# Maryland DNR

# Spring Meeting of the Tidal Fisheries Advisory Commission

Thursday, May 1, 2014

**Held at the**Tawes State Office Building
Annapolis, Maryland

#### Maryland DNR Spring Meeting of the Tidal Fisheries Advisory Commission

May 1, 2014

## TFAC Members Present:

Billy Rice, Chair

Robert T. Brown
Dale Dawson
Rachel Dean
Robert Gilmer
Bill Goldsborough
Greg Jetton
John Martin
Bill Sieling
Gail Sindorf
Aubrey Vincent
Lee Wilson
Richard Young

## TFAC Members Absent:

Mike Benjamin Charles Manley

#### Maryland DNR Fisheries Service

Tom O'Connell Noreen Eberly

## May 1, 2014

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KEYNOTE: "---" denotes inaudible in the transcript.

1	AFTERNOONSESSION
2	(2:10 p.m.)
3	Welcome and Announcements
4	by Billy Rice, Chair, TFAC
5	and Gina Hunt, Deputy Director, MD DNR Fisheries Service
6	MR. RICE: We would like to get started. Being that
7	Tom is not with us right now, we have Gina to my right doing
8	the welcome and the announcements. Gina, please?
9	MS. HUNT: Yes. Hello, everyone. And welcome
10	again. I just wanted to give a couple announcements and
11	acknowledge two commissioners. Well, Aubrey is not here yet,
12	so I am guessing that she will be here for her first meeting.
13	MR. : She is stuck in traffic.
14	MS. HUNT: Is that right? That may be where a few
15	others are too.
16	MR. : There is an accident on 50.
17	MS. HUNT: At the bridge?
18	MR. : She said they got it down to one
19	lane, so I don't know.
20	MS. HUNT: Well, when she gets here, this will be
21	Aubrey's first meeting representing seafood dealers. And then
22	I believe we had a is he here?
23	MS. : He is not here.
24	MS. HUNT: We also have a proxy who is supposed to
25	be here for Richard Manly, which is Brian Nesspor. So they

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may both be -- he is Eastern Shore. So he may also be stuck
in that traffic.

Then I just also wanted to acknowledge that, you know, in your -- you have your agenda in your binders, and then after the agenda are the action items from last meeting.

And so to close the loop on -- there was the action item, the question in regard to charter boat and commercial activity. And this came about because last meeting we talked about the new regulations on charter crabbing. And then the question was will DNR provide a written summary of what is currently and not currently allowed?

So that is actually provided. A written summary is provided right behind this action item. And this issue is not on the agenda because we were just following it up with the action item but, you know, the second action item was to consider opportunities -- I am sorry, was to consider what else, you know, we would change or could change back.

So I don't know if after you review that, if you want to bring that back to another commission meeting or something else that we discuss at the end of this meeting. I just wanted to make note that it is in your binders, although it is not on the agenda. It is follow up to that action item.

So that is it for announcements. Do we have anybody signed in on that public comment? No?

MR. RICE: Okay. Being that we don't have anybody

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signed in, I know Steve has got something to bring before us. 2 Would you rather wait for the rest of the people to get here, 3 Steve or are you good? MR. LEIGH: Well, do we know that several more are 4 definitely going to be here? 5 6 MS. HUNT: Well, they haven't sent -- you know, they 7 haven't told us that they weren't coming; in fact, the one 8 person who told us they weren't coming supposedly has a proxy 9 coming and that person is not here. So I mean just that issue 10 of, you know, if you know there is an accident and these are Eastern Shore folks, then that is two. 11 12 But you know we -- most of the commission is 1.3 present. MR. RICE: Okay, well, if you are fine with that 14 15 then why don't fill this slot in with your presentation. 16 MR. LEIGH: I can do that. 17 MS. HUNT: While he is doing that, we are not going 18 to have the agenda on the screen but you have it in your 19 binders and there are some extra copies back there by Robert T 2.0 if you need one. 21 Public Comment 22 MR. LEIGH: Good afternoon. My name is Steve Leigh. 23 Today I would like to talk about yellow perch. I would like

to begin by saying my presentation is in no way to restrict or

regulate further any recreational yellow perch activities on

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the Chesapeake Bay. I am going to do a comparison as part of my presentation. But I am not here to comment on anything that has to do with recreational yellow perch activity.

The first page is an overview of the yellow perch fishing in Maryland. We have, on size limits, recreational, 9 inch to unlimited size. In commercial, 8 1/2 to 11, called a slot limit.

Creel limit, recreational fishing is 10 fish.

Commercial hook and line, is 10 fish. The seasons, 365 days a year for the recreational yellow perch fishery. January 1 to March 10 or until the quota is caught for commercial fishing.

Areas: All the Chesapeake Bay and its tributaries are open to recreational fishing. The commercial sector has the upper bay, the Chester River and the Patuxent area. The heads of the rivers are not allowed to be commercially fished. There is an imaginary line drawn across all of them as a commercial sanctuary or as a recreational-only fishing area.

The allocation for yellow perch is 50 percent recreational, 50 percent commercial. Accountability for the yellow perch fishery: There is zero accountability on the recreational side. On the commercial side, we have to declare our intent to catch yellow perch and purchase a \$25 yellow perch permit.

We call in, in December to order tags for our yellow perch, which have to be tagged. A pre-determined quota is

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established each year for the three fishing areas. We have to buy tags from DNR and tag each fish for sale on the dead market, not the live market.

We call DNR every day of the season to report our catch, whether we fish or not. And end of season overage, if we would happen to go over our quota, is subtracted from next year's quota. But if we do not catch our quota, we do not -- those fish are lost. We do not get to add them to the following year's quota.

I will ask if there are any questions on that right now before we go to page two.

(No response)

MR. LEIGH: Okay, page two is why I am here. There are some areas of concern that the yellow perch fishermen have that I would like to address. When this yellow perch fishery was set up, we were told by DNR that we would fish alone until we got close to catching our quota, and they would determine when they thought we would do that and set an end date to the fishery and give us a couple days advance notice.

That worked very well for the first few years that this system was in place. The last two years has been a disaster. In 2013 we were only allowed to catch 60 percent of our quota, and last year 2014 we were able to catch 70 percent of our quota.

For various reasons I guess why DNR thought that 60

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and 70 percent was adequate but the watermen don't feel that way. Those fish were designated as safe to be harvested, would not impact any fishery, any biomass part of the yellow perch fishery. And we would like DNR to hold up their end of the bargain and allow us to catch 100 percent of our quota.

Also in the yellow perch fishery we have to call in on days -- every day of the season. Last year we had 15 days where the ice was solid from Havre de Grace to Crisfield. We still had to call in: no fish, no fish, no fish.

Typically we only fish one or two days a week in the winter when we are yellow perch fishing. It is just a waste.

There is no value in calling in every day. It is nonsense.

You look at the rockfish on days that the season is open and fishermen don't fish, they are not responsible for any accountability. You look at the crab industry, which is doing the pilot program with the electronic reporting. On days you do not crab, you do not call in. It is just assumed you didn't crab and you didn't have a harvest.

We have a live fishery in the yellow perch fishery. Some of the watermen keep their fish alive in boxes and sell them. Those fishermen are not required to tag their fish but they are required to buy tags.

At the time they sell their fish, a DNR representative comes to the dock, monitors the sale of those fish, counts them, gets the weight on them, and takes back

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those tags that they just bought that were never used. They
go to Mattapeake to be thrown in the dumpster or the recycling
bin.

This is a ridiculous policy. It needs to be changed. There is no need for people in the yellow perch live market to have to buy tags that are never used.

We do have established right now a closing date. It is March 10. And that closing date does not need to be in existence. We should be allowed to catch 100 percent of our quota, whether it is on the 26th of February, the 26th of March. Those fish have been deemed safe to catch. There is no reason not to catch 100 percent of that quota, which we have not been able to do the last two years.

The last item is something that has been kind of a dead issue here lately but it needs to be addressed. The Choptank and Nanticoke Rivers have an adequate yellow perch population, and those two rivers need to be open for a commercial fishery.

When Larry Simns was alive, he was pushing for that.

DNR did some fish surveys down there, and decided I believe at one point that it was safe to have a fishery in those two rivers. And it was going to happen and for whatever reason at the last minute it did not happen.

I would like the support of this group in dealing with DNR to see if we can't make a few modifications in this

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fishery, and most important to allow us in the future to catch 100 percent of our allocated quota. So any questions on page 2? Robert?

#### Questions and Answers

MR. BROWN: Yes, I will go back to page one to start with. It says that the recreational fishery, where it goes to accountability, has none. How do they know when they catch their 50 percent or where is that at? I have a problem with that because there is no accountability on that part.

And when it comes to you catching your quota, I think you ought to be allowed to catch it. And you will never catch your quota unless you go over it a little bit. I think that -- and they say if you go over it, they just deduct it from next year.

And I have not problem, when it gets up to the very last, if you go over it a few, a couple thousand pounds or whatever it may be, or whatever, that you deduct it next year because if you always stop at 92 percent or 95 percent, you will never catch what you are supposed to catch.

And whatever amount you go over, if you deduct it the next year, then you have caught your quota but you have deducted, say, 2,000 pounds or so from the next year.

Also as far as the closing of the season, I think it should be open long enough that you be able to catch your fish. I don't care if it is the first of April or whatever it

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is done. When you catch your quota, the season is closed. And as far as if the department says if there is -- got scientific evidence that the Choptank and the Nanticoke River have recovered enough to open the fishery, that it should be opened. But if it is opened, I would like to see that a quota be set for those rivers down there added to it because I wouldn't want to take from the quota that you all have up at the head of the river. MR. LEIGH: Let me elaborate a little bit. 10 in past years gone over the quota, and it has been subtracted from the following years. The watermen don't have a problem with that. What we have a problem with is that 60 or 70 percent, and DNR has not been living up to their end of the bargain. MR. BROWN: And another thing: Up the head of these rivers, you are all the way up the head of the bay and people up the head of the Patuxent or the Choptank and the Nanticoke, most of the time they don't have too much other stuff that they can rely on, you know. Up the head of the bay you are so far away from the oystering and your crab season starts last and ends first. I think you all need this.

bay because we don't have many rockfish up there and this does

MR. LEIGH: It is an important fishery for the upper

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help out the watermen trying to make a living up there. 2 And we are not arguing with the number that our quota is or any part of the recreational quota. We want to be able to catch our 100 percent of our commercial quota. 4 5 MR. RICE: Well, Steve, to me we have got two separate items. No. 1 you have concerns with the quota not 6 7 being caught. The second item is the Choptank and the Nanticoke. Would you like this, would you be open for this 8 9 commission to make recommendations on these two items on your 10 behalf? MR. LEIGH: Yes, I would. 11 12 MS. HUNT: Can I just add something to the first 1.3 one? 14 MR. RICE: Yes. 15 MS. HUNT: I wanted to comment on the first point, 16 which was the department not allowing you to catch your quota. 17 So we have not shut down the fishery prematurely. 18 MR. LEIGH: Yes, you have. 19 MS. HUNT: -- when the quota had not been caught, 2.0 when the estimates were the quota would not be caught, that 21 has been shutting down the fishery in the two years that you 22 were saying that it hasn't been working, this year and last 23 years. 24 The regulation states that the fishery will close 25 March 10. So not that -- I mean, if the quota is caught

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before that certainly it can be shut down. But that whether
the quota was caught or not, the fishery was shutting down
March 10.

Now we extended the season beyond what was set in regulation. We did that by public notice. So I guess my point is that, that date was set in regulation. There was public comment to that regulation. There was process to that regulation.

It was not that we are just picking a number and saying, no, no, I don't think that is the right number anymore. We are following a date that is set in regulation.

So I just want this commission to understand that, you know, there are two separate things I think going: Not when do we shut you down but is that date then that is in regulation that is actually controlling the harvest, not the department putting out a public notice and shutting you down.

Really that is not what has been happening. What has been happening is that we have been putting out a public notice to extend.

MR. LEIGH: You have extended the season. I agree with the that, but you have not extended it to let us catch 100 percent of our quota. There is no reason if you can't extend it 10 days you can't extend it 15.

You have made no effort to make sure that we caught our quota in the last two years, which is -- I feel and the

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commercial and yellow perch fishermen feel is part of the original deal, that, you know, that quota was set, those fish were safe to harvest.

It worked for several years and now the last two years you have just gotten into this habit of saying that 60 or 70 percent was good enough. You could have extended it long enough to let us catch our quota. Did you have that power? You extended it 10 days. We didn't catch it. You could have extended it two more, three more, five more.

MR. RICE: Go ahead, Mike.

MR. LUISI: Mike Luisi, DNR Fisheries Service,
Estuarine and Marine Division. Steve, you make a lot of good
points, you really do.

I can't say that the points that you have made regarding the season end date being in the regulation as March 10, whether that is something we need to look at, I feel we do. I think that we need to look at the science that went behind establishing that date and determine whether or not we need to continue having an end date for the future.

You know, the point where we are now with how we have managed is that, as Gina mentioned, there is an end date. And we have provided an extension. That end date was part of an agreement between recreational and commercial fishermen years ago, quite a while now.

And I think if we are going to deviate from having

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an end period from which we extend from, we need to do that, we need to fully vet that, you know, through the commissions, through work with staff, and the commercial fishermen to determine whether or not that is the point from here forward.

And if we were to do that or remove the end date and have a quota and manage that quota, I think there are a few other management tools that we could use to help the commercial fishery attain that quota to a point where -- I am not sure we have ever managed to exceed it -- to allow for exceeding the quota, but to get you as close to 100 percent as possible.

I know you and I and Lynn have had that discussion about finding a way toward the end of the year where the harvest is not so dramatic and drastic so we can -- we don't have to guess as to when the quota is going to be caught.

I think there are a number of tools we can use. I think your points regarding tags are very valid, whether or not we continue for the live market tagging. Whether or not tagging individual fish is something that we will consider.

Another thing you mentioned -- electronic reporting is going to play a big role I believe in allowing for a hailing and an electronic reporting component such that you would not have to report when you are not fishing or hail when you are not fishing.

I think all of the points you made are absolutely

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valid. I believe and the department believes that they are something that we need to think about, and what I would like to commit to for the commissioners here, I am certainly committed to getting together with any of the fishermen you speak for here today.

If I could work with you, we could maybe plan a meeting for early June sometime to sit down and come up with the points we want to try to address. If regulations are going to need to be changed for next year, they will have to be proposed sometime in September, so that gives us a few months to work with staff.

I would like to bring in the staff who are responsible for the science. That goes into the quota setting to determine what that date, the significance of that date, and whether or not that is something we can deviate from.

And then again the Nanticoke and the Choptank, I think you mentioned, I would like to bring some staff in to have that discussion. So the department is absolutely committed to dealing with some of these issues and I certainly -- with electronic reporting we can cover some of the bases a little more easily than we were able to in the past when we have talked.

So, Steve, if we can work together to set something
up --

MR. LEIGH: We have tried to work together. We have

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had meetings for years. Not one thing has ever been done in the past. Am I correct? Maybe the watermen don't want an electronic reporting system. We just want to catch our quota and leave things just the way they are.

MR. LUISI: Well, there are certain things that we have talked about where the accountability, you know -- if we don't have a system, let's just if say electronic reporting is not part of the new design of the management system, then it is going to be difficult for us to know who went fishing each day to manage a quota unless you call in every day.

So there are certain parts of your proposal that I think would be addressed -- some of the issues that we have discussed about why we haven't gone forward with your proposals in the past can be addressed through electronic reporting, but those are all things that I am certainly committed to talking with you and the fishermen. You have got our commitment on that.

MR. JETTON: Educate me here a little bit. The end date that is in effect, was that put in effect at the same time with the quotas or was that before there was a quota and that was just the end of the season? I am losing the timeline here.

Have we always had a quota on yellow perch and the end date? Was is put in effect --

MS. HUNT: Yes it went in effect if that is your

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question. So when we knew we were managing -- in a quota per river system too, you know, there is a Patuxent quota, there is an upper bay quota. So there are different quotas that we manage to. So when you call in your harvest, you are actually calling it in for a particular region. MR. JETTON: And that is what I am trying to get past. Like the striped bass has an end date because we get into the spawning season, and I understand that. But with yellow perch I am not sure that is an issue, so if there is 100 percent there and there is a way to regulate this, maybe it is online, you know, calling in, I think the we ought to work it and find a way they can catch that. Because he is right, the upper bay, that is the only thing in the spring for some of the guys up there. MS. HUNT: Well, I think, you know, to Mike's point though and in regard to that date, that date, those line restrictions, a lot of what went in, in this proposal was done in collaboration with recreational/commercial, so --MR. JETTON: That is why I am wondering where it all -- where does the timeline kind of fit there, and I am unclear on that, and without Larry here anymore we are kind of lost and sort of starting over again. So but I think we ought

to investigate that for those guys.

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MR. RICE: Okay, well, I think it would behoove this 1 2 group to make some type of a motion on how we want to move 3 forward with this. If we go with Mike, want to go with that, if we think that we can sit down now and possibly hammer out 4 something. I think we need to move forward in some direction. 5 6 I know Tom is committed with trying to work with 7 this group and that we have got it out and now we need to go forward with it somehow or another. So I quess I am asking 8 for a motion from somebody. Robert T? 9 10 MOTION 11 MR. BROWN: First I am glad to hear that the 12 department is willing to work with these people on the yellow 13 perch, and I move that Mike -- or I move that we get the 14 department to have a committee pull up to look into this and 15 report back to us by our next meeting so we can be kept up to 16 date on it and hopefully we can get this resolved. 17 MR. JETTON: I will second that. 18 MR. RICE: Any further comment? 19 MR. YOUNG: Can I ask Steve a question? 20 MR. LEIGH: Sure, yes. 21 MR. YOUNG: I just want to know what you are looking 22 for us to do for you. 2.3 MR. LEIGH: We have had meetings in the past. 24 Nothing has ever been done, and that is why I felt a need to

come to you guys this year. I need a little help. I can't

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get anywhere with the department on anything with this. 2 MR. RICE: Well, I think that we have publicly shown that we all have a commitment to that and we stand behind 4 that. MR. LEIGH: That is fine. That is good. 5 If we could get something done, it would be a change. 6 7 MR. RICE: Well, Robert T., your motion pertains to the quota situation and the opening of the two areas? 8 9 MR. BROWN: Yes. 10 : Whatever the committee does, it 11 should do the whole thing. 12 MR. RICE: Correct. I just wanted to agree on 1.3 that. If we don't have any further discussion I would like for everybody to signify in favor of this motion by raising 14 15 your right hand. 16 (Show of hands) 17 MR. RICE: Opposed, abstentions? The motion is unanimous, and we will --18 19 MR. LEIGH: I appreciate your time, everyone, and this is an important issue to the watermen. And again I want 2.0 21 to reiterate, it has nothing to do with the recreational 22 fishery. They can go fish everywhere 365 days a year. I have 23 no problem with that. The watermen don't. 2.4 We just want to have a reasonable fishery and be 25 allowed to catch our 100 percent. Thank you.

MR. RICE: Thank you. 1 2 MR. LUISI: Just a point of clarification. A few 3 people just mentioned a committee, getting together with a 4 committee. There is no committee. But if I were to work with Steve and work with other yellow perch permit holders as a way 5 6 of announcing a meeting and having basically a public meeting, 7 I don't know if that is the way we want to proceed with this? Just offering to have any fishermen who have had a 8 yellow perch permit in the last year or two to come here and 9 10 bring their issues and work with us on that. That is what we 11 can do. 12 A public workgroup. MR. 1.3 MR. LEIGH: Would they all be notified by mail? Yes, absolutely. 14 MR. LUISI: I would notify 15 everybody by mail and whoever shows up, shows up. 16 MR. LEIGH: Right, as long as they are given an 17 opportunity. Thank you. 18 MR. RICE: Okay, moving right along, we have the 19 Natural Resources Police activity report. I don't see anybody 2.0 here from NRP, so then if you have an interest in this report, and everybody has it in their packet of information, feel free 21 22 to review it. 23 Steve Vilnit is with us and he is going to give us a 2.4 report on seafood marketing. Steve? 25

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## Seafood Marketing Update

## by Steve Vilnit, MD DNR Fisheries Service

MR. VILNIT: Okay, everybody. I am going to give you a quick update on what we have been working on and what we have coming up in the next couple weeks.

(Slide)

What we are passing around right now, we recently printed off the first batch of the Maryland Consumers Guide.

Basically this is just an all-encompassing look kind of to consolidate all of the print that we did in the past into one document.

This is going to be available to go out to the general public. It is going to be available as a PDF version online. It has a little bit of everything, from crabbing to oysters, just general knowledge for the public so we can get some information out there.

This one does have a couple typos, and we said instead of trying to pay someone to go through and edit it and proof it, we put it out to the public as a contest. If you find a typo, you get a hat. It is an advertising thing, and also accomplished two things: We get them to read every word of it because they are trying to find the typos.

So we are pretty confident that the next run -- we only did a run of 500 of them, so the next run is going to be typo-free. But that is the original run. So hang on to

those. They are going to be a collector's item someday. 1 2 (Slide) 3 Just a little update on social media. Our Facebook page, we continue to grow that pretty rapidly. We are almost 4 at 10,000 likes right now and it is growing at a pretty good 5 This has been a great tool for us to get word out to 6 7 the public. Just anything we want to do. Season openings, products going on. We continue to do contests on there. 8 9 (Slide) 10 And just a little bit on the metrics. I quess it is tough to see on there. But every time we do a post, which is 11 12 usually once a day, twice a day, we get between 1,000 and 1.3 4,000 people clicking on it. If we give away a pound of crabmeat or something like that, we get 300,000 people 14 15 clicking on it. 16 On the right there you can see this is where most of 17 the people are coming from -- Baltimore and DC. Cambridge was 18 No. 3 which is kind of surprising. Annapolis needs to pull their weight a little bit more. But these are all Maryland 19 2.0 people who are really going on here and just following everything we are putting put on the page. 21 22 (Slide) 23 I mentioned last time we had the Flying Dog beer 24 partnership going on. We are really excited. The launch of

this is tomorrow. So this is the cookbook that they are

putting out in collaboration with the beer. 1 2 (Slide) 3 They are going to talk about True Blue and the watermen and what a dead rise boat is and that sort of thing. 4 5 (Slide) 6 There are a bunch of recipes in there from local 7 chefs, celebrity chefs. This is one from a restaurant right here in Annapolis. He is doing blue catfish tacos. They did 8 a great job on this book. Jay Fleming, who works with us, did 9 10 all photography for it. As always, he did a great job on it. 11 \$1 from each case is going to go back to the True 12 Blue program to help us advertise that program and get the 1.3 word out about crabs. The demand already has been more than They did -- I don't know if it means anything 14 they expected. 15 They did a 100-barrel run, which is normally what 16 they do for their initial deployment of a beer. 17 They said the feedback from restaurants calling them 18 was so great that they had to put six more barrels going 19 They had 300 restaurants calling in saying they want 2.0 the beer on the first day. So it could be good, and like I 21 said, \$1 from each case and \$5 from each keg that they sell 22 goes back to the program. 23 (Slide) 24 Just a couple news articles. Noreen printed these

Just a couple things we have been working on recently,

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seafood fraud. There was the house bill, 913, that was in, so 1 that continues to get a lot of press. So these were a couple 3 articles that came out. 4 How to tell if your crabmeat is really from Maryland, that was a big story the Baltimore Business Journal 5 Just trying to get the word out there that your crabmeat 7 is not necessarily Maryland crabmeat and getting consumers to ask the questions when they go into the restaurants. 8 9 (Slide) We recently did the Boston Seafood Show. 10 11 the second largest seafood show in the world. This was a 12 fantastic year for it. It broke attendance records this year. 1.3 So just a couple pictures. 14 (Slide) 15 There were 1,000 companies exhibiting this 16 year, JM Clayton and three oyster companies were there this 17 year, which was great. 18 (Slide) 19 28,000 people attended the show this year. a shot from opening day, people coming down the main hallway 2.0 2.1 there. 22 (Slide) 23 Just a couple shots of some booths and things like 2.4 that, that were going on at the show. 25 (Slide)

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This is actually our booth. So that is our booth 1 that goes along this hallway. 3 (Slide) And these are the companies -- oyster companies, 4 5 crabmeat companies in there. We have a 60-foot booth now, and it is right -- when you come from registration, so it is a 6 7 great spot. 8 (Slide) 9 Some overall shots. Again, that is our booth down 10 there. Overall shot of the show. It was packed. 11 Johnny Shockley, one of our oyster farmers, had a 12 booth there, and he says his sales went up 600 percent since 1.3 the show. So he is selling a lot of oysters, and the demand 14 is amazing for oysters. We had some Chinese buyers come into 15 the booth that wanted to buy our Maryland oysters for \$4 16 apiece, which is a fantastic fishing price. 17 (Slide) Just some of the companies that were in there. 18 19 from Barren Island. J.M. Clayton serving up some crabmeat. 2.0 Shucking oysters, handing them out. 2.1 (Slide) 22 Some of our competition, Phillips crabmeat. We took 23 a couple pictures of some of the other booths in there so you 2.4 can kind of see what we are up against. The Phillips booth

was right next to ours, and this was Louisiana seafood.

nice booths that these guys had. 2 (Slide) 3 So this is our thing we are about ready to launch. We are trying to get people out of the old wives' tale that 4 5 you can only eat oysters in the months that end with R. 6 So it is always the right time to eat an oyster, the 7 myth has been busted. So telling people why there was a myth and what we are doing to -- you know, just trying to get this 8 into restaurants, getting people eating oysters year-round 9 10 now, really focusing on that so we don't have the seasonal 11 drop in oyster sales. 12 That is about it for right now. Anybody have any 1.3 questions? 14 MR. JETTON: Can you get me a case of these? 15 MR. VILNIT: Yes, as soon as we print out the next 16 I mean, they are in the works right now. They should be 17 in within the next couple weeks. 18 MR. RICE: Okay. Thank you, Steve. As always, you 19 are doing a great job. Tom, do you have any announcements 2.0 being that you have been able to join us now? 2.1 MR. O'CONNELL: Yes. I apologize. Busy activity 22 The NRP Activity Report, Lt. Windemuth sent an e-mail 23 to me just before the meeting started. Due to some activity 2.4 down in the Little Choptank River today, he had to be down 25 there so he is unable to make it.

1	So if you have any follow-up questions on the report
2	that was in your handout, you can follow up with me directly
3	and I will try to get back to you.
4	And I think Gina Hunt mentioned that we have a new
5	commissioner, Aubrey Vincent, and I would like to welcome
6	Aubrey. She is going to be representing Dorchester County and
7	the harvesters and the processors down there so we are glad to
8	have you aboard.
9	MS. VINCENT: Thank you. I apologize for being
10	late. Unfortunately I am awful at misjudging traffic in
11	Easton and did not estimate how much time it was going to take
12	so I apologize.
13	MR. MARTIN: I was late too because of the same
14	thing.
15	MS. VINCENT: One lane on Route 50, one lane. But
16	anyhow I am here and I really appreciate the opportunity, so
17	thank you.
18	MR. RICE: All right. Next on the agenda we have
19	our regulatory updates with Sarah Widman. And just so you all
20	will know that Moochie is taking care of his job, he is going
21	to run the meeting while I step out.
22	Regulatory Updates and Regulatory Scoping Items Legislation Update
23	by Sarah Widman, MD DNR Fisheries Service
24	MS. WIDMAN: Hello, everyone. You should have a
25	couple handouts from us, so I will just go through what you

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should have from us. You have our normal reg update, which I will go through briefly. You have our scoping handout, which we will go through.

And then you also have from us the current list of people who have been penalized commercially and recreationally. And I just haven't printed it out. We will include it from here out in your handouts. But those are also always up online and updated as penalties are assessed, so just so you are aware and can view it. We will include it.

So that is what you have from us. On the regs update front there are the normal sort of public notices. The striped bass fishery season modifications, several of them. Spiny dogfish commercial catch limits. There is an oyster harvest reserve area opening. The yellow perch, which we talked about a minute ago.

There were several shellfish aquaculture leases.

The annual blue crab female harvest catch limits include requirements that were put out. And that is basically the public notices.

The regs that became effective, there were a few of them since we last met. The spiny dogfish limited entry system that was asked for by that fishery was put into effect back in February. We had some shark changes, mostly to the recreational sector in March. We have eels lining up with ASMFC's management plan. It went into effect in March.

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Menhaden, this was the --- requirements specific to pound nets, making sure that the menhaden catch for them are reported throughout the year. That was in March as well.

Oysters, we were able to increase our bushel price that we pay for bushels of shell. And that was in March.

The Snapping Turtle Workgroup had asked for some changes or some updates to that as well as aligning the permit with our license renewal time period. We are trying to do that with all our permits now that you can get the permit and pay for it at licensing.

We are trying to make sure that the time periods for those align with your renewal time periods. That took place in March. Our annual penalty changes, based on the --- from last year, went into effect in March.

We have again the bait harvester permit and some penalty-related stuff on that, but again aligning it with the license renewal time period. Spotted sea trout -- that was in April -- spotted sea trout in April as well. And that was reducing the recreational catch limit, increasing commercial size from 12 to 14 inches.

We put in place in March the shell recycling tax credit program, and then currently, which I think one is missing, we have three -- now we have five as of a few days ago but it didn't make it on your handout -- but the three that are out for comment that I put on the Website as well.

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Menhaden: So this was asked for by the industry to allow permittees to name an operator or employee on the permit that could take that out. Now you can do that with your license so it aligns with the license allowance for letting your employee take your vessel out to harvest for you.

Crabbing charters: This again was at the request of the industry. So this clarifies periods of activity. We created a crabbing charter decal for individuals who are going to be out --- chartering crab trips as well as allowing the commercial operators to have educational tours while they are out doing their commercial activity.

The third one was the striped bass. The Atlantic ocean side we usually had over the winter. They wanted to align what essentially was their ITQ system with the current ITQ rules from the bay as well as allowing for -- instead of an every other year declaration period for your striped bass permits it would be every three years.

And then this past week we just put in a tagging clarification for striped bass. This was discussed at the Striped Bass Workgroup I believe in March clarifying that you -- if you are tagging the fish it needs to be your own tags or tags that you got through transfer of someone's quota.

And then also horseshoe crabs --- was also one of these declaration permit changes. We also have, just as a reminder, the rec side, they asked for a three-rod limit we

had taken out and put in place in tidal waters to be removed, 1 and that is currently in place. 3 Ouestions on what we have done so far? If not I will move on to scoping. 4 MR. YOUNG: So on the tagging thing, tagging the 5 rockfish, hypothetically speaking now, I know what you are 6 7 trying to avoid is me bringing fish in and letting someone who 8 hasn't been out fishing use their tags and their quota. 9 So what happens if I am out there -- say I am gill 10 netting, and I set on a bunch of fish. And I got say a 300 or 11 400 pound a day quota, and my net comes up with 800 pounds. 12 What I am supposed to do? I can keep 400. I am supposed to 1.3 throw the other 400 back, and they are dead. That is a waste of resources. It would be better if 14 15 I called my buddy, and he was able to meet me at the dock and 16 put his tags and report them under his quota. Rather than 17 just throw it away and waste it. MS. WIDMAN: I will let Mike answer. 18 19 MR. LUISI: I completely get it. I think we all do. 2.0 The intention is not wastefulness. It is about 21 accountability, about who is on the water, who is fishing, 22 finding a point at which fishermen are accountable for what 23 they are harvesting rather than harvest all you can and hoping 24 you get back to the dock, there will be enough people there to

come down to the dock to tag those fish.

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This was an issue that we have had meaningful discussions with Natural Resources Police about, and we just feel at this time with the system that we have in place, that having fishermen tag their own fish with their own tags or tags they received through a transfer of some sort, that are with them on the vessel, is just the most accountable system that we could have for this fishery.

Now whether this can change in the future when -- again, we bring it up all the time but with hailing and electronic reporting, maybe there could be something we could consider that would be as accountable.

But the purpose -- what I have heard over years is that fishermen need to be accountable for their harvest. And a fisherman isn't accountable for his harvest if he is coming to the dock with more fish than he has quota for.

And we are just trying to get away from that at this point given that concerns have been raised by enforcement, by people getting to the dock with more fish than they have got, maybe intending in some way to call people, but they realize there is nobody there to watch, and they have then taken off with those fish.

MR. YOUNG: Well, I understand that. But what I would like an answer to is, is the department responsibly managing the fishery if you are requiring overages to be discarded dead, which is what you are doing.

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And it is not responsible to the fishery. It is not responsible to the fishermen, and it is not responsible to common sense. We are throwing fish away that have been They are dead but you are requiring them to be discarded and just wasted. MR. DAWSON: I would like to respond to that. They are not all dead. And when we know we have got a problem, we release the live fish, and the ones that come up we keep. They are not all dead. We have done surveys for 15 years with the DNR with the gill net, and we release the fish live. You don't kill them all. Once in a while if their gills are pinched shut they will drown, but 90 percent of the fish get through enough that they can gill and they are still alive. So we release -- like I said, if we know we have got too many we will release the lively fish and keep the others back. And then we won't go over. So we are not going to ride around trying to peddle fish away to somebody. MR. RICE: John? MR. MARTIN: I was just going to say we have the same situation on the ocean side for dragnets because when we hit the pot, when we do find a pot of fish, we can't

They all come up, and we have basically said the

necessarily say we only want 2,000 pounds of you.

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same thing. How can we work this out so that -- and we release them as fast as we can, and you know, some do live and some just float away, just inherent to that type of fishery, I guess.

But we have been wondering the same thing. How can we responsibly handle the fish when you can't be so discriminating?

MR. RICE: Mike, you had a comment?

MR. LUISI: Yes, just wanted to comment to the point. I think what the answer is, is more fishing transfer and process of quota.

We currently have individual fishing quotas in both the Chesapeake Bay and on the Atlantic coast. We just don't have a system in place to efficiently transfer quota from person to person that can happen in a timely enough manner that somebody who does catch more fish than they have can get a quota transfer to them to cover them before they get to dock.

In my opinion, that is the answer. We just aren't there yet. Transfers now have to come through the department and be approved by a person, and we can't have that happen in real time.

Now electronic -- technology can go a long way in the future, and I think that is our answer. We can have a system in place with electronic quota transfers that can

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happen in real time so that if you do catch more fish than you have got, and there are people who are willing to release their quota to you, you have got that option available.

Not to say we will have that in place tomorrow but we are just not there yet. Lynn is going to give you guys an update on the progress with electronic reporting. And I think, you know, that is going to go a long way in the next couple of years.

MR. RICE: Moochie?

MR. GILMER: As to what Mike is talking about, we went on an EDF trip to Florida. They had a system in place where if you caught a fish that you didn't have a permit for or whatever, they actually had a broker set up that you actually called, and you could make a deal for that fish within 5 to 10 minutes on your different quotas of fish, that you had that.

And I know that is sort of what you are referring to but it is a system that took -- I don't know how many years it took them to get it place.

But in the snapper fishery, they were snapper fishing but they would catch a fish that they didn't actually have a permit for, but they could get on the phone, and this broker had a bank of people who had permits who were willing to sell, and you just almost called them and negotiated price right on the phone, and you got those permits to come to shore

with. 1 2 So I think that is basically what you are talking 3 about. 4 MR. LUISI: Pretty much. MR. RICE: All right. Does anybody else have a 5 I think it is plain enough to see that we recognize 6 7 this as a problem, and that we will be working on it in the Striped Bass Workgroup. Is that correct, Mike? Okay. All 8 9 right. Fisheries-related legislation, Gina? 10 MS. WIDMAN: Billy, do you want me to do the scoping 11 stuff? 12 MR. RICE: Oh, I am so sorry. 1.3 MS. WIDMAN: That is okay. I think they want to 14 I don't know. Really quickly. 15 That is what I get for turning the torch MR. RICE: 16 over to Moochie and coming back halfway. 17 MS. WIDMAN: We are going to do some housekeeping. 18 The recreational community is allowed to have -- . On the 19 ocean side right now you don't need a license to crab 2.0 recreationally. So we just need to make sure they can use either a DNRid on those or their name and address. 2.1 22 We also clarified the distance between the trotlines 23 and the collapsible traps and net rings to make sure that rule 2.4 is still clear. 25 Shellfish: During session the industry worked with

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the department, and the outcome of that is some of the shellfish stuff we are scoping. There is wild ground that would be added as the new power dredge area in Eastern Bay, and it is expanding the existing area as well as the Swan Point area.

And those would be under a five-year study time period as well as the reg would allow for opening and closings of the hatchery seed-planting areas and other components of the study to be done by public notice.

Fisheries also had a request from Somerset County

Oyster Committee to expand the size of the Evans Reserve near

Deal Island. The reason, laid out there, is related to

poaching issues. Additionally there were some fixes and typos

in some of the coordinates that we had that came about. When

we were mapping we found errors.

Some of them, just numbers were wrong and things like that. So we want to fix those while we are in there.

Right now all of these things, other than the housekeeping fixes and the coordinates, have been discussed with the industry. We planned on putting them up on our Website as well. We are looking for any other ideas if you think of any additional scoping ideas.

Snapping turtles: Again removing declaration periods on that. They came up with, at the workgroup meeting in March, that there were some issues. If someone wanted to

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get a temporary transfer and come into the snapping turtle fishery and get a permit for that, and we don't have a limit on those permits, so the time period threw that ability off for those people.

So we just decided we would remove that declaration period and make it any time throughout the year that you could declare for it. That came again from the workgroup, and we will have it up on our Website.

There are some suggested changes for the license-free fishing areas for recreational folks that we have been discussing with the Sport Fish Advisory Commission.

This is just kind of looking at the criteria for safety and accessibility in quality fishing that we have for these areas, removing the ones that no longer meet those criteria, looking for new ones, trying to make sure we have a good array of them throughout the state for folks.

That input is ongoing with sport fish, and we will have more information up on our Website as well, and we will of course be reaching out to any specific jurisdictions if we are going to be removing a free fishing area in a municipality. We can reach out to them specifically to discuss that.

Gear: This is on the recreational side right now.

Again, just as a reminder, on the spot pot/fish pot issue, we do have the biologist going out with the watermen this summer

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1 to study what came out of our Commercial Gear Workgroup last 2 year.

So that study will be happening, looking at mesh sizes and the escapement panel, this summer. So at the end of the summer we should have some information we can bring back to you on that. These gear changes are related to the recreational components -- jugging, trotlining and rod limits mostly.

We had a workgroup with the recreational sector, and those ideas are going to be up on -- or they are now up on the Website for scoping.

And then the dealer penalty system: This is again something that we worked with the industry on last fall, and over the winter we put together a system that essentially kind of mirrors the commercial harvester penalty system but specifies those actions that are only specific to dealers and not harvesters.

Looking at again the quantity of fish and whatnot, that deal with trying to address those types of things. That was given out to the Penalty Workgroup about six weeks ago or a month ago. I got some feedback on it. That current version of it should be up on the Website for everyone to view and comment on.

The goal would be to move forward with something to put into place by the end of the summer. So we would be

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looking for comment kind of toward the middle of the month so we can start putting the final touches on that. And we would report back out to the penalty workgroup, which will be meeting hopefully sometime in the end of May, beginning of June.

So again that will be up on our Website. We could send correspondence out to licensed dealers asking for more input on that as well if need be. And we will be following up with the Penalty Workgroup on that, that topic.

Regs that are being developed: So we previously scoped some things that we haven't done yet, but just as a heads up that those are in the writing process right now. Our normal commercial license targets, the number of licenses we give out, needs to be adjusted based on, in the past, upgrades and downgrades of unlimited tidal fish licenses.

And then we had to wait for renewal time period to find out who had given up a license. We could give those back out. So based on a lot of things we were waiting on, we should have the targets set in reg again soon.

Restitution: This was a several-year process we have been working on, trying to move in a direction of bringing fines back to actually the department to restore fisheries based on egregious violations in taking a fish. So that will be something we will discuss in Penalty Workgroup again but I would imagine we would try to get something

together this year.

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Aquaculture harvester permit restrictions: Again making sure there are restrictions on people who have repeatedly violated in the oyster fishery in their abilities to have harvester permits, and that should be shipped out shortly for public comment soon.

Permit declaration standardization: We already talked about this, making sure you can renew your permits or purchase your permit when you go to renew your license, so those are all in the works, as well as with yellow perch, we have a line fixed. Again the coordinate issue we found.

And then the last one there, summer flounder. This one has been a little while since we scoped it. We have been working with the industry out in the oceanside looking at a pilot program that would be in place for two years to allow commercial hook-and-line -- right now it is the same size limit as recreational hook-and-line. So we would look to align that with the commercial net fishery size limit.

And it would be for one to three miles out to try to buffer any issues with the recreational fishery there for enforcement purposes. So we would be moving forward with that for next year.

MR. JETTON: What is the timeline for that?

MS. HUNT: I am going to talk about that.

MR. JETTON: Because I get asked that all the time.

1	MR. MARTIN: How many hook-and-line commercial
2	people are over on the ocean side? I don't know of any
3	myself.
4	MR. O'CONNELL: John, there has been one individual
5	who has expressed an interest in I don't know the
6	economics of it but it doesn't seem to be too economically
7	feasible based upon the That is why we have limited it
8	to a two-year program and legislative request for the
9	department so we are going to do it for two years
10	While there are a large number of commercial
11	people I don't anticipate a lot of people will want to
12	take advantage of this opportunity.
13	MR. MARTIN: Okay. I have asked a bunch of
14	questions about it.
15	MR. RICE: Thank you for your report, and I am sorry
16	I cut you off at the pass. It wasn't Moochie's fault either.
17	Actually see I am trying to keep up with my time schedule. So
18	I get a little gung ho sometimes. Fisheries-related
19	legislation. Gina, please?
20	Fisheries-Related Legislation, Wait-List Target, and Male LCC Issue
21	by Gina Hunt, Deputy Director, MD DNR Fisheries Service
22	MS. HUNT: I am going to talk about legislation, and
23	then I am going to move into that wait list and LCC issue,
24	like under one agenda item, I think.
25	So you have in your handouts a summary I think it

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is right after the regulations stuff. A final legislative list, and I am just not going to go through all of it but I am just going to go through what was notable, what passed, and also just a little bit of what didn't pass but is still notable.

So House Bill 154 was the legislation that put a member of this commission on a Sport Fish Advisory Commission. And so I believe Rachel has been assigned that task, and she was at our meeting on just Tuesday with Sport Fish. So while this doesn't go into place until July 1, it is certainly in spirit already in place.

And Senate Bill 93, this was a recreational license incentive bill. This actually allows the department to provide some discounts to people who have not been buying recreational hunting or fishing licenses for at least three years and providing some kind of discount marketing to them, maybe cross marketing to hunters to come fishing or vice versa.

So that bill passed. It is effective in October but we will be discussing some opportunities and working with wildlife to figure out some discount programs and then coming back to sport fish with that in July with some of those ideas basically to make into place for a 2015 license year.

House Bill 1148 is recreational striped bass fishery study of harvest data. This is basically a request to have us

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look at ways to make the harvest information on striped bass more accurate, and we have been working in that regard already but be continuing down that road, and then providing a report to the general assembly at the end of the year, by December 1.

House Bill 1174, this is one that you may or may not have ever heard from constituents about but a few years ago when our new license system came on, it implemented finally a law that had been in place for many years, which was that we had to collect Social Security numbers.

We were already collecting Social Security numbers from watermen but we were not on the recreational side until we got this new computer system. It caused concerns from anglers on security, and the general assembly basically passed this to say that the department may now just ask for four numbers.

Before the law said we had to ask for all of the Social Security number. It has not yet been implemented because we are waiting for approval from the federal government.

They basically have to provide us a waiver because that information has been provided before to meet some obligations for child welfare and basically the way people are trying to track who is not paying taxes and who is not paying child support, and all of those issues tied back into this collection of Social Security numbers.

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So we need a waiver that collecting the four digits is going to be sufficient, and we have been working on that for the past year, but when we get the waiver in place, now we already have the law there to allow us to change the system and only ask for four numbers.

So that is all the good news. And the bills that did not pass, Sarah did mention the oyster dredging bill, which there is regulations then coming out of that bill, Senate Bill 466 and House Bill 1155 that didn't pass. But they will be regulations instead of law.

And then Senate Bill 145, House Bill 145, this was the public notice bill. And we basically are looking now to have some representation from this commission and from sport fish to serve on a workgroup this summer and basically have a summer study.

The Secretary had requested the bill be withdrawn and move it to summer study to address some of the concerns. And so at this point I would be looking for -- if anyone is interested to participate in this workgroup, we would be talking about really what public notices are used for, what guard rails, boundaries, there should be for those and any possible legislation then for next year.

MR. RICE: Tom?

MR. O'CONNELL: Yes, so just some ideas for the commission to think about. We have also had the discussion

with the Sport Fish Advisory Commission. This is going to be a joint workgroup. 3 Sport fish had someone from tidal, somebody from nontidal waters and someone from the coast I think, at least 4 those three. Thinking about where we use public notices 5 within commercial fisheries, and trying to keep this to a 6 7 manageable size. 8 You know, my idea was that we should have someone from the coast, we should have someone for striped bass, blue 9 10 crabs, oysters, finfish and then dealer processor. 11 about six people. That may give a good representation of this 12 body to advise the department on how to use public notices 1.3 going forward. So we are looking for some volunteers today, and 14 15 mine is just a suggestion, but I think those are the areas 16 that would be good for us to get some representation of --17 MR. RICE: I am always one for small groups. I 18 would like to add one more: Moochie for the clammers because 19 I know public notice means a lot to his industry sometimes. 2.0 If you are going to volunteer for your --- . 2.1 MR. O'CONNELL: Oysters and clams? MR. RICE: Well, I kind of think it is two separate 22 23 animals somewhat, in some ways. So we are kind of looking for 2.4 somebody from the coast.

(Laughter)

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MR. MARTIN: What do you need? 1 2 MS. HUNT: We can, because I presume it is going to 3 be me, I honestly don't know but I guess I am assigned 4 that -- I mean we can move it. I can move it over to the 5 Eastern Shore, looking at what kind of membership we have, I mean we can certainly move it to the Eastern Shore. 6 7 MR. RICE: Well, I can certainly start drafting The dealer processor, there are several here. 8 9 MS. VINCENT: I am more tempted if it is on the 10 Eastern Shore. 11 MR. O'CONNELL: I live over there. It sounds good 12 to me. 1.3 MR. GILMER: Me too. Tom will be out running the workgroup. 14 MS. HUNT: 15 All right, finfish? MR. RICE: 16 I am not going to volunteer, but I think MS. DEAN: 17 as much attention as 145 got, it is something that we need to 18 think about, and I know that you took the words right out of 19 my mouth when -- you know, Moochie, for the clams. 2.0 But this is fairly important. It is what either 21 opens or -- it can open a fishery. It can close a fishery. 22 We talked about how it might set license fees. It might 23 change things so I appreciate those of you who volunteered. 2.4 MR. RICE: I can start drafting people. 25 MR. O'CONNELL: Did we get someone from charter boat

on sport fish? 1 2 We have Jim, Dave Sikorski. MS. HUNT: 3 MR. GOLDSBOROUGH: We have conservation and coast. MS. HUNT: I didn't think you got a coastal. 4 MR. GOLDSBOROUGH: Well, we didn't get them yet but 5 we have it in our notes that it is going to be one of two 6 7 people, neither of whom were there. 8 MR. JETTON: Put me on that one. 9 Striped bass, blue crab, oysters? MR. O'CONNELL: 10 MR. WILSON: I guess I better volunteer since my 11 organization is represented with all those. If it is on the 12 Eastern Shore, I can make it. 1.3 (Simultaneous conversation) MR. O'CONNELL: We have Dave Martin, Lee Wilson and 14 15 Robert T., Aubrey Vincent, Moochie Gilmer and Greg Jetton. 16 The meeting is open to whoever wants to come but this would be 17 a good starter group. 18 MR. RICE: Sounds good. Thank you all. 19 MS. HUNT: That was it for the legislation. 2.0 want, we can move on to the wait list. So at the very back of 21 Tab -- the very end of Tab 4, the very last sheet is a 22 spreadsheet. This is kind of getting to your question, Greq. 23 I am going to start with your question and then we will move 2.4 into some of the other questions. 25 So where we are right now is that license renewal

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ended March 31, late license renewal I should say, ended March 31. And the process now will be run with that new computer system that we got last year, where the wait list and the people who applied to the wait list are in that system.

So what we did this year was -- to start with, folks need to renew by March 31. However, if they put their license renewal form in the mail, and that mail is postmarked by March 31, we accept it. So where some watermen had hoped that on April 1 we would be releasing licenses, we can't do that because they are in the mail, literally in the mail.

And you would be surprised how many people wait until March 31 to walk in and renew or they mail them. So we have to wait at least a week -- if not, we wait two -- to make sure that we have received all of the license renewals that have been postmarked by March 31.

So after that period -- so that takes you halfway into April -- after that period we know how many authorizations have not been renewed and are coming back to the state. And I should say the numbers that are on the sheet, the number that says number of authorizations to release, that -- don't assume that is how many folks did not renew.

That includes all those folks who did not renew, but we may not have been at the target either. So there are probably -- like I know under FTRs I think we were under

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target by 10.

So, you know, just know that this number doesn't mean this is the number that didn't renew. This means this is the number that we can now release based on the active number of authorizations we have from renewal, and the target that we now have. So take the target minus the active number of authorizations, and we will have the number we can pull off the wait list.

So the next column there is the current wait list.

This is how many people are on this wait list for that

particular license type. And after pooling, the final column

is how many would be left.

So if the number is positive, that is how many we would have available, meaning there is no wait. You could walk in and get a hook-and-line license. There would be no wait list for that.

So if it positive, we have licenses available. If it is negative, we do not. The process for pooling off this current wait list is we are currently in there. We are doing it right now.

We have sent through this electronic system, when you applied to the wait list, if you provided us your e-mail address or a mobile cell number, we have sent you a text message or an e-mail and told you to come in and pick it up.

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In the case of FGRs, I will just say we ran -- if you have heard from anybody with a charter boat that got called or notified earlier, it was because we ran a pilot program and pooled fishing guides. Knowing that the striped bass season was starting, they wanted to try to get out a little sooner.

We pooled folks a little sooner under fishing guides just to see how the system worked. We picked one authorization type and said, well, let's see what the computer system did.

And anybody who didn't provide us that phone number or that e-mail address, I actually called. So we had some people who have already come in and got them. This week, we sent those e-mails and that text message system. And there are a lot folks in there who did not give us an e-mail or a cell number. They are being mailed a letter this week.

That is snail mail, so, you know, it is going to take probably another week before they get that. The point is when they walk into licensing, they don't need to have a letter in their hand. All they need to do is say, hi, I am Gina Hunt. I got notified that I came off the wait list.

The computer system knows that they got pulled, and they will issue the authorization at that time. If they are already a waterman, then they don't owe anything because what they paid to apply covers them. If they are not already a

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waterman, then they are going to have to pay the harvester registration fee and that marketing fee. But the authorization is still covered.

Now the process for this year, and every year from now on this is how we are going to do this, is that they are going to have until July 14 to come in and pick up that authorization. That is what -- letter, that is the date that is in the letter. They come in by July 14, they can pick up the authorization for this current license year.

That authorization would expire just like everybody else's on August 31. And they are going to have to renew it. If, say, you are getting pooled for oysters, and it really has no value to you obviously for this license year, you can come in and pick it up the last two weeks of July. So from July 15 to July 31.

Come in and pick it up at the end of July, and you will be issued next license year's license. It is not valid until September 1. So you have an opportunity to just hold that and sit on it and come in and get it for next license year.

If these authorizations are not picked up by August 1, basically it is rescinded. We will issue it to the next person on the wait list and we will issue you a refund for the money you applied to the wait list.

So at this point we have sent the text message and

the e-mail. If you didn't get that, you are going to get a 1 2 letter. If you don't respond to that and you don't come in 3 and pick it up by, say, beginning of June, we are going to send a certified letter. 4 That is going to be the only real notification, one 5 certified letter. They don't pick it up by, like I said, July 6 7 31, it will come back and will be issued to somebody else. So 8 that is the process we are going through. After August 1 we reissue -- start this whole system again, but you imagine it 9 10 is going to be a lot less people. 11 And again we will probably do it, you know, after 12 license renewal. So about twice a year, we are going to be 13 circling around, and you will be hearing that letters are 14 going out or text messages or e-mails. 15 So that is to answer your question about process. 16 Do you still have --17 MR. JETTON: I think so. Just so I am clear, and I 18 am going to pick fishing guide nonresident because it has got 19 the biggest disparity. If you issued a 3, there are 22 left. So somebody could just walk in at that point and get one of 2.0 those 22 that is left over? 2.1 22 MS. HUNT: If they have a Coast Guard license. 23 What is that? MR. JETTON: 2.4 MS. HUNT: If they have a Coast Guard license. 25 MR. JETTON: Right, right. As long as they are

Τ	qualified for that.
2	MS. HUNT: Yes. Hook and line
3	MR. JETTON: So on fishing guide, there is going to
4	be one available, so whoever is first down there gets it.
5	Okay, okay.
6	MS. HUNT: So you guys know first. Whoever gets to
7	be No. 1 on the list. And like I said because obviously with
8	striped bass season opening, it has been a pretty popular
9	question from fishing guide right now. Right.
10	And we did that early pool of fishing guides. Not
11	everybody got pooled. We just pooled the remaining ones this
12	week. So you might have heard some got pooled, and now the
13	rest are.
14	MR. JETTON: Okay. And that number and target of 57
15	on the nonresident, that is written in stone, right? That
16	number never changes, the target number?
17	MS. HUNT: The only time it changes is if so a
18	person with an unlimited tidal fish license has the
19	opportunity to choose the component authorizations, right?
20	The component authorization of a unlimited TFL is an FTR, is a
21	resident. However, there are few reasons why somebody would
22	ever choose to break down their unlimited TFL, and one of
23	those reasons is because they moved out of state.
24	You cannot hold an unlimited TFL out of state.
25	So I say this because I know of one last year where the guy

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moved out of state, broke down the license and he got an FGN instead of an FGR. So we raised that target. And because when you do that, when you break down to the component parts, the targets of all those components go up by one, and the unlimited TFL goes down by one.

But instead of raising the FGR up by one, we raised the FGN.

MR. JETTON: I think we are straight.

MS. HUNT: So that explains the wait list, the process. These targets over here on the left, by the way, are the ones that Sarah mentioned were going to be going into regulation. These are the scoped targets. Okay, so those are them.

And again, you know, just focusing on this is our remaining wait list over here. We have a wait list for some things, not for others. The last point on the agenda and how this all then also becomes relevant is that male only LCC that I have highlighted there.

So for the commissioners who were not here previously, I will just say this was a question that has been tabled for a little over a year now because of what to do with these authorization types that have been turned in to the department.

So male-only LCCs was a license category that was developed several years ago from latent LCC holders. They had

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an opportunity to either freeze their license or go male-only.

If they went male-only, meaning no female crabs, it was

forever and ever. The license would not revert back to a

female license, a full LCC.

So that is fine when they chose male only or frozen.

460 represents the number that basically made that choice for male-only. So between then and now we have had some of those folks not renew their license. And the license comes back in to the state. When the category was developed, when the male-only LCC was developed, it actually was originally written in regulation as non-transferable.

So the idea was at the time that it was going to go away. And then we have had numerous issues and questions and I can't remember how many years ago it was but basically probably three or four years ago we changed that and allowed the male-only LCC to be transferable.

So folks do have -- have had the option to sell this as a business asset rather than turn it back in to the department. These folks, 51, have chose not to. They didn't sell it. They sent it back to the department. So the question has been, as of last year -- I forget what this number was, maybe 40 -- what to do with these?

Do we reissue them or do we make them go away? And the question came to this commission, it went to the Blue Crab Design Team. The Blue Crab Design Team made a recommendation

to basically make them go away, lower the target by the number that are turned in to the department. Came back to the 3 commission -- yes? MR. GILMER: It didn't go the design team it went to 4 5 our state. 6 : Crab advisory. MR. 7 Oh, crab advisory. Okay, you are right, MS. HUNT: you are right. So they said, lower the target. Came back to 8 the tidal fish commission, there was a lot of discussion here. 9 10 They wanted the advisory commission to take some more things 11 into account. 12 Went back. The advisory commission came back with 1.3 the same answer. And at that point, when tidal fish met then, we were in the throes of cost-recovery discussions. 14 the recommendation from the commission was don't make a 15 16 decision yet. Let's see where we are with money because 17 eventually if you make the decision that you are going to get 18 rid of these licenses as they come in, eventually you are 19 talking about 460 authorizations. 2.0 It will no longer exist, and you will not receive 21 the revenue from them. Right now, because of the cost 22 recovery, because of the fee increases of last session, if you 23 assume each of those 460 people are not otherwise licensed by 24 the department, so they don't otherwise pay the harvester

registration or marketing fee.

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That is \$335 per person. That comes out to \$154,000 eventually that would not be coming in. So the question, like I said, was well, wait. Let's see what this would mean for cost recovery. We are again at the end of license renewal, so we know how much money was brought in through the normal license renewal period.

At the time that the fees were set, the deficit to commercial sector was \$2.7 million. The goal of the legislation, the fee increase, was to raise \$1.6. We have raised \$1.8.

So take that into account, that is where we are. Where will we be in regard to the \$2.7 in the future, I don't know. But I will just say that one, we do have some other things to take into account. We do have some authorizations obviously that are currently not renewed because we are issuing off the wait list.

So you could assume a few thousand dollars coming in just now that we are pooling off the wait list. But we do also, if you look at the right-hand side, have a number of license authorization categories that are not at their target.

So you are talking about lost revenue right there too because we don't have -- we don't have anybody that wants them. If somebody wanted them, we would be bringing in that revenue. So all that being said, I think where we are at is we are looking for a recommendation from this commission what

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1 | to do with the male-only LCCs.

If we are going to use them and give them back out, we would at this point have to be offering them to the folks on that LCC wait list that we currently have. It is not a male-only wait list. So I don't know if they are going to want them.

But after we pool the full ones, we would have 65 people left on there, and we have 51 male-only. So, you know, we do have people waiting for LCCs if that is the decision the commission makes. If the commission says, when they come in, just lower the target, then that is fine too. We just won't be issuing them to the people on the full LCC wait list.

Questions? I know that was a lot.

## Questions and Answers

MS. SINDORF: Do you have a feel for how many people you think will not respond to your offering them new licenses on the -- as far as the LCC --

MS. HUNT: The full one?

MS. SINDORF: Yes.

MS. HUNT: Well, we are -- the really interesting thing is we are pooling 117 people off a wait list but these aren't people who have been on there for years. I mean, if you -- the CB6, CB9 wait list dates back down to the '90s.

These people have been on there a really, really, really long time. But the LCC wait list are people who have

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applied within the last year. So I would say the chances are pretty good that they want it because they just got on it.

Now the only reason they may not want it, is you may apply to multiple wait lists, and so if you applied for an LCC and a CB3 or an unlimited TFL, and now are getting one of those, well then I don't want that LCC.

And it is important to note that your wait list spot is not transferable. So I can't give it to my buddy. He will get my LCC and I will get the CB3. You can't transfer you wait list spot. So I would say the chances though are pretty good that people are going to take what they just recently applied for.

MR. GILMER: I think if they have laid down their money they are pretty much, for the most part, unless there is a situation where you have acquired something else.

MS. HUNT: Exactly. And in some cases we have had that happen where -- you know, we had a guy come off for the fin, and he already had an HLI, but he just got it a year ago. And in order to sell a business you had to have it for 24 months. He couldn't sell it. He didn't have a family member to give it to. He turned it back in to the department so he could get his fin.

But we already have 38 of them, so. Anyway I just say that is -- sometimes people will find another buyer, but if they are constrained by that 24-month rule, they are going

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| to turn one in and get the higher thing.

MS. SINDORF: So basically with these 117, all these people pretty much knew that license fee increases were happening, and they were going to pay a lot more money for this since they were only a year old.

MS. HUNT: Well, if they applied prior to the fee increase -- so at the time, the LCC was \$50. An LCC is now \$100. They are grandfathered in at the price they paid. However, come August, they owe that \$100, and they will also owe that \$215.

I mean, they are grandfathered in at the \$50, we are not asking for the other \$50. But they are going to have to pay the \$215 harvester registration and the seafood marketing surcharge. I don't think that is going to scare them away though if that is what you are worried about.

MR. JETTON: I don't know. You have got renewal coming again in August for everybody, and a couple of questions I have gotten from Rock Hall, especially some older people -- most people held on to their license through the price increase. A lot of people did. And they were kind of waiting to see where things fell out.

Well, now people are starting to look at that again, and I think you are going to have another round of people dropping, especially retired people. Older people seem to be the ones asking me the most about it. So I -- you know, you

were talking about cost recovery there. I think you have 1 2 another round coming up of reductions in licenses again this 3 year. 4 MS. HUNT: I think \$1.8 was great news. I really 5 don't want to skip past that that is great news. However --6 MR. JETTON: Don't get comfortable. 7 MR. GILMER: I think the boom in the oyster business, with the transfers, really helped us in that number. 8 9 MS. HUNT: \$1 million of the \$1.8 is in that 10 harvester registration. 11 MR. JETTON: Yes. And that is what you are going to 12 I just think you have got another whole round where see. 1.3 things are not going to settle out yet. 14 MS. HUNT: So male only? 15 MR. YOUNG: Well, the target is 460 now. If we take 16 these away it will be down to 409. And next year it will be 17 another 20 or 30 or 40 that get turned back in and then we are 18 down to the last of the 400. And pretty soon it will be down 19 to zero, which will bring the total number of commercial 2.0 license holders by that corresponding number. 2.1 And one of the first things that I heard Larry say 22 when I got on this commission a few years ago is we don't want 23 to reduce the targets because that reduces our numbers. 24 we already have got a small enough number of people that we

are trying -- a group of people to stand up for anything that

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is commercial. 1 2 And if we get smaller and smaller and smaller, 3 pretty soon nobody cares about us. And that has stuck with me 4 all this time. We don't want to reduce the target, especially if there is a waiting list for LCCs. I have said it before: 5 Why don't we offer it? Why don't we offer it to those people 6 7 who are on the waiting list for LCC as a male-only and see 8 what happens? 9 And if they all go out, they all go out. If they 10 don't, then come back and say we offered them, this many 11 didn't go out -- because I know some of them are going to go. 12 And I think all of them will go as male only. But I could be 1.3 wrong on that. But then come back with a number like 10 or 15 or 14 15 something like that and see what we want to do there. 16 MR. GILMER: And also, if you offer them this 17 go-round, and then next year could you start a male-only wait list? 18 19 MS. HUNT: Oh, we would anyway. I say that because 2.0 I mean it would be difficult -- it is difficult for us to 21 manage this full LCC wait list. You may notify them but you 22 don't know what you are going to get. It is like a lottery. 23 MR. GILMER: Right. 2.4 MS. HUNT: We have not created a male-only wait list

because we didn't want to raise expectations that there would

be one. But if that is the decision that we were going to 1 start reissuing these, then we would create that special wait 3 list just for that purpose. 4 We would issue -- offer these to those people who are on the full LCC wait list. But I will tell you that some 5 6 of those folks who are on the full LCC wait list probably 7 might already have a male only. Because one of the favorite things to do while we are getting some of these turned in is 8 because people, you know, upgraded by basically putting 9 10 themselves on the previous wait list and then going back to a 11 full license and then turning in their male only. 12 So, you know, that is not all of them. I mean, we 1.3 have a big wait list for LCC but it certainly is some of those 14 folks, I know, wanted that full license back. 15 MR. GILMER: Well, you are going to have that in all 16 categories, or some categories. 17 Right. So what is the motion? MS. HUNT: 18 MR. RICE: What is the pleasure of the commission? 19 MS. HUNT: I would love a motion. 20 MOTION 21 MR. YOUNG: I make a motion that they be offered to 22 people on the waiting list. 2.3 I would like to second that motion. MS. DEAN: 24 MR. RICE: Okay, we have a motion and a second. 25 Anybody have any further comments?

1	(No response)
2	MR. RICE: Seeing a blank look on everybody's
3	face
4	(Laughter)
5	MR. RICE: All those in favor, raise whichever hand
6	you choose.
7	(Show of hands)
8	MR. RICE: Opposed?
9	(Show of hands)
10	MR. RICE: One. Abstentions?
11	(Show of hands)
12	MR. RICE: One. Motion passes. Thank you all.
13	MS. HUNT: Thank you.
14	MR. RICE: Robert T., while you were out of the
15	room no, you were not set up at all. We are trying to make
16	sure this is a very well-rounded group, and since you are such
17	a great participant and come to meetings and answer the phone
18	calls, you are on the Public Notice Workgroup. Notice how I
19	built you up before I lowered the boom.
20	MR. BROWN: I noticed.
21	MR. RICE: Well, don't feel bad. There are six or
22	seven people on there with you so it is a good group.
23	MR. : Misery likes company.
24	MR. RICE: That is right. Thank you. Tom, would
25	you like to introduce the lady who is here today to talk to us

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about Mallows Bay?

MR. O'CONNELL: Sure do. Kelly Collins, come on up. Kelly Collins works for another unit within the department, Coastal and Chesapeake Watershed Services -- I may not have got that name exactly but close enough.

It came to my attention a few weeks ago that a process is going forward that Kelly will explain that potentially would create a national sanctuary in a tributary of the Potomac River. It is a lengthy process. We are very early in the process but I thought it was something to bring before tidal fish, and it was presented to sport fish on Tuesday. So Kelly, welcome.

## Consideration of Mallows Bay Being Proposed as National Marine Sanctuary by Kelly Collins, Coastal Planner, MD DNR

MS. COLLINS: Thank you. Yes, we are working on this effort. DNR is working with Charles County and Maryland Historic Trust and a number of other partners to designate Mallow Bay as the first national Marine Sanctuary in the Chesapeake Bay region.

(Slide)

If you are not familiar with this area, Mallows Bay itself is located on the lower Potomac just south of Sandy Point and north of Liverpool Point. The immediately adjacent land is mostly owned by DNR and managed either as Nanjemoy NRMA or managed by Charles County as Mallows Bay Park.

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As you can see, the Captain John Smith Historic Watershed goes right along the Potomac as well.

(Slide)

So Mallows Bay Park is a well-used recreational area for fishing and boating. DNR, through the Waterway

Improvement Fund, has put quite a bit of money into this area improving the boating facilities.

So let' just say this effort is not going to significantly impact the recreational opportunities. We are looking for ways to encourage compatible uses if this area is designated a National Marine Sanctuary.

(Slide)

So a little bit of the history of the area. It is actually really cool. There is probably the largest assemblage of ship wrecks in the western hemisphere at this site. They date back from the Revolutionary War. But the majority of them are actually from World War I back when the German submarines were sinking most of the allied ships there was an emergency effort under way to build transport ships.

And they decided that wooden ships would be preferable because they could build them cheaply and quickly. And so they engaged 40 wooden shipyards throughout the U.S. in this effort. The intent was to build 1,000 ships but the war then ended and a number of these ships never set sail.

They were purchased by a salvage company, and after

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being moved around to a number of locations, ended up in Mallows Bay where they were burned for salvage over the protests of a number of the local fishermen. This was about 1925.

Since then the ghost fleet as it is known has actually contributed to the ecology of the area. The decay of the wood has increased the sediments in the area and it is now a nursery and feeding ground for striped bass and other aquatic organisms as well as habitat, over wintering habitat, for migratory waterfowl.

(Slide)

So just a little bit about the National Marine
Sanctuaries system. There are 14 sanctuaries. Right now they
cover about 170,000 square miles. They are all located on the
coasts, and they serve different purposes. Some are focused
on coral reefs and other sensitive habitats. A couple are
focused on shipwrecks. There is Monitor off the coast of
North Carolina and Thunder Bay in Lake Huron.

And those are kind of what we would model the Mallows Bay site after in that the focus is primarily the preservation of the historic and cultural resources.

The process is such that -- oh, and just a note.

The fish up there next to each name of the site, those are all the ones that do allow recreational fishing, and a number of them also do allow commercial fishing. So I just wanted to

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put that point across as well.

The process is such that if -- so this is the first time in 20 years that NOAA has opened up this program for community live nominations. We are intending to put forward a nomination package, and if it is selected, there will be a formal scoping process that may take up to two to three years, and it would engage a number of stakeholders.

We would come back to you again for input. We would do a lot of work in the county and throughout the state, and a management plan would be developed for this site. And that management plan is what actually determines any regulations, the actual boundaries for the site. And any education interpretation activities.

Along with that, NOAA would provide funding on an annual basis for management of the site. So all told, it is a federal process. If this moves forward, it could take as many as seven years to actually be designated a National Marine Sanctuary. But we have got a lot of local support so far, and I would love to get any input or thoughts that you might have, or concerns.

## Questions and Answers

MR. JETTON: It seems like a fantastic idea to me.
It looks like a neat place.

MS. COLLINS: There are a number of outfitters who do kayaking trips.

MR. GILMER: I was going to ask the Potomac River 1 2 people here for their thought on it. 3 MR. RICE: Actually I have worked above that area and below it a lot. I have never really worked in that area. 4 I mean, if we have enough interest I can start taking tours. 5 6 MR. JETTON: Well, you know what? That is the first 7 thing -- charter boats has been working in my head. looks like a kayak place. The motorship goes in there, drop 8 the kayakers off and they go off. We do that on --- already. 9 10 I don't see anything but benefits for Potomac River charter 11 captains. 12 MS. COLLINS: Yes, we have talked to a couple folks. 1.3 REI and an outfitter called Up the Creek do kayak trips out there a couple times a month in the summers. 14 15 MR. JETTON: Have you made this presentation to the 16 Potomac River Fisheries Commission too? 17 MS. COLLINS: Not yet. 18 MR. O'CONNELL: I have informed Marty Gary, our former colleague, to consider putting it on their agenda for 19 2.0 their summer meeting. 21 MR. JETTON: Phil Langley -- have you done this for 22 sport fish? 23 MR. O'CONNELL: Yes, he was here the other night. 2.4 MR. JETTON: He would be my other --25 MR. RICE: Rachel?

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MS. DEAN: Tom, you had mentioned to sport fish the other night that so long as one of the scoping processes went through, we have requested that there is commercial fishing activity in the area, that we allow that to continue.

So I just wanted to let the other commissioners know that is a possibility because even if we don't know if somebody is harvesting there now, or maybe it is catfish bait -- I don't know what it could be but I don't want to sit here and say, hey, you are shut down because we didn't know you were there.

MR. O'CONNELL: That was one of my first interests when I heard about it. I talked to Kelly and I looked at a couple of these sanctuaries. There is one in North Carolina.

In my quick review is that there are many that allow commercial fishing, but those sanctuaries that are designed to protect like coral reefs or shipwrecks, the commercial activity that is usually allowed is activity that would not impact that -- so spear fishing. They may hook and line. It ultimately depends on the specific projects.

But with shipwrecks here, I would think gears that would impact shipwrecks or some of the bottom features but that is the information that would be gained for the public process, and I just wanted to clear that.

Commercial fishing -- just because it is called a sanctuary doesn't mean fishing is not allowed. There are

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opportunities and examples of recreational and commercial. MS. VINCENT: What do you envision on this project? Do you envision commercial playing a role in this particular sanctuary or do you just plan on focusing entirely on recreational? I just wasn't sure of the scope of the project. MS. COLLINS: Yes, and again some of this will be determined during the public scoping process but I think the majority of the regulations are really going to look at just protecting the cultural and historic resources. So as long -- and I don't foresee that commercial or recreational fishing would actually be an incompatible use so I think that the regulations might be more along the lines of restricting salvage of the historic shipwrecks or potentially -- I know a number of sanctuaries have regulations against drilling or dredging or discharge in the area so it is more of those types of regulations. MR. RICE: The jurisdiction in terms of fisheries is this is pretty much in Maryland 100 percent? MR. O'CONNELL: The boundaries will be defined through the scoping process. It looks like the majority of it, if not all, will be in Maryland. That is why I reached out to Potomac River as well. There is actually an application right MS. COLLINS: now to put this site in the National Register of Historic Places. So that is happening concurrently

1	MR. RICE: Thank you for your report. Tom, can you
2	give the ASMFC spring agenda, please?
3	ASMFC Agenda Spring Meeting Review
4	by Tom O'Connell, Director, MD DNR Fisheries Service
5	MR. O'CONNELL: So the Atlantic States Marine
6	Fisheries Commission will be meeting the week of May 12. I
7	just mentioned a few of the activities that are something that
8	all of us should be cued into.
9	First there are going to be two workshops. One is
10	the Magnuson-Stevens Act reauthorization workshop to educate
11	the commissioners and the members of the public that would
12	like to go to understand what has been drafted in some of the
13	house/senate bills and how that process is going forward.
14	It should be a very informative workshop is
15	here . He represents us on the Mid-Atlantic Fisheries
16	Management Council with Mike Luisi and Steve The
17	council has already begun, you know, engaging in this
18	discussion.
19	There is also a workshop that is more focused on
20	recreational but this group has been interested in
21	recreational accountability. I believe the workshop relates
22	to the federal program that estimates the recreational
23	catching effort. It is called the Marine Recreational
24	Information Program.
25	It used to be called MRFS. It is now the MRIP

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program. NOAA, who handles this program, is looking to transfer one component of the project over to the states.

That being the project where creel --- intercept anglers to catch quota then move in to transfer that responsibility to states.

Some states have already done it. Other states are still exploring it. But it is to be all implemented by 2016. Maryland is one of the states that has not begun the --- . So this workshop is to kind of share knowledge between states the move to make this transition, and other states that have not.

The costs of the program are supposed to be funded by the federal government so it would be no additional costs to the states. But the states would be handling the field component of the program.

Three major board meetings; One is American eel.

For a number of years now the board has been looking at responding to a stock assessment that showed the American eel population depleted. Some actions have already been taken on silver eels, yellow eels in regard to mesh sizes, which Maryland already had in place, and glass eels, as an interim measure.

This meeting is going to be focusing on potentially establishing a quota for yellow eels and some actions on glass eels, which is largely a fishery up in Maine.

The initial addendum, the draft addendum that came

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forward last fall, was using a very historical timeframe for establishing the baseline for the quotas. And because Maryland's fishery in particular has been growing in recent year, the option is going to put Maryland at a greater disadvantage. We are looking at 50 plus percent reductions.

Myself and John Clark from Delaware have been working with the Atlantic states stock and have come up with some options that we think are, you know, fair to all states, doesn't put any state at a disadvantage.

And I have been working closely with Russell Dize who is on the board who represents Senator Goldman. So, you know, it is unclear as to what will finally be decided but at this point the board is looking for something to take off with public comment. There is always a status quo option but there will also be options to establish a quota based upon different scenarios.

If the board moves that addendum forward, there will be public comment, public hearings this summer. And this is something that is of strong interest to Maryland. Maryland harvests about 55 percent of the coastwide yellow eels right now.

Menhaden: This is the meeting that is largely going to be focused on. A review of last year's performance by the states with implementing the regulatory changes that were required last year, we will expect that there will be a lot of

focus on the by-catch provision from last year and how that has played out.

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We are hopeful that there will be an opportunity to raise the allocation issue that will potentially allow us to re-examine the allocation that goes to the reduction fishery versus the bait fishery in trying to make some arguments to mitigate the impacts that we are experiencing in Maryland with the bait fishery.

I think what we want to avoid is being in a situation where we are releasing dead fish, something that we talked about earlier with the striped bass. So Lynn Fegley is working closely with Bill Goldsborough and Russell Dize preparing for that meeting.

And then lastly striped bass. In response to a stock assessment, management action is being examined by the board. The board -- let me backtrack. The new stock assessment which the board adopted created a new reference point, the new reference point being the spawning stock biomass of females and the coastwide fishing mortality rate.

With that information, it is suggested that some actions were needed to reduce the fishing mortality to the target level. Because of the Chesapeake Bay situation, we have always had this conservation equivalency. The board tasked the Technical Committee to look at developing an O specific reference point for fishing mortality.

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And the idea would be is that there is a fishing mortality target for the coastal population, the larger fish, and the fishing mortality for our bay fishery -- Maryland, Virginia and the Potomac River, which is the summer/fall resident population, mostly males.

The Technical Committee has been working on this.

They have come across some challenges with having the proper analysis and data to make a strong recommendation for a bay-specific reference point.

That said, they are having a conference call again today and they are trying to put forth options for the board to consider understanding the pros and cons of their options and the impacts of not going forward with any data at this point.

There is a lot of momentum building, particularly in New England, to take some strong actions. You know, I am not sure if they are fully justified, something we have been talking closely with, with Virginia and the Potomac River Fisheries Commission.

Something that --- paid a lot of attention to, but we are hopeful that today's Technical Committee call is going to give us some very specific reference points that we can argue for at the board level. We have been managing the bay fishery pretty conservatively and we don't want to be put in the same grouping as the coastal fishery.

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So a lot of it is in flux. There are some rumors going out there as Maryland states try to put forth options. A lot of recreational fishermen along the coast are willing to go to a one-fish creel, from two fish to one fish. This is the coastal, this is the Atlantic ocean fishery. That would potentially lead to a 30 percent reduction, and some folks are obligating that level of reduction on the commercial side. Based upon the stock assessment, I don't think that level of action is warranted. So it is going to be an important meeting for us. It will definitely not be an end point of the discussion, it is really just the beginning. So we want to make sure that there is a full slew of options that include those that are favorable to us in the bay jurisdictions, which will go out for public comment this summer if the board decides to advance something. And we will be having those discussions this summer and final decisions would be planned for implementation in There is still a possibility the board may not act on anything, but I think it is more likely they will be doing something. So we will keep you informed the best we can. MR. RICE: Thank you, Tom. Does anybody have any questions for Tom? (No response)

MR. RICE: Okay. Brenda, could you give us a blue

crab fishery report, please? 1 2 MR. O'CONNELL: While Brenda is getting ready, 3 earlier today around 11:00 a.m., there was a press release 4 that was sent out that was coordinated with Virginia announcing the result of the winter dredge survey. We did 5 have an opportunity to brief some of the stakeholder 6 7 representatives that typically get phone calls like Robert T. So Brenda is going to provide more on the dredge 8 survey results, and then we can talk about next steps. 9 Estuarine and Marine Division Update 10 Blue Crab Fishery Update 11 12 by Brenda Davis, MD DNR Fisheries Service 13 MS. DAVIS: We don't have a lot of good news to 14 share. The good news out of all the crab information we have 15 is that harvest was below the target for the sixth consecutive 16 year. 17 The bad news is that the spawning age females dipped below that 70 million low abundance threshold, which puts us 18 19 into the --- . 20 So the target line, the green line is 215 million 21 crabs, and the low threshold line is 70 million. 2.2 We did have a 78 percent increase in juvenile crabs, the smallest size group of crabs. Unfortunately that was an 23 24 increase from the lowest level in the history of the survey so

it didn't bring us -- although it is an increase, it is not as

big as it sounds for 78 percent. 1 2 (Slide) 3 Total abundance is pretty much where we were last The difference is that last year that abundance was 4 made up mostly of spawning-age females where this year it is 5 made up of mostly juvenile crabs. 6 7 (Slide) So our total abundance again is right around 300 8 million crabs. We also had a decline in age 1 plus males, and 9 10 there has been some talk of reference points for males that we have not hit the mark for that would trigger any sort of 11 12 management action on males in Maryland. 13 (Slide) 14 Not surprising, the low abundance that we had last 15 year, harvest was down in all three of the bay jurisdictions. 16 So in addition to the high variability in the number of crabs 17 that we typically can get out of the recruitment of blue 18 crabs, several other environmental factors weigh heavily or 19 can weigh heavily on the population. 2.0 This year, everybody knows, it was a really long, 21 really cold winter with lots of ice cover. 22 (Slide) 23 So it is not surprising that our --- mortality for 24 mature crabs, which is the size group that gets hit hardest, was 28 percent in Maryland. That is the fourth highest of the 25

1	survey.
2	Do you have any questions about the results of the
3	survey?
4	Questions and Answers
5	MR. YOUNG: So there are 300 million total crabs
6	approximately?
7	MS. DAVIS: Right.
8	MR. YOUNG: And females were 69 how many
9	I mean, that is what we are fishing on, so we would like to
10	know.
11	MS. DAVIS: 29 million.
12	MS. VINCENT: In other fisheries, everything is
13	related and it all essentially depends on each other. Are
14	other stock assessments done on different kinds of
15	fish predators, things like that, and then correlated with
16	this data to try and find some kind of association between
17	increased predator levels and decreased catch?
18	Is any of that information taken and put together?
19	Do you need to test causation, things like that? Do we take a
20	chance to look at any of that stuff?
21	MS. DAVIS: There is some work being done on
22	ecosystem-based management so if you want to take the
23	something like striped bass and crabs, I mean over the years
24	there has been quite a bit of work to try to see if there is a
2.5	connection between the two. And we have not been able to come

1 up with a significant relationships between the numbers of 2 striped bass and the number of crabs.

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I have stacks of studies on stomach contents, you know, for striped bass, and those studies continue to go on, and what it basically shows is that striped bass are opportunistic feeders, and if they happen to be where there is a bunch of little crabs, they will probably eat them.

But when you take the striped bass population as a whole, then the impact is relatively low. We think it is probably not the thing that changes --

MS. VINCENT: I know we have so many different kinds of information that the way they are studying it, if it showed any different kinds of causal effects based on different species or anything like that. I just wasn't sure how we are applying the numbers and the research.

MS. DAVIS: It is an incredibly complicated system. There are just thousands of potential variables that, you know, it could be. With blue crabs, the biggest --- the whole larvae life cycle. That takes in the ocean. It wouldn't take a huge change in wind or the water currents to change what we get back into the bay. And that is one of the reasons that recruitment is just incredibly variable.

So by keeping that harvest at that safe level, somewhere around that 25 1/2 percent, we can't guarantee there is going to always be a good, sustainable population of crabs

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but what we do is we increase our probability that when we get
    down, we don't stay there for a bunch of years like we did for
    that 10-year period from, say, '98 to 2008. We just got down
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    and we couldn't get it up.
              So we are looking at improving our odds that we
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    don't stay down for a long time.
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              MR. MARTIN: I just want to know what part of this
    study is coastal?
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              MS. DAVIS: --- are not included in the stock
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    assessment for the survey.
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              MR. RICE: So it would be Maryland, PRFC and
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    Virginia?
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              MS. DAVIS: Right. So it is cumulative stations
    baywide and all through the jurisdictions.
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              MR. BROWN: The last six years we stayed below our
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    target. So that shows the plan we have, we have
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    essentially stayed at -- we did what we intended to do by
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    staying in that area, correct?
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              MS. DAVIS: Correct.
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              MR. BROWN: So I mean since we did that in 2012 and
    we haven't had --
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              MS. DAVIS: Predators habitat, weather conditions,
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    you know, dams -- there are a multitude of factors.
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    Cannibalism.
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              MR. YOUNG: This age zero abundance, is that just
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Τ	the juveniles?
2	MS. DAVIS: Right.
3	MS. FEGLEY: This all seems so simple but it is a
4	little more complicated than maybe we would like it to be.
5	This graph shows the abundance of juvenile crabs. In order to
6	calculate the exploitation function; that is, the number of
7	crabs that are removed from the population, that is your
8	figure one, then it is really simple math.
9	That graph is actually the number of crabs harvested
10	in 2013 divided by the number of crabs we estimate to be in
11	the bay.
12	In that calculation, we need to scale up the number
13	of juvenile crabs by a factor of about 60 percent. And this
14	is because we assume that the dredge survey is underestimating
15	the number of juvenile crabs. And the reference points that
16	are calculated out of the new stock assessment model include a
17	calculation with that scale-up assumption.
18	So in order to line up the exploitation fraction
19	with the reference points, we have to use the scale-up. So
20	this graph shows the juvenile calculation with that scale-up.
21	Arguably we probably should have put the
22	noncorrected juvenile abundance in here because the 300
23	million, that is the straight estimate out of the dredge.
24	So it gets a little confusing because then when you

talk about abundance, we like to just talk about what we get

out of the dredge survey. That is straight calculation. 1 then because we have the stock assessment that includes the 3 scale-up, at some point we need to incorporate that in our 4 juveniles. MR. YOUNG: I am doing some quick math here, and I 5 don't profess to be a mathematician, but if there are 69 6 7 million --- females and there is 29 million males, that is 98 million crabs that are adult total. Take that from your 300 8 million, there are 202 million unaccounted for. So are they 9 10 all juveniles, 202 million juveniles? 11 Plus scaling them up because you think that the 12 dredge survey underestimates, so are there 300 million 1.3 juveniles? The uncorrected number of crabs is 14 MS. FEGLEY: 15 about 300 million and I would actually have to go back -- if 16 you give me a minute I can give you the numbers corrected and 17 uncorrected. 18 MR. YOUNG: I am just wondering if you have 19 something we might be able to fish on toward the end of the 2.0 year because 29 million males is nothing to fish on. 21 And I wonder why it takes until May to get this 22 information when three weeks ago I could have saved myself 23 almost \$2,000 by not buying pots and building pots and rushing 24 around paying help because this is devastating. How are we 25 going to fish with 29 million crabs?

MR. WILSON: Years ago you would have put your whole 1 2 life savings into all these little crabs because they are 3 going to come to a million and they never showed up. 4 (Simultaneous conversation) MR. YOUNG: You will never convince me that the 5 disappearance of all those juvenile crabs in the summer of 6 7 2012 didn't have something to do with some kind of crap moving 8 down the bay. The razor clams, we had a drop-off in those that same year didn't we, Moochie? 9 10 MR. GILMER: 11 MR. YOUNG: Yes. And there was something that was 12 put in that bottom that was brought down from upstate New York 1.3 or God knows where -- maybe, because I know for a fact you 14 know that spray spider killer? If you spray that in the roof 15 of your --- , it kills everything in that tank. So if there 16 was a spider killer plant up there in New York that got 17 flooded and all that washed into the Susquehanna and came down 18 the bay and went in here, our crabs are done. 19 And that is what I think -- something, I don't know 2.0 what, but something was deposited and then the water 21 temperature got to a certain level in mid-July, everything 22 just disappeared, all the little crabs. 23 MR. RICE: Bill, you had something? 2.4 MR. GOLDSBOROUGH: On Richard's earlier point, one

of the things you can do is look up the survey from a year

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ago, what the number of juveniles were, and have some idea of what your fishing is going to look like even though you haven't gotten this year's survey yet.

Because, you know, you can look at that and if it was terrible a year ago -- we knew that --- year class was coming through. If that is helpful.

MS. FEGLEY: And I would just like to say too that 25 or so years of this survey, with the exception of 2012, which was a really big anomaly, we had been able to predict the upcoming harvest pretty accurately based on the number of crabs that we estimate --- .

In other words, we had been able to get really close. So I think, in terms of your concern, we have gotten our juveniles out there. There is not a lot of them but, you know, they are coming in. Remember, half those juveniles are males, and depending on what the temperature does, how fast they grow, they are going to recruit into the fishery, looking at what the weather is doing now, maybe in September.

If it keeps up, you will get them in August.

Probably not in July. But, you know, this is annual recruitment during the fishery so that little uptick there is what is coming in. That low number of male, that is your adult male crabs. So those are the ones you are starting on now but recognize you have got this slug coming in later on.

MR. YOUNG: That is the only saving grace.

MS. FEGLEY: That is the only saving grace. 1 that is it. 3 Sometimes you just got to ask yourself, do I feel lucky? 4 MR. YOUNG: Well, all this rain is going to keep the 5 salinity hopefully down in the bay and those red drum won't 6 7 come up here and suck up all those baby crabs. I know we are going to talk about predation in a little bit, Lynn? We may 8 be talking about striped bass but I would like to stick my 9 nose in there with red drum. 10 11 MR. RICE: Well, with that being said, Tom, can you 12 kind of brief us on what possibly might be the reaction to 1.3 these numbers that were released this morning? 14 MR. O'CONNELL: Sure. So over the past week we have 15 been communicating with our bay partners, the Virginia Marine 16 Resources Commission and the Potomac River Marine Commission. 17 And I do believe it was Robert T. who said we are fishing at 18 safe levels, and we have been doing that for six years. 19 Unfortunately there have been some environmental 2.0 factors that seem to be, you know, causing us some problems, 21 and we are hoping that, you know, over a long term these drops would be short in duration. 22 23 So what do we do? We have a depleted adult female 24 population. And the Maryland, Virginia and Potomac River

Fisheries Commission feel that we need to take some action so

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that we get that spawning adult population above that
threshold next year.

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And we also have to take some actions to protect the, you know, the increase in juveniles so that next year's spawners get us better odds of getting a good spawn next year. So it is looking like a two-pronged approach that is targeting a minimum 10 percent reduction. And the fish stock would be to look at what protective measures can the three jurisdictions do on the current spawning females?

Unfortunately or fortunately, the majority of those adult females are in Virginia right now. And Virginia's rule-making process will not allow them to implement measures until late June at the earliest, more likely July.

And that is toward the tail end of spawning. We can take some actions but we don't have a lot of females in Maryland, just like the Potomac River Fisheries Commission. But the three jurisdictions have agreed to take some coordinated action to do what we can to protect the current spawning population to increase the odds of a better spawn, you know, this year.

We have no opportunity to look at protecting the juveniles. If we could get a bump up in juveniles but still at a low level. So the three jurisdictions are looking to take actions from this fall through next spring to add some further protection on those juveniles that will be next year's

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adults and spawning next summer.

So one thing I can tell you based upon some earlier conversations is, you know, how serious is Virginia about doing something. We have got a strong partnership with them, and I can tell you that based upon communications last week and between the Secretaries, Virginia is very concerned about the depleted stock status and is looking to take aggressive action this year.

And they are getting some industry support to possibly even go above 10 percent. That is not something that we are looking at doing in Maryland but Virginia may be looking at taking further actions.

And where the three jurisdictions are, is we have agreed to look at taking -- achieving a 10 percent reduction. The next step is to meet with out blue crab advisory bodies to figure out what is the best means of doing that.

But just to share with you some of the preliminary ideas among the three jurisdictions, Virginia feels like in regard to putting some protection on the current spawning adults, they are considering lowering the bushel limits for what they call a mid-summer slowdown period.

So they would be looking at lowering the bushel limits this summer. Then what they would be looking at doing is changing their fall seasonal closure period -- their season closes November 30th. Ours closes November 10th.

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They are looking at proposing to their commission bringing that all the way back to November 15th. And then looking at in the spring, their season opens March 17 right now, March 15 or March 17, 17th. Our season opens April 1. They are looking at delaying the start of that season from March 17 to some later date undetermined at this point in time.

The Potomac River Fisheries Commission hasn't had a chance to talk to their advisory body but they are looking at possibly changing their fall season closure date from November 30 back to perhaps when Maryland is, November 10, or Virginia, if they change theirs, November 15.

They also do a rolling closure period in the fall, and there maybe opportunities to extend those closure periods to achieve some reduction.

So what do we do in Maryland? You know, our framework has been, you know, bushel limits. Bushel limits are already at a very low level. Lowering them further may jeopardize the economic viability of some. We had a couple years ago that summer closure period. And that caused a lot of market disruptions so I don't think that is something that the industry would support.

But again we haven't had these discussions. The one new idea that staff has come up with, and again is something to talk about with you and the crab advisory body, is possibly

1 looking at a vessel cap where two individuals are working
2 together.

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And the idea is that right now when two guys work together, the limit is additive of their individual limits.

Because it follows that potentially the operating costs are lower -- they are sharing fuel, they are sharing crew -- they may be in a better position to absorb some decrease versus an individual crabber.

The one thing that I don't want to do is set a limit that drives everybody to get on separate boats. But that is, you know, one current thought but what we are looking at doing is getting the Blue Crab Advisory Committee together here in the coming month of May, develop some options and keep a close eye on what Virginia is going to be -- what is going to be coming out of the Virginia Marine Resources Commission meeting later this month.

Their process is they gave their commission -- they will identify actions and then they will go to a public hearing in June for their state to make the final decision.

So after the May commission meeting in Virginia, we will have a good sense of what Virginia is considering at least.

We have talked with a few earlier -- well, why 10 percent? You know, it is difficult. We are already at safe fishing levels. What we are looking at doing is trying to increase our odds that we are not going to be in this

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situation next year.

We are going to get a decent spawn this year and if not build up the spawning population for next summer. So that is what we are looking at doing right now. The Chesapeake Bay Stock Assessment Committee, they have reviewed this information, a subcommittee of them I should say, and their preliminary advice is to not relax, be risk averse, to express concern over the depleted stock status.

They didn't give a percentage but they will be having some further discussions as they put together their full report, which is due later this summer. And based upon that full report, when they provide some more information for the jurisdictions to examine as we try to put together our plans for this year.

Not the greatest news but, you know, we are hopeful that the Maryland framework is solid and that this two years of low abundance is going to be short-lived. And if not we may have to be looking at, you know, a different management form but we are looking at how we are going to have to deal with this because none of us want to stay at these low levels of abundance.

MR. RICE: Thank you, Tom, for your insight. Does anybody have a question for Tom? John?

MR. MARTIN: So you talked about the three. How does it affect -- there are quite a few local blue crabbers

1	down there. So does coastal does the stock match what
2	happens in the bay or is it all different?
3	MR. O'CONNELL: We have a got a lot less
4	information. We don't have these formal stock assessments in
5	the coastal bays. Right now we are not looking at any changes
6	through the coastal bay's fishery. This is specifically
7	Chesapeake Bay. I don't know if Lynn or Brenda have any
8	insights on what the status is.
9	MS. FEGLEY: It is effective stock out there so, you
10	know there has actually been some genetic work that shows
11	it is a separate animal. Not a separate animal but just a
12	different fishery completely. And it seems to vary basically
13	with that trend over time. So it is a different FMP.
14	MR. MARTIN: Do you have anything, charts on it?
15	MS. FEGLEY: We can certainly provide that. We keep
16	track on harvest out there.
17	MR. RICE: Can you give us your report?
18	MS. FEGLEY: On electronic reporting?
19	MR. RICE: Yes.
20	MS. FEGLEY: Yes, I can.
21	Electronic Reporting Updates
22	by Lynn Fegley, MD DNR Fisheries Service
23	MS. FEGLEY: We have what used to be requests for
24	proposals for a new state-of-the-art electronic reporting
25	system for our commercial fisheries. This will be basically

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something that will look a lot like the blue crab pilot system for every single fishing fleet including aquaculture, and the coastal fleets will be included in that as well.

It will have the capability for hailing. Also we have put a lot of effort within the RFP to address the issue with striped bass, of quotas and quota transfers. It will actually provide a platform by which transfers can come virtually in real time for that fishery to help address some of these issues that we have.

I think that Noreen is going to send you all a link so that you can get -- the RFP is posted on e-Maryland marketplace. She will send you a link. You can get out there, you can look at it. The dates close on May 5. That is Monday. So essentially Monday we will get proposals from a number of companies who will essentially give us a cost estimate for this.

So it is a competitive bidding process that we are going through. It is our hope that goes smoothly. It has been a very complex and difficult procurement process so we really have our fingers crossed that we are going to get through the final week without any hitches.

So we will be reviewing the RFPs over the latter half of May, starting basically May 6 --- and then the selection. And if all goes smoothly, knock on wood, it is our hope that we will have a vendor chosen and selected and on

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site working. Our projected start date is July 1.

So in the next couple weeks as we see how this

vendor selection process is, we are going to be getting in

touch with you, with people in the industry, to start giving

them a heads up that this is coming. One of the things in the

RFP are some -- we call them sessions to talk about specifics

of the system.

So we want to definitely make sure we have the

So we want to definitely make sure we have the chance to get input from the industry on how the system is working, so just heads up. It is going to be a big adjustment. Eventually it will mean the end of paper, which is a great thing, I think. It will help us with a lot of our issues and bring us really into the modern age. I hope it will be a good thing for everybody.

I think it is not only a good tool for us but it should be a really good tool for you guys too in the industry.

MR. RICE: Okay, thank you, Lynn. Lead us into your striped bass predation report, please.

## Striped Bass Predation

## by Lynn Fegley, MD DNR Fisheries Service

MS. FEGLEY: Sure. I am going to preface -- this was a request from this group months go, maybe at the end of 2013.

And I am just going to preface that we have staff who are doing quite at bit of work on this. It is involving

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Jim Uphoff and his group. They have been working on not just striped bass and blue crabs but again like Brenda said trying to bring in -- understand relationships between the different species in the bay.

And, you know, it is an incredibly data intensive and complicated process. Everybody knows what a food web looks like, and it is not the just the things that eat blue crabs but it is the things that blue crabs eat too. And when you put it all ---, a bunch of things follow from somewhere else and not all the cause and effects are known or necessarily predictable.

So, you know, just to focus on striped bass and blue crabs is -- you know, it is an interesting question but it certainly doesn't lead us to any particular cause and effect. So what we did here, this was really based primarily on Jim's work.

And what we know is that A, striped bass do eat crabs, and sometimes they eat a lot of crabs. And they are opportunistic feeders so that when there is a lot -- years when there are a lot juvenile blue crabs in the bay, we will have more juvenile blue crabs in striped bass stomachs. It kinds of makes sense.

(Slide)

So these graphs on the left, those bar graphs, are essentially showing in different years for two different size

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classes of striped bass what the number of -- I am sorry, it is Tab 8. This is a handout from the last meeting. Sorry about that.

So, you know, they are showing the items consumed per bass, and these are particularly in October and November for a bunch of years. I did get the question earlier, how many fish are sampled? The data that is --- striped bass that were sampled by Jim --- , and he does stomach analyses on anywhere between at the low end probably 600 and the high end over 1,000 fish.

And what that shows is, particularly the bottom graph, it shows that the larger striped bass in the fall -- well, you see it on both graphs but blue crabs are the light blue, the very light blue. And 2011 was the year we had a lot of young crabs in the bay and we have a high proportion of young crabs in the stomach.

And actually one of the things that he did, which was kind of interesting, is he said, well, look, we are sampling these striped bass in the fall, and before you guys have a winter dredge survey and it looks like we can actually predict how many juveniles will be in your winter dredge survey by looking at striped bass stomachs, which is kind of interesting, and we --- a few years to show that.

So the bottom line is what we see is they are opportunistic. In terms of relationship, this graph on the --

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I am going to start, if you look at the graphs, there are two other graphs. There is the graph at the bottom that is a line graph. And then there is this little graph that is a bunch of dots with a line through it.

Those are exactly the same data plotted two different ways. So this line graph shows -- you have got your year along the X axis and then what we did is we just plugged in the, this red line is total crab abundance and that is coming out of the winter dredge survey.

And then what we did is we took the estimate of abundance of striped bass ages 3 to 8 that are presumed to be the resident fish in Chesapeake Bay as sort of a proxy for what might be in the bay. Now that doesn't mean you have got age 3, every single age 3 to age 8 fish in the bay at one time. There is also these fish that are certainly in the Hudson River and in other areas.

But it gives you an idea of the flux in the striped bass population compared to the flux in the blue crab population. It is plotted in two different ways because if you look at this graph you say, oh, yeah, you have striped bass going up. And look at that, you have blue crabs coming down. Here they are meeting up together, but what you really see is not much of a relationship.

And when you look here, here is striped bass going down. They seem to be going down together with blue crabs.

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And then they kind of go up together, then they kind of go down together and now they are up. So one of the things we wanted to do when we look at these kind of data is take the time series out of it and just plot the two against each other so that you see a true relationship.

So now you have this axis, a number of striped bass going this way. So here are no striped bass. Here are lots and lots of striped bass. Here are no crabs and here are lots of crabs. So if there was a perfect relationship, when you would have very few striped bass, you would have lots of blue crabs and you would get this beautiful line going down.

MS. VINCENT: How do they go about collecting their samples in order to come up with these figures?

MS. FEGLEY: That is a really good question. And these numbers are actually produced by the coastwide stock assessment for striped bass. So these are actually model-driven estimates of abundance.

And they are not even specifically for the Chesapeake Bay. It is really for on the Atlantic Coast all the striped bass in that 3 to 8 age group. So like I said, it is really just to give a general idea about how that striped bass population is fluctuating through time.

And so what we see at the end of the day, when we plot these two against each other, is that there is really -- there is just no co-relationship. So what does that

give us? At the end of the day we still know that striped bass eat crabs. And sometimes they eat a lot of crabs.

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But I don't think that at this point in time there is any evidence to point to striped bass influencing the blue crab population to the point where it is compromising the blue crab population or compromising the fishery itself.

Now when you combine the really big striped bass year class, the 2011 year class that was so big there were lots of young striped bass running around with things like red drum and things like blue catfish and things like loss of habitat for blue crab to shelter in and hide, like sea grass.

When you incorporate a lower abundance of things that blue crabs like to forage on, the benthic invertebrates, you know, the dead zones are getting bigger and larger and lasting longer and that kills the invertebrates that the crabs like to feed on.

So the crabs have to focus into smaller areas to find forage so, you know, it is this big web. I would never want to be one to say, oh yeah, you know, striped bass never eat crabs. That is not so. They do but what do we do with that information? I think that is sort of the question.

And there is also the question of if have any number of red drum and you have striped bass and you have blue catfish, the next question for management is, if you really think there is an impact, how many striped bass do we have to

get rid of to markedly change our blue crab abundance?

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And if we do that, then what else are we influencing that might be a consequence of that? So, you know, these are also these bigger questions, and with that I guess I will give it up and let you guys ask questions.

## Questions and Answers

MR. WILSON: In saying that, I think you might have answered a question because there is really only a small picture over time, even if you are only looking at ---. But you look at the biggest picture. When the striped bass got so low that we put a moratorium on it, we had the highest abundance of crabs at that time. A lot of fish were scarce at that time.

And they have done a lot more to bring all kinds of fish back, and we are having the most trouble with the crabs, when you look at it from the big picture.

MS. VINCENT: Are there any studies that been done with the information from the early '90s when -- have we done any cause and effect or any kind of graphing on those particular dates and not just recently?

MS. FEGLEY: I actually did dig up a study that was done -- we had the same interest from the same group actually, from industry in the early '90s and there was a study that the assistant secretary did to look at the relationship between striped bass and blue crabs.

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And they didn't find any. But I tell you that before -- this graph goes back, this gradation goes back to 1990, which was the year we opened the striped bass fishery up again, and the reason we started there was because that was when we have blue crab data, that is when the dredge survey started. We don't have this really nice estimate of abundance for crabs going back further. We could do some analyses that would get us there. It wouldn't be -- you are stepping a little bit further away from reality each time you sort of do these gyrations. MS. VINCENT: But are you really producing anything If your data is not good, I mean -anyhow? MS. FEGLEY: I am not sure it would provide any clarity for us. I just don't know that it would. MR. YOUNG: I want to talk about red drum. mentioned a couple of times in conjunction with blue crabs and striped bass. Has it been just recently that there has been a fair amount of red drum in Maryland, in the Chesapeake Bay? Or have they always been around the Potomac and the lower Eastern Shore? In my area, in 2012, when we got that large influx of crabs, the small crabs, I was catching red drum in

my crab pots like I had never seen before. And so I am just

wondering if this is something new to Maryland or is it a

result of maybe global warming or, you know --1 2 MS. FEGLEY: Yes, again, I mean, I think it is a 3 result of a lot of circumstances merging together. One is there was a really good spawn of red drum that produced those 4 5 red drum that came up into the bay. We had really high salinities that year that allowed them to come up further than 6 7 they usually do. 8 And probably some climate change influencing it as So what -- the red drum stock was pretty depressed for 9 well. 10 a while. So we are seeing them. We are now starting to get 11 these big spawns, and that one year class just happened to 12 travel through the bay because the conditions were right for 1.3 them to be here. 14 MR. YOUNG: My point is, you know, we have the blue catfish, which is an invasive species. What are the chances 15 16 that red drum in Maryland is an invasive species? I know they 17 are protected down south, and I know there is a big push with 18 the CCA not to protect the red drum but the red drum don't 19 belong here. 2.0 They are an invasive species. If they haven't 21 historically been here in large numbers -- and they are crab 22 eaters. They are crab-eating machines. 23 I know down our way we have seen other MR. WILSON: 24 years -- I do remember other years when we did have them.

They didn't go maybe up in the bay as far as you are but we

did have them.

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Certain summers, we had a big amount of red drum but it didn't seem like you ever had them -- next summer, all of sudden, the same drum come back and they were bigger and bigger and bigger. It seems like you just had one year when you had a lot of little red drum, and then the next year you don't -- you see a few , but they kind of just died back up.

MR. YOUNG: I think the red drum are a bigger predation problem to crabs, when they are here, they are a bigger predation problem to crabs than the striped bass.

MR. GOLDSBOROUGH: I would bring up catfish, so Richard and I are probably on the same wavelength. That really is invasive. I mean, it is nonnative. It is nonnative and it is invasive and they grow up to be over 100 pounds and they are here all year round. And it is not just the year that the conditions are just right that we get a bunch of them.

And so that is a problem everybody ought to focus on, and the department is focused on, and I love the stuff Steve is doing about, you know, finding a market for them and stuff, giving you all something else to fish on. They are an additional predator, additional predation, over what the system has naturally had.

The system has naturally had occasional red drum, you know, an occasional good rockfish year class. But it has

never had this vacuum cleaner from the Mississippi River basin 1 2 like it has got now. We ought to do what we can to keep their 3 number down for the sake of red drum, shad, herring. They are eating them up. They are eating menhaden. You know, they are 4 bad news. 5 6 MR. O'CONNELL: We do have a red drum fishery 7 management plan, and in that fishery management plan, it does have historical perspective of recreational landing of red 8 drum for Maryland and Virginia. And just looking at it rather 9 10 quickly, it seems like every 10 years we get that little 11 influx. 12 From '98 to 2001 we had a spike. We had one in 1991 1.3 and 1983. It seems like every now and then we just -- I can 14 forward that to you, Richard, if you want to just look at it. 15 MR. YOUNG: Along these some lines, if we can't get 16 them designated maybe as an invasive species, maybe we can 17 think about the possibility of pushing the Atlantic states to 18 allow us a small commercial fishery. 19 MS. DEAN: Tom, what were those dates again? 2.0 MR. O'CONNELL: '98, '99, 2000, and then 1991. 2.1 MS. FEGLEY: Ah ha, look at that. 22 MR. O'CONNELL: That is commercial. Let's look at 23 the recreational. We see like 2002 and 1991/2000, so overall 24 late '90s early 2000 period they must have been somewhere 25 around.

MS. FEGLEY: It might correlate with salinity too. 1 2 MR. RICE: Anybody have anything else? 3 MR. SIELING: On the electronic reporting that you were talking about, that is going to include all finfish 4 species, correct? I mean, menhaden, striped bass -- on the 5 menhaden, that is going to go into effect this year? 6 7 MS. FEGLEY: Yes, I don't think menhaden will go into effect this first year, so I will say that the other way 8 the RFP is structured is that striped bass fleet is the first 9 10 priority to get up and running. 11 And we are hoping to put the striped bass fleet on a 12 pilot of the program in the fall, mid-fall, and let it run 1.3 through the end of the pound net/hook-and-line season, and 14 then let the gill netters try using it in their season to see 15 how it works. 16 So striped bass is going to come on line first, and 17 then everybody else, but we did offer flexibility in the RFP that if the vendor feels like there is another order that they 18 19 can do or, you know, and still meet our goal, that it doesn't 2.0 have to happen sequentially like that. 21 Hopefully the whole system should be built by the 22 end of 2015, and then everybody -- it is not our intention to 23 throw a switch and suddenly everybody has to automatically

start using it. But it is our hope that the system will be

fully available to anybody, and that includes all finfish,

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shellfish, oysters, crabs, charter boat fleet, coastal 1 fisheries, can start using it in that 2015 year. 3 And we will be working really hard at that point with people trying to roll it out and get people comfortable 4 5 with it. And just do a road show and start to build it up so people are comfortable using it. 6 7 So what it will do is it should be a really nice platform where a fisherman out there no longer has to fill out 8 one form for crabs and one form for oysters and one form 9 10 for -- they will all be one thing. 11 MR. SIELING: There will still be a weekly report? 12 MS. FEGLEY: So for this year, pound netters, 1.3 and --- catch over 90 percent of the harvest, we are asking 14 them to report daily. It is not a hail. We just ask them 15 that when they harvest menhaden, they get online and e-mail 16 their harvest or they text it to us. 17 So they are still on that sort of primitive system. 18 And they still have to file paper reports. 19 MR. SIELING: So the quota that they have for this 2.0 year, is -- will you be able to more finely manage that as far 2.1 as when the quota period will end? 22 MS. FEGLEY: If we get the compliance -- we have got 23 to get that compliance for that to work. 2.4 MR. SIELING: Are there some other things that are

just going to be just a one by-catch allowance per boat, not a

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two by-catch allowance per boat even though it may be licensed
captains on the boat?

MS. FEGLEY: It is 6,000 pounds per vessel per day. There is no more double allowance. The commission would not allow it. It is 6,000 pounds.

MR. RICE: Okay, Tom, do you have something to tell us about the habitat workgroup and we will kind of wrap it up for today?

MR. O'CONNELL: Sure. This is pretty exciting. A couple of meetings ago we talked about the formation of a Fisheries Habitat Workgroup. This is a common ground area for all of our advisories. And so we worked to get representation from sport fish, tidal fish, our aquaculture group, our oyster commission as well as our coastal fishery advisory committee.

And we had a first meeting a couple weeks ago. It was kind of a get to know each other, kind of discuss what the roles are going to be, and we went around the table, very diverse group of people, and it was very exciting to hear the level of passion and the level of common ground on trying to find a way to address habitat issues that address fisheries.

And you know, our role, we feel, is providing the science on the matter. But a lot of these decisions are being made at the local level, and local government is going to be listening to people like you more than the state and federal government.

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So it is a great partnership opportunity to --- and hopefully be more successful with dealing with some of these big issues like land use. And there was an issue that was sent to you about the Charles County septic tier plant that would have had some substantial impacts, in which many constituents have been voicing their concerns in the Charles County --- .

And they decided to change their plans, and now that area is going to be protected. It is just a good example when people come together and voice their concerns at the local level. And we are really excited about this Fisheries Habitat Workgroup. We have seven members from this body and we will keep you informed as it goes forward.

They are probably going to be meeting monthly for a while just to kind of get their legs underneath them and hopefully you will be hearing more about them.

It is something that if they are successful, will improve the capacity of the bay to hold fish and that is going to benefit all users, whether you are commercial, recreational, charter or just conservation interests. So I appreciate those who have signed up for that group.

MR. RICE: Thank you, Tom. Who from this group is serving on that?

MR. O'CONNELL: Robert T. is, I think you are supposed to be --

MR. RICE: I am? 1 2 MR. O'CONNELL: I think we have like three or four 3 I don't have the names in front of me. So we can circulate that in the summary so everybody knows who is on it. 4 5 And it is open. 6 MR. RICE: All right. Well, it sounds like I missed 7 the first meeting but I will be at the next one. Can't use 8 that excuse anymore. Does anybody else have anything to bring before the board? 10 MR. JETTON: It is kind of a procedural thing that maybe Tom and Gina can look into. And it is the commission 11 12 attendance policy is 50 percent, right? 1.3 MR. O'CONNNELL: 75 percent. 14 MR. JETTON: 75 percent. That goes back to when we 15 were having 8 meetings a year if I remember, right? And the 16 problem is now with 4 meetings a year -- it is just like 17 Richard had to work tonight. If he misses one day, he's 18 getting close already. He is getting close to having the 19 commission come up for review. 2.0 And I was just wondering if maybe we can look at 21 down the road, maybe extending that or easing that up a little 22 bit because every one of us here has a proxy that is as 23 capable if not more capable than some of us. You know, when 2.4 someone like Richard has a chance to make a dime, he needs to

go make it. And most of us are self-employed, so that is

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tough.

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I am not looking for any long discussion or a motion, I am just thinking we changed our number of meetings and didn't change some of the ratios that went along with it, and that is all.

MR. RICE: Tom?

MR. O'CONNELL: Yes, the appointments office does have a 75 percent policy and it is standard for all bodies whether you meet a couple times a year or 8 times a year.

That 75 percent is basically missing two meetings.

But the department does have the ability to request a waiver and, you know, we have a good sense of those members who are committed and not committed, and we have dealt with this before so as long as you stay in touch with us -- and it is great if you can send a proxy. That means that we are really trying to have someone there.

But people who are just not showing up, the proxies are not showing up, we call them to try to understand what the problem is and, you know, a lot of times we hear that they just don't have the time, and they will just move forward.

MR. JETTON: We have new members here too, and four meetings, it doesn't take much. And I have got young kids.

MR. DAWSON: Last summer when we reapplied for a license and I got the TFL discount from a retail store, anyway for the business license and if you have a TFL, they reduce

the fee. 1 2 And ever since they applied that, I have only gotten like two of the monthly reports that we used to get every month that we had to fill out our purchases on. I just don't 4 5 get them anymore. 6 MR. O'CONNELL: The dealer report? 7 MR. DAWSON: Yes, the dealer report. 8 MR. O'CONNELL: Can you look into that? 9 MS. HUNT: Yes. I just want to clarify, you aren't 10 one of the ones who said you were only going to sell your 11 catch, were you? 12 MR. 1.3 MS. HUNT: No, I meant after that. So if you went 14 in and bought a dealer's license as a harvester, you bought 15 that for the purposes of being able to sell to someone who is 16 not a dealer. So that is the reason you would buy it. 17 So if you are a harvester and you are always going 18 to sell to a dealer, you don't need it. But if you are going 19 to sell to restaurants or people who are not dealers, then you need to be a dealer, even if you are only selling your own 2.0 2.1 catch. What we did was after we had all the folks do 22 23 license renewals and --- , end of the year before we send out 24 reports, we send a letter out to all those discounted folks

who got that letter that said, did you only get this to sell

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your own catch? 1 2 Because if all you are ever going to sell to someone 3 outside of a dealer is your own catch, then sign this here, send it back to us and we will get you your harvester 4 reference. We will not look for a dealer report from you. 5 We won't send you a dealer report. We are only going to ask 6 7 for -- we are going to go by what we set as harvest. 8 However, if you want to sell your buddy's, your friend's and your next door neighbor's catch too, now you are 9 10 a dealer and you have to fill out a dealer report. So I just 11 wanted to make sure you didn't waive yourself out. MR. 12 I don't know. 1.3 MS. HUNT: Well, then we will look into this. MR. DAWSON: --- . Check into it. Another waterman 14 15 got the same discount and he had the same thing. 16 crabs, and he had the same thing happen that I did. 17 MS. HUNT: I just want -- we just don't send 18 reports other than one piece of paper. 19 MR. DAWSON: --- . 2.0 MS. HUNT: Right, and then you make copies. 2.1 MR. O'CONNELL: So Dale, we will look into it and 22 follow back up with you. And then if you can either relay 23 that to the other guy, he can follow up to make sure he is 2.4 getting what he needs too. 25 MR. RICE: Thank you. Looks like we are right on

time. Seeing that we don't have any further business, we stand adjourned. (Whereupon, the meeting adjourned at 5:00 p.m.)