to  
15 understand what's happening and better manage our fisheries.

16  
17 Even something as simple as pH for the Gulf of Mexico, in our  
18 kind of coastal environments right there, or water temperature,  
19 and water temperature not just on the surface, but at the  
20 seafloor as well.

21  
22 That kind of information, across the Gulf, is really -- It is  
23 captured, and I know the states -- In oyster management, they're  
24 capturing that kind of data, right, on the coastal side of  
25 things, but that's a state-by-state thing, and I think they may  
26 do it sometimes for some of their shrimp management in the  
27 states too, but it's not being pooled together and synthesized  
28 so that we can see, broadly across the Gulf, how these things  
29 are changing.

30  
31 I think something as simple as that could be helpful, and then  
32 the other thing is this idea of fishery resilience with this  
33 climate change, which, on the commercial side, means business  
34 resilience, which equates to that next generation of fishermen,  
35 and so I think that you really need to think about that as well,  
36 and supporting that next generation of fishermen, when you talk  
37 about this changing environment and changing environmental  
38 climate and business climate that they're going to be facing.  
39 Thank you.

40  
41 **CHAIRMAN BANKS:** Thank you, Leann. Good comments. It looks  
42 like we have Dr. Stunz with his hand up. Go ahead, Dr. Stunz.

43  
44 **DR. STUNZ:** Thank you, Mr. Chairman, and, also, thanks for the  
45 presentation, and, obviously, it's useful information. I really  
46 think this concept goes a little beyond even this committee.  
47 For example, it clearly, obviously, fits in with the ecosystem-  
48 based management and many of the other presentations that we've



1 had in the past, and so now it looks like there's a little more  
2 effort, obviously, to move in that direction, and so I don't  
3 know, really, the best way to handle that.

4  
5 Maybe, Mr. Chairman, this is kind of directed at you, in the  
6 sense that how we handle this goes beyond just habitat and that  
7 sort of thing, and so I don't have a real good solution of how  
8 we address this at the council level, but it may require maybe  
9 some special meetings or something like that with the right  
10 people from the right committees that we have to figure out how  
11 we could implement this. Right now, I don't have the perfect  
12 solution, but we definitely need to give it some more  
13 discussion.

14  
15 **CHAIRMAN BANKS:** I would agree with that, Dr. Stunz, and I am  
16 certainly willing to sit down with some of the heads of those  
17 other committees and start to put together some thoughts from  
18 the council, and there's just a number of issues out there and a  
19 number of ways we can try to help deal with the climate crisis.

20  
21 One of the things we try to look for here in Louisiana to try to  
22 help our fisheries, and not necessarily the species, but the  
23 fisheries members, is just come up with options, and never force  
24 the industry into any one option, but try to come up with  
25 workable options for the industry. Let them choose what makes  
26 sense for them.

27  
28 One example is expand the types of opportunities they have to  
29 make a living in the fisheries world, and so maybe that's trying  
30 to help them develop markets for underutilized species, for  
31 example, that don't seem to be as impacted by climate change, or  
32 maybe just even expand areas in which they can fish, that may  
33 have not been previously available to them, and so I think  
34 there's a lot here, and a lot to discuss, and then I'm certainly  
35 -- I think it was a good suggestion you made for us to sit down  
36 with some of the other committees and go through this in-depth.  
37 It looks like Dr. Simmons has her hand up. Go ahead, Dr.  
38 Simmons.

39  
40 **EXECUTIVE DIRECTOR CARRIE SIMMONS:** Thank you, Mr. Chair. I  
41 agree that those are great ideas, and we'll continue to talk  
42 about this at the May Council Coordinating Committee meeting. I  
43 just wanted to remind the committee and council that we did send  
44 a letter, and I think it was March 12, to the Secretary of  
45 Interior, Deb Haaland, and the Secretary of Commerce, Gina  
46 Raimondo, and that letter provided some comments and  
47 recommendations, not only on Section 216(a) of the Executive  
48 Order, but also the -- Excuse me. Not only 216(c), but

1 216(a)(ii) of the Executive Order, regarding that taskforce and  
2 some of the things that the council has done, historically, and  
3 how Magnuson has directed us in managing for over forty years  
4 and how, really, it's the gold standard for sustainable fishing  
5 practices. If you would like us to redistribute that letter, I  
6 can. Thank you.

7  
8 **CHAIRMAN BANKS:** Yes, please do. I am searching my email right  
9 now for it, but please resend it to this. Thank you. I think I  
10 saw another hand up. Maybe Martha. Go ahead.

11  
12 **MS. MARTHA GUYAS:** Thanks for recognizing me, because I'm not on  
13 your committee, despite my just shouting out motions earlier,  
14 but, sort of in line with Carrie's comments, FWC provided a  
15 letter to Dr. Doremus, in response to this request for ideas,  
16 and I would be happy to share that with the council. We had  
17 many, many recommendations for direction for research.

18  
19 As Leann kind of alluded to, human dimensions and ensuring that  
20 communities are resilient, fishing communities are resilient, to  
21 climate change, and then, also, potential management, and so I'm  
22 happy to share that, if you all would like that.

23  
24 **CHAIRMAN BANKS:** I certainly would like to see it, and so thank  
25 you, Martha. Any other comments by the committee? Dr. Frazer,  
26 it appears. Go ahead, Dr. Frazer.

27  
28 **DR. TOM FRAZER:** Thank you, Mr. Chair. I just wanted to follow-  
29 up on a comment that Dr. Stunz made. We clearly have a  
30 tremendous challenge ahead of us, as it relates to climate  
31 change, and I think we need to think a little bit more about how  
32 we incorporate ecosystem-based management into our strategy. I  
33 mean, there's so much going on, right? I mean, we're going to  
34 have to factor changing habitats, for example, into --

35  
36 **EXECUTIVE DIRECTOR SIMMONS:** Dr. Frazer got disconnected. Could  
37 you go to Dr. Stunz and come back?

38  
39 **CHAIRMAN BANKS:** Okay. Go ahead, Dr. Stunz. We'll come back  
40 to Dr. Frazer.

41  
42 **DR. STUNZ:** Sure. Just a quick follow-up, and, Carrie, I think  
43 it's good for us to hear what other councils might be doing, and  
44 so maybe we can learn from each other in how we're all  
45 implementing and addressing this, but, in addition, Patrick, to  
46 the committee that we have, I mean, obviously, our Ecosystem  
47 Committee is the obvious fit to build this in, but, because of  
48 what the language says here, in terms of the interaction with

1 the fishing constituents, it's that our Outreach Committee would  
2 be very key to be involved as well, and so it looks like it  
3 would be more of the sort of science-type committee approach,  
4 but also how we're going to interface and get that input from  
5 the fishermen, obviously, is going to be key.

6  
7 **CHAIRMAN BANKS:** Very good point. Dr. Porch, you're next. It  
8 looks like we have Dr. Porch's hand up, but, Dr. Porch, are you  
9 there? Okay. We'll move back to Dr. Frazer, to finish his  
10 thoughts.

11  
12 **DR. FRAZER:** I appreciate you guys entertaining a few comments.  
13 Really, the crux of the matter, for me, really, is the thinking  
14 about -- We have to think about being a bit more flexible as we  
15 move ahead, right? For example, we have harvest quotas that are  
16 established right now, primarily on the basis of historical  
17 landings, but I think we're going to have to be able to account  
18 for changes in both habitats and changes in distribution of the  
19 species that we exploit, and that flexibility is not currently  
20 available, I think, in Magnuson, at least the way that we  
21 interpret it, and so there's a lot of work to do in moving  
22 ahead, and, again, I think that we should start to pay a bit  
23 more attention to our ecosystem-based management plan, and so I  
24 will stop there. Thanks, guys.

25  
26 **CHAIRMAN BANKS:** Thank you, Dr. Frazer. Dr. Porch, are you on?  
27 We'll go to you.

28  
29 **DR. CLAY PORCH:** Sorry, but the phone died just as you called my  
30 name. I just wanted to remind the council and staff that we  
31 actually have a very nice ecosystem status report that we worked  
32 on jointly with the Atlantic Ocean Meteorological Laboratory,  
33 and I can send that link to Carrie and Leann and whoever is  
34 interested, and maybe you can distribute that more broadly, but  
35 I think that would be a very useful resource for the council  
36 efforts in this regard.

37  
38 **CHAIRMAN BANKS:** Thank you, Dr. Porch. I appreciate that. Any  
39 other comments on this topic? All right. Hearing none, we can  
40 move on to Other Business under the committee. Does anybody  
41 have any other business?

42  
43 **DR. HOLLENSEAD:** Mr. Chair, I believe that Dr. Simmons had a  
44 comment.

45  
46 **CHAIRMAN BANKS:** I see that. I apologize. Dr. Simmons, go  
47 ahead.

1 **EXECUTIVE DIRECTOR SIMMONS:** Thank you, Mr. Chair. I didn't  
2 know if Dr. Doremus could talk a little bit more about timing  
3 and how much time the councils really have to try to develop  
4 some of these recommendations and refine them. I know there was  
5 a Federal Register notice with a comment period that has already  
6 closed already, and could you speak a little bit more about how  
7 long we have to get this together in the best form possible to  
8 provide? Thank you.

9  
10 **DR. DOREMUS:** Thank you very much, and, at this point, as I  
11 indicated earlier, we anticipate this to be a long-term process,  
12 and so we really don't have an endpoint on collecting input, and  
13 we're making a concerted effort, early in the process, to make  
14 sure we hear, as widely as possible, from the types of interests  
15 that I identified earlier, across our stakeholder community, and  
16 we're certainly taking what time we need to work very closely  
17 with the councils and also with the sort of synthesis that the  
18 CCC can provide, as was mentioned earlier.

19  
20 We are able to take input, and willing to take input, at any  
21 time, and we're trying to push now, given that it's early in the  
22 process, and we've got -- We can foresee a lot of further  
23 development, and we want to make sure that we make a good round,  
24 early in, and get your views.

25  
26 The letters that were mentioned earlier, we have received, and  
27 it is very helpful both to hear people's thoughts in these kinds  
28 of forums, but also written comments submitted to us, and, where  
29 they do intersect with other pieces of the EO, as was mentioned  
30 earlier by Carrie, we're making sure that we coordinate with  
31 other federal agencies, where some of the input relates to  
32 different authorities across the federal sector.

33  
34 There is really not a deadline, and we really do appreciate  
35 written comments in particular, and it's extraordinarily helpful  
36 to have that record, and we'll continue to interact, over time,  
37 on this topic, and, as we get more information and greater  
38 clarity with how the administration is going to proceed on this  
39 topic, we will certainly be in touch and let you know, as we  
40 develop a sense of what the additional milestones are going to  
41 be and the timing of work on interpreting and developing some  
42 type of response. That's not clear yet. The initial direction  
43 was to get underway and have these engagements and to gather the  
44 relevant views, and that's what we're doing here today. Thank  
45 you.

46  
47 **CHAIRMAN BANKS:** Thank you, Dr. Doremus. Any other comments on  
48 this topic from the committee? Go ahead, Dale.

1  
2 **MR. DIAZ:** Two things. One is we do have public comments later  
3 today, and I would encourage people that are listening on the  
4 line that are going to make public comments -- If they have some  
5 ideas that think is relevant to this topic, ideas or concerns or  
6 maybe things they want to make sure that we put on our list of  
7 things to think about, and I think that would be helpful, if we  
8 could get some comments from the public, written or verbal,  
9 today.

10  
11 Also, just, when I first started thinking about this, the first  
12 thing I thought about is, in state waters, flounder.  
13 Temperatures are affecting the ratio of males and females in the  
14 flounder population off of -- From some of the stuff I've been  
15 reading, and I think sea turtles is another thing of concern. I  
16 know we're concerned about protected species here, and so  
17 they're also temperature driven on how they develop. Thank you,  
18 Mr. Chairman.

19  
20 **CHAIRMAN BANKS:** Thank you, Dale. That's a good point. I'm not  
21 a huge advocate for hatcheries, but, when you start looking at  
22 something that's affected by temperature, and you have an  
23 incorrect ratio of males to females, or vice versa, then that is  
24 something that I think a hatchery could help us with, and so  
25 it's certainly something that has helped the alligator industry  
26 over the years, and brought the alligator back from the brink of  
27 -- Well, I wouldn't say the brink of extinction, but certainly  
28 from the endangered situation, and hatcheries have brought that  
29 to where we have more alligators today in the wild, certainly in  
30 Louisiana, than we ever have, almost to a problem, I would say,  
31 and so I think that, while I, again, have never been a big  
32 proponent of hatcheries, in terms of population expansion, or  
33 augmentation, I do think helping a sex ratio that seems to be a  
34 little bit off-kilter -- There could be some opportunities  
35 there, and so maybe some federal funding for those opportunities  
36 could help us, in terms of flounder, and maybe even sea turtles.  
37 Any other comments from the committee? Mr. Swindell.

38  
39 **MR. SWINDELL:** Thank you, Mr. Chairman. Mr. Doremus, one of  
40 things that always concerns me is that we are managing resources  
41 is basically a tub of water called the U.S. Gulf of Mexico, and  
42 we have to always be aware of the science that is needed in this  
43 environment to manage the resources that are contained in it.

44  
45 I always am concerned that the federal government has to be  
46 aware of how just critical it is for us to manage things in this  
47 virtually closed environment that we're having to manage in, and  
48 so please keep -- Let the government be aware of how important

1 it is that we support the NOAA Fisheries Science Center and  
2 everything that we have to deal with here to make certain that  
3 the resources that we're trying to protect, and trying to do the  
4 best we can with, in this Gulf of Mexico. Thank you, sir.

5  
6 **CHAIRMAN BANKS:** Thank you, Ed. Any other comments? We're  
7 running up against our time limit here, committee. Any other  
8 last-minute comments? Dr. Simmons, did you have any?

9  
10 **EXECUTIVE DIRECTOR SIMMONS:** Thank you, Mr. Chair. It sounds  
11 like we have a little bit more time to think about this, and so  
12 my suggestion is that staff kind of brainstorm and look at the  
13 materials that were suggested and perhaps come up with a draft  
14 list for June and include more than one committee to take a look  
15 at that, if that sounds like a reasonable approach. Thank you.

16  
17 **CHAIRMAN BANKS:** I think it does, as long as it stays within the  
18 Habitat Committee, and I think that's appropriate, but certainly  
19 other committees can weigh-in, as suggested by Dr. Stunz, and I  
20 think that's appropriate. Okay. Any other business to come  
21 before the committee? All right. Hearing none, I will turn it  
22 back over to Mr. Chair, Dr. Frazer.

23  
24 (Whereupon, the meeting adjourned on April 14, 2021.)  
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