Maryland DNR Fall Meeting of the Sport Fisheries Advisory Commission

Tuesday, October 18, 2016

Held at theTawes State Office Building
Annapolis, Maryland

Maryland DNR Summer Meeting of the Sport Fisheries Advisory Commission

October 18, 2016

SFAC Members Present:

Bill Goldsborough, Chair

Micah Dammeyer Rachel Dean Mark DeHoff Jim Gracie Rob Hardy Phil Langley Val Lynch Dr. Ray P. Morgan II John Neely Ed O'Brien Chris Pittas (proxy for Beverly Fleming) David Sikorski Dave Smith (proxy for James Wommack) Tim Smith Roger Trageser James Wommack

SFAC Member Absent:

Beverly Fleming James Wommack

Maryland DNR Fisheries Service

David Blazer Paul Genovese

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1	AFTERNOONSESSION
2	(2:00 p.m.)
3	Welcome and Announcements
4	by Bill Goldsborough, Chair, SFAC
5	and Dave Blazer, Director, MD DNR Fisheries Service
6	MR. GOLDSBOROUGH: All right, let's bring it to
7	order, everybody. All right, welcome to the Sport Fisheries
8	Advisory Commission fall meeting. I am Bill Goldsborough,
9	your chairman.
10	We have got a big agenda, a lot of stuff on it. But
11	before I get to that, let's see. Dave, you have some
12	announcements or updates?
13	MR. BLAZER: Yes, a couple quick things. Underneath
14	tab one behind your agenda is a copy of our reorganization
15	chart, if you will. At the last meeting we had mentioned that
16	we were undergoing some reorganization here at DNR fisheries.
17	There were basically three phases that were being considered.
18	As part of that, fisheries and the aquatic program were the
19	first phase, and this is kind of how fishing, fisheries,
20	morphed into fishing and boating services.
21	So if you look at the org chart, it gives you the
22	divisions within our unit: shellfish, fisheries monitoring and
23	assessment, stock health, data management and analysis,
24	legislative and regulatory review, stakeholder outreach and
25	service, aquaculture and industry enhancement, boating

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services and fiscal and management services.

So this is the organization that we are going to be operating under now. We have been since -- September 1st, I think, was our implementation date.

It gives us I guess a little bit more of a horizontal structure than we have had in the past but we are also trying to focus on some of the key initiatives of stakeholder outreach and also some of the business enhancement, looking at small businesses and how can we help. Aquaculture, charter boats, tackle shops, tackle fishing, all of those types of opportunities.

And also at the same time provide some efficiency with combining our fiscal services with ours and boating administration. So I wanted to give you just kind of our new org chart. A lot of the functions have not changed. We have just kind of moved the pieces around. It shows you kind of where they are.

Most of the groups or teams that we have had are still intact. We did not release anybody. No --- were eliminated so we found places for everybody under this new structure. And this is the way we will be operating from this point on.

A couple other announcements. Our aquaculture seat for sport fish is still vacant. If you know somebody who might be interested in taking that seat, tell them that they

need to apply to the appointments office. If you have any questions about how to do that, give us a call.

Also under tab one after the org chart is the fiscal '16 budget report hot of the presses, the draft of it. We wanted to get that to you all today. Or just recently we have kind of been working on it up until I think yesterday. So please read that and we will talk in more detail at the next meeting but we wanted to get you kind of the draft of where we are on that report and we can again talk about that at a future meeting. I think that is it for now.

MR. GOLDSBOROUGH: I think we are all here or all going to be here today. I know Jim Gracie is on his way.

That is the only empty seat I see. I want to thank a couple of people who are here as proxies. Dave Smith is here for Mack, and Chris Pittas is here for Beverly, okay? All right.

So I want to give the same admonition that I did last time, and that it as usual we have got a really full agenda, so I have to ask everybody to try and stay on point and have concise remarks and questions and answers or what have you, consistent with where we are in the agenda, to help us get through it in a timely way.

All right. Dave, you want to come back on with the meeting schedule?

MR. BLAZER: Sure.

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SFAC 2017 Meeting Schedule

by Dave Blazer, Director, MDNR Fisheries Service

MR. BLAZER: Since I have come on board, we have had some pretty packed agendas. And again today we have that. So one of the things I have talked to Bill about and maybe some of the other members is kind of going to a six-times-a-year meeting schedule.

So we put together just kind of this draft idea. You know, I think it is important that we maintain kind of the quarterly schedule that we have now with meeting like the week before ASMFC because we give you a lot of the information that will be talked about prior to ASMFC.

So I think the timing of those meetings is important. But we are talking about inserting two other meetings.

(Slide)

So up on the screen is just some proposed dates. You know, again the January, April, July, October -- those are the times the week before ASMFC. But insert two additional meetings, late May/early June timeframe, because that is when we have the winter dredge survey results for crabbing. If we are going to make some modifications to crabbing, that is when we try to implement those.

Try to come back to the sport fish and tidal fish and get approval, and we can make that kind of a blue-crab

centric meeting. Throw in other things as well. 1 2 And then in September, you know, again we are kind of thinking oysters are just beginning. Would that be a good time to talk about some of those things. Again just trying to 4 pace out a little bit more of the meetings and get more timely 5 6 information to you and also from you because we are finding a 7 lot of times, you know, if it is not this week, you know, say six or eight weeks ago, geez, it would have been good to get 8 some feedback from sport fish or tidal fish about that. 9 10 So just wanted to throw that out to you all as an 11 idea, get some feedback. If you are okay with that, we can go 12 with it. If not, you know, maybe change. Just some feedback. 1.3 MR. GOLDSBOROUGH: Sounds good. Thank you. Any questions or comments from the commission? 14 15 (No response) 16 MR. GOLDSBOROUGH: Very good. 17 MR. BLAZER: So are you okay with that? 18 MR. GOLDSBOROUGH: Yes, that is what we need. 19 Desired outcome, commission agreement. Is there any 2.0 disagreement? 21 **Ouestions and Answers** 22 MR. LANGLEY: No, there is no disagreement but I was 23 just going to make a comment. I know we have got 2:00 p.m. to 24 5:00 p.m. on the schedule. Is there any possibility of having

a later meeting at any time? I mean, particularly what raises

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a red flag, what kind of hit us in the spring, is a lot of 1 2 guys, that is like in the spring season, most of them that are 3 the busiest, that you want the input from, a lot of times they are on the water, and it is difficult to, you know, make that 4 2:00 p.m. timeframe. 5 6 Is there any possibility of possibly maybe one 7 meeting during the course of the year or two, you know, putting back a little bit later start date? If not, I 8 understand. I am just throwing it out there. MR. BLAZER: Whatever the commission desires. 10 Ιf 11 you guys --12 MR. GOLDSBOROUGH: So we do that in tidal fish, 1.3 In the summertime -right? Tidal fish, their July meeting, they 14 MR. BLAZER: 15 start at 3:00 p.m. so they have some time on the water in the 16 If you guys would like to do that -morning. 17 MR. GOLDSBOROUGH: So if you want to propose 18 something specific within the schedule to that effect, Phil. 19 MR. LANGLEY: Yes, I would. Actually the April 2.0 25th, if it moves with a possibility of pushing that back 21 either to a 3:00 p.m. or 4:00 p.m. 4:00 p.m. would be better 22 but 3:00 p.m. would be better than 2:00 p.m. 23 MR. BLAZER: And I assume the same thing with the 24 May 23rd because you are still -- again, we are looking late 25 May/early June.

MR. LANGLEY: Right. 1 2 MR. GOLDSBOROUGH: Both of those meetings? 3 MR. LANGLEY: And I don't want everybody to change their schedule because of the conflicts I may have. 4 5 MR. GOLDSBOROUGH: That is okay. That is why we are here. Any comments on that? Thoughts? 6 7 MR. BLAZER: Is 3:00 p.m. better or is 4:00 p.m. better? 8 9 MR. GOLDSBOROUGH: I think Phil said 4:00 p.m. 10 MR. PITTAS: 3:00 p.m. would probably be better for 11 some of them. 12 MR. GOLDSBOROUGH: Say that, Chris? 3:00 p.m. is 1.3 better? 14 MR. LYNCH: If we are going to six meetings, maybe 15 we can shorten the timeframe of the meeting. So have a 2-hour 16 meeting, let's say, 4:00 p.m. to 6:00 p.m.? And maybe even 17 make all the meetings 2 hours rather than 3. 18 MR. BLAZER: Well, I think that is kind of the idea. 19 Even though we put 5:00 p.m., if we have less agenda items, maybe we will be done at 4:00 p.m. or 4:30 p.m. on those days. 2.0 21 MR. LYNCH: Well, if you put the time out there, talk tends to fill it. So if we were to have a 2-hour agenda 22 23 with 6 meetings, I think that might make sense. 24 MR. LANGLEY: A very wise man whispered something in 25 my ear too. Have you ever thought about possibly moving that

April 25th up to maybe prior to the spring trophy season? Maybe moving it up a week or two? 3 MR. BLAZER: We could probably do that, move it up a week or two. You know, again, we are trying to keep the 4 timeline with ASMFC but if we just move it up a week, I think 5 6 that is --7 MR. LANGLEY: Prior to opening day. MR. SIKORSKI: You are missing the ASMFC October 8 And I think it is going to be that week if history 9 meeting. 10 serves. And our commission meeting has always been prior to 11 that. Between the 10th and I would say the 18th. 12 MR. GENOVESE: I will look it up and move it back if 1.3 I have to. 14 MR. SIKORSKI: You may want to move it back a week, 15 the October meeting, earlier, a week earlier. 16 MR. NEELY: I was just going to say on our regular 17 quarterly meetings, we really need three hours but on the 18 centric meetings let's go with the two hours. That is my 19 personal choice. 2.0 MR. GOLDSBOROUGH: Is everybody good with that, 2.1 where we are? 22 MR. TRAGESER: Well, I just have a question about 23 the item at the bottom here. Alternate proposal? Was that 2.4 something in lieu of? 25 MR. GOLDSBOROUGH: I will speak to that. So the

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department mentioned to us at the last meeting this idea of doing six with the crab- and oyster-centric meetings. And expressed a willingness to entertain other ideas if we had any. Here comes Jim. Perfect.

I proposed this idea to Dave just for consideration, for discussion, to put it out there. I have since talked to Jim, and Jim, of course, has the longest experience with this commission in a lot of different formulations over the years. And he has the memory of an elephant. So -- and he has walked in just at the right time. And if he catches his breath, maybe he can speak to this --

MR. GRACIE: And if I know what I am talking about it would help too.

MR. GOLDSBOROUGH: It is the issue of fresh and tidal, a breakdown for sport fish. So Jim had a lot of good thoughts about that based on his experience so I want to give him a chance to share those.

MR. GRACIE: Hard to believe Jim had a lot to say, isn't it? Well, I actually don't have the longest tenure here. Ed O'Brien does. But at any rate I was around when the commission form of government ended and we started the cabinet level secretary under Tawes. And the enabling legislation for this commission was changing to a commission that had hiring and firing authority. It ran fisheries and wildlife, separate commission, to advisory.

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And the wording in the original bill, and it stayed that way until the last change, was that this commission will represent the interest of sport fishermen, not the interest of constituent groups, not the interest of freshwater fishermen, bass fishermen, trout fishermen. Separately others.

I came in, and I actually heard three different secretaries each time I got seated on this commission come in with an introductory discussion that said, we know that you represent constituent groups. We know that you have a lot of knowledge in these areas but you are supposed to represent all sport fishermen.

So I endeavored in the beginning -- everybody knows me as a trout fisherman, I think. That is what I spent my life doing. I worked pretty hard -- I got lessons from Chairman Baynard and a bunch of other people. Diane Baynard and all so that I would have a better understanding of tidal fish.

And I think I have become at least a reasonable contributor to those discussions even though I am not primarily a saltwater fisherman. So I think that it is our responsibility to look after sport fishermen as a whole.

One of the other advantages, I think, of having different perspectives on here is that some of us, if our own interest is in one or the other, aren't necessarily as biased or as passionate in discussions as people who have their own

ox being gored.

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So I think it gives us a more balanced discussion.

We have more rational input. For those of you who aren't interested in any other kind of fishing, so be it. Nobody can make you be interested or participate. But actually I like participating in all the discussions. I have learned a lot in I don't know how many years I have been on the commission in three different stints.

But I think that is one of the values of this commission. Furthermore, I understand that we are having problems covering our agenda. And I really think that problem got out of hand when we went from six meetings to four meetings. And I thought I saw a schedule that scheduled six meetings for the next year in the agenda. I guess it was online, wherever I saw it.

So I think that before we do something that rash, maybe we ought to see if we can't do a better job with six meetings like we did before. I just think that would be a drastic change for this commission. It would change the way we operate. It would make it harder I think for fisheries to get unified input on issues where they want a commission to speak to things because you would have more disparate groups and maybe even more polarization than we have sometimes now. So that is all I have to say.

MR. GOLDSBOROUGH: Thank you, Jim. Rachel?

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MS. DEAN: Speaking of oxen being gored, Jim, Phil made the request to change the time of that meeting due to the opening of the trophy season. Is it possible that I could also make the request that we push back the times to the two additional meetings to 4:00 p.m.? I know that you guys already know this but I have tidal fish and sport fish so I am now looking at 12 meetings a year, and I know that is something I threw myself on.

But pushing it back would kind of help so if you guys would kind of entertain that or discuss whether or not you think that you could do that for those two additional meetings. The crab and oyster meeting because they are particularly of interest to me.

MR. GOLDSBOROUGH: Any thoughts on that? Any objections? Okay, good. Yes, Jim, thank you for that explanation previously. And since I am the one who brought this out as an idea for consideration, I am satisfied with your feedback on that.

I think you proposed the right move to let's see how the six-meeting framework works and go from there.

MR. GRACIE: You know me. I would like to know if anybody objects to that, and maybe we need to have a little discussion. Just because you and I agree doesn't mean that the rest of the commission doesn't feel differently so if somebody wants to speak up you ought to allow that to happen,

I think. 1 2 MR. GOLDSBOROUGH: Well, I did open it for 3 discussion. I didn't see any hands. All good? 4 MR. TRAGESER: I would like to say at least give the six-meeting schedule an opportunity to hopefully produce a 5 little bit more time for dialogue and content. That could 6 7 always be revisited if we think, if we still think, we have 8 some areas that are missing. 9 MR. GOLDSBOROUGH: Sounds good. Thank you, Roger. 10 All right, let's move on. So we have got Sergeant Mackall 11 with the NRP report. 12 NRP Activity Report 13 by Sgt. Donald Mackall, MD DNR NRP 14 SGT. MACKALL: For the most part, the handout we 15 have here with all the new additions -- you will have to excuse me. This is my first meeting. I am a little off. 16 Ιt 17 was kind of thrust on me at the last minute. 18 You have a handout already. If you have any 19 questions about any of the cases or anything like that or any 20 of the enforcement, I will be glad to answer it if I can. 21 not, I will get the information and forward that to Paul and 2.2 he can disseminate it to everybody else. 23 MR. GOLDSBOROUGH: Any questions for Sergeant 24 Mackall? 25 (No response)

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MR. GOLDSBOROUGH: I would like to reserve the option for members to get back in touch if they have any so I appreciate that offer. All right. Thank you, sir. Great, okay, so looking at the first page, let's move on to the oyster advisory update. That would be Dave.

Oyster Advisory Update

by Dave Blazer, Director, MD DNR Fisheries Service

MR. BLAZER: Just really quick, we have an Oyster

Advisory Commission that has been meeting -- well, it was

weekly there in the beginning. And now we are at monthly

meetings. I think we have had six meetings all told, to date.

We met last night, talk about going late, until about 9:30 p.m. I believe.

The goals of the Oyster Advisory Commission were basically set out as threefold: to address the Tred Avon issue about restarting the Tred Avon project, oyster restoration projection. That was taken care of in the first two or three meetings. That project is now going forward again after a delay or a hold until the five-year report was released.

The five-year report is out. I think we have sent that to everybody, and if you have had a chance to kind of look at it. Having been involved in a lot of these things, I think that is a great resource to go through and look at all those appendices because it lays out all 51 sanctuaries, all the public fishing areas, what has been happening, all the

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data, all the information that we have recorded on each one of those sections.

So again it is a very good resource I think for people to use. The other two tasks that the Oyster Advisory Commission was charged with: task two was to recommend to the department sanctuaries four and five that are called for in the Chesapeake Bay Agreement.

As you know, we have designated three sanctuaries that are being emphasized restoration tributaries of Harris Creek, Tred Avon and Little Choptank. So those restoration tributaries, --- identified what is going on and has gone on in those. The Secretary tasked OAC to find out restoration tributaries four and five.

So the process the OAC has been going through to look at the five-year report, look at the data of those sanctuaries and then declare which one of those could receive restoration tributary status as we go forward.

And then the third task that the OAC has been charged with is to look at recommendations for changes to oyster sanctuaries in public fishing areas based on data in the five-year report. Are the sanctuaries in the public fishing areas working? Do they need investment? What is happening there? Are there tweaks or modifications that we can make to make them better, whatever the better definition means.

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So the Oyster Advisory Committee is looking at like oyster rotational harvest areas, co-ops, all kinds of other management type of ideas that may come up through the process. So OAC has been kind of going through these deliberations and information sharing and some spirited debates, and we hope to -- since we have already accomplished task one, we are hoping task two and three will be accomplished by we are hoping May, in the spring.

But we have still got a lot of work to do, lot of discussion as we go through. And I think some of the members of the OAC are here if they want to comment but that is kind of a summary of the oyster activity or Oyster Advisory Commission.

MR. GOLDSBOROUGH: Thank you, Dave. I had asked for this update. I am a member of that commission. Also Ken Lewis is a member. I don't know if we have any other members here or not actually. Both of us, I think it is fair to say, are involved because of our appreciation for the oyster's ecological role in the bay ecosystem, the fact that they provide habitat for a wide variety of organisms.

But relevant to this commission and in particular for sport fish in tidal waters. So I thought it would be of interest to you all to stay in touch with that process and maybe even consider having some input to it if that is of interest. On the timeline that Dave laid out, it will still

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Questions and Answers			
update then. But I open it up for any thoughts on that. J	im?		
next two so at the very least maybe we can request another			
be going on when we have our next meeting. Maybe even our			

MR. GRACIE: I just have a question. I am trying to understand what Dave just said. And I was here when we went through the whole battle of 25 percent of productive bottom being put in the sanctuaries.

Would it be -- I want to paraphrase what I heard to make sure I got it right. Would it be inaccurate to say that what we are doing on some of these other places is experimental management with controls?

Would you characterize the overall thing since we have three sanctuaries that are just that and we are doing some other thing with rotational harvest and all, would that be -- because we have had debates about what is good for oysters and all kinds of different things and we have never had, in my mind we have never had controlled studies where you actually have hypothesis testing with controls.

Is that close to what we are getting at? Is that what you are describing?

MR. BLAZER: I am not sure I fully understand the definition of experimental controls but I think what the concept is, is to use a five-year report, all the data and the information that we have to help inform the decision and then

track and monitor.

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You know, I think with the sanctuaries, with the research that has been going on in especially Harris Creek, you know, it is showing how that area is reacting to all the restoration efforts and no harvest and everything else that is going on within that tributary.

MR. GRACIE: And that is a control.

MR. BLAZER: And that is a control.

MR. GRACIE: That is what I call a control.

MR. BLAZER: So we are kind of following Little
Choptank and Tred Avon kind of the same way. We hope to do
the same thing with sanctuaries four and five. So in that
case, I think there is some research, some effort looking at
it.

Now on the other side, we are also looking at the 51 sanctuaries that we have declared in the state, and some of them, you know, we have gone out and surveyed are they working? Are there any oysters there? Is there any shell there? You know, what is happening? Is there good, hard bottom? Is it still good habitat?

And trying to come up -- I think one of the terms that floated last night was kind of more of a management plan for some of those locations. And do you want to continue those as sanctuaries? But the other areas, if they are not going to produce or meet the objectives of a sanctuary would

you think about opening them up to the public fishery or to 1 aquaculture? 3 If you open it up to the public fishery, then do you have -- allow rotational harvest, special management regimes 4 5 to see if you can make those areas productive? 6 MR. GRACIE: In my crazy words, that is the same 7 thing. I think I understand. Thank you. 8 MR. GOLDSBOROUGH: So just to step back and look at the big picture so everybody gets it, this is the five-year 9 10 review of the oyster restoration and aquaculture plan that was 11 put in place by the state of Maryland in 2010. And it 12 was -- the review was a check-in to see how we are doing, 1.3 looking at the locations of sanctuaries, harvest areas and 14 aquaculture. That is the way that was written in the plan. 15 So from my standpoint, anything is possible within 16 that, recognizing the limitations of five years. This is a 17 long-term plan, and to try to rebuild this resource over 18 decades, really. Any other thoughts from the commission on 19 this? 2.0 MR. LANGLEY: What is the monitoring frequency of 21 these sites as far as the sanctuaries and whatnot? I mean, is 22 it quarterly? Is it annually? 23 MR. BLAZER: I know we do several annual surveys of 24 all the oyster bars in the state. In fact, they are out there 25 right now as we speak. So I don't -- that is the major one

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that I can think of. I am sure there are a couple others that they do. They are looking for spat sets. They are looking for disease. They are looking at mortality. You know, how many boxes did they count when they go through.

They are looking for market-size oysters so they collect data. And that is all really in the five-year report as they go through. Now the sanctuaries are getting a little more monitoring, you know, like Harris Creek. But we generally survey most of the other oyster bars throughout the state at least annually to make the others -- and I don't see any of my shellfish staff here that could help me with that.

I know they are out in the field today. They invited me and I almost went. Maybe I should have.

MR. GOLDSBOROUGH: So I would encourage anybody who is interested to take a look at that five-year report. It is 900 pages so the department compiled all the information it could about those 51 sanctuaries, all the harvest areas and what the surveys have been showing. It is interesting reading, wouldn't you say, Rachel?

MS. DEAN: Is it a draft, still?

MR. BLAZER: It is still technically a draft. We put it out for discussion purposes in draft. We did the peer review and we have looked at it internally. But as we have talked to some of the people who have read it, there are still a couple typos and questions marks in there.

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So if anybody has got any comments, get them back to us. So we are making notes of those and eventually we will finalize it but again it is still a working document.

MR. GOLDSBOROUGH: Let's move one. Thank you, Dave, everybody. Gear Workgroup Update. Dave, you had a question?

MR. SIKORSKI: Before we leave oysters, I have already gotten an answer but I want to make the commission aware of this. Just like last October's meeting, we received an update of the Maryland Department of Transportation funding, of oyster management, and I made that request to Dave.

And because of staff and a lot of things going on, it is not ready yet. But I would like to request that the -- the specific request was that the 2016 fiscal year update on the plan between the Department of Natural Resources and the Department of Transportation, with regard to the funding, be provided to the commission as it was last year, and also provide us with the 2017 work plan moving forward when it is ready.

MR. BLAZER: I apologize. I meant to make a comment about that. We are working on that, pulling together a lot of the fiscal information based on what we did last year, where the money was spent, and then also the work plan. We are almost done but we have been a little busy with some other things.

1 MR. SIKORSKI: I understand and I appreciate it. 2 Thank you.

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Gear Workgroup Update

Jacob Holtz, MD DNR

MR. HOLTZ: My name is Jacob Holtz. I work with our regs and our legislations and penalties and all that fun stuff. I am also going to be Sarah today because she is testifying in a trial. So when I am done with the Gear Workgroup I will just segue right into that regs update.

So first the Gear Workgroup update. The workgroup met September 22. The two major items that we were asked to discuss by the commissions were -- if you remember the last commission meeting that we had, there was a discussion on crabbing gear and how it was set.

It was really related to trotlines and collapsible traps. The request had been, did the workgroup think there was any way to implement some sort of rule that would either result in the better marking of collapsible traps or somehow regulate how these traps are set that would decrease potential user conflicts.

The fellow who had presented had talked about issues with trotliners not being able to see the collapsible traps or folks set them in all kinds of zigzag ways that were almost looking like people were trying to block others from using the water to crab.

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We had a pretty healthy discussion about it. Roger and Rachel were both involved in that conversation along with Billy Rice and Robert T. from the TFAC. We had a representative from Natural Resources Police and a couple of folks from the public all involved in the conversation.

Ultimately with the crabbing gear issue, it came down to NRP just not believing that any of the ideas that were come up with were going to be enforceable in court.

One of the main discussion points was requiring traps to be set in a straight line and to be marked at the beginning and end of the run. And NRP just thought that trying to prove that traps were not set in a straight line in court was going to be impossible.

And while I think we all appreciated the desire to see, to better be able to see what is out on the water, the workgroup just couldn't come up with a way to make it both enforceable and practicable from a crabbing standpoint to mark these gears any differently than we already have.

So as far as a recommendation from the workgroup, there was no recommendation to take any further action. The consensus was people just have to respect each other out on the water. And that was the only real solution that we could come up with.

The other item on the agenda was the discussion of finfish trotlines. We had discussed this item at our

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workgroup meeting previously, and from that workgroup meeting we had then talked to the commission about it and then went out to the public with scoping with the general rules that we had come up with, looking for public feedback on that issue.

Based on the public feedback and based on continued conversations internally. There was still some concern about the introduction of this gear. One thing that -- I don't know if I personally or we as a department did a very good job emphasizing the temporary nature of our current authority to manage finfish trotlines. The legislature only gave the department this authority for three years. It has a sunset clause in that statute.

So in three years, regardless of what we are doing and how it is going, it is going to have to go back to the legislature and either get reauthorized or we will lose that authority and the gear is going to disappear.

So recognizing that in three years we are going to be in front of the legislature discussing this, both the department and the workgroup thought that it would be wise to have better data to discuss the concerns. The main concerns from the public and internally were going to be bycatch.

In discussions with PRFC, which already allows this gear type in the Potomac, PRFC doesn't see bycatch. Or if they do, it is almost zero of nontarget species, the target species being blue catfish.

But if we don't have that data in our waters, it is 1 2 hard to say, well, it is not a problem, so recognizing that we 3 need to have this data, the idea that we are going to put forward was to add a free permit for all those commercial 4 harvesters who would be eliqible to use this gear. So that 5 would be anybody with an unlimited tidal fish license or 6 7 anybody with an unlimited finfish harvester license. 8 With a more specific report for that gear type that would include bycatch but include more effort data to have a 9 better understanding of how is this gear being used in our 10 11 water and what is the potential for the bycatch. 12 Given the rules that we in have in place as far as 1.3 what we are proposing, based on the size of the hooks, the 14 depth requirements, the length of the trotlines, et cetera, we 15 don't anticipate that these concerns are going to come to 16 fruition but we are going to at least have it in place, the 17 additional reporting. If these concerns do start to manifest 18 themselves, we will be able to react to them. 19 MR. GOLDSBOROUGH: Questions? 20 **Questions and Answers** 2.1 MR. DAMMEYER: You mentioned, you said that you were 22 going to or you did put it out for like public comment? MR. HOLTZ: The finfish trotlines? 23 24 MR. DAMMEYER: Yes.

MR. HOLTZ: It had been scoped in August after the

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last commission meeting. 2 MR. DAMMEYER: Did you get any response on that? 3 am curious.

MR. HOLTZ: We had two responses within the comment period along with -- there were internal staff discussions that went along with that, that were kind of expansive of what had been discussed before.

MR. GRACIE: I quess my question actually relates to both of the issues. The first one, you said the answer was people were going to have to be more courteous.

MR. HOLTZ: Yes.

MR. GRACIE: And then the second one, you may put some restrictions in and you went through scoping. I quess my question is how do we educate the public, how do we get to them? If we are going to expect people to be more courteous, shouldn't there be some campaign to encourage that, to let people know that there is a problem out there?

And then we do a scoping, and we do something, I don't know what the full list is, but it gets on the Website, and we get two responses, I don't believe that means only two people are interested. That means there are hundreds who didn't get the word. So my question has to do with how we outreach to the public.

In terms of recreational fishing in particular, I mean, fishing in Maryland is a billion dollar a year business

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total. This is pretty important stuff. We don't have any -- most of what happens in recreational fishing depends on individuals being courteous, obeying the law and following what sportsmen call ethical rules.

And we don't have any campaign to reach out to people and tell them en masse that this is what you should be doing. We had a discussion about three years ago about how Hispanic people were coming in and throwing cast nets in pools where they just stocked 100 trout.

And they don't even know they need a license because we don't have any signs in Spanish. And they don't even know they are violating the law. Don Cosden, bless his heart, said the good news is they all love to fish. So, I mean, what business are we in if we can't communicate with the public?

I don't know what the numbers are anymore but there are more than half a million fishermen I think in terms of fresh and tidal water, trout stamps and everything else. And we think that we send out an e-mail to a list of 300 and put something on a Website and we have communicated.

So I think that is something that we ought to be thinking about as a commission and that we ought to be giving some thought to that. And making some recommendations to fisheries. It is probably the last thing that anybody wants to spend money on when money is tight. I understand that too. But we need to recognize and start talking about how important

it is to communicate with these people. 2 MR. BLAZER: Jim, great points. And in fact, I am 3 not sure you were here for the reorganization chart that I 4 handed out --MR. GRACIE: Oh, no, I was going to ask where the 5 August reorganization chart was in October. 6 7 MR. BLAZER: We talked about that first but that is one of the things that we have been trying to emphasize in 8 fisheries is stakeholder outreach. We want to try to do a 9 10 better job of getting feedback. That is kind of why we wanted 11 to go to six meetings a year with you all, is more timely 12 feedback as we go through. 1.3 We would love to have recommendations on how we can 14 do a better job with it. We do a lot but again in today's 15 society, are you really reaching the audience --16 MR. GRACIE: And it is hard to get people's 17 attention nowadays too. So it is a harder job and we probably can less afford to do it with dollars than we could before. 18 19 understand the problems but if some people on this commission 2.0 would sit down and start talking about it, we might come up with some ideas. 2.1 22 MR. BLAZER: And I would appreciate any ideas 23 because we realize we need to do a better job of that. 2.4 MR. GRACIE: And it is not so much getting feedback.

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It is giving output too.

Right. 1 MR. BLAZER: 2 MR. GRACIE: That is where I think we fail the most. 3 MR. LANGLEY: Jacob, I missed that Gear Workgroup meeting but I know there is some concern over bycatch. 4 there any discussion over types of bait that are allowed, 5 which could possibly affect the bycatch? And areas and times 6 7 of year to bet set? 8 I understand that the main target of this is blue catfish, which appear to be -- it is an invasive species and 9 10 it is a problem. But we certainly, a lot of the times, I know 11 PRFC has certain times a year where you can't set trotlines 12 just to protect striped bass, spawning species and whatnot in 1.3 geographic areas. Were those topics discussed and covered? 14 MR. HOLTZ: Yes, so we discussed both baits and the 15 areas. As far as bait goes, there is in going to be any live 16 bait allowed. As far as -- I know people sometimes worry 17 about eels. Dead eels are apparently one of the baits that is 18 currently used in PRFC. And again they don't experience 19 almost any bycatch in that fishery. 2.0 So as far as dead bait, we weren't going to have any 21 restrictions. There wouldn't be any live bait allowed though. 22 As far as area restrictions go, the gear was going to be 23 prohibited in the main stem of the bay below the bay bridge, 2.4 and that would include both the Tangier and Pocomoke sounds.

We had discussed restricting that further but then

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on further review after discussing the permitting requirement, we didn't think it would be necessary to restrict any of the tributaries.

At first we had asked the workgroup to consider cutting it back pretty significantly as far as areas go because of these concerns but after internal discussions, the concerns are a lot less just giving the reporting requirements that hadn't been in place when we first scoped this issue. We didn't have a permit or a report that would have been specific to finfish trotlines.

So being able to monitor the gear, I think is a way for us to keep an eye on the concerns. I don't know if that fully answers your question or not.

MR. LANGLEY: Yes and no.

MS. DEAN: I sat in on the phone on this conversation, and for what it is worth, I know that Billy Rice is working over on the Potomac and he uses this gear type. AN the question was posed by the department, how much bycatch are you seeing, and he said, I have seen one, one rockfish.

So I understand certainly this commission's interest in protecting those fish but I think we have a really good model going over on the Potomac River, and I think this is productive and I don't think that we are going to see the bycatch, but as we had those discussions and really talked about how we wanted to limit them as such so that we could

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protect them. And I think another one of the things that was discussed was the suspension of the line.

MR. HOLTZ: Yes, so I was going to get to that. So the other requirement would be that in the spawning period, so March 1 to June 15, this gear is going to be required to be set on the bottom.

The remainder of the year they will be suspended.

There is going to be a minimum depth of -- we discussed both six feet and ten feet. And I am not sure there is a decision made there. I think there is probably still some discussion to have there possibly but to keep it basically out of in front of the striped bass.

MR GOLDSBOROUGH: Further questions on that? Phil?

MR. LANGLEY: Yes, I don't want to tie up a lot of time on this but I do have -- I certainly want to follow up on this.

MR. SIKORSKI: I missed the second phone call when they discussed this but it wasn't the first. And Rachel is absolutely in her recollection. And I do trust in the input that Billy Rice has provided as far bycatch is concerned.

So I absolutely understand where this is a concern to especially the recreational community that hasn't been involved in this stuff. I think, Jim, your comments with regard to outreach are spot on. One thought I would have with regard to outreach is we have the contact information of every

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licensed angler in Maryland. And I know there is sensitivities with using information but there has got to be a better way to at least provide that information.

I would like to think I am pretty engaged in this process, and even I miss the e-mails. In fact, that is why I missed the phone call, the most recent phone call, talking about the blue crabs at least. So I think if we can figure out a better way to use that information.

The department does a good job on their social media presence as well, and issues like this, you know, it is one of those things where you want to provide as much transparency and outreach as possible knowing full well that transparency and outreach does bring in more workload and more things to deal with.

And ultimately you still have to make a decision, and it is difficult, I know, at times. At it is part of why we are here, to work through these issues and be on these workgroups. And so I have confidence, especially knowing now because I was not aware of the three year sunset. I think that is a fantastic tool in these cases.

Regulations and laws are never permanent, even without sunsets so I think we have -- this issue has been raised well, and I think we should all raise it throughout our communities and talk to folks about it. The real goal here is to try and allow legal harvest of legal species like blue

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catfish and fisheries that have minimal bycatch.

But also keep an eye out for where the regulations as they are being proposed or have been drafted might not get it right. So we have an opportunity to always come back and say, oops, we got it wrong, and this happened.

And I don't think that the gear over this three-year period is going to have an opportunity to make major damage in any way but I understand the concern that folks have and I think it is a valid concern.

So if we all keep an eye out on things and continue to bring this issue up as we find issues occurring out there -- talk with enforcement and talk with managers, we can find a good way to allow this gear to be used where it can be used. And limit all the conflicts and any kind of biological harm that may exist.

MR. O'BRIEN: I am surprised at the way -- I am vice president of the national Charter Boat Association as well as my Maryland --- . And this whole catfish issue is a major discussion among our directors during the last meeting.

We have a lot of members in the Great Lakes and they see a real threat to the marketing thrust of Catfish Nation or whatever you want to call it. So it is getting to be an issue. Of course, these blue catfish get to be very, very large, and they certainly can affect the fishing of people who are in the guide business and recreational fishing.

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I see we, just looking at who was on the conference calls, I think what Jim brought up, you know, we do need to get more information out on this. It seems it is in the commercial area that Catfish Nation -- at first they were talking about fishing tournaments when they came in here to talk to us.

But the commercial emphasis on it now is what is really come forth. And that was probably one of the motivations when we first had these discussions. So I am learning a lot just from the information that has come out here. And sorry that our charter boat guides didn't participate in this more.

And maybe there isn't that much to worry about but this is something new, and a lot of people are looking at these catfish as a threat on a lot of species, not just rockfish. Black bass, sea trout, whatever. I mean, these things get big. They are certainly susceptible to expansion in brackish water, and amazingly how suddenly people are talking about it and seeing it.

So, you know, it is the commercial part of it that is most interesting, and just how we manage that. And interested to hear more about that.

MR. SMITH: This is already a commercial fishery, right? They could already go out and catch these and harvest them. Is there a time, a specific time that is better than

1	others?
2	MR. HOLTZ: So in talking to Billy, they typically
3	target them in the springtime, the March to June timeframe.
4	To me I don't think Billy said this exactly. To me it
5	seems almost like a bridge between oysters and crabs.
6	Striped bass closes down end of February. Oysters
7	tails off at the end of the season. Crabs start slow. It is
8	a fishery that is really active in that springtime, and they
9	can do a whole ton of them.
10	MR. SMITH: Right now they are doing a whole ton of
11	them.
12	MR. HOLTZ: Right now, I am honestly not sure in the
13	fall.
14	MR. SMITH: I am sorry. Not right now this instant.
15	But in the springtime between March and June, are they
16	harvesting a lot right now the way the gear type they can
17	use?
18	MR. HOLTZ: I don't have actual harvest numbers in
19	front of me. I would guess so based on what Billy told me
20	though, yes.
21	MR. SMITH: Not down in the Potomac but what about
22	up here in our river systems? Are they harvesting?
23	MR. HOLTZ: As far as harvestable numbers, I know
24	southern Maryland has the largest populations obviously. So
25	our trib on the Potomac plus the Patuxent. But based on my

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discussions with our biologist, they are present in just about every river in the Chesapeake Bay right now. So it is almost just a matter of time.

So part of the idea is also, if we allow these gears that are able to target this species, possibly keeping the populations lower, I don't know if it will work. But as far as just slowing the expansion rather than what we have seen so far in southern Maryland.

MR. SMITH: And as far as I guess -- I don't want to say the pile-on but the marketing, the outreach, I guess as a business, I know when you are having trouble with outreach or you having trouble recruiting new anglers, the last thing we want to cut is the marketing and outreach budget so -- it has been done, yes, but it is counterintuitive to do that. Hopefully one day we can get that back.

MR. GRACIE: Or come up with some things that will help offset it anyway. That is what I was talking about. I don't think anybody is going to write a big check for recreational fisheries this year.

MR. GOLDSBOROUGH: Thank you, Dave. And I did want to come back to your remarks, Jim. The way we communicate with the angling public should be of fundamental importance to this commission so I didn't -- I wanted to leave that in a way that was clear to all of where were and where we might be headed.

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I wasn't sure we were at that point or if you wanted to ask for some specific action or Dave for the department wanted to commit to a specific action or anything like that.

I didn't want to leave it without --

MR. GRACIE: I am afraid to say anything else. I am in such overload now. I know what happens when you talk about new ideas.

MR. HARDY: On the finfish trotline discussion, I wasn't able to get involved with the Gear Workgroup but I feel like I would be remiss with the concerns that I was getting from folks that I had talked to is that the wide open -- it seems like some steps are being explored to restrict it some.

But I seems like it is a gear type that could be very easily adapted to other species, and with it being so wide open as far as unlimited trotlines, very wide depth capabilities, the concern is that some of the smaller rivers could get covered up by these trotlines pretty quickly, which would also have user group impacts. And that is the big concern.

I don't know how much these are going to change that, and again with it -- hopefully we can move real-time but I felt like I would be a little bit remiss if I didn't express that concern, which for me still stands. It seems like a really dangerous Gear Workgroup to just let go and the way it read, it was just that. It would be easy to adapt to other

species and could cause a lot of problems.

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As long as we can make changes quickly, I guess that is not an issue but time will tell.

MR. HOLTZ: I can address a little bit of that. As far as the number of trotlines, the reason why we didn't have a restriction on the number of trotlines was because NRP just said it wouldn't be enforceable.

You can have a guy set it in every different river in the bay in theory, and NRP is just not going to be able to tell how many trotlines he has. On the other hand, we don't believe people are going to be setting so much gear that they are not going to be able to fish it because then you are wasting money on bait and you are wasting money on gear that you are going to lose.

So as far as that -- that was the reasoning why we didn't have a specific number there. NRP didn't think it would be enforceable. If it does become that these things are everywhere and you can't fish anywhere because you are going to run into them every which way, yes, we are going to have to come back to figure something else out.

And then as far as targeting other species, we think that the other rules -- so they have to have a five-aught hook on them, they have to all be circle hooks. Plus the other restrictions that we talked about. We think it is going to keep it to a minimum but obviously with that -- with the

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permit and the additional reporting, we are going to try to do our best to stay right on top of it and make any changes if there needs to be changes.

MR. GRACIE: I just want to say a couple things.

First of all, I appreciate the concern and I think we ought to keep an eye on it. But I don't want to fix a problem that is not a problem and restrict people otherwise.

The other thing is I thought that we started this through the Chesapeake Bay Fisheries GIT. We wanted people to harvest these things and sell them and get rid of them. I don't know where that goes but the next exotic invasive species that we actually manage will be the first one we were ever successful with. So I don't know what our goal is.

We think we are going to get rid of this and we are going to get rid of that. If we think that harvesting is going to control these fish the way they reproduce and grow, we are kidding ourselves. So we are going to have to learn to live with them just like we did with everything else that came in here. The only ones I like are brown trout.

MR. DeHOFF: I may have missed it but was there anything in there listing the length and marking of the trotlines?

MR. HOLTZ: They are going to be limited to 1,200 feet long and they are going to be marked just the same way as a crab trotline.

MS. DEAN: Jim, I was only going to say that you are 1 2 I don't think that we are ever going to completely 3 annihilate an invasive species but I see two things at work 4 here. One is that it is an economic opportunity for our 5 6 commercial fishermen and I see rainbows and lollypops and you 7 guys supporting us in legislature when it looks like we don't have bycatch, and it could possibly just keep that number 8 9 down. So maybe, possibly. 10 MR. GRACIE: I didn't mean to object to doing it. 11 think it is great. We could use more low-cost fish food in 12 the markets too. 1.3 MS. DEAN: Yes, and there was -- agreement was my 14 response. 15 MR. GRACIE: Anything we can do to help the watermen 16 is good for me too. 17 MR. SIKORSKI: With regard to the permit and the 18 reporting, what kind of timeline would that be on? 19 up to speed on the any of the reporting and timelines for --2.0 MR. HOLTZ: Generally that is done monthly. 21 MR. SIKORSKI: It would probably be good to report 22 to us in some manageable interval. I am not sure what that is 23 but give that some thought. 2.4 MR. HOLTZ: Okay. 25 MR. GOLDSBOROUGH: That is two things that we want

to be sure to come back to this commission periodically. There was an oyster thing and now there is the fish trotline. 3 And actually the third, of fundamental importance, is the issue of communicating with the angling public. So I want to 4 make sure we are where we want to be on that. 5 6 MR. BLAZER: If the commission is interested, maybe 7 we could put a subcommittee together and talk about outreach 8 and promotion and marketing and help us with some of that. At least get some brainstorming with some of the staff and we can 9 10 think through some of the improvements that we might be able 11 to make and some ideas. 12 I didn't want to leave it where it was. If we want to do something with a smaller group, maybe we could have a 1.3 couple conference calls or meetings and come up with some 14 15 ideas beyond that. 16 I am ready to make a motion. MR. GRACIE: 17 MOTION I move that we form a subcommittee 18 MR. GRACIE: 19 under Dave Sikorski to look at options. 20 (Laughter) 21 MR. SIKORSKI: Wait, I was ready to second the 2.2 motion. 2.3 MR. GRACIE: If he seconds it --24 MR. SIKORSKI: I second the motion. 25 MR. GOLDSBOROUGH: Any discussion on the motion?

1	(No response)
2	MR. GOLDSBOROUGH: Do I see any objection?
3	MR. GRACIE: Can we name people here so we get it on
4	the record so we don't forget who is on it.
5	MR. GOLDSBOROUGH: Yes, let's do that. But seeing
6	no objection, the motion passes by consensus. Do I have hands
7	from any volunteers.
8	(Show of hands)
9	MR. GOLDSBOROUGH: I have got Jim Gracie, Micah
10	Dammeyer, and Chairman Dave Sikorski. Anybody else? I got
11	John Neely and Rob Hardy. Very good.
12	MR. O'BRIEN: I think there should be a member of
13	the Maryland Charter Boat Association on it but I am not
14	volunteering.
15	(Laughter)
16	MR. O'BRIEN: I think that Phil
17	MR. LANGLEY: Can I have a proxy on that just
18	because. I mean, I would like a member of the Charter Boat
19	Association as long as I am allowed a proxy.
20	MR. GOLDSBOROUGH: So let's move on to Sarah.
21	MR. HOLTZ: Yes, now I am Sarah.
22	Policy Program
23	by Jacob Holtz, MD DNR Fisheries Service
24	MR. HOLTZ: First the regulatory and penalty update.
25	We have updated some of our suspensions and revocation lists.

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We are going through the process of another round of recreational suspensions. So that will be updated I would say probably within the next month or so.

The -- as far as regulations go, there wasn't a whole lot that became effective this past quarter. And nothing that would affect most of the sport fishing interests.

The one, as far as charter boats go, the blue crab charter decal, the effective date has changed. It used to be on a January 1 to December 31 and it just switched to a license year thing. It is September 1 to October 31. It is just easier for folks to renew it in one go rather than have to go back in the middle of the winter.

As far as regulations that have been proposed, there is, let's see here. The bottom three. So the license targets, which is just an update based on unlimited tidal fish licenses that got broken down. And horseshoe crabs, which is again a commercial thing. And the scup again is a commercial thing but all those are going to have comment periods from mid-November to mid-December if anybody wanted to take a look at those, and those go up.

This will also be the time that I will mention we are redoing our scoping and proposed regulations Web pages.

We are combining them and we are trying to make them a little more user friendly for folks to be able to follow what is going on.

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It will have a little progress bar showing folks where it is in the process rather than -- it is on the scoping page for a while and then it disappears for a while and then it comes back on the proposed page. It is going to be on the one page the whole time. You will be able to see where we are in the process if we are taking public comment.

We are really hoping it will be more user friendly. I think the plan is to have that effective either the end of this week or early next week. We will send out an e-mail to the contact list obviously and when we do, if you want to jump on there and just give us any feedback, we would love to -- it is a Website. It is tweakable. If something doesn't make sense, let us know.

But personally I am really happy with it and I hope everybody else will be too.

MR. PITTAS: Some people who don't have computers, what do they do? Some people who don't have computers and can't get on it, how are they going to get it?

MR. HOLTZ: If you don't have a computer, it is really hard to keep up with what we are doing. I will be honest. I mean, we publish our stuff in the Maryland Register, and that is available at the library. But that is -- so it is really dense reading for most folks and you would have to check it every other week to see if we did anything. So if you don't have a computer, it is really

difficult. 1 2 MR. GOLDSBOROUGH: Well, certainly proposed regs are 3 published --4 MR. HOLTZ: They are published in the Maryland 5 register, yes. 6 MR. GOLDSBOROUGH: Not in newspapers anymore? 7 don't do that anymore? 8 MR. HOLTZ: In the newspaper we are required to publish a couple of notices for public hearing but that is all 9 10 that ends up in the newspaper, and if we are not required to 11 publish it in the newspaper, honestly we don't put it in there 12 just because of the cost. 1.3 MR. GOLDSBOROUGH: Chris, do you have a specific 14 proposal on that or --15 MR. PITTAS: No, I mean for some of us who don't 16 have computer. I know my mom doesn't and a few other people. 17 But I mean for people who look it up and stay consistent on 18 following the rules, the regs and everything that we are 19 doing, it is an asset for some of them. How can they get it? 2.0 Besides going to the library? I understand that part. 21 But it is just that when we do it, you know, is 22 there something paper-wise that we can get sent to us or 23 anything? And I understand that is probably hard to do but it 2.4 is for people who don't have computers. 25 MR. HOLTZ: Yes, so we have our fishing guide that

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we publish every year, and that will have all the changes but as far actually being involved in the rulemaking process, I think Jim said it. We have 500,000 roughly anglers in the state. To send something to everybody in the mail every time would just be cost prohibitive.

If you come up with anything, I would love to hear it, really honest. I am honestly at a loss for how we can reach people better. And so anybody who has any idea, I don't care how crazy it is. Please give us a heads-up and we will try something because we really do want people to be involved.

MR. TRAGESER: It is hard for me to think that you are not reaching most people. Granted there are some individuals who don't have computers. I think that is probably more a minority now and has been. I know with our working with Bass and whatnot and the information they get out, it has been years now and they are basically saying, here is how we are doing business and it is electronic. And that is just the direction it all goes in.

If you don't have a computer, probably the best thing to do is try to network yourself with some friends who do have computers who can give you that information and you can get information back to them and get them to post things like that.

Just try to network yourself with somebody who does have a computer that you can access that way. You are going

to reach most people -- computers, smart phones, you are going to reach most people. 3 MR. O'BRIEN: I have been reading through this to see if it is covered but previously we raised the issue of 4 summertime gill netting. And that is a very controversial 5 We have been talking to watermen, trying to figure 6 7 ways that maybe we can work together. And I think there is a 8 good start to that. 9 There was this meeting in Baltimore in which it was 10 on the agenda. That sort of took people by surprise and it 11 pulled off the agenda. Mike Luisi picked up on it and was to 12 schedule a meeting either late in this year or the beginning 1.3 of next year. I just wonder where we stand on that. 14 MR. GOLDSBOROUGH: Mike, you want to discuss that 15 now or you are going to get into that when you come up? 16 MR. LUISI: It is up to you. 17 MR. GOLDSBOROUGH: Why don't you respond to Ed now? 18 MR. LUISI: So that meeting -- so this issue is not 19 a new issue. And there was a meeting I did not attend but it 2.0 brought together some charter guys and a couple commercial 2.1 guys got together and talked about this. 22

And it was decided after that meeting for the 2016 we were just going to leave things alone and not try to regulate a user conflict.

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We then over this year heard news from the water

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that the spot and croaker stocks seemed to have shown some signs of decline. And this issue again resurfaces due to the interest in declining stock, the user conflict issue and how it all kind of gathered steam.

So we have been talking about formulating, getting another group together. And we hoped to couple the croaker and spot stock assessment information with this type of meeting so we can do more than just discuss user conflict but look at the big picture on the spot and croaker health.

I just heard today from staff that, that assessment is looking like it is getting bumped a little bit farther into 2017 and it is not going to happen when we thought it may have, earlier this year. So we have to decide if we are going to get a group together again to just discuss user conflict without spot and croaker stock information, and again I just heard today. I am glad Ed brought it up because I wasn't planning to discuss it in my report.

So we can wait another half a year but it won't address the issue. If it is anything regulatory in nature comes from it, it won't address it for next year.

MR. O'BRIEN: It was also white perch included in this, which is a very viable commercial fishery. Complicating this, and a lot of people have been commenting on it, is some people, particularly when the spot didn't show up as early as we like to see it, were using small croakers, live-lining.

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I think that was not just specifically one or two people. I think it was across a spectrum. And so that fits right in there because there are charter boats -- you know, we have got that one group of African American charter boats on the Eastern Shore and some down south too in the sound, and they really depend on those small fish.

So it is something to where it is has got to be resolved. I don't know whether Mike has set a time period. I think you had said later this year or the beginning of next year to bring the watermen in. Again it is not something that is not meant to be at the watermen but it is a user conflict. Some places you can do this. You can gill net, summertime gill net them. Other areas of the bay, you can't.

It is very confusing from a law/location standpoint what is legal and what is not so it does need to be discussed and resolved.

MR. LANGLEY: And one of the concerns too with the summertime gill net is or has been the bycatch because of the mesh size, targeting the smaller species -- you know, juvenile fish, trout, striped bass or other species may or may not be affected. I don't know how much the studies -- you know, if I listen to my guys, they are affected. If you talk to the commercial waterside, they are not affected as much.

You know the old saying: There are two sides to every story and somewhere in the middle lies the truth. But

it is a concern, especially when we are trying to re-establish some of the smaller fish, the stock. 3 MR. GOLDSBOROUGH: So given what Mike said about the spot and croakers stock assessment being pushed back a little 4 5 bit, is it appropriate to wait for that information then given the bycatch side of this before having a reconvening? 6 7 MR. O'BRIEN: I think we just heard that is being delayed, isn't it? 8 9 MR. GRACIE: What does that mean, it got pushed 10 back? Does it mean you just don't have enough resources to do 11 everything so you had --12 MR. LUISI: No, it is not us. It is not us. It is 1.3 through the Atlantic States Marine Fisheries Commission. So 14 we set the priorities for a year and there are other 15 things -- they are just moving their priorities around a 16 little bit. It is going to happen, just at a different time 17 interval than what we thought. 18 So my question would be, there was already a meeting 19 to discuss the user conflict issue, and I thought there was 2.0 some resolution there as an agreement to try to minimize that 21 conflict. So if by getting back together without any new 22 information on the actual health of the stock or the bycatch 23 that is being discussed, what is the goal? What would we be 2.4 striving for? 25 We can have a meeting. I was thinking

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November/December. Sometime when things calm down a little It has been a little busy the last few months. But find some time to have the discussion. I just don't know what would come from it. But I guess we won't know until we have 4 5 another round of the same conversation that happened before. I fear that we will just -- we will find ourselves in the same 6 7 position again. 8 MR. GRACIE: So what did you decide? I didn't hear 9 a decision. 10 MR. LUISI: I don't think there was one yet. 11 MR. BLAZER: I think basically we would like to wait 12 until the ASMFC stock assessment is ready because then we 1.3 would have more data and more information to kind of go 14 through as opposed to just getting that group back together 15 over a user conflict. 16 MR. GRACIE: Especially when you don't know what is 17 going to happen to the management. 18 MR. LUISI: Right. 19 MS. DEAN: I just wanted to take a minute because I 2.0 was in the room for those discussions. And I just wanted to 21 kind of echo what Mike had said too. There is definitely a 22 user conflict, and without the stock assessments, it is kind 23 of hard to mitigate that user conflict. 2.4 And if the stock assessments come in and show that 25 the stocks are in need through the stoplight, then both sides

would need to get something up. So I would like to sit back 1 and let's hope for both sides that, that is not an issue. 3 MR. O'BRIEN: Rachel, but this is all going on at the same time in the spring. Everybody -- it has got a lot of 4 notoriety. There are roller nets out there. And it is 5 something -- I think the area to where it should be done and 6 7 areas where it shouldn't be. I think we need that discussion. 8 And I think that precedes the stock assessment data. Talking 9 about spot -- not just spot. Talking about croaker --10 MR. GRACIE: Spot, croaker and white perch even. 11 MR. O'BRIEN: Talking about white perch. 12 MR. GOLDSBOROUGH: Phil, do you have the answer to 1.3 this? 14 MR. LANGLEY: No, I don't. But I will tell you as 15 far as sitting on the PRFC Commission, we don't have a 16 summertime gill net fishery in the Potomac, and part of that 17 reason is, in the summertime gill net fishery the water temperatures are warmer. The stress of the fish is higher as 18 19 far as catch and release. 2.0 And that is the only reason why I touch base on the 21 bycatch mortality of the species, because the summertime gill 22 net is just that. It is a summertime temperature where water 23 temperatures are up and I think the bycatch has a lower 2.4 survivability rate than it does in the cooler temperatures. 25 MR. GOLDSBOROUGH: So Mike --

2 MR. GOLDSBOROUGH: Yes. My answer is that Mike is 3 going to handle it. 4 MR. LUISI: It is on my radar. It is something that we just haven't had, as staff -- we haven't had the time to 5 6 really sit down and really think about what it is we want to 7 accomplish. And given this information that we just heard today, you know, I can speak with Dave and staff and we can 8 9 come up with a plan. Right now there is nothing planned because there is 10 11 nothing on the schedule right now to have that conversation. 12 But we know it is of interest. I don't believe that there is 1.3 anything that we can do in time given that we haven't even brought this idea up yet to get regulations done by early 14 15 spring in order to -- if we regulated the user conflict, I am 16 not sure we could get it done in time. 17 So knowing that, we may want to just focus on this 18 winter as being the time where we -- the department 19 communicates back with you on what we can see moving forward 2.0 with, and just stay tuned for information I guess is all I can 21 say. 22 MR. GOLDSBOROUGH: So we have made it clear that 23 this is of interest to this commission. You guys are going to 2.4 take it under advisement and try and see where we stand. 25 if it would be helpful to pull together the group again.

MR. LUISI: Did you have the answer?

in any case, be prepared to report back to this commission at 1 our next meeting? Is that a fair summary? 3 MR. LUISI: Sure. MR. GRACIE: It is not just a user conflict, is it? 4 There are also some illegal, and bycatch, there is some 5 6 illegal harvest because of some things that are going on if I 7 understand that correctly. People were taking fish they shouldn't. 8 MR. LUISI: So there was a --10 MR. GRACIE: Not just bycatch. 11 MR. LUISI: It is not just bycatch but we do have 12 regulations that people were breaking. So -- that is an 1.3 enforcement issue that we don't necessarily have an ability to address immediately to get word out or to communicate the 14 15 information. 16 MR. GRACIE: Maybe I am not remembering it right, 17 Mike , but I thought the way they caught the fish made it 18 harder to enforce things and harder to get clarity on what 19 they were doing that was wrong. 2.0 MR. LUISI: What they were doing that was wrong was 21 they were catching and keeping undersized croaker --22 MR. GRACIE: And how were they catching them? 23 MR. LUISI: With nets. And they were being sold. 2.4 And there is a minimum size limit with net fishing on croaker. 25 MR. GRACIE: So we are sitting here saying it is a

gear conflict and bycatch and that is not a bycatch problem. 2 MR. LUISI: That was --3 MR. BLAZER: When we heard about that, we did let NRP know to look for enforcement action on that. So again 4 5 there is really no reason to talk about it. It is really just getting NRP to look into it. That was the action that we took 6 7 previously. So I don't know if the issue is still --8 MR. GRACIE: So you are done. We don't need any public education or anything else, right? 9 10 MR. BLAZER: I am hoping. 11 MR. LUISI: I am remembering this and again this is 12 all -- there were also people catching with hook and line, 1.3 small croaker, and turning them around, putting hook in them and throwing them out to live line them. And that is illegal 14 15 because with the use of a hook and line, there is a minimum 16 size on croaker. 17 The nets, I don't know if there is a minimum size. 18 MR. HOLTZ: There was always a minimum size for 19 white perch. MR. GRACIE: White perch, yes, but not for croaker. 2.0 21 If they are catching them in traps, then we didn't have any 22 way to --23 MR. LUISI: If you catch a small croaker, you can't 2.4 use it as bait. MS. DEAN: I want to make sure that this commission 25

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isn't misinformed for lack of a better word. I kind of want to start at the beginning, and I apologize. We are running over time and I understand that but this is pretty important stuff especially when it comes to relationships between the Sport Fish Advisory and the Tidal Fish Advisory Commissions.

I wasn't really clear on what Jim's question was about the illegal ongoings, and I didn't know if that was referring specifically to gill net issues. It seems like there are a couple of different issues here.

So I wanted to kind of separate out those issues. The first one is the user conflict in the summer gill net fishery. We had some issues in the northern end of the bay as well as in the south where it just seemed like the charter captains and the commercial fishermen were at the same place at the same time. The discussion that we had brought them into the room. It was a pretty good discussion although I don't think anybody left happy.

But in the user conflict, I am not sure that anybody is. But I asked each of those from both sides, and I followed up to please contact me if we had any issues again this summer. I have not heard of any specifically although I do hear the conversation being brought back up repeatedly. And I think that is unfortunate.

The other issue is the perch and croaker being used for bait. Perch have no size limit if caught on hook and

line. So you can certainly, whether recreational or commercial, catch them on hook and line and then use them for 3 bait. And they are not currently being overfished. 4 Croaker do have a size limit by hook and line and in 5 gill net, and in Maryland we do have a possession law. 6 even if you do boat the Potomac River, where there is no size 7 limit, and my understanding is in Virginia as well, and you transport them into the state, you are in possession of an 8 9 illegal fish. 10 So I just wanted to clarify because I feel like some 11 of the things that are being said, I can't sit -- I can only 12 sit back for long before I really want to address so that the 1.3 myth isn't out there. 14 MR. GRACIE: Thank you, Rachel. Somebody confused 15 me on the white perch. 16 MR. LANGLEY: And there is a size limit on croaker 17 in the Potomac now. 18 MS. DEAN: Oh, is that recent? 19 There was no MR. LANGLEY: Yes. It was adjusted. 2.0 size limit on perch and a size limit to be in line with 21 Maryland and their regulations. 22 MR. GOLDSBOROUGH: Okay, can we move on? 23 MR. HOLTZ: Okay, I will be as quick as I can, I 24 promise. So scoping. So just a reminder as far as scoping

goes, these are regulatory ideas that we at the department are

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working on. We have a plan as far as getting public feedback on these ideas before we actually write a regulatory proposal, and what we ask of the commissions when we go through the scoping is any feedback on the idea.

And basically your approval or suggestions for how else we could go about scoping the issue with the affected folks.

So first up is the blue crab stuff. It is all housekeeping. There are some inconsistencies that we are just making consistent with how people are already doing things basically. So there is an inconsistency between what recreational license you have. You can kind of read one of the regs to say, you are only allowed to use trot lines or collapsible traps. The other one says you can use them both at the same time.

Everybody's understanding has been you can use them both at the same time so we are just fixing the one to say that you can use them both at the same time just so that way there is no confusion from any individual or NRP. If they have a license, they can be out there doing both.

The female closure periods: These were put in reg a while back, and we notwithstand them every year for as long as I can remember at this point with a public notice that sets the mature female bushel limits for commercial folks. So it is not that we are increasing pressure on the mature female

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crabs. It is just that we are getting rid of something that we haven't used and has just been something that we have said to ignore for the last I don't know how many years.

If we ever had to have another closure, we could do the exact same thing by public notice, which is how we set the bushel limits right now. So we are not hamstringing ourselves in any way by getting rid of it.

And then lastly it is just a clarification on the days off that they declare. We are going to scope this on the Website and then the other electronic means -- through our email lists, the Constant Contact e-mail list, and on Facebook and Twitter. Any questions on that?

(No response)

If not, moving on. Cobia: ASMFC is has approved the initiation of an FMP for cobia, and the -- what we are anticipating is that at some point in the near to mid-future, they are going to have states write regulations on them.

We do not have the authority to do that right yet so we are going to declare them as in need of conservation and explain the biology of all that so that if and when ASMFC tells us we have to have to rules in order to have a cobia fishery, we will be able to write rules to have a cobia fishery.

I know a lot of folks are catching them this year, and everybody always seemed to be surprised when I told them,

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yes, there are no rules at all. So now potentially at some point in the future there will be but just listing them in the need of conservation is the first step to us writing rules.

When we do write rules on cobia, there will still be another regulatory process with public comment, feedback and all that. Right now we are just declaring them as in need of conservation with an eye toward the future of needing to write those regs.

Again we are going to send it out on the Website, on the e-mail list and the other electronic stuff. Any questions on that?

(No response)

Moving on, hard and soft clams: We are going to have to write regulations to get our state in line with the National Shellfish Sanitation Program model ordinance. One thing I will point out with this in the discussion paragraph of this, there is a line, this line here, saying we are going to have to follow a vibrio control plan.

That is actually not accurate. We just heard from DHMH recently. We are going to have look at it every year to determine if we need to implement a vibrio control plan for hard clams. And when this goes out to the public, that line will be changed to reflect that.

But just so you understand in your handout, what you see isn't going to be what goes out to the public because that

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line needs to be fixed.

Our commercial hard clam fishery in the bay is almost nonexistent so it really shouldn't affect hardly anybody. The only addition to that as far as scoping would be we are going to also talk to the Coastal Commercial Fisheries Forum because some of their folks might be affected.

Cownose rays: We are going to list cownose rays as in need of conservation. And we are going to create daily catch limits. We don't have a set guideline on catch limits yet. If you read through the discussion, there are also potential actions that we discussed. We set daily catch limits for both the commercial and the recreational fishermen.

If you want more background on cownose rays, we also have a handout in your packets. It looks like this. It is a memo that we drafted up. And it goes through all the background of how we got here and why it is necessary to declare them as in need of conservation. So that is in your packets. I am not going to go over it since we are running so far behind. But again if you have any questions, please get in contact with us.

The department is also going to be requiring a permit for cownose rays tournaments. So that way we can get a better of A, how many tournaments there are, and the harvest effort on the rays in these tournaments because a lot of where the public feedback had been coming from was that public

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1 spectacle of those tournaments. They had been all over the 2 news.

But again this goes to trying to collect better data to manage these things. And again as far as where we are going to scope it, it would be -- we would send it out, put it up on our Website and send it out to the electronic contacts.

Recreational shark rules: Requiring certain sharks to be released in a manner that maximizes survivability.

Delaware actually put similar rules in place a couple of years ago. There are protected shark species that some folks catch both from shore and on charter boats and I imagine people go out recreationally sharking without a charter boat also in the ocean.

This is just going to require proper handling of these prohibited sharks. And it would be complementary to what the feds require as well. This will also go out to the electronic contacts I discussed before and the Coastal Recreational Fisheries Forum.

One thing I will also point out is that the town of Ocean City also passed some local ordinances this summer because there were a bunch of sharks being caught and put up on Facebook and there was a bit of -- I don't want to call it hysteria but a lot of concern as far as what that could look like.

And a lot of the pictures that were being displayed

also didn't ensure maximum survivability, and they are a 1 protected species so Ocean City took some measures to prohibit 3 certain methods of fishing from their beaches. This is kind of complementary as far as making sure that sharks that are 4 caught are released with maximum survivability. Any questions 5 6 on that? 7 Questions and Answers 8 MR. PITTAS: Assateaque also has a lot of sharks 9 that they catch down there, and I am not sure about the 10 regulations that the bait launchers --11 MR. HOLTZ: I know Ocean City prohibited using -folks were using like kayaks to kayak their bait out. 12 13 Ocean City prohibited that if I understand correctly. 14 don't have any state rules so that would still be allowed on 15 Assateaque under our current set of rules --16 MR. PITTAS: The bait launchers would? 17 MR. HOLTZ: Bait launchers and kayaks both as far as 18 the state goes. So down in Assateague it would still be allowed, and I think -- I mean obviously if you have any 19 20 concerns about that, please get in contact with us and we can 2.1 discuss if any further restrictions need to happen as far as 2.2 the state goes. Any other questions on that shark piece? 23 (No response) 24 Moving forward, the smooth dogfish, it is a

commercial thing. If you really want to look at it and get

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back to us, that would be fine but it is about catch 2 composition. It is complementary to some of the ASMFC 3 changes. And then lastly, this yellow perch thing, while it is commercial I will just bring it up because I know there has 4 been interest from this commission about yellow perch. 5 6 It would change the size limits for commercial hook and line to be consistent with the other commercial harvest 7 methods. So it would now be an 8 1/2 inch minimum size and 11 8 inch maximum size. Right now it is just a 9 inch minimum size 9 with no max for commercial hook and line. 10 11 It really just gets a size limit consistent for the 12 commercial fishery, and I don't believe we really think it is 1.3 going to have much of a change other than just keeping things consistent because most of the guys doing yellow perch 14 15 commercially are all using nets, I think mostly fykes. 16 Again so we will talk about it with you all in 17 Constant Contact, Twitter, Facebook and the Website. Are we 18 good with that? 19 (No response) 2.0 All right, so that is scoping. 2.1 MR. GENOVESE: If you all recall, an e-mail was sent 22 out on the FMP updates. You are to provide Nancy Butowski 23 with comments. And I don't recall the exact date but it was 2.4 in November sometime.

MR. GRACIE: I think we just got them the beginning

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of this week. I haven't had a chance to look through them yet.

Recreational Oyster License Workgroup Updates

by Jacob Holtz, MD DNR Fisheries Service

MR. HOLTZ: That last agenda item that Sarah was going to be covering is the Recreational Oyster Workgroup. So this workgroup met back in August -- it is the Recreational Oyster Workgroup -- to discuss recreational oystering.

As far as outcomes that Sarah asked me to cover, NRP is going to be doing intercept reports. They will be providing those to fishing and boating just to give us an idea of the number of recreational oyster folks they run into.

They will be doing targeted enforcements on the first Saturdays of the month since Saturday is a recreational only day. Commercial folks can't be out on Saturday. The workgroup is going to follow up on a summary of the NRP reports. And we are looking into adding a question. If you currently get a recreational license, I believe you are asked, are you planning to fish to largemouth and smallmouth bass?

Instead of looking forward and saying, are you planning to recreational, we need to ask a question, looking backward, saying did you recreationally oyster in the last year? Because there is not currently a recreational oystering license. So when we are interacting with folks in that licensing setting, just to get an idea of how many people are

recreationally oystering. 1 2 We are looking at the feasibility of getting that as 3 a checkoff or a question added to the Compass system. IT is still looking into if and when we will be able to get that 4 done. Ideas that they are going to follow up on would be a 5 6 free registration, perhaps adjusting the boat or a vessel 7 limit for recreational harvest. 8 Right now in statute it is one bushel of oysters per person recreationally per day. Potentially we could look at 9 10 adding a boat limit if there is what we would perceive as abuses of that given some of the stories that have been told, 11 12 which -- honestly I can't personally speak to them. And then 1.3 Sarah is going to follow up on possibly adding a recreational 14 oyster tagging requirement. 15 She is still looking into that and we don't have an 16 answer on it yet. She is going to get back to that oyster 17 workgroup when she does have that answer. Any questions? 18 MR. GOLDSBOROUGH: Questions for Jacob? 19 (No response) 2.0 MR. GOLDSBOROUGH: I think we are good. 2.1 MR. HOLTZ: All right. And that should be it for 22 me. 23 MR. GOLDSBOROUGH: All right. So we are going to 2.4 Tom Parham now.

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Chesapeake Bay Water Quality Patterns by Tom Parham and Jim Uphoff, MD DNR Fisheries Service

MR. PARHAM: I am Tom Parham. I am the director of tidewater ecosystems assessment. I oversee Maryland's tidal water quality monitoring.

I am going to be doing kind of a tag team with Jim Uphoff here.

MR. BLAZER: If I can set this up a little bit. If you recall at the last meeting, and I think it was part of the conversation of croaker, spot, what is going on down in the lower bay as far as water quality and some issues associated with some of what we were seeing when we met back in July, so we have asked Tom and Jim to kind of fulfill that action item that you all requested. So they have got a brief presentation.

MR. PARHAM: like Dave was saying, we kind of got this discussion a while ago. We also heard through Mary Gary down at Potomac River Fisheries Commission, he was talking with some charter captains who have been having some questions about what is going on in the lower Potomac.

And I will make this relatively brief because I know you guys -- we are kind of behind schedule a little bit. So this is the question. Beginning in 2006, why were the rockfish moving out of the lower Potomac much sooner than normal and heading up the bay to join the schools of fish up

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1 | in that mid-bay area?

And they reason why they were saying it, they were saying normally they can catch rockfish off of the mouth of the Potomac along that main bay area, 30 to 35 feet. But after 2007, that pattern disappeared.

So we kind of break this down two different ways.

Jim Uphoff is going to kind of talk about looking into the fisheries stuff. Then I will talk a little bit about looking into the habitat.

MR. UPHOFF: When were we -- I mean, actually it has been, it must be long enough that I have forgot and did a lot of this. But we kind of got into this and we cast a pretty broad net, and just in general, in the fish information as best we could, trying to look for general shifts over time of legal fish. Maybe looking at commercial reports or charter boat reports or something, catch data, distribution of tagging returns.

Found some information online from one of the Virginia Institute of Marine Science surveys. Could get a little bit of a handle on forage fish. We have tracked the condition and nutrition of rockfish over time. And just general fishing reports.

And honestly not a whole lot from this leaped out. But this is just -- that was one of four slides I am going to cover.

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Basically the movement of striped bass in the bay were described in the 1950s and 60s from tagging data. This is --- and Ed Hollis. And also there have been subsequent studies. Basically right after spawning, the mature females leave the bay. They head up to New England, spend the summer up there.

male fish in this coastal migration. But most of the males and some of the immature females stay in the bay and we consider them or label them as residents. This is what our recreational and commercial fisheries are based on, other than the trophy season.

And again the tagging in the 1950s to the 1960s indicated that most of these resident fish leave the spawning tributaries. Not all of them but a lot of them leave the spawning tributaries and then will basically spend the summer into the fall in this area between Poole's Island and Tilghman Island.

And again that is something that has been something that has been established for a long time. Basically the heart of our fishery, summer fishery, is still there. But some fish do remain in the tributaries throughout the summer or other areas.

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So the striped bass program had a couple of data sets that at least provided some opportunity to try and get some numbers behind this. And they tag every spring during their spawning stock survey a bunch of fish, some of which will be residents. A bunch of them will be males, which will basically be resident fish. They can't spawn immature females because they are not on the spawning grounds.

So that data set provided an opportunity to look -- to get at least a gross look at where fish, from the Potomac River, that spawn in the Potomac River, where do they go within the bay after they spawn? Somebody -- I don't even know who anymore, I found this in my file not that long ago -- sent me the tagging records, the recaptures within the Chesapeake Bay.

And then I looked at the May all through August returns just figuring that would be an approximation for when people were worried about this shift.

So I basically took the data that was in hand, made an estimate of the percent of fish that were tagged in the Potomac that were reported caught in the Potomac or lower bay --- area. For those of you guys who maybe were filling out fishing reports, that lower bay area is 029, which is basically Coake* Point to the Maryland line. And then all the Potomac River and its tributaries.

And in order to get an adequate sample size, I set

up two time periods. One was from 2000 to 2006. That gave me about 65 returns to work with. And then from 2007 to 2013, and that was 68 returns to work with.

And basically when you just estimate the percent of fish that were tagged on the Potomac River spawning grounds and recaptured within the Chesapeake Bay, 51 percent of them were recaptured within the Potomac and lower bay during 2000 to 2006. For the next time period, it was 53 percent.

So we are basically -- with these data it is saying 51 versus 53 percent. It is not suggesting a migration change.

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And then just the spawning stock survey again, you know, part of the spawning stock are the mature females but they also sample males very effectively. And the male fish are basically most likely to be our resident fish. Then the fish who are four to six years old are most likely to make up our fishery.

So looking at just sort of a relative abundance index of that age group, between the Potomac River and then they do another survey up in the upper bay that is just like it, basically there may be a time period right about somewhere in here where there may have possibly been less fish coming out of the Potomac.

But there is no consistent pattern here of say the

Potomac River relative abundance diminishing. And so from that end, that is kind of it from some of the fisheries data end of it. Tom gets to talk about water quality some more.

MR. PARHAM: So we were looking at what else could possibly be going on?

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So what other changes? And so I am going to look at water quality, habitat, what other things? So you all have seen this picture of the bay. The arrows kind of cover where the deep trough is. You can see the lower Potomac and the main part of the bay. That is the deepest water. That is where you have low dissolved oxygen. That is where we have lots of problems.

That is just an average late summer, so that is the general area right there that we are going to kind of talk about. So with that low DO, obviously the fish aren't going to stay around. This is something we have put on the fishing report, and user water quality data throughout the year to look at temperature and dissolved oxygen.

And you look at --- it kind of sets up nicely and matches up with the fishing report. So that is where the fish are. So I am sure you are all familiar with that. They all move up in that August period. That is where the bulk of the fish are.

And you have heard reports that there were a lot of

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charter captains bringing their boats up to that area.

So what happens when you have lots of low dissolved oxygen? It impacts what is living on the bottom. So if you look at -- these are side views. And so this side has most oxygen. It is kind of tan-colored. It has got lot of shells and worms living in it. As you go toward less oxygen, it becomes black --- essentially.

(Slide)

So this is what you are seeing in deep troughs and areas that have very, very low oxygen. There is really nothing living in it. So if you are any kind of fish looking for worms on the bottom or clams, when you have areas of low dissolved oxygen, there is really nothing there.

(Slide)

So for the rockfish that are coming down the bay in the springtime, one source of food is certainly the clams and worms, and the organisms living on the bottom of the bay.

These things, we are going to look at these. They call them polycletes. Basically what is living on the bottoms. May worms, yes actually that is the reproductive --

(Slide)

We looked at -- the state pays for a benthic survey where they do lots of lots of --- randomly throughout the bay in Maryland and Virginia and also some fixed site. At those cores, they look at what sort of organisms are on the bottom.

1 How many of them are there? What is the condition? Is it low
2 dissolved oxygen? What is causing those problems?

So what I did for this period is I highlighted the areas just to kind of focus on them because when I spoke with Marty Gary and other folks, they were saying this is the area where they can -- where it seems like the captains weren't catching the fish.

So these areas. So you see lots of black dots. And those light colors, that basically mean there is nothing there, very small amounts of worms. You get that black mayonnaise, if you get decent or better conditions, the first thing to come back are the worms. You are not going to see lots of clams. So there will be worms.

So when you have year after year after year of poor conditions, if something is going to come back, it would be those polycletes. So this is just kind of 1995, 1997. And I will just quickly toggle through and I will show you what is going on. This area has been --

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If you look at our long-term trends for quality conditions, this is considered severely degraded. So as I step through, you will see something here. You are still seeing some bigger circles that show there is more stuff going on.

(Slide)

So we here go 1998 to 2000. And the thing that we 1 2 are looking at is that 2005, 2006, 2007, where we are seeing 3 stuff that is changing. So again we are seeing some dots. Small dots mean there is really nothing there on the bottom 4 for those fish to eat. 5 6 (Slide) 7 So 2001/2003, still lots of black dots. But now we start to move to 2004 and 2006. 8 9 (Slide) 10 A lot less that is going on in there. And then the 11 year 2007, when you look at our benthic sampling, this was the 12 worst clump of years for the lower Potomac, this area right 1.3 here in DC. It is just all black dots, basically nothing. And the main stem river was also classified as severely 14 15 degraded. That was the worst scores that they had. So this 16 is kind of coinciding when we were getting those comments. 17 (Slide) 18 Again this is just one source of food but we were 19 trying to find out what is happening in the water that might 2.0 possibly include an explanation. 2.1 (Slide) 22 So 2010/2012, the Maryland main stem is still 23 classified as severely degraded. You can still see it. This 24 is still very, very bad. So if a rockfish is coming up here

looking for something on the bottom, there is nothing there.

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Or as he moves up the western shore up the bay, there is really nothing there. 3 One thing we are seeing, the Tangier Sound area does have, the benthic --- there is not that bad. So I am not sure 4 5 for the captains that fish over in that area whether that is -- how they were doing in that area. 6 7 MR. GRACIE: I missed that. What area was that you were pointing to on your right there? 8 9 This is the Tangier area. MR. PARHAM: 10 MR. GRACIE: Oh, Tangier. Thank you. 11 MR. PARHAM: So as I was toggling through, these are 12 better conditions over here. 1.3 (Slide) And here we are for the region '13 through '15. 14 15 Slightly better but still again severely degraded. And so you 16 say, hey, what the heck has been going on? Why is it so poor 17 there? Well, again, this area is suffering from hypoxia, 18 which is dissolved oxygen --- where it actually bottoms up to 19 zero. 2.0 So it is hard for anything to live in there. 21 plus side is, the last two years, Maryland has experienced two 22 years of --- . So we didn't get down to zero. 2.3 **Questions and Answers** 24 MR. GRACIE: In the trench. 25 In these areas. Nowhere in Maryland's MR. PARHAM:

part of the bay did we get down to zero. It was close to the line but we go nowhere near it. 3 So this year, for low dissolved oxygen, was about an average year. But if you look at it for the big picture --4 5 you know, we have all heard about this bay restoration -- we have a pretty good plan in place, and we have looked at what 6 7 is happening in all the rivers that are coming into the bay 8 and the bay itself. 9 The amount of nutrients that are coming in the bay 10 are definitely dropping off. While we are seeing improvements 11 in the upper rivers, we still haven't seen stuff in the lower 12 Potomac but it is making its way. 1.3 MR. GRACIE: You are talking about nutrients but the immediate local problem is high BOD organic sediment, not the 14 15 nutrients. The nutrients are doing stuff upstream, which is 16 sending that stuff downstream. 17 MR. PARHAM: Sort of because remember the nutrients 18 are food for algae. So what happens is all that --- that is 19 coming through is food for algae. 2.0 MR. GRACIE: And the algae dies and gets caught up 21 in the fine silt, and that is the high BOD on the bottom. 22 MR. PARHAM: Exactly. 23 MR. GRACIE: So you are talking about benthic 2.4 anoxia.

MR. PARHAM: Yes, but what is happening is because

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you have high -- lots of algae in the water, it is causing ---1 to add on to that. So looking at all the sorts of things that 3 Jim was saying, the fish data is not showing anything really clearly. The tagging data is not really supporting it, 4 distributional shift. 5 6 But the habitat conditions are bad. We went through 7 a period of really bad conditions during that time period. 8 is this kind of jibing with what you guys are seeing in the 9 water, Phil? 10 MR. LANGLEY: Tom, you know, I guess my questions is 11 it wasn't like a light switch, okay? But what transpired? We 12 had a building boom, you know, where you could have had 1.3 runoffs and nutrients or whatever in the water back then. But. 14 in the last several years, the building has been down, 15 construction has been down. And what transpired in that area? 16 I have fished that area all my life. 17 MR. PARHAM: The lower Potomac? 18 MR. LANGLEY: Yes, the lower Potomac/Point Lookout 19 And it is just like kingfish, whiting. We have seen larger numbers, which are bottom dwellers, larger numbers of 2.0 21 them here in the last three years than we ever had in the 22 Chesapeake Bay. So if the oxygen can sustain those fish, what 23 is it with striped bass that -- I quess this whole thing just 2.4 confuses me.

MR. PARHAM: Well, the last couple years, as bad as

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they are, things are getting a little bit better. And so if you look at the big picture, like I was saying earlier, all the nutrients, which is algae food coming into the bad, those levels are dropping.

MR. GRACIE: The only reason I tried to make the point I did is there is a lag time. So if you kept the chlorophyll A down, and algae blooms were down for three years, you would see a gradual increase in the benthic DO because it takes time for that BOD to work, and then you get more oxygen.

So you go to -- it depends on how much movement there is in the bay too. So it falls behind by years not necessarily by weeks.

MR. UPHOFF: It is also not necessarily the hypoxia. It may be part of the issue. Part of this is in the spring, somewhere around or May or so, May/June when the males leave the spawning ground, there is not a lot of -- resident fish -- there is not a lot of forage fish in their size range but they will feed heavily on invertebrates when they are there.

Some years they can feed enough on polycletes and really little stuff to actually pick up a little body fat.

Other years they don't get it. So it not necessarily just the linkage to the water quality directly because there is the possibility that there is not enough food to hold them in place and they just keep going rather than --

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At some point with these fish, they come out of the spawning grounds, they kind of make a move, keep moving, and then they just stop for the summer more or less until about this time of year or earlier a little bit, and then they start moving back and feed on the forage fish.

So it is not necessarily that it is the hypoxia itself but the hypoxia perhaps related to the benthic community to this one food source. These fish have basically spent all their energy reserves. They are exhausted. They need to get something. And sometimes -- like the May worms are going to be very energy rich because they have got eggs and stuff like that. And if there is enough of them --

I mean, some years you can't catch a fish because they are feeding on May worms.

MR. LANGLEY: The only thing is, and it does make sense to a certain point of it, but I can tell you if things are getting better, and the last three years, for years, the summertime fish are pushing farther and farther north. And Eddie Green, some guys, the guys out of the middle bay, Chesapeake Beach Rod and Reel, those guys were relocating boats and going farther north.

So it seems to be, you know, all the way above the Bay Bridge now --

MR. UPHOFF: There is saying -- there is a really famous stock assessment quy, a quy named John Poke. He is

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still alive. But he had a wicked sense of humor. He said counting fish is like counting trees except you can't see the fish and they move.

MR. GRACIE: And the trees stay still.

MR. UPHOFF: We went through a lot of information and I know we didn't answer the question but these were some things that might have contributed to it. And I see it where I go. I live where the Choptank, I fish there all the time.

We had a great like early part of the season and then nothing. And some years we have made out much better than other people. And some years we haven't. We don't have the information to track something down in that detail but these were the things that sort of -- we could bring to the table. This is really hard and we tried it.

MR. PARHAM: So one thing about those fish up above the Bay Bridge. During the summertime you have the hot water and you add the low dissolved oxygen in those little wedges. We are out in the bay sampling every two weeks. We do ---. You put all of that together, it actually fit in really well to where the fish were. So that matched in.

MR. O'BRIEN: I think we missed some basic things here. The fish go where the food is, where the bait is. We had a situation where they were going to the upper bay and that steady migration patter that they have been taking for as many years as I have been in this bay. But then people

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started chumming around that nuclear power plant. Right in under it people were getting in there and I mean the fish just flocked to there because it was always chum going in the water. And people were bringing some eels in there too. And that was a big fishery.

And then when the Coast Guard kicked us out and made us go X hundred yards out from that, the fish started going north again. In other words, that bait wasn't holding them as well. But that is a major thing. That was a real blockage of the migration, that situation around the power plant.

And everybody was there. 1,000 boats on a weekend day.

MR. UPHOFF: Without getting to deep into the weeds, the other possibility for this is, and that would be just what you are saying is, that the fish in the upper bay are more accessible. Because of the chumming bait, chumming, chunking and live lining basically -- I have got a bunch of diet data on the Tilghman fleet, and come summertime there is a very large fraction of the diet weight in those fish that is bait.

Now the trouble is, it could be a really biased sample. But it does -- this is the kind of thing that is really tough to talk to fishermen about because you are making some insinuations about, well, they might be there and you can't catch them. I don't want to hear it and neither does anybody else.

So I hope, as delicately as I could, that is another 1 factor. 3 MR. GOLDSBOROUGH: All right, let's move it along, folks. We are way behind. Jim and Mark. 4 MR. GRACIE: Really I think the message here is that 5 we are not dealing with migration. We are dealing with 6 7 movement for food and habitat. And it is all correlation at this point. You don't have the direct data. I understand 8 that but it is pretty strong. And it is all makes sense. 9 That is fantastic data. 10 11 MR. DeHOFF: A couple quick things. One is in a 12 couple conversations I have had about this over the years, why 1.3 some of these fish might be congregating up near the Bay Bridge is that it is a big mixing bowl up there. 14 15 Bridge, with all the pilings and everything --16 MR. UPHOFF: It has always been --- even before the 17 bridge was there. And when I was a kid, the place was unreal 18 with -- it doesn't support anything near the fishermen it used 19 to. 2.0 (Simultaneous conversation) 21 MR. DeHOFF: And then another question is about how 22 long does it take for a benthic community to regenerate once 23 you get back -- a couple years before you start seeing --2.4 MR. PARHAM: They can come back pretty quickly. I 25 can get back to you on that, whether if you have full health

or clams and all those other ones in it but those polycletes 1 2 come back pretty quickly. 3 MR. GRACIE: Well, each one lays about a million eggs, so they have a quick rebound. 4 When you look at the sediment, those 5 MR. PARHAM: sediment cores, the ones that black mayonnaise, there is no 6 7 oxygen going through that surface. 8 MR. GOLDSBOROUGH: Any other questions for Tom or 9 Jim? 10 (No response) 11 MR. GOLDSBOROUGH: Thank you, guys. That was really 12 good. And we had asked for that. Very helpful Okay, now we are to Mike. 1.3 Estuarine and Marine 14 15 Michael Luisi, MD DNR Fisheries Service 16 MR. LUISI: I will go quickly and I will focus on 17 the highlights knowing that there are certain points here that 18 you are going to be more interested in. 19 My name is Mike Luisi under the new division, under 20 the reorganization Division of Monitoring and Assessment 21 Reports. So you are going to start seeing that. It used to 2.2 be estuarine and marine. Now it is monitoring and assessment 23 so just get used to seeing those reports. 24 I am going to begin with a quick ASMFC update. 25 annual meeting starts next week.

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We are all leaving to go up to Bar Harbor, Maine. There are a few items that I thought would be important or would be of interest to you.

So for summer flounder, I know that the bay -flounder isn't the big thing here in the bay. It is more of a
coastal issue. But I thought that at least you guys should be
aware that there is a possibility, very likely possibility,
that they are going to be taking some big cuts in flounder.

The quotas have already been reduced by about 30 percent on top of last year's reduction of about 23 percent. So the quota is coming down pretty severely, and I have no doubt that this year will be the year where recreational measures are going to need to be changed.

We are currently managing in kind of a regional way. So Delaware, Maryland and Virginia all have the same rules and regulations, and the regulations apply to both inland and off-shore waters. That is going to be at risk. I have a feeling given the interest from some of our northern states in changing that approach.

We won't know. There is a lot in the air but it is important that you guys know that there are some changes possibly coming as well as with black sea bass but that is better news. The black sea bass assessment will hopefully allow for more access to sea bass, which has been something

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that has been pretty constrained over the last years.

Cobia was already mentioned earlier. So the cobia regulations that will be -- well, ASMFC is working on an FMP for cobia. We have no rules, as Jacob mentioned earlier. However, it is likely that through the course of this FMP action, we are going to be asked to put forth regulations.

And I have been contacted by a few people who have concerns over those regulations because if they are to mirror or mimic the off-shore fisheries, the regulation that the federal government is likely to put in place, the minimum size would be about 36 inches on a cobia in Maryland, in Maryland state waters.

Now that may not be as big of a deal on the coast, but in the bay, the access that we have here in the bay is for smaller fish. So one of the things we are planning to do is to make sure that the FMP, as it is being developed, includes conservational equivalency in some way.

Now that would mean you would have to give up some fish and a creel limit or maybe potentially modify the season to get a smaller fish. That is just how conservational equivalency works but we want to make sure that is in the package going forward so that there are flexible options for our fishermen in the bay.

The menhaden board is meeting. I know that a lot of you are interested in how menhaden management is going. There

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is a potential for an increase. I would say it would be small if any increase in the quota given the conversations that have been had along the coast.

We will be continuing to work on amendment three, which is looking at ecological reference points and allocations for the future. So 2017, nothing is going to change other than the quota. And it might not even change.

But then 2018 and beyond are hopefully going to be within a new management approach there with menhaden and with striped bass. I know that is the thing that most people pay attention to and are focused on.

So there is going to be an opportunity for us to seek some action by the board, and it would be our intention to seek that action in order to reduce or liberalize or provide some relief to the rules that we currently have in place. We currently have the spring trophy and the summer fishery. It is mostly the summer fishery, I think, that people are focused on as far the 20-inch minimum size limits that we currently have.

There is new information -- let me get back to this. (Slide)

There was an assessment update. So we suggested to the board and to the policy board last year that they do an assessment update so that we could have data to represent the impacts of the rule changes that we made in 2015. You all

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remember we went from 18- to 20-inch fish in 2015.

Well, we didn't have any way to quantify what happened as a result of that. So the assessment update is going to be presented to the board, and that is a line of spawning stock biomass, and you can see the dotted line at the bottom that we are just about approaching on the right side of the graph. That is the threshold for overfishing -- or I am sorry, overfished.

We do not want to go through that line, through that threshold. And it is somewhat of a concern when board members see that. However, the arrow that I placed up there -- I am sorry. It is a little small. It is pointing to a point in time when we thought the stock was going to go through the threshold before. And so that point in time goes back in 2012 when the graph looked just like this. And everybody hit the panic button, and we put forth the measures that we did for protection and conservation.

However, a few years later that point in time from 2012 has changed, and it is called a retrospective bias to the information. So what we see is that the spawning stock biomass always comes up higher the farther you get away from the last assessment. So if I were to look at that graph and we were to use the retrospective bias, we would look and that and think, well, the stock doesn't necessarily look like it is in too bad a shape, back in 2012.

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However, we did make changes and we are living through those changes right now. The more important, I believe, the more important piece of the assessment is fishing mortality. So what you will see there is our current fishing mortality.

Now the lines on the graphs flip-flop when you do -- you want to be low. So the target level is the lowest line. And that was the level that back in 2015 when we made the changes that we did, the objective of the changes was to reduce fishing mortality to the target or below, within two years.

And so just as of 2015, you can see we are considerably lower than the fishing mortality target, which means -- we were arguing all along that the reductions that were being called for were too severe and too restrictive and it was too much of a step to take.

So this information now gives us some room to work with the board to try to get other board members in other states to see what those impacts were. We had conversations all year last year in 2015 about the severity of those reductions that we took. And this fishing mortality, which is a coastwide fishing mortality, is a reflection of that.

So it reflects the suffering that you guys went through, and it gives us something to work with as far as taking this to the board and asking for some relief to our

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rules.

So I can't -- I don't have a crystal ball. I have no way to know what the outcome of that is going to be. But know that Maryland, Virginia and the Potomac River met -- the Potomac River Fisheries Commission -- we met last week, and we have support of the bay jurisdictions on going forward with a request to the board to potentially get some relief.

Maybe a 19-inch fish or even potentially suggest to the board kind of the resetting and getting away from Amendment Four and going right back to where we were prior to that. And that was just something that we discussed.

We are not necessarily sure how that is going to play out but those are things that we are going to be discussing for the next few days. So that board meeting is next week where this will be decided. Lastly, on that, there isn't another assessment planned until the benchmark assessment in 2018.

So the benchmark assessment is going to take into consideration male/female relationships that we have talked about before. You know, all the males in the bay and the contribution of those males to female spawning stock biomass is obviously nil.

The benchmark though is years from now, and there will not be another assessment between now and the benchmark. So this is our opportunity to address this issue with the

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board. However, if it fails to go anywhere, if the board 1 decides ultimately to leave things alone until the benchmark, 3 we have got about three years ahead of us at the same 4 regulations that we are currently in. We can modify those rules within the state but we 5 would have to give to get. If we drop the size limit, you 6 7 have got to give up the season or go from two fish to one 8 fish. Those are all things we can always do. But to get 9 relief from the ASMFC board will have to happen as a result of 10 this meeting that is coming up. 11 I can stop there unless you want me to --12 MR. GOLDSBOROUGH: Let's see if there are any questions. 13 14 Questions and Answers 15 MR. GRACIE: You talked about the bay. Have you 16 talked to any northern, northeastern states? 17 MR. LUISI: Yes. MR. GRACIE: What is the feedback you feel? 18 19 MR. LUISI: There is not a lot of commitment at this 20 point. Nobody is saying one way or the other. 21 MR. GRACIE: But not strong resistance either? 22 MR. LUISI: There is probably going to be more 23 resistance from states north of New York. 24 MR. GRACIE: That is why I am asking the question. 25 MR. LUISI: So New York north is going to probably

be more resistant. New Jersey south may not. 1 2 MR. GRACIE: Have you talked to New Jersey? 3 MR. LUISI: Not yet. I mean, not since this information became available so we, Dave and I, plan over the 4 5 next few days --6 MR. GRACIE: So you are going to do all your 7 lobbying when you get there then. MR. LUISI: Well, we are going to make phone calls 8 this week. I got a couple more days left. I mean, the amount 9 10 of time we have between now and the meeting is endless to talk 11 about striped bass. That is all that we are going to be --12 Dave and I are going to be lobbying --1.3 MR. GRACIE: But you might get a chance to get their 14 attention better now than when they are all there. 15 MR. LUISI: Sure. It might be easier now. Over the 16 next few days we are going to work on that but I wanted you 17 guys to be aware of what -- you know, the department's plan 18 was moving forward, and some of these thoughts. 19 Quick update on the Mid-Atlantic Fisheries Management Council. We met a couple weeks ago. And one of 2.0 the decisions that came out of the council was not to include 2.1 22 shad and river herring as stocks in the fishery. 23 something I have mentioned to you many times before. 2.4 The council ultimately voted to leave the fishery 25 managed as it currently is in federal waters, which is under a

harvest cap in the midwater trough fleet. And there is a 2 technical working group that is working very diligently to try 3 to fill in the data gaps so that additional management measures could be used in the future. We are just not ready 4 at this point right now. The council wasn't ready to go 5 6 forward with that right now. 7 Just to put it on your radar, there is an obligatory seat on the Mid-Atlantic Council that is going to be open next 8 year. Howard King, the former director here in fisheries, 9 will be -- he will be leaving the council next year so just 10 11 keep it in mind. Dave and I have continued to mention that 12 there is this opportunity to become involved, and this is the 13 federal waters measures. 14 The advice that we give to NOAA comes through the 15 council. 16 MR. GRACIE: Haven't you already accepted and closed 17 nominations for that? 18 MR. LUISI: We did it last year for a different 19 That was an at-large seat. This is a Maryland 2.0 obligatory seat. This is one that we want to -- we have to 2.1 fill. 22 MR. GRACIE: Do you appoint that? 23 MR. LUISI: No, that is appointed by the Secretary 2.4 of commerce. But there is a process.

MR. GRACIE: Do you make a recommendation or do you

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policy that we have.

recommend three like you have done in the past? 1 2 MR. LUISI: We will ask for applications and we will 3 send information downtown, the governor's office. appointment's office is the one who makes --4 MR. GRACIE: I was in the process once when Howard 5 King went on. I was just trying to remember. 6 7 MR. LUISI: Lastly on my report, an issue regarding the striped bass tournament policy. So we have been asked --8 there was a phone call, e-mail, communication with our office 9 10 about our policy. And so what our policy is for tournaments is harvest 11 12 tournaments, if you are going to be harvesting striped bass 1.3 during a tournament, that is only permitted after May 1. 14 As you know, the striped bass season, the spring 15 trophy fishery opens the third week of April. So there is a 16 week to 10 days sometimes, maybe a little bit more, the way 17 that the numbers work, where harvest tournaments are off limits. 18 19 Last year, we did approve one because May 1 was a 2.0 Sunday, and it was a straddling of a weekend, so we approved 21 the tournament to be conducted on April 30. This issue has 22 come up again and we have been asked to reconsider. And it 23 was just something that we wanted to bring to your attention 24 to get any feedback that you may have regarding the tournament

And that is all I have for this portion of the 1 2 report, Mr. Chairman. 3 MR. GOLDSBOROUGH: Any questions for Mike from the commission? Phil? 4 MR. LANGLEY: Quick question, Mike. What do you 5 think are the chances that the cobia fishery will be regulated 6 7 this coming season or do you think that it, depending on measures that are taken, do you think it will be the 2018 8 season? 10 MR. LUISI: Probably more likely, the way that FMP needs to development. We haven't made the decision I don't 11 12 think internally yet. We are asking for in need of 13 conservation so we can have the authority but I think it is probably going to be best for us to wait until that FMP 14 15 develops, and there are options that we will be able to work with ASMFC on. 16 17 I don't -- I think it is more likely 2018. Just my 18 opinion. But if ASMFC -- so when they finalize the FMP, and 19 there are measures in there, they will have an effective date. 2.0 That is something that we need to kind of shoot for to say, so 21 we need to get our ducks in a row, we need a little extra 22 time. We can ask for that. 23 MR. GOLDSBOROUGH: Other questions for Mike? 24 MR. O'BRIEN: I have just got a comment. When we 25 had this meeting down in Orlando, is when we made the

progress. We get the 2015 data into the hopper, which is showing some flexibility we didn't have before that.

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At that meeting we were well-represented the commercial watermen, charter boats and recreational fishermen. It just showed me how when people work together and back up our department, we can get things done.

Whereas the striped bass board wasn't going along with this, we got it to where the policy committee took it up and gave us the opening to continue on this 2015 search of the data because we knew it was going to show we had a much lighter catch than had been protected. Any comments on that, Dave, because you all did a hell of a good job.

MR. BLAZER: We are kind right where we thought we would be with the data and everything so I think the plan is falling into place so far. There is still a lot to go.

MR. GRACIE: Go get 'em.

MR. SIKORSKI: Can you clarify what you are talking about with regard to tournaments. You said there is another request in?

MR. LUISI: Right. So we have a policy that if somebody sends a request and says can I have a harvest tournament on the first opening day, we would say no based on our policy because it would be after -- before May 1.

So we are looking for feedback as to whether or not -- when new requests come in it was recently, we have

received a request for a tournament prior to May 1, it has 2 been our policy to say no. But we wanted to just bring this 3 to your attention again. The May 1 was the cutoff we had there based on spawning behavior. 4 MR. SIKORSKI: So what is the request for this year 5 6 date-wise? 7 MR. LUISI: I don't know the date. 8 MR. O'BRIEN: You have been flexible on the May 1 for about the last 8 or 9 years, you know, based upon the 9 10 proposals that came in to you. 11 MR. LUISI: I know that last year we allowed a 12 tournament to start on April 30 because it was a weekend and 13 we just said -- but this would be if somebody wanted to fish 14 April 15 or April 17. You know, on opening day. I don't know 15 how flexible we have been with the policy to allow harvest 16 tournaments --17 The policy is not that old either. MR. GRACIE: 18 MR. SIKORSKI: My belief is it is a good policy and 19 it should stay in place, the May 1 deadline. The reason for it, if I am not mistaken, is it more directly relates to the 2.0 21 biology of the fish and the hope that more pre-spawn because 22 tournaments generally -- there is a lot of effort out there 23 period. Tournaments can concentrate some effort, and that is 24 probably why that date was chosen.

I know there is a long history of dates moving based

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on us coming out of the moratorium and all that kind of stuff. These are things we have discussed multiple times over the years. I can understand my you made an exemption last year where it was on a weekend. May 1 is a Monday next year. And I would not support any relaxing of the policy for next year. When it is a Saturday/Sunday situation I understand it but, you know, with the information I have been given, I think the policy is the policy and it should stay in place. 10 MR. SMITH: Yes, I would agree with Sikorski on that but sometimes May 1 kind of straddles with April and so it would be nice to continue that policy. It happens every five

years, whatever it is. I don't think that is too much to ask. But as far as, yes, having tournaments before that, I think that is a good policy. We supported it when it first started as far as I know.

MR. GOLDSBOROUGH: Any other questions, comments? Dave, you again.

MR. SIKORSKI: I would be remiss if I didn't mention menhaden. I think you gave a good review. I know we are behind time so I will keep it short but you will see some communications from CCA later this week with regard to a potential increase. We oppose the increase.

At the last meeting, there was a lot of back and We continue to oppose the increase. And I would like to throw just a few numbers behind it really quick just so quys can understand it.

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I think everybody is probably aware that Virginia and New Jersey have the vast majority of the allocation percentage. And so what they are talking about doing is increasing the total allowable catch. They were unable to do it in the August meeting. When I say they, I mean the board, the Menhaden Management Board.

The first business for the Menhaden Management Board moving forward will be to consider an increase but ultimately to set the total allowable catch for 2017. If they don't set it at this meeting there will be none, meaning there is no cap or no quota. So it is important that it is set.

So like I said, we still support keeping it at the level it is at now, which is a 10-percent increase from the reductions that occurred in 2012. There has been a conversation among some states to increase about 6 1/2 percent, which gets us up from about 187,000 metric tons to -- just shy of 188,000 metric tons to 200,000 metric tons.

That is a position that is not guided by science but simply just says, look, the stock is in a decent shape so we can increase quota.

It has been our position that unfortunately we don't have ecosystem based management. We don't really have a management scheme that takes into account that a large

percentage of the harvest just south of us in Virginia waters. 1 2 So to wrap some numbers around that, 85.322 percent 3 of the Menhaden, so 188,000 metric tons, potentially 200,000 metric tons, is harvested by Virginia. 4 11.192 percent is harvested by New Jersey. Maryland 5 is big number 3, 1.37 percent. It is an unfortunate situation 6 7 because for all the times that CCA and Maryland's Menhaden fishermen have been in combat on this issue, this is not the 8 9 case this time. 10 Our position to not want to increase the quota has 11 nothing to do with our Menhaden fishermen. That is why we 12 supported a dual bycatch allowance which gave them more 13 flexibility to harvest the fish that they catch in their pound nets because to be number 3 and to have 1.373 percent is 14 15 pretty sad. 16 If an increase of 6.5 percent happens, the increase 17 in pounds for Virginia will be 22,741,802 pounds 18 approximately. In New Jersey it will be 2,983,067. 19 Maryland, it will be 365,000. 2.0 It goes down throughout the rest of the other 21 Our neighbor to the east, Delaware, will get 3,500 states. 22 So you have an increase in stock, and because of the 23 allocation that was delineated within Amendment Two, states

like Maryland and the rest, everybody but New Jersey and

Virginia, are getting the short end of the stick.

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We weren't allocated a proper amount of fish and the way to do that is moving forward with Amendment 3. And we feel it makes more sense to get the allocation right before we start taking more fish out of the ecosystem. Especially because we don't have ecosystem based management in place yet.

And again, 85.3 percent of any increase goes to Virginia, who guards the mouth of the bay. So that is our position. We discussed it with the managers here in Maryland and we will continue to. There is a meeting later this week and we will have our presentation at ASMFC but this is an important issue for all of us, and I think anybody who fishes in tidal waters or even near shore waters in the ocean should continue to pay attention to Menhaden management.

Amendment 3 is a step in the right direction and it is coming up. There is a great public information document that is out. The board should be approving it. And it has a number of different options on how to manage moving forward and how to allocate moving forward. So I would recommend everybody look into that. It is on the Atlantic States Marine Fisheries Website. Thanks.

MR. DAMMEYER: You said it was Virginia then New Jersey then us. Who is the big buyer in New Jersey. Who is the end user? I know Virginia.

MR. SIKORSKI: Well, the reason Virginia is so large is because 80 percent of the total tack goes to the reduction

fishery, which is Omega Protein. They are the sole reduction 1 2 fishery that purse seines. In New Jersey, that 11.1 percent 3 of coastwide catch is purse seine fisheries. It is part of the bait fishery. It is used for bait. So New Jersey does 4 have the largest allocation of bait quota. 5 6 MR. LANGLEY: Yes, for you, Dave, or you, Bill. I 7 know you have been pretty involved. The 2018 I believe is the 8 ecosystem based management approach. Do they feel confident that is going to go through, and how would that be affected? 9 10 How would the states be affected as far as that distribution 11 goes. 12 MR. SIKORSKI: We don't have time for that. 1.3 (Laughter) 14 MR. SIKORSKI: In my opinion. 15 MR. GRACIE: Well, they would have to go through a 16 vendor and do whole bunch of stuff. 17 MR. GOLDSBOROUGH: Yes, it hasn't been developed 18 yet. 19 MR. LUISI: So if the reference points are set, 2.0 there is also allocation that is part of Amendment 3. 21 there are ways of ways of looking at how to realign those 22 numbers along the coast. 23 But what will happen is -- think of ecological 24 reference points as a piece that is saved for food in the 25 The reference points will include fishing levels that

you think of as adding a buffer to what is allowed to be caught.

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So there is a possibility that it could reduce the overall quota or we may already be below the point for which the reference points suggest we can stay where we are. The allocation is a bigger issue for us because we believe that any change in the allocation, we have some thoughts in the PID on how to accomplish that.

But it lumps us in with a lot of the other small-bait fisheries along the East Coast and allows us to operate in ways that are less restrictive that what we currently have. And that is what we think is our answer. But again that all still -- we are only at the point of sending that information out to the public right now. It is going to be another year to finalize all that stuff.

MR. SIKORSKI: It wouldn't be in effect until I believe the 2019 season at best.

MR. GRACIE: If everything goes through smoothly. It may not go in for two years after that. There may be debates.

MR. GOLDSBOROUGH: Anything else on Menhaden?

Before we leave this agenda item? It was my understanding

there was a member of the public who came with a request to

address the commission on the striped bass part of your report

I think, Mike. Is that Chris Welsh? Is that right?

1 MR. WELSH: Yes. Public Comment 2 This is first time I have come here. 3 MR. WELSH: Ι have learned a lot since I have come here. And this is a 4 really technical matter for a lot of states involved with 6 And I quess with not sitting on your board for a long 7 time, or being here, obviously it is my first here, I quess my 8 question relates to tournaments. 9 If my memory is correct, wasn't the open season for rockfish on May 1 22 years ago, 20 years ago? Is there where 10 11 it started, when the season actually officially opened. 12 MR. GOLDSBOROUGH: Well May 15 was the first one. 13 MR. BLAZER: And then we went to May 1. 14 MR. LUISI: And then there was a period of time when 15 it was slowly getting -- more days were getting added to the 16 season and it was moving all around. And every year we would 17 be in front of this commission asking for which Saturday we 18 wanted to start. So ultimately we decided to go with the 19 third Saturday in April. And it jumps around every year but that is when we will start. 20 2.1 MR. WELSH: Is there a reason why it went from there 22 backward? I mean if it was the 15th, we are a talking several 23 weeks. 24 MR. LUISI: It was an interest by sport fishermen to

have more access to those fish. The Charter Boat Association

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and recreational fishermen. Our Maryland harvest of migrant 1 2 striped bass is very small to what is taken along the coast 3 for the entire year. So when we looked at what we catch and the amount of revenue and the amount of interest that draws to 4 this areas, to Maryland during the spring trophy fishery, it 5 was worth the added few days. 6 7 MR. WELSH: Do you guys have on record how many tournament that are requested from your department, whether it 8 is catch and release from the opening of the season until when 9 10 legally you can have a tournament? 11 MR. LUISI: I don't have that information. 12 MR. GENOVESE: We do keep a record. I don't have 1.3 that number in front of me, Chris, but it is probably about 14 seven tournaments prior to May 1. 15 MR. WELSH: I would like to consider this. And I 16 don't want take too much of your time because there are seven 17 tournaments but in my opinion everybody who is fishing these 18 tournaments is keeping their fish anyway. Let's just make it 19 really clear and honest about it because you can't bring it 2.0 back somewhere doesn't mean that fish is being released back 21 into the bay. 22 With your recording data, for us that we sent you

It is not 20 tournaments. You guys talk about

guys, I think it would be better recording data for you guys

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on the back end.

funding and stuff that you guys can't get out to the general public. Well, why don't you guys start tacking on fees to 3 have a tournament? I mean it is all money-based, it is all 4 5 revenue-based anyway, so what is \$50 bucks, \$35 bucks to apply for a tournament? That gets your advertising out for other 6 7 issues. Just throwing some things out there really quickly. 8 But on to the most important point, I just didn't see what the 9 big deal is. It is not like they are releasing the fish. 10 I mean, it is seven tournaments. I am just here to 11 voice my opinion. I just don't see what the big deal is. 12 MR. SIKORSKI: Whom do you represent? Anybody in particular? 1.3 14 MR. WELSH: I just own a bar that I have a 15 tournament out of twice a year. 16 MR. SISKORSKI: Which one? 17 MR. WELSH: Coconut Charlie's. 18 MR. SIKORSKI: What seven tournaments are you 19 referring to? 2.0 MR. WELSH: I don't know. I just asked him how many 2.1 tournaments --22 MR. GENOVESE: I believe there are approximately five 23 to seven tournaments that are held prior to May 1. 2.4 MR. SIKORSKI: That are catch and release? 25 MR. GENOVESE: That is what they say.

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MR. SIKORSKI: I think you have raised some good points. And I know we are behind time but we always have these policies for a reason, and there is always a long history behind all of this stuff. And there is no simple answer, there is no question. There is not even a simple answer to the season on the third Saturday in April. A lot of --- don't even agree on that all the time, depending on the status of the stock.

And I am kind of -- what should we do moving forward as a commission? Does anybody have any opinion because you have heard me speak on the policy.

MR. GRACIE: I would like to throw one fact out there that hasn't been mentioned. There were some studies of how many fish are post-migrant and how many fish are pre-migrant that time of year. And there was some science that went into that decision. And I think that may be important to some people.

MR. SIKORSKI: You raise good points. There are good reasons why things are the way they are. What now? I don't know. That is all I am saying.

MR. GOLDSBOROUGH: So Jim makes a good point. I think you mean pre- or post-spawn, and Mike alluded to that as a the reasoning. And so when we did first reopen fishing after the moratorium, we didn't have a spring fishery right away. We had a lot of debates about that. Ed and I

especially debated quite a bit about that but we did bring 1 2 back the spring fishery as was mentioned. It started very 3 conservatively May 15. And I think the line across the bay was Bloody Point. You couldn't fish above that. 4 5 The whole point was to not impact pre-spawn fish as much as possible. But slowly over time, both of those 6 7 restrictions were eased somewhat, the time and the location. 8 To the point now where I am not sure if you have good data every year but I know there was data one year at least that 9 10 showed that at the opening day 60 percent of the fish caught 11 were pre-spawn. 12 And that varies a lot from year to year, I 1.3 understand that too. Which opening day. 14 MR. GRACIE: 15 MR. GOLDSBOROUGH: The real opening day. The third 16 Saturday of the month. 17 MR. GRACIE: I remember it being 50-50, Bill. 18 MR. GOLDSBOROUGH: It varies quite a bit from year, 19 and I don't know if have data every year but that was the What Jim said was the point, to minimize the take of 2.0 point. 21 pre-spawn fish, make sure they get to spawn before they are 22 harvest to the degree possible. 23 MR. PITTAS: On your tournaments, do you catch and 2.4 release? 25 MR. WELSH: Me personally on my boat? I honestly

have a tournament director who does mine. I am on a boat. I 1 2 don't own it. I don't go out fishing a lot. They keep them. 3 I encourage them to not bring their fish back to the bar. Obviously it is illegal, as you call down here. That is what 4 5 they choose to do. 6 MR. PITTAS: Do you keep a record or some type of --7 MR. WELSH: Yes. They make us take all the tournament data down. Every fish that is brought in is 8 9 weighed, it is measured. They are getting all the data back 10 within a week of having the tournament. It falls on a By Monday/Tuesday, I am faxing everything back to 11 12 Paul's people. And that is it. 1.3 But do I actually release the fish I am fishing. 14 We keep it, regardless. You are just not allowed to 15 bring it to the establishment where you are holding it. 16 But that is my gray-shaded area for why I came down 17 It just makes no sense. It is kind of a double-edged here. 18 I understand conservation. I get that. I just don't 19 see the big deal in it. That is why I am here. I just wanted 2.0 to voice my opinion. 2.1 MR. GOLDSBOROUGH: Okay, so we don't want to get in 22 a protracted debate about it. We have a lot of interest. 23 thank you for your input on that, Chris. You can stay at the 24 table for now. I have several hands. I am going to take them

in the order I saw them, which started with Mark, and then it

was Ed and then it was Jim and then you, John. 1 2 **Ouestions and Answers** MR. DeHOFF: Chris, just a quick question. What is 3 your goal for bringing this information to us? Are you 4 encouraging more pre-date tournaments? Are you discouraging 5 them? What is your intent by bringing this to the commission? 6 7 MR. WELSH: My intent honestly to bring this here 8 today was for the fact that when somebody brings it to my 9 attention, that there is no law in reference to it. 10 just what they ask you to do. That is why I am here. 11 is nothing on the books. 12 And if it was, I can be corrected. Honestly --13 MR. GRACIE: What would you like to see us do I 14 think is what we are trying to get to. 15 MR. WELSH: I would like to see it where you don't 16 have to bring your fish back. They are being caught anyway. 17 And anybody who has fished in tournaments, I have talked to 18 several people and said, do you guys honestly release your 19 fish in my tournament? No. 20 MR. DeHOFF: So you are asking us to consider 2.1 allowing harvest tournaments prior to May 1. 2.2 MR. WELSH: Prior to May 1. 23 MR. DeHOFF: So because what you are saying is that 24 even though -- because the season is open people are keeping

them recreationally, not as part of the tournament creel but

in the effect -- it is going to have the same effect on the 1 2 population. 3 MR. WELSH: And that data factor too, which I am a true believer in that. I mean, for conservation. So they are 4 5 going to even get more data out of these people to add to what they are doing here. 6 7 MR. DeHOFF: What is your opinion of this? Do you think this is something we should open, more harvest 8 tournaments, or do you think we should restrict them? 9 I mean, 10 you said you brought it up because you heard the news. What 11 is your opinion on it? 12 MR. WELSH: It is hard to say. This is my first 1.3 time coming here so it is a tough answer because I don't know 14 all the logistics behind what you guys do, what you do down 15 here. 16 I personally would say to make a motion to grant my 17 tournament. I am the only one who asked for it to do what I 18 want to do. And in the meantime, do some more studies. 19 would be more than happy to come down and be involved in it. I 2.0 just feel -- that is just the way I feel. 21 MR. DeHOFF: Do you want us to have these harvest 22 tournaments available at that time of the year? 23 MR. WELSH: I would say yes just considering the 24 fact that, you know, being on the other side, who has other

tournaments, is it going to increase tournaments? There are

so many tournaments out there, they are not even our your books. Yes, I would say yes to that. 3 MR. O'BRIEN: Yes, I am sort of confused. You are from Maryland? And you would like to have more tournaments in 4 5 Maryland to where you can harvest. MR. WELSH: Well, it is a double-edged sword as I 6 7 It is not going increase, it is not like it is going to 8 increase tournaments in my opinion. MR. O'BRIEN: A lot of things went into it at the 9 10 time. We came out of a moratorium that virtually put the 11 charter boat industry out of business. And still is 12 recovering from that. People along to coast could keep a big 1.3 fish all the time, and we just wanted to be able to keep one 14 per person. 15 So I thought you were coming from a different 16 direction. 17 MR. WELSH: Yes, it is my first time and I am little 18 nervous. I just came down here in front of a group so I tried 19 to do the best I can. 2.0 MR. O'BRIEN: What is the group that wants to do this? 2.1 22 MR. WELSH: These are just the anglers who fish the 23 tournament. They keep asking, why? 2.4 MR. O'BRIEN: You are a guide then. 25 MR. WELSH: No. I own a bar and grill and we hold

1 tournaments out of there. And they ask questions and I am
2 trying to give a right answer.
3 MR. GOLDSBOROUGH: Mike, you wanted to interject

something?

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MR. LUISI: Opening day is the third week of April.

Between opening day and May 1, there could be a hundred tournaments that happen that are communicated through us. It is the policy that we stand behind. It is to instruct the tournament operators that those tournaments are to not -- they are not supposed to have harvest as part of those tournaments. They are catch-and-release tournaments.

From what I am understanding, Chris stated that the tournaments that are happening in between the time of the opening day and May 1, people are taking the fish anyway because it is open season and it is difficult to explain why this tournament won't let me bring those fish home.

So that is what I am hearing. It is just that our policy is based on the science that has been generated to -- I believe the number is 80 percent. By May 1, 80 percent of the bass that are caught after May 1 are post-spawn. So we established that date based on the information that we had on post-spawn -- post-spawn information that we collect during our creel surveys.

So I guess there was a discussion already about -- it was mentioned we should just keep our policy intact. But

then with this request, I guess we would like to know, the department would like to know if we should keep that policy 3 intact or should we open -- the time period between opening day and May 1 and just not make a deal about harvest? 4 MR. GOLDSBOROUGH: So everybody is clear on what we 5 are grappling with here and what kind of feedback the 6 7 department needs. Jim, you were next. 8 MR. GRACIE: I don't have anything to say. clarification helps me. 9 10 MS. DEAN: My only concern would be that there is no 11 doubt that if we push it back and we open it up, the effort 12 will increase, and that is a big issue. If you are out there 13 on the water on a tournament weekend, and it doesn't matter if 14 it is a big one or a little one, you know it is tournament 15 weekend and you know what is going to be out there. 16 So I understand the concern and I know that some 17 fish are still going in the coolers but I don't think the 18 department or this commission needs to condone it. 19 MR. GRACIE: I didn't hear him say anything about 2.0 pushing it back, Rachel. He is talking about from the opening 21 day to season allowing --22 MS. DEAN: The question was May 1 is our date now. 23 Do we want to change that? 2.4 I understand that he still is allowed to have his

tournament, and shame on them for not throwing them back in

the tournament but I don't want to open it wide just because somebody is doing wrong. 3 MR. LANGLEY: I am a little confused. I thought the policy has been that there are no tournaments prior to May 1? 4 5 MR. LUISI: No harvest. If somebody sends an application in for a tournament, we grant it under the 6 7 provision that, that tournament is a catch-and-release 8 tournament. 9 Now if they harvest the fish, we can't stop them 10 from doing it but it is our policy -- if they send an 11 application in that said this is a harvest tournament, we 12 would reply and say you cannot conduct that tournament unless it is catch and release. 1.3 So it is just information going back and forth. 14 15 then whoever is running the tournament then needs to 16 communicate that to the tournament. 17 MR. GRACIE: But I can go out and keep fish as a 18 fishery. 19 MR. LUISI: Absolutely. The fishery is open. 2.0 MR. GRACIE: We are not pushing the season back or 21 harvest back, we are saying allow tournaments from the opening 22 day of the season that are harvest. 23 (Simultaneous conversation) 24 MR. SIKORSKI: Is the policy enforced by the 25 tournament? That is it. At the Boatyard Bar and Grill, if

somebody walks in, we say did you release the fish? A panel 1 of judges observed that person by themselves without their 3 team member. Answer that question. If we feel they are lying, they are disqualified. That has occurred a couple 4 5 times in the past years. So that is how the Boatyard Bar and Grill handles 6 7 it. I believe they do it properly based on the spirit of the 8 policy. Obviously that doesn't happen across the board. Ιt is not a law being broken. It is a policy being broken. 9 10 spoke earlier when Mike mentioned the policy. I support the 11 policy and I still do. 12 MR. LANGLEY: And I guess my question was how big 1.3 are these catch-and-release tournaments? What is the economic 14 impact if there were no tournaments prior to May 1? 15 MR. SIKORSKI: There are tournaments prior to May 1? 16 MR. LANGLEY: I am saying, what is the economic 17 impact to their -- you are aware of six or seven. Are they 18 large tournaments? Are they small tournaments? What is the 19 economic impact to those businesses that are conducting those 2.0 tournaments? Do we have any idea? 21 MR. GENOVESE: Chris, do you remember how many boats 22 you had? 23 MR. WELSH: Obviously for a spring tournament, it is 2.4 the biggest one we have. It is 30 to 40 boats.

MR. GOLDSBOROUGH: Okay, we have got to wrap up this

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discussion because we still have several big items to do and we are almost out of our projected time. So I am going to ask one time if anybody at the commission wants to propose an action, make a motion on this matter. MR. GRACIE: I guess I would like to see it discussed in the future. If someone wants to step up -- I certainly wouldn't want to make a decision today. MS. DEAN: I just want to go back to what Dave said. Some of you may or may not know, I have the governor's proxy seat on ASMFC. August was my first meeting, and that was a 10-round mess. But I just wanted to let this commission know because if you do have thoughts or concerns, I certainly want to hear it from all different perspectives. MR. GOLDSBOROUGH: So thank you, Chris. And thank you, Mike. Oh, you are still up. wrap that up. We are doing yellow perch allocation. Yellow Perch Allocation Request and FMP Amendment by Michael Luisi, MD DNR Fisheries Service MR. LUISI: I am going to do this very guickly because as has been mentioned, we are long overdue on the agenda. So at our last meeting we talked about the request that we received from the commercial industry or a couple country organizations to do an allocation review on yellow

perch. At the time, we did not have the opportunity as a

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staff to get together and do that review. Between last meeting of this commission and now, we have had that time so we sat down with staff and leadership and discussed whether or not an allocation review was appropriate to do further, to conduct it further and do a more thorough investigation into what could change.

What we have concluded is that there has been no discernable shift in usage patterns, and that because of what we mentioned to you guys before, there is very little catch information on the recreational fishery, not enough for us to be confident in shifting that allocation.

So we reviewed performance. I am going to get into that in just a second. But we would like to do today, and I guess this is just cutting to the point here, cutting to the chase. We would like to make a staff recommendation to this commission to determine whether or not you would support our recommendation in moving forward with yellow perch.

There are few details that I will go over with you about what that recommendation is on how to deal with this. And that we would like to get feedback and maybe a motion of support if you believe that what we are doing, what we are suggesting, is the way to go.

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So if you look at this graph, this was one of the things that helped us get to the point where we did, and I am

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what I am going to say I guess is that we made the decision not to do an allocation review at this time and make a different alternative recommendation to you.

The bars on the left, or all the bars indicate biomass of the exploitable yellow perch in the bay, and you can see fluctuations in time from 1998 to 2016. The gray bars are bars of time periods for when we weren't managing a quota. The fishery was opened, harvest happened, and that is not harvest that is shown there. Those are the biomass of the years of what was in the population at the time.

Years when we didn't have a quota and we weren't managing a quota whether it be recreational or commercial, when reductions took place, when the stock fell, it fell at a much steeper level than the reduction in stock since the quota has been established.

So the right side of the graph are the reductions over time just due to variation in spawning and survival over those years. But when the stock did drop, it didn't drop as fast. And we believe that part of that has to do with the fact that the recreational fishery isn't harvesting their entire quota. And those added fish stay within the population and help the next generation, the next generation, the next generation.

We like the right side of the graph more than we do the left side of the graph. However, with all that said, the

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stock at times is very healthy. And when it is very healthy,
we would like your consideration of a management change and
how we deal with overages on the commercial fishery.

So last year the commercial fishery overshot its

So last year the commercial fishery overshot its allocation by about 15,000 pounds. That was of no fault of the commercial fishery. We opened and closed it when we felt they were going to meet their quotas, and we missed the target by about a half a day. And they went over by 15,000 pounds.

MR. GRACIE: So it is all your fault.

MR. LUISI: It is all my fault.

(Laughter)

MR. LUISI: Not Sarah's. It is all mine. So what we would like to do -- there are times when the stock is very healthy, and that 15,000 pounds would normally be deducted from the next year's commercial quota as a payback for that overage.

(Slide)

What we would like for you to consider is a change in how we deal with those overages in years when the stock is very healthy.

So when the stock is very healthy, and there is a quota overage, we would like to consider changing the ratio from 1 to 1 payback to something else. Maybe half of it to payback and half of it stays within the commercial quota for the following year as a way to lessen the impact on an overage

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that we manage in the years when we feel very confident in the health of the stock.

So next year is one of the years when the stock is being projected to be very healthy. So is the following year. We are not going to change the way we manage the quota. We are going to still try to do the best job that we can in hitting that mark as closely as we can.

But we were looking for your response as to whether or not this recommendation for us to consider that ratio change on the payback would be something you would support as a way to balance and offset the consequence of that overage in a future year. Now the years when the stock is not as healthy, we would do a 1 for 1 payback on any quota overages on the years when things weren't healthy.

So you think of it as those few extra fish, it is not as much as what is in the recreational quota, would be allowed to be harvested in the following year. So I will leave it at that. If that is not clear, I can -- I don't know what else I can say.

MR. GOLDSBOROUGH: Jim and then Mark?

Questions and Answers

MR. GRACIE: I have a question because my understanding was that your stock assessment is fishery dependent and after the fact. So that you are looking back to find out when the hell there is a healthy stock. You are

doing a projection of a high biomass based on what? 2 MR. LUISI: Well, Paul Piavis is here with us. might be able to answer that --MR. GRACIE: In other words, if it is after the 4 fact --5 6 MR. LUISI: We are conducting survey work that goes 7 into the projection on the splitable biomass in the yellow perch fishery for the future because of the work that we do --8 9 MR. GRACIE: What are your confidence limits on your 10 projections? Because I think that is an important question if 11 we are going to project -- what we are going to change an 12 allocation next based on what we think is --1.3 MR. PIAVIS: We have a whole stock estimate and the 14 exploitable biomass estimate so we are not -- we are not 15 pulling a projected number out of the air. The only thing we 16 are projecting would be natural mortality, which isn't going 17 to be a lot. 18 MR. GRACIE: So it is not based on last year's 19 harvest. 2.0 MR. PIAVIS: Last year's harvest goes into the 21 assessment along with our winter trawl survey, along with 22 the seine survey, and right there you have three very good 23 surveys, three very good indices, two age 1 abundances and one 24 age 2 abundance. And then the other part of the trawl survey 25 is the adult abundance.

So the assessment comes up with a number for all age 1 classes. 3 MR. GRACIE: And I already had one question that you haven't answered yet. What are your confidence limits on the 4 5 projections? 6 MR. PIAVIS: Well, I will do a bootstrap, and what 7 that 75 percent, and that is just a suggestion, so what I will 8 do is I will take the 75th percentile, and if that is above or below the whatever benchmark you want to use -- you want to 9 10 use the median biomass or the average biomass. 11 In other words, we are not going by the point estimate. They are asymmetrical confidence intervals because 12 we do it by the bootstrap. The CVs on it, and the closest 1.3 14 year range anywhere from 20 percent to 35 percent. 15 MR. GRACIE: Let me just ask the question the dumb 16 way. If you that the stock is 750,000 pounds, does that mean 17 it could be 100,000 or 50,000 with a 75 percent? 18 MR. PIAVIS: Oh, easily, yes. If you are within 30 19 percent of high or low that is --2.0 MR. GRACIE: Would it be within those two brackets, 21 plus or minus 25 percent? Is that what that says? It is not, is it? 22 23 MR. PIAVIS: No. What it is saying is, if we put 24 all the error that we could potentially find back into the 25 model, and run it 10,000 times, the answer, 75 out of 100

times, it would have to be higher than the average stock size. 1 2 MR. GRACIE: Okay. 3 MR. PIAVIS: So in other words --MR. GRACIE: And this is combining the three 4 5 elements. 6 MR. PIAVIS: The answer about the confidence bracket 7 is kind of mixing apples and oranges. MR. GRACIE: I understand that. 8 9 MR. PIAVIS: So we are not really -- those don't 10 really, they are going to affect, if it is very uncertain, it 11 is going to show up in that and it would likely, you would not 12 reach that -- 75 percent is a pretty, it is a pretty --1.3 MR. GRACIE: So you are saying it is a safe decision 14 to make. 15 75 percent is a pretty --MR. PIAVIS: 16 MR. GRACIE: That was my question. I am sorry to 17 take so much time. 18 MR. LANGLEY: Mike, in like the striped bass and 19 other fisheries, aren't they penalized the following year, and 2.0 in that approach if you estimate that there is going to be a 21 possible overage could you not adjust that with the season? 22 Maybe shorten it a day? And then if they do not hit their 23 quota, to, like you do with the common pool fishery, maybe 24 open it up a day to allow them to catch quota? 25 MR. LUISI: It would be great if we could do that.

We could in theory do that but it doesn't work that way with 1 2 this fishery. This fishery operates -- within a matter of 3 three days the harvest is caught. And so we don't -- and to you other point, yes, there are other payback provisions but 4 5 not all paybacks are 1 for 1. There are ways for which management doesn't do a 1 for 1 pound for pound payback in 6 7 other species. MR. LANGLEY: And I don't know a lot about that 8 fishery so I don't want to --9 10 MR. LUISI: It is a real hit or miss. 11 MR. DeHOFF: What does that 15,000 pounds represent 12 in a percentage? Approximate total catch that they went over? 1.3 MR. PIAVIS: That 15,000 is very much an anomaly. 14 What we are usually talking about historically since 2009 is 15 either, on the overages, usually we are talking less than 16 5,000 pounds, right around 5,000 pounds. 17 This was an anomalous year. And another reason 18 why --19 MR. DeHOFF: What percentage is that to the total 2.0 catch? 21 The total? That would have been a MR. PIAVIS: 22 little more than 20 percent overage but this is the issue. 23 There is a high probability that bigger amount of an overage 2.4 is due to an underestimate of what the quota should have been. 25 The other thing I wanted to bring up from, in

addition to historical perspective on the quota is that this

is -- the entry, the effort isn't regulated but we know how 3 many people are going to fish. They have to have a permit. So the only explanation, if effort has generally 4 5 been the same, the only explanation is there were more fish 6 out there. 7 MR. DeHOFF: The next question is you have -- it says an estimated stock size. Are we going to like 8 choose a particular threshold? I know the confidence part of 9 10 it. That certainty is going to vary because we are talking 11 estimates. 12 But is there going to be a number that we know going into the year -- let's say it is 750,000 pounds. If it is 1.3 14 750,000 pounds or better, we are going to approve it? If it 15 is not, we are not? Or are we kind of in that area, well, it 16 looks pretty good this year. Let's let it go. 17 Are we going to try to find a hard, firm threshold 18 to make that decision on? 19 MR. LUISI: I think we would be better to find some 2.0 line just like in all the other assessments. If the stock in 21 any given year is over that line, based on the work that we 22 do, we would implement this new quota management model. 23 is below the line, it is back to 1 to 1. 24 MR. DeHOFF: I would certainly encourage the use of 25 That way, you have an idea of what the number is.

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then on the payback for that, you said the difference between 1 for 1 with this 15,000 pounds being a relatively large anomaly, maybe if it is more of normal overage it can be done on a 2-to-1 basis or whatever you are going to reduce payback.

But when you go into these large overages where you are talking a 20 percent overage, maybe that has to stay at 1 to 1 or something and you look at the magnitude of the overage to determine whether or not it is going to carry over or not. Is that something that could be considered, I mean, because certainly a 5,000 pound overage when you are talking 5 or 10 percent, that is not going to be much if we do it year after year.

But if we go over by 20 percent year after year, you know, certainly that would have a much bigger impact.

MR. LUISI: And we wouldn't want to incentivize these overages. The problem with it, the hard thing about it is we did everything that we could. The fishermen followed all the rules that we put out there for them yet they went over by 15,000 pounds in this one year.

Paul is right. Most years we have hit it right on the mark or they have been 500 pounds over or 2,000 pounds over. And their frustrated with the fact they followed all the rules but now -- the stock is really healthy right now, so next year instead of setting a quota that reflects that stock's health, we are going to have to take 20 percent off

the top of that quota based on the current model that we use. 2 And that is what initiated the request for reallocation. So this was our staff's way of looking at the issue and saying, in years when things are really good, maybe 4 we don't need to throw down the hammer quite as hard. 5 6 MR. GOLDSBOROUGH: Okay. I have got three people 7 waiting to talk. I am going to cut it off at that and ask if 8 anybody wants to put out a recommendation for the commission to embrace. Dave Smith first. 10 MR. SMITH: Do you currently do this with any other 11 species right now? 12 MR. LUISI: Not this way. There are other ASMFC species, there are other management -- I can't think about 1.3 every single thing we do and try to figure out what we do. 14 So 15 I think most of it is a 1 for 1 for the most part. 16 MR. SMITH: So I guess the why to that, why would 17 you not want to do a 1 to 1? Because they think it is unfair 18 that when the fishery is healthy, they don't want to be 19 penalized. But they are not really being penalized because 2.0 they took the fish, right? 21 MR. LUISI: Their point is the extra fish they took 22 were not taken by the recreational anglers because there is no 23 way they could have harvested the amount of quota that was 2.4 dedicated to the recreational fleet. 25 That is what I have heard time and time again.

when the stock is really healthy, it is less risky to go over slightly because there is less chance that recreational 3 allocation was harvested. When all of it can be harvested, 4 and the stock would be sustainable. There is leftover all the 5 time. 6 And they wanted the leftover and this was our way of 7 not doing a hard allocation but considering stock health. 8 MR. SMITH: You guys have an allocation policy, Did they fulfill all those standards within that 9 correct? 10 allocation policy? Do you have that available to see? 11 MR. LUISI: We distributed the allocation policy at 12 the last meeting when this was initiated. They did make an 1.3 attempt at explaining their rationale, and that is all they 14 needed to do really. 15 MR. SMITH: Is that available? The request, and to 16 see what their --17 MR. LUISI: Yes. And since we are not considering 18 changing the allocation, I don't necessarily know if they need 19 to meet -- we discussed that they met what the policy said 2.0 that they needed to do in order for us to start this process 21 of thinking through it. 22 MR. SIKORSKI: The simple answer to your proposal is 23 I don't support this. I support the concept but you 24 provided no detail whatsoever. You said something other than

1 to 1. And that is not detail. With that data I think we

can be better prepared to have a conversation.

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I think the general concept of changing the payback ratio makes sense. The devil is in the details. This has been a well-run fishery. Yes, the stock is in good position and it was DNR's fault that the fishery overharvested last year. So I feel for the guys but I don't think it make sense to put a policy within this FMP that says, every time DNR makes a mistake, the guys get to catch more. Because ultimately it is more fish out of the system regardless of stock.

And I don't look at the stock as an allocation. The stock is the stock. We are fortunate enough to harvest what we can harvest as recreational fishermen. Commercial fishermen are fortunate enough to harvest what they can based on the status of the stock and the allocation, yes.

But it is just -- it is a strange way to look at it.

I have a hard time formalizing policy that says, you know,
maybe 8 out of the last 19 years, these guys could have gotten
relief. And it has nothing to do with commercial versus rec.

It is just the policy.

Now for a one-off solution to this problem, I would like to see more detail with a proposal that say, all right, these guys overfished by 15,000 pounds. So we propose that in '17, they are going to get a third of it. In '18 a third of it and '19 a third of it. Or something like that. Real

numbers, the details.

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Because this a problem that we have to solve for right now but not put something in place that just addresses it when you make the mistake. It is like the carrot and stick. It is 23 fishermen in this fishery. It happened. I get it. The reporting is tough and all that kind of stuff, well, let's shoot for the moon. We can fix this thing.

But don't put a policy in place that says it is automatic.

MR. GRACIE: I will try to be fast but we need a little history here. CCA fought over this battle for 12 years. In 2007, the Maryland Aquatic Resource Coalition went to general assembly and got a law passed that required them to change the whole thing. And we have been through that. That is why it was 2009 before we had this data.

The issues are as follows: The allocation says, we are going to give everybody an equal change, 50/50. That is our allocation policy for yellow perch. And the problem is, when we were having these discussions, the problem is that the commercials were setting fyke nets and getting the fish before they got into the rivers where the recreational fishermen wanted to get them.

And so they put restrictions on when they could start. They put harvest restrictions on the commercial, and it is a three- to five-day fishery for them. Depending on the

weather -- I am a yellow perch fisherman. I love to do that 1 in the springtime. I go out with a fly rod and fish for them. 3 We might get two or three weeks of yellow perch as the weather fluctuates. But when those fish are moving up 4 where they harvest them, it is over in a week. 5 I am not sure I object to this. I am just a little 6 7 concerned about how good we are at figuring out the stock and 8 whether we make some mistakes the other way. So what is happening -- and the other part of the problem is we have no 9 10 idea what the recreational fishermen are catching. 11 know they are not catching that many from mostly anecdotal 12 information. 1.3 I know this because I actually tried with Howard 14 King to try to do a fishermen creel survey out there. 15 just never worked. We didn't make it work because the fishery 16 is too spotty on and off. I would agree we need more 17 information but I certainly nix this whole issue because there

is an issue of fairness. It is a widely fluctuating stock. That is part of the issue here.

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So if you want to adjust it -- and it is going to go up or down whether you harvest them or not. That is the other part of the equation. Am I being unfair, Mike?

MR. LUISI: Absolutely not, and I think the idea of coming back with some more detail is certainly --

> MR. GRACIE: I agree with that. I would like to see

your stock assessment data first too. 1 2 MR. LUISI: So, yes, we could absolutely put forth a 3 proposal that includes more detail. MR. GRACIE: And my other question is does the 4 5 FMP -- do we get a hearing on that? When you say finalize, what does that mean? If you are going to come out and have a 6 7 public hearing on it, I am happy with you going ahead that way 8 and we will get people together to comment on it if we don't like it when we get the details. 9 10 MR. LUISI: Based on the conversation and the 11 discussion, we had thought that we would fold this into, if we 12 ultimately decided to go down this path, we would fold it into 1.3 the FMP. 14 MR. GRACIE: But that would be in the process --15 MR. LUISI: A process of FMP --MR. GRACIE: I am okay with it then if you are going 16 17 to have a public participation process after you put it out 18 But we are going to need more details. I think Dave 19 is right. 2.0 MR. GOLDSBOROUGH: Okay, final comment from Rachel. 21 MS. DEAN: I don't think I can do any harm at this 22 point because -- I feel good that there is willingness to 23 communicate. Now I do think that we probably need some type 24 of number to look at so we can say that but I would just say 25 that as far as the hard and the soft caps go, our guys are

operating under a hard cap whereas the recreational fishery is operating under a soft cap. 3 MR. GRACIE: We don't even have a cap, Rachel. MS. DEAN: I was putting it nicely. Which to me 4 5 just says that the recreational fishery enjoys access when things are good whereas the commercial fishery is even further 6 7 restricted sometimes when things are good. 8 So I think it is not so much the department's mistake here as, you know, we have allocations but as far as 9 10 how those allocations are managed, we have some questions 11 about it and we wanted to know if you guys would work with us 12 on it. 1.3 MR. GOLDSBOROUGH: Okay, thank you for that. Do you 14 need more from us, Mike? 15 MR. LUISI: I think we have got what we need. 16 just -- I am a little concerned over the timing. Timing is 17 critical here with the 2017 fishery starting on January 1. 18 MR. GRACIE: And you will lose that big stock and 19 not get the harvest. One year. 2.0 MR. SIKORSKI: No, we just can't make a decision 21 because right now it is 1 to 1. 22 MR. LUISI: Yes, it would be a 1 to 1 payback at 23 this point. 2.4 MR. GRACIE: In other words, they can't take 25 advantage of the larger stock size.

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MR. LUISI: Mike said what he is scared of is that the fishermen will be penalized because DNR didn't close the season in time. So that is what we need to address by January 1 so these guys have a quota they are going after. based on stock size and based on --MR. GRACIE: I don't have time but if somebody wants to work on a subcommittee with me, I will get involved with this. You want to do that? MR. SIKORSKI: Yes. MR. GRACIE: How about you, Dave? MS. DEAN: Can I send a proxy in? I would like to bail out on this one. MR. GRACIE: You have to be in on it, Rachel, if we are going to do this. MS. DEAN: My only thought there would be it is actually a fishery I do not participate in, and -- would you feel comfortable with Steve Lay? MR. BLAZER: Yes, we are going to take this to tidal fish so maybe we will get two folks from tidal fish to participate. MR. GOLDSBOROUGH: Okay, that is the end of that agenda item, thank you. We have others. We are only about an hour behind right now. So Tony, don't you love coming near the end?

Freshwater Fisheries

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Tony Prochaska, MD DNR Fisheries Service

MR. PROCHASKA: Well, good afternoon. I will just start off with some general announcements. There was a lot I was going to say but for the same of time, I am going to cut some things out and just focus on I think some of the more key issues that we need to discuss.

I know it came up earlier, I wasn't here, but the group that I manage is called the Freshwater Fisheries

Program. I report to Mike Luisi. I am the program director.

Our budget has not changed. Our function has not changed.

Our function, our structure and our budget has not changed.

Everyone also received a copy of our monthly report.

Again a synopsis of the activities over the month of

September. I was going to highlight some of those but I am

not for again sake of time.

I am going to talk about Waders a little bit, felt-soled Waders in particular. Maryland bans the use of felt-soled waders in both tidal and nontidal waters. There was an article published this past July by an outdoor writer for the Cumberland Times, and the article basically discussed Vermont, how they are repealing their felt-soled waders ban and challenged the Department of Natural Resources to do the same.

So at the direction of DNR's senior leadership, the

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Invasive Species Matrix Team formed a task force. I was part of that task force as well as other folks in fisheries and other units within the department to do two things: one, to review the scientific literature specific to felt-soled waders, Didymo and any other relevant literature.

And two, provide recommendations to senior leadership on how we should proceed. The overwhelming decision of the group was to keep the regulation in place, which prohibits the use of felt-soled waders. And that recommendation was made to leadership.

And there were a number of key findings that came of that group. I am just going to highlight three of them. I don't have a presentation for this but, you know, first off felt-soled waders are a potential, important potential pathway for the introduction and spread of not only Didymo but other pathogens.

The article actually suggested that Didymo is somewhat or could be native to the Mid-Atlantic region. The emergence of Didymo in the Mid-Atlantic region characterizes invasive species introduction. Didymo is kind of localized in select cold-water systems, and what we want to do is prevent the spread of that to other cold-water systems because it can impact the experience that our nontidal anglers have in those water bodies.

So there are a number of key points made. The

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recommendation to senior leadership was to keep the regulation in place, which prohibits the use of felt-soled waders, and that regulation will remain in place as of today. So there is where we are with that. Any questions about felt-soled waders?

Questions and Answers

MR. NEELY: There is just no correlation between these invasives and whether they have felt-soled waders or the -- or what we are buying now. It is an industry redevelopment act every time the state changes their law. And frankly you slip and fall on the rocks whether they are felt-soled waders or the other.

MR. PROCHASKA: Well, felt-soled waders, you know, are difficult to disinfect. They maintain moisture, you have got to dry them and if you use them on multiple days, it is difficult to disinfect them.

It is true lug waders can spread invasives if they are not disinfected, if they are not cared for properly in terms of trying to reduce the spread and introduction. I worked for Bruce for a number of years monitoring nontidal assessment. I have been in streams all over the state of Maryland. And we follow the regulation and do not use felt-soled waders.

And there is good technology out there, there are companies that are manufacturing good boots that are as

effective at keeping you from slipping on slippery substrate as the felt-soled waders. 3 MR. GRACIE: I don't want to get into it now but I would like to see the stuff you reviewed because my impression 4 5 is, it is in the Gunpowder but it doesn't get in Little Falls. And my impression it is in tail waters and that is all. 6 7 And we haven't kept it out of any tail waters with our wader wash systems and everything else, and we may be the 8 9 only state left in the country that has a ban on felt-soled 10 waders. 11 MR. PROCHASKA: Yes, there are couple others but 12 there aren't many. 1.3 MR. GRACIE: And Didymo -- I don't know about 14 whirling disease because thank goodness that hasn't gotten as 15 far. But Didymo is in the tail waters and it hasn't spread 16 any further in the states that have no ban on the felt-soled 17 waders. So I am not sure what you all base this on. 18 So if that is literature somebody did, can you refer 19 us to it. 2.0 MR. PROCHASKA: Jonathan McKnight, he is the chair 21 for the Invasive Species Matrix Team. 22 MR. GRACIE: We are asking if there is a report, not 23 I can provide -people. 2.4 MR. PROCHASKA: Sure. There was definitely 25 literature circulated so I can provide that.

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MR. DAMMEYER: I would love to see it as well and I

2 would be happy to get together with our other freshwater guys. 3 (Simultaneous conversation) 4 MR. PROCHASKA: Again they are an important 5 potential pathway for the introduction and spread of not just 6 Didymo but other invasive species. 7 I agree with that. We are not going to MR. GRACIE: arque today. 8 9 MR. PROCHASKA: So let's move on to tidal black 10 I am sure this is going to be the majority of our 11 discussion. This is a presentation that both Roger and I are 12 going to give. I am going to provide a lot of the 1.3 background. Some of this information is information that this 14 15 group has already seen but I think it is important to have a 16 refresher. And then I will turn it over to Roger to talk 17 specifically about some of the decisions that the Black Bass 18 Advisory Subcommittee, which was appointed by this group, has 19 made over the last couple months. We have had three meetings. 2.0 (Slide) 2.1 So with that -- okay, before I get into this chart, 22 I want to talk about two documents that helped guide the tidal 23 One is our standard operating procedure. bass program. 2.4 available online. It lays out exactly how we conduct our 25 tidal bass surveys. They are scientifically valid. You know

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we do a lot to make sure that we can make broad statements about larger areas at stratified, random sites randomly selected.

We make sure that we have high-quality data so that when we analyze those data, we calculate indices. And that will help us manage the tidal bass fishery and fisheries.

That is the first thing, our SOP. The second is our fisheries management plan, which everyone here is familiar with. We have triggers in the FMP and that mandates us to take action to help the fishery when there are problems.

So just with that background, you know, here is the status of the Potomac population, Potomac River population.

And you can see basically over the last 10 years there has been this trend, declining trend.

On your Y axis is age 1-plus fish, okay. These are our fisheries independent data, the data that we collect. So there is a decline in our fishery in the 1-plus fish, and over the last four years, '15, '14, '13 and '12, we have been below what we refer to as the management plan reference line, which is essentially our goal for the fishery. Everyone here is familiar with that.

(Slide)

Upper bay looks very similar, declining trend. Last two years we have been below our FMP reference line. We were at the reference line in 2013, and then '14 or '12 maybe we

were below. So similar trend in the upper bay and the Potomac River.

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Okay, everyone again knows what FMP is. It basically lays out a management framework for us and guides in the protection, maintenance and improvements of the largemouth bass fishery in Maryland's tidewater. A little bit of the history. Initial development started in 2012. It went out for public comment and was also reviewed by this body in 2013. We took all those comments, finalized the FMP and the plan was adopted by the department and signed by Secretary Belton last year.

(Slide)

So there are a number of actions that are laid out in the FMP to address issues with a fishery. I am not going to go through all these bullets but this just indicates what the department has done over the last year to help address concerns with the fishery. It involves education and outreach to our constituents. You know, improved handling techniques. Habitat restoration. Environmental review to avoid and minimize impacts to water quality and habitat.

This past year stocked over 100,000 young bass to the Potomac River. In fact, today and tomorrow we are stocking the upper bay from the fish that we raised out of Unicorn. So we took brood fish in the Potomac and they went

to Manning. They spawned. We released brood fish back to the Potomac despite what some people think, and they are young fish that were raised to advanced fingerling size and were stocked for the Potomac.

Same thing for the upper bay. That hatchery was Unicorn. So again we have taken a number of actions over the last year that are dictated by our FMP to help a fishery.

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We have evaluated and considered other actions for 2017. In the FMP, the strategy 4.3, which promotes the survival and abundance of older, larger fish. And this may be accomplished by adjusting creel limits or size limits. That is action 4.3.1.

Okay, so this was what we have spent, a considerable amount of time back in February to the current time discussing. What actions could be taken in '17 to address strategy 4.3 or action 4.3.1. You take this action when there are too few adults in the population. Catch rates for adults are low to provide a quality -- so therefore you don't have a quality fishery.

Or your fishery's independent or dependent reports indicate a problem with the fishery. We have catch data for the Potomac River, tournament data. We have tournaments reports to us. They are permitted. They report to us. Joe Love, he is a tidal bass manager, he analyzes those data, and

'15 was the first year that the catch per angler went down. It
went from three fish per angler per day to two fish per angler
per day in the Potomac River.

So not only are independent surveys indicating that there is a problem but our dependent survey data or dependent data is indicating there is a problem.

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This slide was presented to the subcommittee. It is basically our management goal. And we want to increase those catch indices above that reference line and again we were targeting the reduction in the harvest or mortality of adults by implementing actions that are enforceable, measurable and also fiscally responsible.

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So I guess on April 26, Roger brought this idea of developing this subcommittee to sport fish. Sport fish voted to develop or form this subcommittee, and members of that subcommittee were appointed on July 19.

The charge of the Black Bass Advisory Subcommittee is to make recommendations on black bass management to this group, you know. And the initial charge was to address the concerns with the upper bay, the Potomac, our triggers in the FMP to hasten recovery of the fishery.

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Here is the membership. There are 13 members.

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Again everyone saw their applications in the information to appoint them. 3 (Slide) We have had three meetings: July, August and 4 September. They were meetings that ran oftentimes until 9:00 5 I will just highlight a couple things that came out of 6 7 each meeting and then I will turn it over to Roger. 8 On July 6, Dave went over and reviewed the guidelines with the group. The group discussed those 9 10 guidelines, the operating guidelines, for the subcommittee and 11 they were adopted by the group. 12 Joe and I gave a presentation on our 13 responsibilities as a unit within the department. We talked about the background and the status of the fisheries, 14 15 particularly focused in the upper bay and the Potomac and then 16 presented possible management actions for '17 again to reduce 17 the mortality of adults. 18 August 9 we had chair and vice chair appointed. 19 the first meeting, July 6, there was a request by one of the 2.0 subcommittee members for Joe to pull together some information 2.1 that would evaluate the effectiveness of the various 22 management options that were presented to the group, and Joe 23 did that. All this information can be found on the Website. 2.4 I have the link down there at the bottom. 25 Each meeting, the agenda, the presentations, the

minutes, motions and actions. All that information is compiled on that Web page.

And then there was a discussion of Method 1, which I will get to in a minute. It is basically a management action that limits harvest or possession or results in the adoption of industry standards for black bass tournaments in tidal waters. Industry standards being best practices that reduce stress on fish and reduce mortality of those fish.

September 13, there was a discussion of Method 2, which is essentially no-target areas. The idea of no-target areas or catch-and-return areas in the upper bay and the Potomac. Also over different time periods.

So those are the major actions or things that occurred at those three meetings.

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Now I know there is a lot of text on here so what I am going to try to do is boil it down and try to be articulate in the way I convey it but Method 1 was basically to maintain status quo, and I will define status quo here in a minute, which is really Option 1 under Method 1.

Or extend the maximum size restriction not only to focus on term anglers but also harvest anglers. Okay, so Option 1 continued the tournament permit conditions. March 2016, Dave Blazer issued a memo that went out. And what that memo stated was starting June 16, 2016, that tournaments in

the upper Bay and Potomac River really had two options:

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They could fish a fishable slot, which allowed five fish, 12-inch minimum. Only one of those fish could be over 15 inches. Or you could adhere to certain best practices and by implementing those best practices, you reduced stress and mortality on fish and by doing that you could fish the statewide regulations, which is 5 fish, 12-inch minimum, the maximum size.

So Method 1, Option 1, was essentially continuing what we put in place in '16. Option 2 was to institute what we called a statewide regulation. Again for all tidal waters it was kind of the same setup. You know, you had 5-fish possession, 12-inch minimum, only one of those fish could be over 15 inches. And that went from June 16 to the end of February.

Or a tournament organization could -- a director and its anglers -- could adhere to best practices and would get a waiver. And therefore they could fish the regular statewide regulations during that time period, which doesn't have a maximum size. So those were the two options presented under Method 1.

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Option 2 really addressed the fairness issue. You know, we scoped the idea of catch-and-return areas, 3 in the upper bay and 3 in the Potomac River. And we got 137 comments

1 back from the public regarding that idea.

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So we took that information, we went through all of them, and a lot of the information, the management options, not only the ones the department identified but they came out of scoping. These -- I guess I will go back to Option 1 just briefly. We had the black bass roundtable, which was kind of an informal group that met yearly, once a year.

Had a lot of discussions about creel limits and size limits. Had a meeting, convened a meeting after that and Joe evaluated some tournament data, tournament mortality data during the summer months.

So he looked at all the fish that died as a result of tournament activity, and of those fish, 70 percent of those individuals were bigger than 15 inches.

So the larger fish are more susceptible to stress and more likely to experience higher mortality rates. So that was the rationale -- again we are trying to reduce mortality of adults. That was the rationale of that action, to reduce mortality of large adults. Fish over 15 inches were more susceptible.

So that was Option 1 and 2. So Method 2, there were 6 options. I am not going to go through all of them. I will just summarize them. But these are closed areas or no-target areas and then the idea of catch-and-return areas. So you could target fish but you had to release them immediately.

You couldn't possess them.

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The first three options apply year-round, okay.

There is no seasonal component. It is year-round. The first one is basically no target so we identified areas. No black bass anglers could target black bass in those areas year-round. One in the upper bay. One in the Potomac.

Option 2 were catch-and-return areas, one in the upper bay; one in the Potomac. And Option 3 was year-round catch-and-return in 4 areas, 2 in the upper bay; 2 in the Potomac.

Now Option 3 was similar to what we actually scoped, which was 3 in the upper bay; three in the Potomac. But again we got 137 comments on that.

Option 4 -- these 4,5 and 6 are spring only, okay.

We have 4 catch-and-return areas, spring only. 2 in the upper bay; 2 in the Potomac. Option 5 was a mix of no-target and catch-and-return. So we would have a no-target and catch-and-return in the upper bay and then one no-target and one catch-and-return in the Potomac.

And the last was a statewide spring catch-and-return only, statewide, which is consistent with what we do in nontidal waters. So those were all the options that were presented.

Some of them came out of scoping. Some of them came out of the department based on the analysis of data review of

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literature, and all of this information was presented to the subcommittee, which you guys appointed, and we presented the effectiveness of some of these options.

And at this point I will turn it over to Roger so he can kind of go through some of the decisions that were made by the group.

Black Bass Advisory Subcommittee

by Commissioner Roger Trageser

MR. TRAGESER: Well, it is a little disappointing this commission is set -- or if they were set to make recommendations when I have got a significant number of commissioners who opted to not basically be present here for this part of the presentation or my part. That is the first comment I will make about that. I didn't leave during the entire presentation for the rest of everything so --

Our first meeting was really probably just more of an orientation meeting. I would say that those individuals who are on that committee now, a handful of them were attendees for the Black Bass Roundtable Conference.

And then probably -- I guess maybe 50 to 60 percent of the committee is made up of individuals who have -- been in the loop for a little bit with those black bass conferences that we have had for a couple of years. And then the rest of them are individuals who sent out applications expressing an interest in participating in that committee.

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That was primarily the first meeting with this information first going out and a request to sort of discuss it with your stakeholders if you were indeed a person who represented stakeholders, which I do.

We came back on August the 9th. We did nominate and put in place our chairperson and our vice chairperson. We put together also -- aside from these immediate items we were asked to dive into, we have also put together a parking lot list that has a lot of other information, important information on it that might deal with anything from invasive species to habitat to additional funding. There must be at least nine or ten items on that parking lot by now.

But these were the main items that we were set to get into, even as quickly as that committee was sort of put together because these were major items to be considered, and the committee I think was just sort of kind of getting some sort of an identity. It was brand new. We had just been put together.

Out of the meeting we had on August 9, and there was a lot of discussion on this. There is almost like two sides -- there is a table and there is a side on one side, and side on the other side and then the other guys who are kind of in between sort of going back and forth listening to the opinions on such.

After a lot of discussion on the Method 1 and the

two options that were made available, a vote was taken. 2 by an eight to four vote with one member abstaining, Option 3 2/Method 1 was put in place. Now a lot of pushback on that. And I don't know, of 4 5 the commissioners who are here, I was asked to provide an opposing opinion to that proposal and get it to the 6 7 commissioners, which I did only before I also provided that 8 same opposing opinion to the subcommittee members. They all got it first before any of the 9 10 commissioners got it, opened it, looked at it. 11 MR. GRACIE: We probably got it and didn't have time 12 to read it. I didn't have time to read it, Roger. 1.3 MR. TRAGESER: So that was what came out of 14 that -- and for what it is worth, because somebody is going to 15 ask me I would imagine, or maybe I am volunteering this out of 16 turn, I was one of the four not one of the eight on that 17 particular possession restriction. 18 MR. PROCHASKA: Hey, Roger. You should mention that 19 was amended. It wasn't now going to be a statewide. 2.0 amended, right? 2.1 MR. TRAGESER: Yes, that was amended. At first it 22 was put up as a statewide. But then it was amended to just be 23 Potomac. And then you had a slide up here that was just a 24 designated area of the upper Chesapeake, the upper bay.

So then on our September 13th meeting -- oh, one of

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the things, Tony had mentioned that if you go on our Website, you will have minutes and what not. Well, you will have minutes starting on September the 13th. We don't have minutes for -- we have action items and motions on the August 9 but we didn't actually have minutes recorded at that point in time. I made a point of sort of requiring that this committee should have minutes that are taken and then put together and made available. Of course, in doing so, I made myself the secretary. So what is new? But it had to be done. So we came to this meeting basically with a focus on Method 2, which addressed the catch-and-return areas and possible no target areas. And after much discussion, and actually we had a motion right off the bat from one of our members to not consider any of those. Not consider any catch-and-return areas. Not to consider any no-target areas. The motion was seconded. We had discussion on it and actually came up with a vote this go round of eight in

and actually came up with a vote this go round of eight in favor of not having any target areas and four opposed to not having any target areas.

MR. GRACIE: This is the same advisory committee, Roger?

MR. TRAGESER: This is the same advisory committee, absolutely. Yes, it is the same committee. I will just give you really quickly a little bit of background.

The discussion we had of Method 2, catch-and-return,

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no target. Discussion points included but were not limited to economic impact if you set these areas up. Negative heavier fishing pressure on surrounding areas that will continue to be open to all fishing because you put these off-limits in place.

Really lack of hard science to support closure benefits and the difficulty of enforcement. Enforcement, I think, is almost going to be the key thing in any of these things and it may be a key item among other things in the item, the Method 1 item/Option 2 thing that we looked at as well. That is pretty much how that went out.

Questions and Answers

MR. NEELY: I did read your report and it seemed to me there were two things that just -- one was that the workgroup that Maryland had put together was top-heavy with guides, and so that their results would be skewed.

And the other thing was that Virginia uses a different methodology to do a stock assessment as opposed to Maryland. And the state of Virginia, the Commonwealth of Virginia, seems to think that we have a very healthy bass population down in the Potomac, and Maryland says we have got problems. So how do you reconcile the two?

MR. TRAGESER: Well, they do a spring survey, if I am not mistaken whereas Maryland does a fall survey. There could be great swings in that, and where they do their surveys and how they do their surveys.

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MR. NEELY: But how do you reconcile your results and your recommendations with Tony and what he is saying for the commission?

MR. TRAGESER: I don't know that you can reconcile that without -- part of what we have in, I know is in that statement, is that there probably really needs to be more discussion between -- and there are four entities really on the Potomac.

If we are talking strictly the Potomac right now, there are four entities that really get involved in that:

Maryland, Virginia, PRFC and you have DC. And DC does their -- now PRFC doesn't do any surveying that I am aware of on that. They are more sort of a regulatory group on the Potomac River. Washington does, Virginia does, Maryland does.

With so many different groups coming back with so many different opinions and results, I don't know exactly how you reconcile that unless they are working a little more closely together.

Now you have some sense of that happening because we have a meeting -- we have had two meetings I believe at the PRFC headquarters where it has been Maryland, Virginia and Washington participating and exchanging information. You know, as far as reconciling, I am not sure exactly how you are going to reconcile one group saying this is what we see happening and the other group saying, this is what we see

happening. 1 2 MR. GRACIE: Are we ready for questions? 3 MR. GOLDSBOROUGH: Well, I don't know. Are you done with your presentation, Roger? 4 MR. PROCHASKA: Well, I think there are a couple 5 more slides. Let's try to go through them real quick. 6 7 MR. TRAGESER: And the one thing I do want to make sure we do is we have -- and I talked to Bill earlier about 8 this, and I know we are extremely late but just like we had an 9 10 availability for public comment on the rockfish tournament 11 thing, I do have couple -- I think there are a couple of 12 individuals here who I want to make sure we get some public 13 comment from before we take it any further than that. 14 (Slide) 15 MR. PROCHASKA: So the line furthest to the north is 16 the one the subcommittee agreed upon. It is from Turkey Point 17 west to Aberdeen. But I just wanted to note that the line to 18 the south, which is actually the striped bass line, you know, 19 really covers most of the tidal bass fisheries in the upper 2.0 bay. There are no barriers for anglers to move among those 21 river systems. 22 Nor are there barriers really for fish to move among 23 those systems. 2.4 (Slide) 25 This is the proposed line for the Potomac River so

from the 301 bridge upstream. We also had discussions about 1 2 special conditions about special conditions. And you want to 3 cover that, Roger? 4 MR. TRAGESER: No. I believe you have copies of 5 that. 6 MR. PROCHASKA: We amended the special conditions --7 MR. BLAZER: It is in Tab 8. 8 MR. PROCHASKA: -- to address concerns about having 9 fish over 5 pounds in a single bag. We also provided a 10 statement in there that tournament organizations that were 11 maybe having some trouble meeting some of the special 12 conditions could present other options to help meet the 13 special conditions in terms of improving fish care in the 14 department. 15 We would evaluate those and work with the tournament 16 organizations to see if those were acceptable methods. So I 17 wanted to just say through this process I think we have tried 18 to provide -- and I think everyone would say we have been 19 targeting tournament organizations. The regulation that we 2.0 are considering doesn't just target tournament organizations. 21 It targets harvest anglers as well because they can keep more 22 than 1 fish over 15 inches right now if they want. 23 So that regulation, if it were in place, it would

avoid the mortality of the larger fish. Again addressing the

fairness issue that was raised by public comments that were

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received when we scoped the catch and return areas.

And we also tried, and we have worked with, organizations to try to make these special conditions workable. And we have done stuff in the upper bay. We have purchased water quality equipment to have an approved at Anchor Marine. So we have tried to assist tournament organizations to make this doable.

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I guess this slide we can wait. And if folks want to ask questions or have discussion --

MR. TRAGESER: One more comment that I want to make before we take any questions. I know collectively or it is being said it is not targeting tournament organizations because it is a statewide regulation and individuals that harvest. But I don't know the exact numbers other than the fact that I know it is low.

That of all those recreational fishermen out there for black bass, there is a very small percentage of harvesters who are out there as compared to those who fish tournaments. So that Method 1/Option 2 is going to have a much bigger impact on the tournament community than it is going to have on the harvesting community.

I run an organization that, to be honest with you as far as the waiver conditions go, Maryland Bass Nation has no problems there. In fact, we are probably a model of how

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tournaments should be run from what we require out of our anglers to have in place on their boats when they catch their fish. How we tell them to handle that water and exchange water in their live wells.

And how we conduct our weigh-ins itself. But there are going to be a lot of organizations out there, small groups, that just aren't going to be able to do that. We are going to run their tournaments, club tournaments, whatever it might be, and they are not going to have the ability to have all these release tanks.

There are other ways that they can make their tournaments be better, and I know we can educate them on doing that as well. And we have started to do that with the videos and whatnot. So with that being said, if there are any other questions.

MR. DeHOFF: Just to kind of get back to John's point a little bit, It sounds like we have different jurisdictions using different survey methods to come up with different ideas. I may be off base here but maybe one of the constant data points that we are going to be able to get is going to be feedback from the tournaments.

I mean, do DC and Virginia pull the same information that we do basically?

 $$\operatorname{MR.}$ PROCHASKA: They do not have a permitting system like Maryland does.

MR. TRAGESER: They don't have a permitting system 1 like we do. 3 They don't have to report catches or MR. DeHOFF: anything like that? 4 5 MR. TRAGESER: No. 6 MR. DeHOFF: Because that is a very strong chance 7 and even though we are not necessarily targeting tournament 8 fishermen, especially in Maryland, it is our best data source. And I was thinking if they had something similar, you could 9 10 compare that data. While it is not all inclusive, at least 11 you had some common ground where you were using the same data 12 set to work off of. That really makes it difficult. 1.3 MR. PROCHASKA: Well, I have full faith in our tidal 14 bass program and the surveys that we conduct. Joe does an 15 excellent job. He is very objective. And it is Maryland 16 waters that are our responsibilities, and that is where our 17 surveys occur. 18 MR. GRACIE: Let the people in the public comment 19 because you got a behind you who wants to talk. 2.0 MR. GOLDSBOROUGH: So Roger brought that up earlier. 21 I am going to allow for some public comment. People are here 22 specifically for that. I will get to that in a moment. 23 MR. GRACIE: I don't want him to think he is being 24 ignored. 25 MR. GOLDSBOROUGH: He is not being ignored.

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MR. GRACIE: I think John Neely made some important points. There was a point and a question. In terms of reconciling the difference, I don't think you answered the question. We want to reconcile those differences with good data and good science.

And what I saw was some trend lines that tell me a story that make me concerned so we have to do something, and I think you agree with that. I have a concern with the way this whole thing was set up, and I have shared that with you. I have headed a bunch of subcommittees over time with this commission, and we have always asked for volunteers from the commission.

And I get a little uneasy when the department sticks its nose in and picks the people who are going to be asked to be on the commission when they have an axe to grind. And I am not accusing anybody of anything, but that raises some doubt in my mind of how fair it even -- this was.

The second thing is John made the point that it was heavily weighted with guides. The guides have a very different -- some guides in particularly. One of them was a vice chairman on this. They have a very different perspective than a lot of the rest of us. So that makes me wonder about the process.

Roger, you have given us a dilemma. This commission has worked with you for years. We trust you. We know you

have the interest of the fish at heart and you are disagreeing 1 with the subcommittee you asked to be set up. I don't know 3 how we are going to make a decision today. So my question is what is the timing of when you have to have it. 4 5 We are going to have another meeting before you have -- I don't know if you have a regulatory, is this going 6 7 to be promulgated regulations? MR. PROCHASKA: Here, I will show you here. Of 8 course this timeline obviously is subject to change depending 9 10 on the outcome. That is why we didn't actually bring anything 11 up because we didn't know what the outcome --12 I didn't get your what I call minority MR. GRACIE: 1.3 report in time to even review it so I don't really feel competent to participate in any decision making today. So I 14 15 think we need to buy some time and step back a little back. 16 And maybe at our next commission meeting, we can be 17 ready to discuss this intelligently because I am pretty uneasy 18 with having to even come down on either side on this. 19 MR. PROCHASKA: And I would like to address the 2.0 composition of the subcommittee. You want to address that, 2.1 Dave? 22 MR. BLAZER: Yes, let me just go back to the 23 composition a little bit. We came to this committee, we 2.4 talked about forming a subcommittee, and we wanted to get

people who are engaged in the fishery.

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So we put out requests for applications, people who 1 2 wanted to volunteer to be a part of that. We got 16 3 applications. We reviewed all those, we talked to a couple members of the SFAC about the composition of that group. We 4 5 tried to balance it with tournament anglers and guides and others. The river keeper is on there. There are one or two 6 7 other people who aren't really guides. They are just kind of recreational fishermen. 8 So we tried to get a balance of folks in there as we 9 10 go through. 11 MR. GRACIE: Dave, my only problem with that was 12 that you guys made the decision to exclude some people. 1.3 Well, we came through the Sport Fish MR. BLAZER: Advisory Committee. 14 15 I didn't hear anything. You mean the MR. GRACIE: 16 subcommittee. 17 MR. BLAZER: Well, we had talked to Bill and walked 18 through some of that. 19 MR. GOLDSBOROUGH: And Bill knows all the bass 2.0 fishermen really well, so that was great. Come on. 21 MR. BLAZER: Jim, none of us know all the bass 22 fishermen but we wanted people who know the industry and know 23 what is going on to work with us on that. 2.4 MR. GRACIE: And that part was fair. 25 MR. PROCHASKA: Well, in all fairness there was some

redundancy between -- if you look at this list, there were 2 some people in the exact same organization that applied. 3 would we have two or three individuals from the same 4 organization serve on the subcommittee? 5 MR. GRACIE: My question wasn't them. My question was how the decision was made on who was and who wasn't. 6 7 have had seven subcommittees I worked on in this commission, 8 and nobody in the department ever told me somebody couldn't be on it, never. And I have been on this commission -- I was 9 10 chairman four governors ago too. I have been on this 11 commission --12 So the process makes me uneasy and when our trusted 1.3 bass representative isn't happy with the outcome, then I get a little nervous. 14 15 MR. PROCHASKA: What outcome is he not happy with? 16 MR. GRACIE: He just published a minority report 17 that was from the four among he voted against the majority 18 view. 19 MR. PROCHASKA: Is that your report? 2.0 MR. TRAGESER: That is not my report. It is report 21 by one of the subcommittee members with input from other individuals. 22 23 MR. PROCHASKA: From the subcommittee. 2.4 MR. TRAGESER: Um hmm. 25 MR. BLAZER: Well, Jim, I can tell you also, we are

a little uneasy with that because we haven't even seen the minority report. 3 MR. GRACIE: We need to have a better process. All I am saying is buy time. I am not accusing anybody of 4 5 anything. Give us a chance to review the information and get 6 comfortable with it. Don't ask us to make a decision today. 7 That is all I said. Anything else I apologize for if I 8 implied anything untoward. I didn't mean it. 9 MR. GOLDSBOROUGH: That is all right. Good points, 10 Let's hear from everybody who has something to offer to 11 the commission and then go from there. Any other commission 12 members have a comment at this point? 13 (No response) How many members of the 14 MR. GOLDSBOROUGH: No? 15 public with a show of hands are here to address this? 16 (Show of hands) 17 MR. GOLDSBOROUGH: Two over here. 18 MR. GRACIE: Three. You got one behind you too. 19 MR. GOLDSBOROUGH: One behind. Okay, we got three. 2.0 How about you come up one at a time and to the mic in the 21 corner of the table here and give us your name and your 22 thoughts. Public Comment 2.3 24 MR. CHACONAS: My name is Steve Chaconas, and I am a 25 member of the BBAS. I am also a quide on the Potomac River.

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I would like to start off answering your question. The difference between Maryland surveys and Virginia surveys are very blatantly obvious.

Maryland does their surveys in the fall when SAVs are extremely abundant. Catching fish and shocking fish is really, really tough. In the last five years it has been made tougher with the overabundance of hydrilla and the lack of milfoil.

Virginia does their surveys in the spring pre-SAVs. So their shocking results are more reliable. In my opinion, the slot limit recommendation did not consider -- Roger was telling you about the bigger organizations but they did not sufficiently consider the thousands of local tournament anglers and the charity tournaments.

I mean, we have the St. Jude Children's Hospital tournament, which has raised a quarter of a million dollars over the last 25 years. There is another organization that benefits soldiers. It is Real American Heroes Foundation.

These are groups that are going to have some difficulty meeting these waiver requirements. The waiver requirements for the big tournaments, that is the way they run tournaments. They have done that, and it is great fish-care practice.

But the smaller, the local guy, the one who says, hey, you know, I have hung drywall all week, I have turned

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wrenches all week, and now all I want is to go out and have fun and play my tournament game on the weekend.

Those are the ones who are going to be impacted because they don't have the capability of the manpower nor do they have the capability of the funding for the equipment, additional equipment, and time that is needed to comply with these waivers.

And that would be the tubs, the release boats or the release mechanisms that would have to be in place so they could meet those release requirements. The other thing, I mentioned Virginia. It was mentioned in one of our meetings, and Roger alluded to it. I just don't think that the BBAS in the second meeting -- and by the way, there were no minutes at all, right?

That the BBAS in the second meeting was mature enough to handle -- this is huge. This is the biggest issue that has ever been put out there on the Potomac River period. Bigger than any rockfish. Bigger than anything else because this affects thousands of anglers who spend thousands of dollars at our boat ramps.

In fact, none of the boat ramps in small town in economic development -- Charles County, who would be impacted the most, they weren't even contacted to see what kind of impact or if they had any input. A tournament to Charles County brings \$75,000 all the way up to \$900,000 per event,

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per event. And that helps publicize the fishery throughout the year and years to come.

But John Odenkirk was upset when he saw some of the statements that were made about him, and he said this regulation is a poor solution in search of a problem. His September survey data, done just last month, shows that there is a healthy fish population at similar levels to 2005.

So he has looked at it back 11 years. He said, it is his opinion -- and this is the key thing too. We talk about stripers and we talk about any of the other species. People keep those fish.

99 percent of the fish that are caught are released, and he says very clearly that in a 99 percent release rate and a relatively low delayed mortality, this regulation would needlessly inconvenience anglers. He is shocked that Maryland is considering restrictive harvest regulations.

Our Joe Love, our tidal bass manager, has also said that he sees signs of recovery, and he attributes this to improved recruitment and lower annual mortality. Now both of these have nothing to do with tournament activities. Nothing to do with tournament activities.

Tournament organizations: You asked about getting information from Virginia. That guy right over there, any of the tournament directors from Virginia or any of the tournament directors anywhere have data that we would be more

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You want to know what is going on in Virginia? They will bore you with those numbers. I guarantee you with that, but they have that. Tournaments, we just had a major Bass Master tournament here in August. There were 20-pound bags caught throughout the whole tournament.

And in fact, Bass Masters said that the average, average weight of each bass in this tournament exceed their average from the last time they were here in 2007. And for those who don't understand tournaments, they only show up when they are being paid to show up. But they bring a lot of money. That is why they get paid to show up.

So they haven't shown up for a while, which leads us to another kind of misnomer, and it has been used by members of our committee or subcommittee. It has also been used by DNR to say the Potomac River, once high and might, is no longer on the Bass Master to 100 fisheries list.

Well, what I have heard from the editor of Bass

Master Magazine, basically says it is a popularity contest.

It is nothing more than a click generator. So everybody goes there and clicks on it to see which one is number one.

It also has to do with when the last time they were here because they also use it as a way to promote their tournaments to generate even more revenue.

So these are things that were tossed around, and

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again I think with the BBAS being rather immature at the time, only really its first meeting that was conducted by itself, handed a really big, big menu to try to digest.

We also -- at that meeting there was a key person there. And I will tell you his name, Gene Gilowand. And for those of you who don't know him, he literally wrote the book on fish care, literally wrote the book on fish care.

Every fisheries manager, every tournament director, uses his guidelines to conduct their tournament and to set their regulations on fish care in their jurisdiction. He had over 30 years of fisheries management experience. He has been all across this country working with fisheries managers.

He was at that meeting. Here is what he said: The process needs to slow down and take a step back and look harder at the data and recommendations being made. Moving too fast and alienating a large portion of your constituency is never a good idea for an agency.

He also talked about the lack of cooperation between Virginia, Maryland and DC. That the Maryland anglers say, hey we see what is going on in Virginia. We are seeing the tournament results. These guys are tournament anglers. I am sure they are going to tell you about their results.

He will tell you about the tournament results. We are seeing a lot better, and he is saying it is really poor management to go, and even though Maryland owns the river,

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there are now -- this reach of a proposed regulation would also reach across the border into Virginia requiring Virginia anglers to comply with a possession limit if they cross the border.

Ultimately a four-fish limit, and something, a subtle change up there that you guys might not have noticed. What they are operating under this year, the Option 1, was from June 16 or June 17 to October 16. Now the new one is from June 16 all the way to March 1.

So if this is an effort to really save fish during the hot seasons -- I tell you, I fish in January. I wish it was hot. It is not. I like to fish in November, it is not hot. I like to fish in October. Well, today is hot.

But it is all relative. We are talking about this thing. Roger mentioned it. We have worked with the DNR. A lot of us have worked with the DNR, Don Cosden, going back, and Tom O'Connell. And working with these guys trying to come up with better ways to get information out.

You want to get information out to a bass fishermen? That guy, that guy, all these guys will get that information out. Just like that. We will let everybody know. And will they work hard for the fishery? Yes, they will work hard for the fishery.

My opinion on the slot limit recommendation is that there is really no data on the impact should that be a move

because it is something new. Nobody has done it really except 1 Florida has experimented with it. 3 MR. PROCHASKA: No, it is a regulation. MR. CHACONAS: It is a regulation in Florida? 4 5 how long? 6 MR. PROCHASKA: It just got implemented. 7 MR. CHACONAS: There is no data on the impact of such a move. There is no impact data because it is so new so 8 9 we would be experimental in that. 10 This is unpopular with the anglers. At the last 11 meeting we had probably about 30 anglers show up. 12 anglers find it cumbersome. It is also totally, ultimately 13 unnecessary depending on whose data you look at because there 14 is really no science to demonstrate the need of a drastic, 15 drastic action. 16 And it is also really unenforceable that to get a 17 waiver, a tournament director says, yes, I would like a 18 waiver. Well, unless Maryland is able to go on Virginia 19 shoreline and check out tournament directors, that is totally 2.0 unenforceable. I would hope that this commission would not 21 move, and vote tonight to not move this forward and allow the 22 BBAS to work toward better fish care without regulatory 23 burden. 2.4 The burden on anglers should not be something that

they are not able to comply with but rather we seek angler

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cooperation so we can all work together to enhance Maryland's If you guys have any questions, I have spent a lot of 3 time on this, and a lot of the stuff that is in that letter to you guys, if you have questions on it now I can answer them. 4 5 If you have questions further on, you can e-mail me. I would be more than happy to straighten it out for you. 6 7 MR. GOLDSBOROUGH: Okay, thank you. I would like to get everyone's comments before we do that. Please state your 8 name, sir. 9 10 MR. BLUNT: My name is Lee Blunt, and I am actually 11 a tournament director in Virginia. I am the director for 12 Region 1, Virginia Bass Federation. Unlike Roger, Roger is 1.3 the director for the whole state. We have a small -- when we 14 have a tournament, we have about 30 boats. We 3 every year on 15 the Potomac. 16 And I have got records going back 10, 12 years. 17 records don't show there is any problem. I can even give you a record back in 2012 in October, we had a 2-day tournament. 18 19 We had 30 boats, we had 60 fishermen, and I didn't bring the 2.0 numbers with me but I can provide them for you. 21 But 2 years later we had the same tournament, the 22 same amount of boats. 1 boat shy so 2 fishermen shy of that. 23 And they caught 1 fish less in 2 years. Out of those 6 24 tournaments that we have held this year, out of all 6

tournaments, we have had 8 fish killed. Out of 6 tournaments.

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We quit having tournaments years ago when I became the director. I have been the director for over 10 years. We quit having tournaments in July and August. The reason for that was July and August we were having fish kills. We were having fish kills I was embarrassed about.

Now, like I have said, in 6 tournaments we have had 8 fish killed. Those 8 fish probably were killed because they were gut hooked and bled -- you just can't help that. It happens. But all of those fish actually were given to fishermen hanging around, that were fish going to shore. They all went to a good cause. They all got eaten.

But these regulations, when they first came out with this, we heard about it and I thought, oh, my goodness. Guys won't pay to fish anymore. I mean, you are going to go out and have a fishing tournament where you can only keep one fish over 15 inches?

So we are all competing for little fish. It is a little fish tournament. Crazy. But the regulations get to the point where we have to keep the waters in our tank to a certain degree. I mean, now, we are a small group. We do have tanks, we do use those tanks. But like I said, we can't comply with all of the regulations that we have.

We don't have a release boat, so our option for the release boat would be to have our fishermen after they fish for eight hours, to put their bass back in their boat and

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drive them into Maryland -- now these fish may have been caught in Virginia but we have got to drive them back to Maryland to release them.

I mean, I never heard of such a thing. The other thing at the end of the regulation, they are going to hold me responsible as a tournament director if any of my guys go out there and catch two fish over 15 inches and add it to live well. They get caught with it, I am responsible. How am I responsible for what somebody else is doing?

I can make a rule and I can say you have to follow these rules, which we do. We do the best we can. We inspect boats, we make sure that everybody has a working live well.

And like I said, we have very little fish kill. Very little.

I wrote a letter to Mr. Goldsborough -unfortunately it just got sent yesterday but I referenced in
there a guy by the name of Al Howser who said, he made
comments about mistaken things in bass fishing. People see
that bass will eat a red hook. All sorts of different things.

But the main thing is, it is just not true that there is severe fish kill from tournaments. Maybe in the old days but not in today's world. Not in most tournaments I have ever fished. But unfortunately the main thing here is this is going to single out bass tournament fishermen, and it is going to single out the little guys like us.

Bass and FLW, they got plenty of money. They can

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meet all the requirements. And they can get a waiver so they don't have to abide by this. We just can't afford to do it but anyhow I appreciate your time.

I hope that you will look further into this and get better data before you make such a drastic move as to make this a regulation because unfortunately even though I live in northern Virginia and I have been fishing the Potomac for 21 years, when we run a tournament, we run it out of Leesylvania. As soon as we hit the water, we are in Maryland.

I can't run a tournament that stays only in Virginia waters unless we go into Pohick and have a 30-boat tournament in Pohick Bay. That won't work out.

MR. GOLDSBOROUGH: Thank you, sir.

MR. WHITE: My name is Mike White. I have been a tournament angler on the Potomac River since 1976. That is a long time and a lot of hours out there on that water. Everything they said has pretty much covered what I wanted to say but with the graph that he showed, the depletion of the fish, has anybody looked at the introduction of the blue catfish onto the Potomac River and how it corresponds with that?

Not that they are feeding on the bass but the commercial anglers who are running the same nets all through the spawning flats, destroying the milfoil, which is the number one grass on the river to support all the other species

during spawning and for the fry and everything else. 1 2 And they are ripping it up by the bargeful every 3 spring all back through all the tributaries. I haven't seen anybody, not one person, recognize that. And we see it in 4 5 disgust every single year. 6 MR. TRAGESER: We actually have that as an item on 7 our parking-lot list. There are a lot of items on the 8 parking-lot list that could --9 MR. GRACIE: What is a parking-lot list, Roger? Do 10 you mean things you didn't discuss fully at the meeting? 11 MR. TRAGESER: Things we intend on discussing. 12 Things to be discussed. 13 MR. GOLDSBOROUGH: Anything else, sir? MR. WHITE: No, that pretty much covers it. 14 15 covered everything else but I would like to see some information on that. 16 17 MR. GOLDSBOROUGH: Okay, thank you so much. 18 Appreciate you all coming. Okay, it is back to commission. 19 Do I have any further comments or discussion or proposals? 2.0 MR. TRAGESER: I have to agree with Jim and just 21 suggest that we gather up some more information and just table 22 this as far as the commission giving any recommendation. 23 Phil wanted me to make his apologies. He had a 6:00 2.4 p.m. meeting that he chairing. 25 MR. GRACIE: He had a charter boat meeting.

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MR. TRAGESER: He is going to pay the devil for that probably. We can come back with some other recommendations. Some of my anglers have actually made some other suggestions or recommendations to bring to the committee outside of this Method 1/Option 2. So I think more discussion needs to be done within the subcommittee before we bring anything else back to the commission. MR. PROCHASKA: Jim, you asked to have more information presented. Can you be specific because we have plenty of information. MR. GRACIE: I didn't ask for that. I heard somebody say that doing a fish population study with no SAVs is more accurate than one with SAVs. That is nonsense. fact, I don't know what you are doing. If you are doing mark and recapture, you want to know where fish are concentrated and you want to count the ratio of unmarked to marked on the second recapture. I mean, there are a whole lot of things that could explain these differences. John asked, I think, an important question. How do you reconcile the differences between Virginia and Maryland? MR. PROCHASKA: Well, we have a meeting --MR. GRACIE: I didn't hear anything that convinced me that Virginia was doing a better job. And I would be happy

to look at the data and talk to you about that because I know

something about data. 1 2 MR. GOLDSBOROUGH: What were you going to say, Tony? 3 MR. PROCHASKA: That I wasn't going to provide my 4 opinion on that. MR. GRACIE: I don't have enough information to 5 6 know. 7 MR. GOLDSBOROUGH: Okay, so we have Jim's proposal that Roger has endorsed as our -- is everybody comfortable 8 with that? 10 (No response) 11 MR. TRAGESER: We have a somewhat depleted 12 commission now anyway. 13 MS. DEAN: I am not comfortable at all. 14 MR. GOLDSBOROUGH: Well, what is your thought, 15 Rachel. 16 MS. DEAN: That was it. That was a lot of 17 information. 18 MR. GOLDSBOROUGH: I think that is the point. 19 was a lot of information and there is a lot in the parking 2.0 lot. There is a lot of deliberation yet to happen. These are 21 big steps. I think the point was, tell me if I misstate it, 22 is to take more time to chew on this, in short. 23 MR. PROCHASKA: We do have a meeting at PRFC on 2.4 December 2nd. So we will be with them. There is also a 25 multijurisdictional meeting. We have had a few of them.

are going to have another one the beginning of next year so we are having discussions with the other jurisdictions. 3 MR. TRAGESER: Is that PRFC meeting an open --MR. PROCHASKA: It is commission meeting on December 4 2. 5 6 MR. GOLDSBOROUGH: Sir, you had another comment, 7 quickly? 8 MR. WHITE: Also as far as making a decision on this, something would have to be made to table this for all of 9 10 next season. All these tournament directors who are running 11 these tournaments are scheduling these now, booking in. 12 they lose this timeframe here, they have lost their ability to 1.3 even schedule a tournament. 14 MR. GRACIE: Maryland hasn't made any changes yet. 15 There is nothing on the table. MR. PROCHASKA: That is correct. The only thing 16 17 that would be maintained is the status quo for '16. 18 MR. GRACIE: Nothing is changing yet. 19 MR. GOLDSBOROUGH: Are we content with that being 2.0 our recommendation back to the department? 2.1 (No response) 22 MR. GOLDSBOROUGH: Continue the work of the 23 subcommittee? No objection. Dave, did you have a comment? 2.4 MR. BLAZER: No, I just really wanted to make a 25 comment because I am a little uneasy with the minority report

that kind of came out because it was sent to the commission, it was sent to the advisory subcommittee and not to us at DNR. 3 We never got a copy. I didn't get my copy until 2:30 p.m. It was forwarded. So I think -- even though we 4 have got issues and questions associated with the 5 subcommittee, you know, there are processes we want to make 6 7 sure that we follow. 8 If there is a minority objection, by all means we want to hear that. But I want to be able to make sure we 9 10 follow a process and make sure that it is getting to where it 11 needs to be. I just want to make that comment. 12 MR. TRAGESER: That was my oversight. I sort of cut 1.3 and paste all the committee members that I had, and I sent it 14 out, and this morning I go, I think I should have gotten that 15 out to the DNR reps that were there. This would have probably 16 come out a lot earlier. I mean, when did I talk to you, Bill? 17 Two weeks ago? And I was trying to get some ideas as to what the inland fisheries --18 19 MR. PROCHASKA: Fresh water fisheries. 2.0 MR. TRAGESER: Okay, got it right now. I will still 21 not remember that for another six months or something. And 22 this report, I was trying to see what it looked like on the 23 And then focus what I wanted to do with that on the agenda.

agenda. But we didn't have any information on that until Tony

called me yesterday and said, okay, here is how my

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presentation is going to be. 1 2 So it all kind of like came together sort of late, and that is why it was that late before we went and got any of 4 that other --MR. PROCHASKA: Can we also get some idea of who 5 authored this, and then we can talk about transparency and 6 7 votes and -- I think we would like to know who authored this 8 position paper. 9 MR. CHACONAS: Yes, I authored it with input from 10 other members of that committee. 11 MR. GRACIE: He wants a list. 12 MR. GOLDSBOROUGH: Yes, there ought to be signatures 1.3 on it. 14 MR. BLAZER: Yes, and I think -- I appreciate the 15 conversation and the dialogue that we had today. I just want 16 to make sure that we are having a transparent process and a 17 good, fair and above board -- you know, the Black Bass 18 Advisory Subcommittee had a great meeting last time. 19 was a lot of discussion, a lot of debate. I thought there was 2.0 a free exchange of ideas. 2.1 And then to come here and find out there is a 22 minority opinion that is being circulated to the commission 23 that we don't know about, that was a little disturbing to me. 2.4 So I want to make sure -- I want the dialogue. I 25 think we have a great relationship here at the commission, and

I want to make sure we continue that but I want to make sure we are having it in a fair and balanced and transparent way 3 but let's do it through some sort of a process. Make sure we are all on the same page as we go forward. 4 5 Again, my closing remarks: Thank you all. thought it was a great meeting today. Thank you. 6 7 appreciate it. Sorry we are here until 6:30 p.m. 8 MR. GOLDSBOROUGH: So Tony, Dave, you feel you have got something you can use? 9 10 MR. BLAZER: We will regroup. 11 MR. GOLDSBOROUGH: So the last thing on the agenda 12 was broad public comment. Is there anybody here from the 1.3 public that wanted to offer any comment on anything at all? 14 MS. CORDELL: I was thinking we might have a 15 representative from the Department of Agriculture here today. 16 I am Allison Cordell. I am the legislative director for the 17 department. Wanted to let you know they are thinking about 18 taking on seafood marketing, and this is just a discussion 19 that we are having, and I know they are going to come here to sport fish and discuss that with you. 2.0 2.1 So I wanted to put that on your radar and let you 22 know in probably the next month or two, they are going to ask 23 to be a part of the agenda. 2.4 MR. BLAZER: The sport fish commission doesn't meet

again until January. This will have to be done in a

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1	legislative process.
2	MR. GRACIE: Will it be an administration bill, so
3	it is going to be prepared and coming in at the beginning,
4	early?
5	MR. BLAZER: I think it will come in pretty early.
6	MR. CORDELL: Right we are still
7	MR. GRACIE: So we would be commenting after it is
8	introduced.
9	MR. BLAZER: Yes.
10	MS. CORDELL: So we will let you know especially in
11	January where we are.
12	MR. GOLDSBOROUGH: Thank you. We are adjourned.
13	(Whereupon, the meeting adjourned at 6:35 p.m.)
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