|  | 2 3 4 4 5 6 7 7 8 9 9 10 11 12 13 14 15 15 16 17 18 19 19 | PROCEEDINGS <br> SPECIAL MASTER LANCASTER: Good morning, counsel. <br> MR. ALLEN: Good morning. <br> MR. PERRY: Good morning, your Honor. <br> SPECIAL MASTER LANCASTER: Predictably, the weatherman was wrong when he said we were going to get heavy snow and rain over the weekend. So I hope you were able to get out, get a good dinner, get relaxed, and you're ready to roll. <br> MR. PERRY: We're ready. <br> SPECIAL MASTER LANCASTER: Okay. <br> MR. PERRY: Yes, your Honor. And on that note, I would like to provide the Court with an anticipated schedule for this week, naming the witnesses we hope to be able to cover. And I'm going to read a list of individuals now, if I might. <br> SPECIAL MASTER LANCASTER: Please. <br> MR. PERRY: And I'm going to predict, probably incorrectly, which day each may appear. Of course, we don't have perfect control over the timing. But today, your Honor, I believe we're going to have Major THE REPORTING GROUP |
| :---: | :---: | :---: |
| INDEX 1063 |  | 1065 |
| $l$ Direct Cross Redirect Recross <br> Robert Beaton 1066 1067 1139 1181 <br> P. Eric Sutton 1185 1186   <br> EXHIBITS | 2 3 4 5 6 | Rob Beaton from the Florida Fish and Wildife Conservation Commission as well as Mr. Eric Sutton from that same agency. <br> Tomorrow, Tuesday, we hope to have <br> Dr. Greenblatt, an expert on bay issues and a water resources engineer, along with <br> Dr. Kimbro, an ecologist who did a lengthy |
| Number Page Referenced | 8 | study of Apalachicola Bay, and Dr. White. |
| $\begin{array}{ll}\text { JX-56 } & 1102 \\ J X-67 & 1101\end{array}$ | 9 | On Wednesday we hope to have Mr. Tommy |
| $\begin{array}{ll}\mathrm{JX}-77 & 1230,1313 \\ \mathrm{JX}-81 & 1234\end{array}$ | 10 | W ard here. He expects to be here. He's a |
| JX-98  <br> JX-99 1257 <br> ClO 1260 | 11 | lifelong resident of Apalachicola Bay and an |
| $\begin{array}{ll}\mathrm{JX}-100 & 1107,1170 \\ \mathrm{JX}-134 & 1136\end{array}$ | 12 | oyster dealer. As well as Dr. Pat Glibert, |
| JX-151 1163 | 13 | who is an estuarine ecologist |
| GX-105 1072 | 14 | Now, we're not sure how long all those |
| $\begin{array}{ll}\text { GX-302 } & 1113,1142 \\ \text { GX-331 } & 1116\end{array}$ | 15 | witnesses will take. Of course, we'll see. |
| GX-334 $\quad 1119$ | 16 | But our current plan is on Thursday to start |
| $\begin{array}{ll}\text { GX-339 } & 1125,1144 \\ \text { GX-341 } & 1315\end{array}$ | 17 | with Dr. Hornberger, who is one of our team |
| $\begin{array}{ll}\text { GX-344 } & 1127 \\ G X-426 & 1220\end{array}$ | 18 | of hydrologists, your Honor. |
| GX-449 1152 |  |  |
| $\begin{array}{ll}\text { GX-458 } & 1316 \\ \mathrm{GX}-465 & 1818\end{array}$ | 19 | And we worked to accommodate some |
| GX-497 1320 | 20 | scheduling issues that Georgia counsel had, |
| $\begin{array}{ll}\text { GX-559 } & 1284 \\ G X-589 & 1294\end{array}$ | 21 | so we hope that schedule will hold. And we |
| $\begin{array}{ll}\text { GX-601 } & 1304 \\ \text { GX-662 } & 1082,1175\end{array}$ | 22 | have, for next week, made some accommodations |
| $\begin{array}{ll}\text { GX-734 } & 1308 \\ \text { GX-1286 } & 1091\end{array}$ | 23 | in whowe're going to call when. |
| GX-1287 1148 | 24 | SPECIAL MASTER LANCASTER: Thank you. |
| $\begin{array}{ll}\text { GX-1288 } \\ \text { GX-1289 } & 1132,1160 \\ \text { GX }\end{array}$ | 25 | MR. PERRY: Thank you. |
| GX-1291 1129 |  |  |
| $\begin{array}{ll} \text { GX-1304 } & 1198 \\ & \text { THE REPORTING GROUP } \end{array}$ <br> Mason \& Lockhart |  | THE REPORTING GROUP <br> Mason \& Lockhart |


| 1066 |  | 1068 |  |
| :---: | :---: | :---: | :---: |
| 1 | THE CLERK: Please raise your right |  | A. That's correct. |
| 2 | hand. | 2 | Q. And if I refer to FWC, will you understand that |
| 3 | Do you solemnly swear that the testimony | 3 | I'm referring to the Florida Fish and Wildlife |
| 4 | you shall give in the cause now in hearing | 4 | Conservation Commission? |
| 5 | shall be the truth, the whole truth, and | 5 | A. I will. |
| 6 | nothing but the truth, so help you God? | 6 | Q. And, sir, in your written testimony you testify |
| 7 | THE WITNESS: I do. | 7 | about some of the harvesting rules and |
| 8 | THE CLERK: If you could be seated and | 8 | regulations that apply in Apalachicola Bay. |
| 9 | state your full name and spell your name for | 9 | Correct? |
| 10 | the record, please. | 10 | A. Correct. |
| 11 | THE WITNESS: My name is Robert Beaton, | 11 | Q. And FWC is responsible for enforcing those rules |
| 12 | B E A T O N. I'm a major with the Florida | 12 | and regulations. Correct? |
| 13 | Fish and Wildlife Conservation Commission. | 13 | A. Correct. |
| 14 | MR. FAWAL: Good morning, your Honor. | 14 | Q. So, for example, sir, some of those rules are |
| 15 | State of Florida presents Major Robert | 15 | that, for example, there's a size limit on |
| 16 | Beaton, a 25-year veteran of the Fish and | 16 | oysters that can be harvested from Apalachicola |
| 17 | Wildlife Conservation Commission. | 17 | Bay. Correct? |
| 18 | May I approach the witness to provide | 18 | A. That's correct. |
| 19 | his prefiled testimony? | 19 | Q. And the current size limit is 3 inches? |
| 20 | DIRECT EXAMINATION | 20 | A. Correct. |
| 21 | BY MR. FAWAL: | 21 | Q. There are also limits on the number of bags of |
| 22 | Q. Major Beaton, do you recognize this to be your prefiled direct testimony? | 22 | oysters that can be harvested in a day. Correct, sir? |
| 24 | A. I do. | 24 | A. That's correct. And it fluctuates. |
| 25 | Q. Do you adopt it in whole and in substance as your THE REPORTING GROUP <br> Mason \& Lockhart | 25 | Q. And that is sometimes referred to as a bag limit? <br> THE REPORTING GROUP <br> Mason \& Lockhart |
| 1067 |  | 69 |  |
| 1 | testimony in this case? | 1 | A. Correct. |
| 2 | A. That's correct. | 2 | Q. And periodically parts of Apalachicola Bay are |
| 3 | MR. ALLEN: Good morning, Special Master | 3 | closed to oyster harvesting. Correct? |
| 4 | Lancaster. You haven't had the chance to | 4 | A. Correct. |
| 5 | hear from me yet. Just to remind you, I'm | 5 | Q. And people are not allowed to harvest oysters in |
| 6 | Winn Allen on behalf of the State of Georgia | 6 | the parts of the bay that are closed. Correct? |
| 7 | from Kirkland \& Ellis. It's a pleasure to be | 7 | A. Correct. |
| 8 | before you, sir. | 8 | Q. And I understand it's also unlawful to harvest |
| 9 | CROSS-EXAMINATION | 9 | oysters at night in Apalachicola Bay? |
| 10 | BY MR. ALLEN: | 10 | A. That's correct. |
| 11 | Q. Major Beaton, I haven't met you yet. My name is Winn Allen. I, again, represent the State of | 11 | Q. And, sir, we can agree, can we not, that it's |
| 12 |  | 12 | important that those rules be followed? |
| 13 | Georgia in this case. I'm going to have some | 13 | A. Yes. |
| 14 | questions for you this morning, if that's all | 14 | Q. And we can agree that it's important that those |
| 15 | right. |  | rules be enforced? |
| 16 | That's fine. | 16 | A. Yes. |
| 17 | MR. ALLEN: Your Honor, we have prepared | 17 | Q. Okay. Sir, I want to talk about some specific |
| 18 | some documents that we would like to walk | 18 | parts of your written direct testimony today. |
| 19 | through with Major Beaton in his examination. | 19 | And I know you have a copy from your counsel. |
| 20 | I'm going to hand those out now. | 20 | For everyone's benefit, I have also included |
| 21 | SPECIAL MASTER LANCASTER: Please. | 21 | a copy as tab 1 of your binder. It's the same as |
| 22 | BY MR. ALLEN: | 22 | the prefiled direct you just swore to. So if |
| 23 | Q. Sir, you are a law enforcement officer with the | 23 | it's easier for folks, they can use tab 1 of your |
| 24 | Florida Fish and Wildlife Conservation | 24 | binder. |
| 25 | Commission. Correct? | 25 | And I would like to start with paragraph 10 |
|  | THE REPORTING GROUP |  | THE REPORTING GROUP |
|  | Mason \& Lockhart |  | Mason \& Lockhart |

of tab 1. Are you with me, sir?
A. I'm with you.
Q. Okay. And you testify that FWC's enforcement authority, as it relates to oyster size limits, is limited to times when the oysters are on the water and in bags or containers aboard the harvesters' boats. Do you see that, sir?
A. I do.
Q. And you also say, we can patrol and inspect oyster harvesters for compliance with size limits and other regulations while they are out on the water; but another agency, the Florida Department of Agriculture and Consumer Services, FDACS, shares jurisdiction with the FWC once oysters are brought to shellfish processing facilities on the land.

Do you see that, sir?
A. Ido.
Q. Okay. I just -- I want to be very clear and I want the Special Master to be clear and I want the Supreme Court to be very clear about what this testimony means. FWC does not have authority to enforce oyster size limits on land. Correct?
A. That's correct.

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Q. SOWC does not have authority to enforce oyster
Q. So FWC does not have authority to enforce oyster size limits in shellfish processing facilities; correct?
A. Correct.
Q. And FWC does not have authority to enforce oyster size limits at commercial dealers. Correct?
A. Correct.
Q. And FWC does not have authority to enforce oyster size limits at retailers. Correct?
A. Correct.
Q. And FWC does not have authority to enforce oyster size limits at restaurants. Correct?
A. Correct.
Q. And FWC does not have authority to enforce the oyster size limit with respect to trucks on the road and things like that. Correct?
A. Correct.
Q. Now, sir, in your testimony you mention FDACS. Is it okay if I just refer to that as DACS?

Is that okay with you, sir?
A. That's fine.
Q. Okay. And you say that DACS shares jurisdiction with FWC once oysters are brought to shellfish processing facilities. Do you see that, sir?
A. Ido.

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Q. And I just want to be very clear. When you say share jurisdiction, you're not suggesting that FWC can enforce the oyster size in shellfish processing facilities. Correct, sir?
A. Correct.
Q. And to your knowledge, sir, nobody has authority to enforce the size limit as it relates to commercial dealers or retailers. Correct?
A. As it relates to size limits.
Q. As it relates to size limits?
A. Correct.
Q. And I'll just ask the question again so the question is clear. To your knowledge nobody has authority to enforce the size limit as it relates to commercial dealers or retailers. Correct?
A. Once they're in the processing facility; correct.
Q. All right, sir. Can you turn to tab 2 in your binder, please. Tab 2 is a series of e-mails from 2006, and you're copied on a number of these e-mails. And I have some questions about them that I will ask you about.

But just to set the table a little bit, sir, you worked at FWC in 2006. Correct?
A. I did.
Q. And in 2006 I believe you were working at the THE REPORTING GROUP

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Tallahassee headquarters of FWC. Correct?
A. Correct. I believe that's the -- close to the time I was promoted to captain.
Q. Okay. And if you will turn to page 7 for me, sir, we're going to go to the e-mail that starts this chain on page 7 to understand the context a little bit. Okay?

And on page 7 there's an e-mail from Linda -I believe Linda Raffield. Do you know Linda Raffield, sir?
A. I believe it's the same Ms. Raffield I have spoken to before.
Q. And she e-mails David Heil. Do you know who he is, sir?
A. I do.
Q. And what's his role?
A. Currently he is with our Division of Marine Fisheries Management at FWC.
Q. And in the second paragraph, Ms. Raffield says, I am the secretary for the FCSWA, Franklin County Seafood Workers Association. Do you see that, sir?
A. I do.
Q. And do you have any knowledge as to whether she was actually the secretary of that organization?

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A. Not during my two years there.
Q. All right, sir. If you turn with me to page 1 of tab 2, and in the middle of page 1 there's an e-mail from Dave Pridgen. Do you see that, sir?
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A. I do.
Q. Who is Dave Pridgen?
A. Dave Pridgen was Major Pridgen at that time, and he was the regional commander for the Northwest Panhandle Region of Florida which included Franklin County.
Q. Was he your boss at this time?
A. No, he was not.
Q. He was not, okay. Was he a superior to you at this time? Did he have a higher rank, I guess is my question?
A. He was a major and I was a captain.
Q. Okay. Mr. Pridgen writes -- at No. 4 he says, as you noted, the change was made to accommodate the industry. We had worked a number of details in the Northwest Region -- excuse me -- NW region where officers stopped trucks for inspection on the road. We found and seized a lot of undersized oysters. As you can understand, even with several officers working, it took awhile to unload, inspect, and reload a truck full of THE REPORTING GROUP Mason \& Lockhart
oysters. The industry complained that their trucks were unreasonably delayed by our inspections. They could have prevented these delays by inviting us to inspect while the trucks were being loaded at their place of business but chose instead to seek an exception from the size limit for oysters in shipment and at business.

Do you see that, sir?
A. I do.
Q. And do you remember I asked this question earlier, but it is the case today, right, sir, that FWC cannot inspect trucks on the road with respect to the size limits?
A. That's correct.
Q. All right. Looking in that same e-mail from Mr. Pridgen, there's a paragraph that begins -or a line that begins, our rule, right after the section I just read. Do you see that, sir?
A. Yes.
Q. And he writes, our rule as currently written seems grossly unfair in that it causes FWC officers to cite the working person on the water for possessing short oysters which the businessmen can legally possess. In all fairness, we should either prohibit the

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possession of undersized oysters for everyone or no one.

## Do you see that, sir?

A. I do.
Q. And then above there is an e-mail from Donald Duval. Do you see that, sir?
A. I do.
Q. And is Donald Duval sometimes called Craig Duval?
A. He is
Q. And he writes an e-mail where he says -- and, again, this is in April of 2006. Mr. Duval says, I agreed with Major Pridgen's comments. I would like to attend the meetings and would also take Lieutenant Messer as well. Having dealt with this issue for many years, I believe we need to change the rule to possession of undersized oysters by anyone is prohibited, regardless of where the possession happens to be, land or sea. Lieutenant Messer also has a great deal of experience dealing with the issue. He was an oysterman at one time himself. We in the past had a good relationship with retail dealers, calling and giving us information about U/S oysters and who they were buying from. Since the rule change, we have relaxed the enforcement to THE REPORTING GROUP Mason \& Lockhart just the water and dockside patrol.

Do you see that, sir?
A. I do.
Q. And in 2006 was Captain Duval a field captain in the Carrabelle office?
A. Yes.
Q. And did he at that time hold the position that you later held from 2012 to 2014?
A. That's correct.
Q. And since 2006, sir, the rule has not in fact been changed to give FWC authority to enforce the undersized oyster rule on land. Correct?
A. That's correct.
Q. I would like to turn to tab 3 of the binder. Tab 3 is an e-mail from you to Christopher Brooks on August 22, 2013. And there is a document attached which we have also included in tab 3. The document is titled Law Enforcement Perspective on Oyster Issues in Apalachicola.

## Do you see that, sir?

A. I do.
Q. And can you just tell me who is Christopher Brooks?
A. At the time, $I$ forget his exact title; but he was with FDACS or DACS Division of Aquaculture. THE REPORTING GROUP

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Q. If we look at the attachment, sir, at the top -again, I'm on the second page of tab 2 . This is actually the first page of the attachment, but the second page of tab 2. At the top it says Law Enforcement Perspective on the Oyster Issues in Apalachicola.

Sir, this is a document that you wrote. Correct?
A. I wrote it. I submitted it. It was a collaborative effort between myself, the lieutenant in Franklin County, as well as some of the officers; and the major of the Northwest Region was also involved in review.
Q. Okay. Just for the record, this is GX-662.

So, I'm sorry. You were involved in drafting this document. Correct, sir?
A. Correct.
Q. Okay. And if we look on the second page of the attachment, it is the page that ends in 6456 in the bottom right. Do you see that, sir?
A. I do.
Q. And there is a heading that says Undersized Oysters. Do you see that?
A. I do.
Q. And you write, it is a well-known fact that there

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has always been harvest of undersized oysters from Apalachicola Bay. The bay was in a healthy state several years ago and could sustain the taking of a certain percentage of undersized product; however, several factors have affected the bay in the past years. The issues have been well vetted and we do not need to rehash those factors. The bottom line is that the oyster industry, from harvester to producer, is the best entity to control the harvest, process, and sale of undersized oysters. If the finger continues to point at FWC enforcement, then some additional rule changes need to be considered in order to make the enforcement of undersized oysters more effective.
Do you see that, sir?
A. I do.
Q. And then this document goes on to make, I believe, two recommendations. And I would like to talk about those, sir. Before we do, I just want to set the table a little bit by explaining a concept you refer to in your written direct. In your written direct you refer to something called a tolerance level. Correct, sir?
A. Correct.

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Q. And the tolerance level, I believe, now is

5 percent; is that right, sir?
A. It's 5 percent and was 5 percent for unattached single oysters and 15 percent for clusters of oysters.
Q. Okay.
A. On both -- sorry, go ahead.
Q. If FWC searches a bag of oysters and more than 5 percent or more than 15 percent, as the case may be, of the oysters are undersized, that's a violation. Correct, sir?
A. We take into account several factors when we measure a bag. Oysters grow very rapidly, and they have a very fine lip of the shell. So it's very likely that if a harvester raked up oysters, put them on the cull board, measured them on the vessel, put them in the bag, and then in the process of him shaking down the bag to make more room for oysters and in moving that bag, it's very possible that some of that fine lip would break off. So enforcement-wise, we would take that into consideration because it was a legal oyster at the time of harvest.

So it's not good law enforcement when somebody is making an honest, legitimate effort THE REPORTING GROUP

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to be in compliance to penalize them. So there would be oysters that we would measure that would come just under the 3 -inch mark, and you can see where the lip has been broken.

And the officers know the process of harvesting. So to say that every bag that contained greater than 5 percent isn't affording anybody the actual process of how the harvest occurs nor any officer discretion.
Q. I appreciate that all, sir. My question is a little narrower which is it is the rule, is it not, that no more than 5 percent of an oyster harvester's catch may consist of sub-legal oysters?
A. That's what's in the rule.
Q. Okay. And in order to determine whether there's been a violation of that rule, FWC has to physically inspect a bag of oysters. Correct?
A. Correct.
Q. And it can take an hour or longer for an officer to physically inspect a bag of oysters. Correct?
A. I don't believe I said -- the process could take between 30 and 45 minutes, depending on the size of the bag and the number of oysters contained within.

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A. I do.
Q. And then it lists a number of citations and warnings issued broken down by different violations. Do you see that?
A. Yes.
Q. And then if you look at the second one, sir, it says, four citations, and then it lists a rule, and then it says, tolerance for individual/unattached oysters 5 percent. Do you see that?
A. Yes.
Q. All right, sir. I would like to look back at your prefiled testimony, if I can, just tab 1. And you might also have a loose copy there.

And if we could look to paragraph 12 in your prefiled testimony, which is on page 5 , it says, the Apalachicola Bay area and its resources have been a historical enforcement priority for the FWC and all of its predecessor agencies.

Do you see that, sir?
A. I do.
Q. It says, appropriate resources and staff have been assigned to the area to enforce oyster harvesting regulations.

Do you see that?
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## A. I do.

Q. And then if you look down at page -- paragraph 14 on that same page, sir, you have the second sentence in paragraph 14 that says, but there is no question that FWC has had enough people, boats, and other resources to be able to aggressively patrol the Apalachicola Bay and discover -- and discourage potential violators. Do you see that, sir?
A. I do.
Q. All right. Let's turn to page -- tab 5, if we might. Tab 5 is some e-mails from late March and early April of 2013. And at this time, sir, you were in charge of the Carrabelle field office in Franklin County. Correct?
A. Correct.
Q. And in that role you oversaw enforcement of the state's oyster harvesting rules and regulations in Apalachicola Bay. Correct?
A. I did.
Q. The bottom e-mail is from Karl Havens, and he writes an e-mail to Jim Estes and Nick Wiley. Sir, who is Nick Wiley?
A. Nick Wiley is the executive director of FWC.
Q. He's the boss? He's the top dog? THE REPORTING GROUP

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A. Yes.
Q. Okay. It's a technical term, top dog.

All right, sir. It says Jim, here is a draft of the Apalachicola Bay situation report that we will present to the industry and community in April. Given that much of the data came from the FWC, and given how much time you spent helping us work on those data, I would appreciate your review of the attachment.

And then it says, please send me comments about factual errors or errors of interpretation and, if possible, please get the comments to me by COB next Thursday, April 4.

Do you see that?
A. I do.
Q. And then Jim Estes in the middle forwards this e-mail to you and Charlie Wood. Charlie Wood, I believe, was a lieutenant working for you at the time?
A. Correct. He was the Franklin County lieutenant.
Q. And Jim writes to you and Charlie, I told Karl that I would send him something by the end of the day on Friday. Let me know if there are any particular comments you would like me to make. You see that; right, sir?

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## A. I do.

Q. And then you write an e-mail back to Jim Estes, and you copy Bruce Cooper. And who was Bruce Cooper at the time?
A. The regional commander.
Q. Regional commander?
A. The major.
Q. Got it.

It says, Jim, I ran some keyword searches through the document. I think your ideas and comments we discussed during the call were appropriate. We need to stress that there is enforcement; however, we are greatly outnumbered and the risk/reward for harvesting undersized is a motivating factor. There is a demand for undersize product, and until the demand is reduced enforcement will continue to face challenges.
Do you see that, sir?
A. I do.
Q. And when you refer to undersize product, you're referring to undersized oysters there. Correct, sir?
A. Correct.
Q. All right, sir. I would like to turn back to THE REPORTING GROUP Mason \& Lockhart

Q. And do you see 2011, sir?
A. Yes.
Q. All right. And do you see the number of trips reported as 39,176 ?
A. I do.
Q. All right, sir. Do you trust me to calculate 7 percent of 32,330 ? You trust me, right, sir? I can give you a calculator.
A. I don't know you, so I really don't trust you.
Q. Oh, that's good. That's wise.
A. But go ahead. I'm sure somebody will be checking your math.
Q. I'm sure. 7 percent of 32,330 is 2,263 , and 7 percent of 39,176 is 2,742 .

Okay. We got that. Back to my questions.
All right. Can you turn to tab 7, sir?
Tab 7 is JX-56. It's a joint exhibit between Georgia and Florida, and at the top is an e-mail from Mark Glasser. Is that how you pronounce that, sir?
A. Yes, it is.
Q. Who is Mark Glasser?
A. Mark Glasser at the time was the Food and Drug Administration's shellfish specialist that was assigned to the Southeast Region. THE REPORTING GROUP Mason \& Lockhart

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Q. Okay. And at the bottom is an e-mail from Charlie Wood to you and Antonio Kilpatrick. Do you see that?
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A. Yes.
Q. Okay. And I'm at the bottom of the first page of JX-56. He says, gentlemen, the following represents a brief overview of activities relating to oysters on Apalachicola Bay from the time period July 1, 2010, through June 30, 2011.

Do you see that?
A. I do.
Q. And that's your fiscal year. Right, sir?
A. Yes.
Q. Okay. And on the next page, page 2 of JX-56, it says, during this time period, officers who worked Franklin County as their assigned county/ duty station, nine officers provided 76 patrols in Apalachicola Bay. During these patrols 60 misdemeanor citations were issued for violations pertaining to oysters. The following is a breakdown of those violations.

Do you see that, sir?
A. Yes.
Q. And you have reason to believe that these numbers are correct. Right, sir?

THE REPORTING GROUP

## A. I do.

Q. Okay. The first line is, cannot harvest, possess, or land 3-inch oysters. And that has three cases. Right, sir?
A. Yes.
Q. And the second line is, possession of undersized oysters, 5 percent tolerance, 35 cases. Do you see that, sir?
A. I do.
Q. 35 plus 3 is 38 , I believe, sir?
A. In a year's time.
Q. Okay. In a year's time. Right, sir?
A. Yes.
Q. I'm going to write here fiscal year 2010, 38.

All right, sir. And let's turn back to tab
4, if we can. Sorry to bounce around in your binder a little bit.

And tab 4 is a document we discussed earlier.
If we turn to the last page of tab 4, the page that ends in 22087, do you see that, sir?
A. Yes.
Q. And, again, at the top this lists a time period from July 1, 2012, to August 22, 2013. That's roughly close to your fiscal year, maybe a month longer. Right, sir? THE REPORTING GROUP Mason \& Lockhart

## A. Yes.

Q. Okay. Is it okay if I call it fiscal year 2012?
A. That's fine.
Q. Okay. And we -- as we discussed earlier, during that time period this document says, four citations for tolerance for individual and unattached oysters. Right, sir?
A. That's correct.
Q. I'm just going to write that up here. Fiscal year 2012, four citations. Okay.

All right, sir. So during a three-day operation in 2013 FWC issued 50 citations for undersized oysters. Correct?
A. Correct.
Q. And in all of 2010, fiscal year 2010, FWC issued 38 citations. Correct, sir?
A. Correct.
Q. All right, sir. I want to touch briefly on something we discussed earlier. But if we could look, again, back at your written direct, and again -- oh, I'm sorry.

MR. ALLEN: Your Honor, may I mark this as Georgia Beaton demonstrative 1?
BY MR. ALLEN:
Q. All right. Looking back at your written direct, THE REPORTING GROUP Mason \& Lockhart




of the state. The current rule allows dealers to possess the product if it has been landed. This allows the issue to continue to be a major -strike that -- to be a potential major problem for the resource.

Do you see that, sir?
A. I do.
Q. Okay. He then writes, I was contacted today by the assistant state attorney in Apalachicola, Jared Patterson.

Do you know Mr. Patterson, sir?
A. I do not.
Q. He stated that the local county judge has made a ruling stating that he will not adjudicate someone without us, officers, bringing the oysters on cases for undersized to court to prove the case. This ruling will force the officers to keep bags of oysters and bring them to the evidence compound for storage. We currently cannot store this amount/volume of product at our facility and should not be mandated. This will cause our division to kill or destroy the resource by storing it for over two months awaiting a hearing.

Do you see that, sir?
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A. I do.
Q. The next paragraph says, the local judge is not accepting photographs as evidence in these types of cases. He has also in the past said he would not accept our GPS readings on closed water cases.

Then he goes on to say, also, I would recommend that we need to readdress the current rules to allow officers to seize all bags of oysters from harvesters or possessors when a subject is found to be in violation of unculled or undersized oysters. Officers currently randomly select a bag from a harvester/processor. Once they do, they inspect the contents of that bag and measure the contents. It goes without saying that if an officer randomly selects a bag, one could argue that the other bags are probably undersized as well. We issue citations, and the rest of their catch is not subject to seizure unless we select another bag. A single case takes approximately one hour or longer to count and measure these types of cases. This loophole is and has been referred to by harvesters as the price of doing business.

Do you see that, sir?
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A. I do.
Q. And when he says harvesters there, he means oyster harvesters. Right, sir?
A. Correct.
Q. And then in the last paragraph -- that's not the last paragraph, sorry, just the last paragraph on this stage -- on this page. He says, dealers continue to benefit from illegal products being harvested by oystermen. At a meeting earlier this year, I was informed that oysters do not reproduce until they reach 2 -inch size limits. From what we are seeing, the majority of the catch does not meet this limit. With that being said, I see the resource suffering from the oyster harvesting of the illegal product. With dealers in some cases encouraging this activity and profiting from the illegal or undersized product, they should also be accountable for the size limits.

Do you see that, sir?
A. I do.
Q. And then if we go to the top of page 3, Captain Duval has two paragraphs that finishes his -finishes his e-mail here. He says, lastly, the officers as of late have not seen a case where THE REPORTING GROUP Mason \& Lockhart
the product is unculled. With that said, I am sure that there are some that have violated this but have not been inspected or caught as of date. This activity has been referred to by locals as being tonged in the hole.

Have you ever heard the phrase tonged in the hole, sir?
A. That's the first time -- well, I read it before.
Q. Right.
A. But I've heard it through these documents.
Q. Got it. It says, I am writing the above as my thoughts on addressing the issues we are facing with the continual problems regarding oysters.

Do you see that, sir?
A. I do.
Q. And this is in Craig Duval's e-mail of July of 2010. And then on the next page it gets forwarded around to a couple individuals I want to ask you about. On page 1 of tab 12 , which is GX-339 for the record, there is an e-mail here in the middle from Mike Wiwi. Do you see that, sir?
A. Michael Wiwi, yes.
Q. Wiwi?
A. Yes.
Q. Michael Wiwi. Who is Michael Wiwi?

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A. He's retired now. He was a lieutenant colonel.
Q. And then there's also an e-mail from Dave Pridgen at the time. And what was Dave Pridgen's role in July of 2010, if you know?
A. Major regional commander in the Northwest Region.
Q. And Mr. Pridgen writes, as you all know, this has been a problem for some time. In addition, Tanya James, president of the Franklin County Seafood Workers Association, is asking that we change the FWC oyster size rule so it applies to everyone, not just the harvesters with oysters on state waters.

Do you see that, sir?
A. I do.
Q. Again, as we sit here today, the size rule still only applies on the waters to the state. Right, sir?
A. As far as our enforcement, correct.
Q. All right, sir. So these are e-mails from July of 2010. If we turn to tab 13, we get an e-mail from August of 2010. And it's an e-mail in the middle that's from Donald Duval to you and Dave Pridgen. Do you see that, sir?
A. I do.
Q. And it says Rob, see attached photo of a sign at THE REPORTING GROUP

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Webb's Oyster House in East Point. It says, $2-1 / 2$ and up on oysters by 2 p.m. It is just an example of dealers encouraging undersized oyster harvest.

And then if we flip the page, sir, there's a picture. Do you see the picture, sir?
A. I do.
Q. And in the middle in red it says, be in and unloaded oysters by 2, 2-1/2 and up. Do you see that?
A. I do.
Q. And East Point is in Franklin County. Right, sir?
A. Correct.
Q. I believe it's just right across the bridge from Apalachicola?
A. Yes.
Q. Okay. So this is from August of 2010. If we turn to tab 14, sir, there is another e-mail from August of 2010. It's a string of e-mails that gets forwarded around. The bottom one is from Michael C. Voisin, I think is how you pronounce it. And the subject is Florida Oyster Letter.

MR. ALLEN: And this is -- just for the record, tab 14 is GX-344.

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BY MR. ALLEN:
Q. It says, Bob, attached is a signed copy of the GOIC's letter to Commissioner Bronson.

Do you see that?
A. I do.
Q. And can you just remind me who Commissioner Bronson is?
A. The commissioner for FDACS.
Q. The head commissioner for FDACS?
A. Yes.
Q. And it gets forwarded through some people. And one of the middle e-mails, David Heil forwards it to Bruce Buckson, and I think attempted to forwarded it to you but used your wrong e-mail address. So Bruce Buckson forwards it to you again on Thursday, July 29, 2010. Do you see that?
A. I do.
Q. And then you forward it on to Donald Duval -Craig Duval -- in August 2010. Do you see that?
A. I do.
Q. Okay. And if we turn to the attachment, it's a letter dated July 28, 2010. And if we go to the second paragraph of the attachment -- and the THE REPORTING GROUP

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document, again, is GX-344, and the Bates is Florida ACF-1205757. The second paragraph says, we certainly don't want to interfere in Florida's fishery management programs, but we are concerned about the very small Florida oysters being supplied to the market. Grossly undersized oysters harm the Gulf oyster industry's efforts for economic recovery from the current oil challenge.

And then the next paragraph says, please help us maintain high consumer demand for Gulf of Mexico oysters by preventing the harvesting and shipping of undersized oysters.

Do you see that, sir?
A. I do.
Q. Do you know who Mike Voisin is?
A. I do not.
Q. Okay. All right, sir. Let's turn to tab 15.

The document we just looked at is from August of 2010. The next e-mail is from February of 2011, a few months later. And I want to start at the bottom of the e-mail chain just to give us some context here.

MR. ALLEN: And, again, this is tab 15; and the exhibit number is GX-1291.

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we just said Black Pearl was in October of 2013. Right, sir?
A. Correct.
Q. And September of 2012 is also the month where you took over as captain of the Carrabelle office in Franklin County. Correct, sir?
A. Yes.
Q. And on Wednesday, September 19, 2012, you write an e-mail to Major Bruce Cooper, who again, as we said at the time, he was your boss. Right, sir?
A. Correct.
Q. He was the regional commander for the northwest division. Right, sir?
A. Yes.
Q. And you write, FYI, illegal harvest is really exploding. We may need to expand our detail and bring in some out-of-area folks.

Do you see that, sir?
A. I do. And it's also related to the subject line of Closed Area and Night Oystering.
Q. Got it. When you told Bruce Cooper, FYI, illegal harvesting is really exploding, you meant for that statement to be accurate. Correct?
A. I did.

MR. ALLEN: Thank you, your Honor. I THE REPORTING GROUP Mason \& Lockhart
have no further questions.
Before I leave the podium, if I might, my colleagues inform me that I referred to some tab numbers without providing the exhibit numbers. Can I read those into the record very quickly, your Honor?

SPECIAL MASTER LANCASTER: Sure. MR. ALLEN: Tab 2 is GX-105. Tab 8 is

GX-100. And tab 10 is GX-331.
Sorry. Tab 8 is JX-100, not GX-100.
Thank you.
REDIRECT EXAMINATION.
BY MR. FAWAL:
Q. Good morning, again, Major Beaton.
A. Good morning.
Q. I believe you testified earlier that you arrived in the Carrabelle office in September 2012. Is that right?
A. That's correct.
Q. Before joining the Carrabelle office, were you generally aware of the enforcement going on in that office?
A. I was not aware of the day-to-day operations in the Carrabelle field office. I was in tune with some of the oyster issues because of my liaison THE REPORTING GROUP

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role with the FDA and also with the role $I$ had in headquarters at the time with Division of Marine Fisheries Management.
Q. Were you familiar with the guidelines and requirements for enforcement in Apalachicola Bay?
A. As set by --
Q. FDA.
A. Okay. The FDA, yes, I was.
Q. What were those guidelines?
A. FDA sets a standard for patrol frequencies for harvest areas based upon risk factors. I'm not a scientist, so I can't go through all the criteria measures that are made. But Apalachicola Bay area, all of the public bars that are open for harvest has a requirement by the FDA to be patrolled eight times per month.
Q. Are you aware of whether the bay was patrolled eight times per month?
A. It was -- it far exceeded that. I was responsible for compiling the patrol data for all of the harvest areas around the state. And Apalachicola Bay areas always annually exceeded the patrol requirement by nearly almost 500 percent.
Q. Was that true during the time you were in THE REPORTING GROUP Mason \& Lockhart

Carrabelle?
A. Yes.
Q. And that was true during the time you were at the headquarters as well?
A. Yes.
Q. During that time was there any requirement for the amount of time required for marine patrol to be on the water?
A. At that time for their annual evaluations, officers, in order to get a rating of achieved their expectations, one of the categories for coastal officers, officers assigned to coastal counties, was that they spend 70 percent of their work time in what we termed as boots in boats, meaning that you were in the boat, you were on patrol $\mathbf{7 0}$ percent of their requirement in order to meet their performance expectations.
Q. When you arrived in the Carrabelle office, what was your view generally of the state of law enforcement there?
A. It was very good. I had a great team. The lieutenant in Franklin County, Lieutenant Charlie Wood, he was born and raised in Franklin County, had a lot of pride in being from that area, was well in tune with not only industry people but THE REPORTING GROUP

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just private citizens. He was also a pastor of the church in Franklin County. So he knew a lot of people. I was very confident in his ability to run the Franklin County squad and address any issues.
Q. Did they take their job seriously?
A. Oh, yes.
Q. Before we get to your time there, I want to look at a couple of documents that Mr. Allen showed you. If you will turn first to tab 9 in your binder, it's GX-302. This is February 2010. And I only ask because Mr. Allen gave me the opportunity to ask you what actually happened in this instance.
A. As a summary, information came from FDACS. It got up to me. I kicked it back to the captain of the Carrabelle office. And he responded to -- he addressed the complaints, what enforcement did regarding the complaints.
Q. And in the e-mail at the bottom Georgia's counsel directed you to the statement, FWC did not do any enforcement regarding these infractions. Do you see that?
A. I do.
Q. Do you remember him asking you about that?

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A. Yes.
Q. Based on your review of the rest of this document, do you believe that's correct?
A. No.
Q. What is your understanding as to why you would receive information that was actually incorrect in this context?
A. Well, the information -- I thought you meant the question that counsel asked me.
Q. No, no, you did. I'm just trying to understand why you would receive an e-mail if it turns out someone was wrong.
A. Well, we didn't know -- we still received the e-mail. You don't know it's wrong until you get a response from the field saying exactly -- based on the computer-aided dispatch -- that's CAD -we did respond to the call on the 14th and issued warnings.

On the other calls we issued a BOLA. Somebody was there. They arrived, and the vessel was gone.

And I believe, again, you will see Captain Duval talking to David Heil saying that he had spoken to Joe several times; and he's given him his direct cell number in order to take

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information in a timely manner rather than it goes from one person to another person in an e-mail.

So we established that ability to communicate directly with enforcement with FDACS staff so if we do see -- if they do see something that doesn't look right, they can immediately read that information to us; and we can work on either responding or taking appropriate action.
Q. Sir, I want to turn to another document that Mr. Allen asked you about. It's tab 12, I believe, in your binder, GX-339. You just mentioned Captain Duval. Georgia's counsel directed you to the longer e-mail from Captain Duval. It's on page 2 of this document. Do you see that?
A. I do.
Q. Sir, in the first sentence Captain Duval writes, the officers have continued working the Apalachicola Bay looking for unculled, undersized, untagged, or bag limit violations.

Is that consistent with your view, that law enforcement was enforcing regulations at the time?
A. Yes.

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Q. At the end of this e-mail Captain Duval writes, I am writing the above as my thoughts on addressing the issues we are facing with continual problems regarding oysters.

What's your understanding as to what Captain Duval was trying to accomplish with this e-mail?
A. There's some -- another e-mail that refers to it with the -- we have a subgroup of harvesters, is what I'll refer them to, that are out there for an easy dollar. They will do whatever it takes to make a buck. Some of the recommendations that we saw about if one bag is greater than $\mathbf{2 0}$ percent, all bags shall be deemed to be undersized, that was a way of focusing -- giving us some more tools in the toolbox to deal with these flagrant violators and take some of the cost incentive out of their harvesting practices.

But information, even some of the numbers on the board, there's 1,700 licensees. And the issues with these severe and egregious violations were limited to a smaller subgroup of harvesters that had no vested history with the bay. Their family wasn't involved in the bay. They had, most of them, a lot of other personal issues, substance abuse. So they were out there just for THE REPORTING GROUP Mason \& Lockhart
the day, make the dollar, and then go back out.
Those were the type of bad guys that our officers are trying to catch. We're not trying to catch the harvester who is making a valid effort, measuring the oysters, separating the oysters, having good oysters in his bags.
Q. Georgia's counsel suggested that after the BP oil spill, law enforcement was lax. Do you recall that?
A. I do.
Q. And the date of this e-mail is July 2010. Correct?
A. Are we still on tab 12?
Q. Still on tab 12.
A. I've got July 23rd.
Q. Yes, 2010.
A. Yes.
Q. And that was after the BP oil spill. Correct?
A. Yes. BP was in April of '10.
Q. And does this suggest to you that law enforcement is lax?
A. No.
Q. Did you ever see widespread harvesting of oysters of less than 2 inches?
A. I personally did not.

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Q. Was it something that you were ever aware of?
A. We would hear -- just like this e-mail demonstrates -- there are several e-mails that demonstrate; but when we actually would narrow down the who, what, where, when is what law enforcement does. We don't operate on mass rumor. We take information. We vet it. We narrow it down. We try to identify suspects.

Black Pearl and a couple of the other examples do show that the individuals that were participating in the illegal undersize harvest was a small percentage.

By the time I had gotten there, the reason why that one e-mail said -- and we'll probably get to it -- that illegal harvest is exploding is because there is no longer any product in the bay. And these people that are looking to live for tomorrow -- or live for today rather, are going into closed, prohibited areas to get bags of oysters. They're not harvesting on the open bars because there is nothing left. The demand and their need to support their families or their habits or whatever they had pushed them to closed areas.

So the reference to oyster -- oyster
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violations are exploding, as I pointed out to counsel, the subject line was Closed Prohibited and Night Harvesting. That's what we were seeing happen.
Q. And I believe it was your testimony, but was
that -- when was that something you were seeing happening?
A. Well into 2012 when I first got there, I believe is when we started seeing this trend.
Q. And for context, was that before or after the oyster collapse?
A. I believe there was a quest to -- a request for the declaration in 2012. The exact date that it was declared a disaster -- a fishery disaster $I$ don't recall.
Q. Turn your attention to tab 13. This is GX-1287. Georgia's counsel showed you a photo of this oyster house. Do you recall that?
A. I do.
Q. I direct your attention to the advertisement for 2-1/2 and up oysters. Do you recall that?
A. I do.
Q. When law enforcement received this type of information, what would you do?
A. We would do several things. First part of -THE REPORTING GROUP Mason \& Lockhart
especially Lieutenant Wood and myself, our relationship and our role that we play in the area, we would talk to the processor and say, you know, this isn't the right thing to do.

We first try to get compliance on their end voluntarily. Depending on their attitude, you know, we could possibly set up officers right at their docks because there's a nexus from the water to the landing, as was pointed out. So we can still do undersize enforcement right there at the docks and inspect the fishermen, hoping that that will curtail some of their efforts.

There were a very small handful. There were two or three processors that I will say did encourage this; and it put the burden on the harvester. However, I'm sure that industry leaders, if they were here, would be -- take offense to the fact that it's being suggested that this was an industry-wide issue, that everybody was doing this.
Q. Did you feel that FWC had the tools to address issues with processors like this one?
A. We did in a way. Could there have been more tools in the toolbox? Sure. Would our ability to enforce undersized oysters in the processing THE REPORTING GROUP

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facilities cause the collapse not to happen? No.
This was a situation where enforcement -regrettably, due to the environmental conditions, we saw it. Those officers that had been there for a while knew the bay, had been there for years and years, seen it bounce back. The information we were getting there was nothing else enforcement-wise we could have done to save the bay.
Q. Just so we're clear, what was the status of Apalachicola Bay when you arrived in the Carrabelle office?
A. Again, shortly after I applied -- arrived, the request for the declaration had been made. I -I don't know the exact condition of the bay. But hearing what I heard when I was in Tallahassee prior to coming to Carrabelle in 2012 and getting up to speed with Lieutenant Wood and talking to processors and going to the processing facilities and seeing the mound of oyster drill shells next to the mound of half-shell shells, you could definitely see that there was a problem.
Q. And how did that affect issues you faced in law enforcement?
A. It challenged us because it pushed people out of THE REPORTING GROUP Mason \& Lockhart

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the area.
We took information. Again -- the biggest trend that we saw was folks going out illegally, harvesting in small runoff creeks where there were oysters in prohibited waters, which is a huge health safety issue. People can die literally from eating those oysters. There's a reason why those waters are prohibited and closed.

So we saw that trend. And that was an indicator that there was no product left that they could get in a bag, get a reasonable number of bags there on the bay.
Q. Given that, did law enforcement set up special details to deal with those problems?
A. We did. Black Pearl was an example of that. That was a grander scale operation. A lot of logistics, bringing in officers from other areas, had to deviate some funding, hotels, scheduling.

But the Carrabelle office had six counties. So we internally would always do smaller details. In fact, I believe there's a reference to the one about when I made the comment about it's exploding. That was a detail we did internally. So even though it's not a glamorous, multi-page THE REPORTING GROUP Mason \& Lockhart
operational plan, we were constantly working information. We would get this information from FDACS or other people. It would be very clear to our officers when we were in fish processing facilities, you knew what oysters looked like when they came from Cat Point or East Hole. They -- they have a distinct color. They have a distinct growth on them. Much like the oysters up here in Maine that I saw at a local fish house, all different oysters are all from Maine; but every one of them looks different.

So if an officer would go into a processing facility and seen an oyster that had a tag on it that said Cat Point, but it's a different color oyster, different shape, different barnacle growth on it, he would know that that didn't come from East Point. This guy or gal very likely is harvesting from an area that's not open. Take that information, identify vehicles, patrol at night, look for remote boat ramps, find out where they're launching from, and eventually catch them.
Q. I show you a document that's marked GX-449. Let me know when you have had a chance to review it.
A. I have.

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Q. Okay. And the date of this e-mail is September 8, 2012. Correct?
A. Correct.
Q. And it's from Lieutenant Wood; is that right?
A. Yes.
Q. And it's directed to a number of people, and you're on the copy line. Right?
A. Yes.
Q. The subject of the e-mail is Shellfish Detail?
A. Yes.
Q. Follow along with me. The first sentence reads, data presented this past week by the Department of Aquaculture has shown a significant drop in the number of oysters within Apalachicola Bay.

Do you see that?
A. I do.
Q. Is that consistent with your testimony that when you arrived in Carrabelle, the oyster decline had begun?
A. Yes.
Q. The next sentence says, commercial harvesters in the area have confirmed this since the opening of the winter harvest areas. With the reduced landing of oysters, the price being paid by the dealers has skyrocketed to $\$ 30$ a bag to the THE REPORTING GROUP Mason \& Lockhart

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Q. And is that consistent with the shellfish detail referenced in the subject line?
A. Yes.
Q. And recollect for a moment that this e-mail is dated September 8, 2012.

Tab 20 in your binder is GX-1289. I believe Georgia's counsel just asked you about that. Do you recall that?
A. I do.
Q. The date of this e-mail exchange is September 19, 2012. Do you see that?
A. I do.
Q. And the subject says Closed Area and Night Oystering Arrest. Do you see that?
A. Yes.
Q. It says, FYI Blake and Jason arrested three more individuals this morning oystering in Chaires Creek in Ochlockonee Bay at 3 a.m.

First of all, why would they be making arrests at 3 a.m.?
A. These are, again, bad guys that we like to catch THE REPORTING GROUP
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that had no regard for any rule that FWC had in place. They were up in Chaires Creek, Ochlockonee Bay at 3:00 in the morning trying to conceal their operation under the cover of darkness.
Q. For those of us who may not know, where is Ochlockonee Bay?
A. Ochlockonee Bay, Ochlockonee River is the county boundary line between Franklin and Wakulla County. It's the eastern boundary of Franklin.
Q. To be clear, is that in Apalachicola Bay?
A. Oh, it's far removed from Apalachicola Bay.
Q. Further down in this e-mail in the second paragraph, the second sentence, Mr. Harvey continues, also I want to note most of the subjects arrested have been repeat offenders.

Is that consistent with your understanding of the primary issues?
A. It's completely consistent with it.
Q. And then the last paragraph, Mr. Harvey continues, Blake, Steven, and Jason have been doing a good job standing on this and trying their best in keeping a safe product on the market in regards to shellfish. When you see them, give them a pat on the back. They deserve THE REPORTING GROUP

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it.
What's Mr. Harvey trying to communicate to you there?
A. That nobody wants to be out at 3:00 in the morning. But these $-\mathbf{m y}$ team was dedicated to do whatever they needed to do to ensure safe quality oysters were reaching the market. This is a good example of that -- law enforcement anticipating a trend, setting up a detail to target that trend, and having successful results due to their hard work.
Q. Georgia's counsel directed you to the e-mail from you at the top. Do you remember that?
A. Yes.
Q. He noted -- it says, illegal harvest is really exploding.

Do you see that?
A. I do.
Q. And then it also says, we may need to expand our detail and bring in some out-of-area folks.

Do you see that?
A. I do.
Q. Did the Carrabelle office actually bring in some folks?
A. Yes.

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in catching those bad guys I'll call them. In fact, Captain Duval mentioned it about the one, that most of these are repeat offenders. So it's a small group. And the comments -- the talk about taking the incentives away from those harvesters, those are aimed at that small group. It's not aimed at, again, the vast majority of the harvesters that are out there doing the right thing, have a generational vested interest in the bay.

There's not a lot to do in Apalachicola. There's no Best Buy. There's no Sam's Club. There's no Wal-Mart. This bay is the people's lives for a whole bunch of the citizens there. So just like the processors would take offense if they were all painted with this broad brush that it's just gone crazy, so, too, would the vast majority of the harvesters. If they were painted with the brush that everybody is out here, they're all poaching, nobody cares, they would take great offense.
Q. So could you turn to tab 8, JX-100. You testified earlier that Ms. Raffield -- Raffield had some concerns about Operation Black Pearl. Is that right?

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A. That's correct.
Q. And were her concerns consistent with the view you just testified to about these issues being widespread?
A. That was the belief, that while she -- she knew about this subgroup. In fact, it was specifically mentioned when we were talking; and it was a very long conversation. She was rather upset in the beginning. But when I talked to her about what we were doing, how we were doing it, much like I have explained to the Court, that set her at ease.

I meant -- I said here this group talked about -- I let her know there was a large segment of the harvesters who are good people, have a vested interest in the bay. This group wants to be able to pass down the heritage down to their children and grandchildren. She agreed. She also agreed with me when I told her that there's a segment who could care less about the bay and are taking everything they can tong off the reef, off the bottom. And she used an expletive to describe this group. I didn't want to put it in a summary to a senator's aide. But she was well aware that there was a small subgroup of people THE REPORTING GROUP Mason \& Lockhart
that just don't care. So she was aware of this subgroup.

What I had to dispel was her thought that we were not using any discretion, that we were coming in so heavy-handed right before the holiday season and how unfair this is to those people that are honest, hard-working people. That's what I had to communicate to her, that we were using discretion. We were being fair.
Q. In the very last sentence of the large paragraph on page 2 of this document, do you see that?
A. Yes.
Q. The sentence reads, I provided an example of our recent enforcement efforts from November 12, which was a follow-up to the detail to see what type of compliance we may have gained.

What did you mean by compliance you may have gained?
A. Again, the percentages, looking at the number of users checked and the types of citations issued.
Q. And just to direct your attention to the statistics directly below that paragraph, it indicates 111 users checked. Correct?
A. Correct.
Q. And four citations for undersized oysters.

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Correct?
A. Yes.
Q. And is that consistent with your view that there was compliance gained based on Operation Black Pearl?
A. It's -- there was a decrease in those percentages. Black Pearl was 7 percent, and four out of 111, so just under 4 percent. You know, this was a follow-up just to make sure that -this was a -- more or less a one-day use of local assets to go out there unexpectedly because, you know, Black Pearl, after the third day, you know, they knew we were there.

But -- so, you know, it's been consistent even from the -- some of the stats $I$ saw with Black Pearl II, those periods it ran, the undersize cases that were made by the number of users inspected was very small at each one of these efforts.
Q. Georgia's counsel asked you a number of questions about enforcement of oyster size limitations off the water. Do you recall those?
A. Yes.
Q. He showed you some documents where you advocated for potentially adding additional regulations. THE REPORTING GROUP

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## Do you remember those? <br> A. Yes. <br> Q. What's the purpose for advocating for additional regulations? <br> A. It's the same theme that related to Captain Duval's e-mail back in 2010. I reiterated basically the same thing, that we used to have these people that are using -- they're not being responsible. It's another tool in the enforcement toolbox. We can write them citations for undersized. Do we go through and measure every bag and make every single bag a separate case? In some cases we have. But in order to be efficient, we know who these people are. It aids us in expediting an inspection, taking out some incentives. <br> The same thing with the size back in the processing facility. It wasn't -- it's one of those rules where -- you're passing a rule to try to manage a few. The lawful fish houses wouldn't be concerned. But we could still do oyster enforcement, undersize enforcement, just recommendations that were passed up the chain. <br> Q. Did you believe FWC was unable to police oyster size limitations without those regulations? <br> THE REPORTING GROUP <br> Mason \& Lockhart

A. No.
Q. Did you believe existing oyster regulations were inadequate in allowing you to effectively enforce?
A. No, I do not.
Q. Based on your experience in Carrabelle and in other offices, how common is it for you to advocate for additional regulations?
A. It's rather common. Enforcement -- there's a process; and, you know, we're encouraged to -any agency, any law enforcement organization that's not looking to improve, become more efficient, add tools to our toolbox -- as we often say in the law enforcement world, you know, you need to be constantly seeking improvement and looking for other options and being more efficient.
Q. And Georgia's counsel asked you some questions about tab 3. Will you turn your attention to that document?

It's GX-662. Are you there?
A. I'm there.
Q. I believe you testified that this is -- this
first page is an e-mail attaching Law Enforcement
Perspective on the Oyster Issues in Apalachicola.
And that's a document you wrote. Correct?
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A. I submitted it. It was a collaborative effort
Q. And Georgia's counsel read the paragraph under the heading Undersized Oysters. Do you remember that?
A. I do.
Q. The first sentence is, it is a well-known fact that there is -- that there has always been harvesting of undersized oysters in Apalachicola Bay. The bay was in a healthy state several years ago and could sustain the taking of a certain percentage of undersize product. However, several factors have affected the bay in the past years.

What were the factors you were referring to there?
A. The lack of fresh water, the intrusion of -- like I mentioned, seeing those mounds and mounds of oyster drills at processing facilities, and, you know, not only processors that are taking product from the public bars, but also individuals who have leases who managed their own harvest. We saw similar things happening to the leaseholders that didn't have overharvest because they're managing their harvest. They were having the same die-off as the public bars were having. THE REPORTING GROUP

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Q. And the section is entitled Undersized Oysters, and under it you're discussing the health of the bay. Is that because the harvest of undersized oysters had become a problem because of the health of the bay?
A. No. That's -- the second sentence -- you know, the bay was dying. It didn't matter whether it was a legal-size oyster or a sub-legal-size oyster.
Q. And Georgia's counsel directed your attention to several -- at least two recommendations on the next page. Do you remember that?
A. Yes.
Q. And if you will flip to the first page of this document, you will recall it's dated August 26, 2013?
A. Yes.
Q. And we just discussed Operation Black Pearl. You testified earlier that that was in October 2013. Right?
A. Yes.
Q. And that's after this document. Correct?
A. Yes.
Q. What, if any, effect did Operation Black Pearl have on your belief that these regulations were THE REPORTING GROUP Mason \& Lockhart

seeing, the fact that there's no more product on the reef, that people are going elsewhere, closed, prohibited waters, night harvest to get legal-size oysters, albeit that they are from prohibited waters.
Q. In your view is there anything law enforcement could have done to prevent the oyster decline in 2011 and 2012?
A. No, there is not.
Q. Why not?
A. We don't have control of things that are out of our control. I have talked to -- through e-mails and just conversation, and the volume of the oyster drills, the failed efforts of the shelling programs, it's really sad to see.
Q. If Georgia's position in this litigation is that FWC mismanaged the oyster fishery in part because of inadequate law enforcement, do you agree with them?
A. I don't agree whatsoever. The Shellfish Commission was one of the earliest law enforcement agencies in Florida. Enforcement of oysters, especially in Apalachicola Bay, is part of our law enforcement culture.

I remember being a recruit in 1989 at the THE REPORTING GROUP
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Academy and, you know, talking about Franklin County and Apalachicola and East Point and oysters. That enforcement philosophy begins at a very young point in one's career. And to say -Lieutenant Wood, who was born and raised in Franklin County and who is now the captain of the Carrabelle office, to say that he didn't care or he didn't do enough or that none of my team or the teams before me did enough, that's -- that's agitating to me.
Q. Thank you for your time.

## MR. ALLEN: Very briefly, your Honor. <br> RECROSS-EXAMINATION

BY MR. ALLEN:
Q. Major Beaton, I want to thank you for your time this morning. Very briefly a few questions.

I want to walk you through my statistics here. Again, you testified that Black Pearl gave you a good view of illegal harvesting in the bay. Correct?
A. Yes.
Q. Okay. And you found a 7 percent violation rate. Correct?
A. Correct.
Q. For Black Pearl?

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Q. To make this, hopefully, a little less painful, what we have done, instead of going Order by Order by Order, is if you will look to tab 2, please -- and you'll see at tab 2 we have GX-1304 which has a brownish heading at the top. Do you see that, sir?
A. I do.
Q. Okay. And what this is, as you will see, is a printout in the FWC website listing the rule history. And since there are a number of orders that were entered along the way, I thought it might be a little simpler if you turn back, please, to the page that at the very bottom says 13 of 17 .
A. Okay. I'm there.
Q. Okay. And is it correct, sir, that on this page we have a running chronology of some of the orders that FWC entered with respect to the oyster fishery?

This should be the page that at the very top says Rule History: H-P. And then the first entry says Oysters. And you go across; and it says, effective October 7, 2001?
A. Correct. I see that.
Q. Okay. Very good. What -- now, the BP oil spill THE REPORTING GROUP Mason \& Lockhart

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was in April 2010. Right?
A. Yes.
Q. So I'm starting there. So if we can skip down one, two, three -- to the fourth one, this would appear to be -- and correct me if this is wrong -- the first Executive Order that FWC entered after the BP oil spill with respect to the oyster fishery?
A. Correct.

MR. ECHOLS: And if we could pull that up, please.
BY MR. ECHOLS:
Q. Since we'll be looking at a number of these, if we just describe the format at the top; and then we won't have to repeat it.

Could you explain just the basic terminology, the way this is set forth in the first two lines here of the description?
A. Sir, are you referring to Oysters, Apalachicola Bay, Executive Order.
Q. Yes, sir. If you could just sort of walk across for the Court, so we'll just do it once; and we won't have to do it for each of the other ones, at least that part.
A. Okay. These are Orders that are granted to the THE REPORTING GROUP

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executive director and designees that allow for changes in regulations for the Florida Constitution. And the codification you see here is -- references the order to which they were done. Like, for instance, No. 10-19 should reflect 2010, the 19th Order issued for that year, and then references the statute on which the regulation is based, and then its effective and expiration term.
Q. Got it. So in particular on this one where we have effective May 20, 2010, and then expired June 1, 2010, this would have been in place for that 10 days or so. Is that right?
A. Yeah. I believe -- yes, $\mathbf{1 0}$-plus.
Q. 10 or 11 ?
A. Right.
Q. Right. Let me just read this here. It says, opened the summer harvest season for oysters in Apalachicola Bay to relieve economic hardships on the commercial fishing industry that may have occurred in the area due to the BP Deepwater Horizon oil spill.

Would you explain, please, sir, what is meant here by to relieve economic hardships on the commercial fishing industry that may have THE REPORTING GROUP

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A. I'll do my best to summarize my understanding of that. The proceeding was the entire coast of the Gulf was under some duress or potential threat from the actual oil entering in there. And as part of that, there were some measures taken to allow for folks to harvest in this time period on a -- on a -- in areas that may have typically not been harvested until winter or summer, depending. Most -- most of that is because of public safety issues of summer or winter laws.
Q. And is it right the summer season generally is June, July, and August; and then the winter season begins in September. Is that right?
A. September 1.
Q. And there are, as you said, certain oyster bars will be designated as being able to be harvested only in one season and not during the other?
A. Correct. For public safety, human health safety issues.
Q. And, likewise, the break between having an oyster bar harvested during one of the seasons gives the oyster bar an opportunity to recover from the harvesting, too. Does it not?
A. I -- I would stick with saying that the reason THE REPORTING GROUP Mason \& Lockhart
why they're generally closed is for mostly public health and safety reasons.
Q. Okay. It has nothing to do with the recovery of the resources?
A. The summer and winter bars really are not related to recovery of the population.
Q. Okay. Let's go down, if we could, please, to the next Order. So this Order we just read was dated May 20; and, you know, the oil spill was April 21. This Order here says it's effective June 5, 2010; and let me read it here.

Opened harvest for oysters in Apalachicola Bay on Saturdays to relieve economic hardships on the commercial fishing industry that may have occurred in the area due to the BP Deepwater Horizon oil spill.

Is it correct, sir, that this Order was changing the normal time when -- or period during which harvest could take place to make Saturdays available to harvest, whereas, otherwise you couldn't?
A. I would -- I would want to refer back to the original statute; but based on this language, $I$ think it's a safe assumption that this was opening Saturdays when it may have otherwise not THE REPORTING GROUP
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## been per rule.

Q. And similar, as you testified earlier, that's given the concerns because of the BP oil spill. Right?
A. The -- what was thought to be an imminent threat.
Q. And if we go down one more Order, please, so here we've got an Order effective June 18. And it says, opened harvest for oysters in Apalachicola Bay seven days a week and opened the winter harvesting areas to help relieve economic hardships on the commercial fishing industry that may have occurred in the area due to the BP Deepwater Horizon oil spill.

So here we were just talking about the winter bars and the summer bars. And is it correct that what this Order is doing is opening winter harvesting areas that normally wouldn't be opened until September 1, but it's opening them here effective June 18. Is that right?
A. That's correct.
Q. And so normally there would have been a period of June, July, and August when nobody would be able to legally harvest those bars; is that right?
A. That's correct.
Q. And in this instance, that period of -- of relief

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from harvest pressure is being removed?
A. I'm sorry, sir. What's the question?
Q. I'm sorry. So based on this Order then, rather than these oyster bars -- based on this Order then, rather than the oyster bars being free of harvesting for these three months, now the oystermen would harvest them during June, July and August?
A. Yes, because typically for health safety reasons they will not be.
Q. Let me ask you, if I could, about the next Order, which does not apply -- tell me if I'm
incorrect -- doesn't apply to Apalachicola Bay. Would you please -- this refers to Pensacola Bay. Do you see that?
A. Yes, sir.
Q. And we have also here -- and I guess just for simplicity, I'll read it. It says, opened areas for harvest in the Escambia and Santa Rosa Counties in order to relieve economic hardships, and continuing on, as had been there previously.

Now, Escambia and Santa Rosa Counties don't entail Apalachicola Bay; do they?
A. No, sir. They're geographically distinct.
Q. And -- but there's oyster harvesting in those THE REPORTING GROUP

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A. Yes. Yes, there is.
Q. And like FWC did with respect to Apalachicola Bay, it also opened these areas in these other counties to allow oystermen to fish in those areas because of the potential threat of the oil spill. Is that right?
A. Yes, for the same reasons $I$ mentioned earlier.
Q. I think we can skip the next one below, which allows fishermen to be able to stow tongs on their vessels. And if we could, go to the next one that says, effective September 1. And this particular Order says that, effective September 1, it allows the commercial harvest of oysters in Apalachicola Bay, Florida, seven days per week.

Now, this was a standard Order; right? This was not an expansion of the harvesting windows, or was it?
A. I believe for the same principles, it was an expansion of the allowable harvest times.
Q. I'm sorry. Did you say it was an expansion?
A. I believe it is, to the best of my recollection again, without referring back to the rule.
Q. Okay. Let me -- if we could, please, turn to -THE REPORTING GROUP

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so this Order is effective September 1, 2011. If you wouldn't mind turning briefly to tab 3 in your binder, sir --
A. Okay.
Q. -- and you will see the -- at the top there, sir, that this is the oyster resource assessment report for Apalachicola Bay, 2011. Do you see that?
A. I do.
Q. And these are the resource assessment reports that DACS puts together and then makes available to FWC for consideration in establishing any harvesting limitations; is that right?
A. The reports do vary in format; but the standard protocol is utilized to assess oysters that inform us as the regulators. Correct.
Q. And if we look down, please, to the last sentence of the first paragraph, do you see it says, this report summarizes oyster resource surveys conducted by the Division of Aquaculture from 2009 through September 2011. Right?
A. Yes, sir.
Q. And September 2011, that's the same time frame as the last Order that we were looking at. Right?
A. Yes.

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Q. Now, I'm not sure if you were here for this part of Mr. Berrigan's testimony; but he explained that these are public documents. They even get published in the newspaper and the like?
A. I would defer to Mr. Berrigan on how it's distributed, sir.
Q. Okay. Would you agree at least that the -- these documents prepared by DACS, including their resource assessments, are available to FWC; are they not?
A. Yes, they are.
Q. If you wouldn't mind looking, please, to page 3 of this document, and if you could go down to the paragraph that begins, production estimates, are you with me?
A. Yes, sir.
Q. If you would go to the third sentence of that paragraph beginning although production estimates; and it says, although production estimates exceeded 300 bags per acre on both reef complexes, estimated oyster population parameters on Cat Point Bar and Dry Bar suggest that stocks are not sufficiently abundant at this time to support intense commercial harvesting throughout the winter harvesting season.

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It's correct, as we just discussed, that the winter harvesting season typically begins at September 1 ?
A. Correct.
Q. And is this the type of information that FWC would consider in determining what restrictions, if any, to place on harvesting seasons?
A. We utilize the DACS protocols to inform us. Correct.
Q. And would that -- the DACS protocols and format include this type of information that is set forth here stating that the estimated oyster population parameters suggest that stocks are not sufficiently abundant at this time to support intense commercial harvesting throughout the winter harvesting season?
A. It states that -- usually the line is $\mathbf{3 0 0}$ bags per acre on commercial harvesting. So I'm unclear as to why they draw that conclusion.
Q. But it would be within FWC's authority if it determined that it made sense to impose restrictions on the harvesting based on the information that is being provided to it by DACS?
A. Yes. We review their information in making a determination.

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Q. If we could turn to the next page, page 4, please, and I'm only going to do one sentence in this. As I said, I don't want to repeat things here.

At the very, very bottom of this page there's a sentence that begins however, and then it continues onto page 5 . It states, however, it remains uncertain whether oyster populations on Cat Point and East Hole Bars can sustain concentrated harvesting effort for the remainder of the winter harvesting season.

And, again, I ask you, sir, is this the type of information that DACS would provide to assist FWC in determining whether to impose any limits on harvesting availability?
A. Yes. The reports are utilized to make the determination of harvesting.

MR. ECHOLS: Can we move to our demonstrative, please, slide 2.

MS. WINE: Your Honor, I would just note that we spoke with Georgia's counsel yesterday and asked to exchange demonstratives or any compilation. They did share with us a few. This was not among what they shared with us. I haven't reviewed it THE REPORTING GROUP Mason \& Lockhart

oystermen to fish at Cat Point or East Hole or any other oyster bar?
A. They -- that's correct; but -- they were allowed within the existing regulations and bag limits and size limits, et cetera.
Q. Correct. And those existing regulations being 20 bags per person and the 3 -inch size limit. Right?
A. With some tolerance in undersize allowance.
Q. Right, with the tolerance for those that were attached and a 5 percent additional, I believe, if it's --
A. 5 percent, that's correct.
Q. -- in the bag?

All right. Let's go back then to --
MR. ECHOLS: And we can take this down.
BY MR. ECHOLS:
Q. Let's go back then, please, to our list of the Orders in tab 2 where we were before. And if we could go down, please, one more Order. And this would be the line item about two-thirds of the way down that states effective June 1, 2012. Are you with me, sir, which is on this page 13 of 17 .
A. I'm there. I'm having difficulty finding it. THE REPORTING GROUP

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## Excuse me.

Q. Yes. Those kind of all run together.
A. Effective June 1, 2012.
Q. Yes, sir.
A. Thank you.
Q. Okay. And when we look at this effective June 1, 2012, Order, it states, allow oyster harvest seven days a week, year-round in Apalachicola Bay by removing language that prohibits harvest of oysters on Fridays and Saturdays June 1 through August 31 and Saturdays and Sundays September 1 through November 15.

Do you see that?
A. I do.
Q. Does that mean, sir, that before this Order was entered in June 2012, it was the case that in the summer harvesting season, oysters were previously not permitted to be harvested on Fridays and Saturdays?
A. Again, counsel, I would want to review back to the statute; but it would imply that through this title. Correct.
Q. And then similarly, the part below, at least referring to the first month-and-a-half of the winter season, it would suggest that normally THE REPORTING GROUP Mason \& Lockhart
oystermen would not be able to harvest on Saturdays and Sundays during that first part of the winter harvesting season; but this Order is taking away that limitation?
A. That's what it states, yes.
Q. And what at this point in time, sir, was the conservation rationale that FWC was employing for allowing these additional days of harvesting, given the warnings that were present in the DACS report of the condition of the oyster resource?
A. I'm sorry. Can you state the question a little more succinctly, please?
Q. Sure. FWC is responsible with properly managing and conserving wildlife resources?
A. That's correct.
Q. And what was the conservation rationale at this point in time given the warning about the status of the oyster resource? What conservation rationale drove FWC to make these additional days of harvesting available here in June 2012?
A. Well, there's -- there's a number of factors that would weigh into that. One is how the oystermen are -- what they're harvesting, what -- what they were getting out there. Part of the rationale is here is with the collapse and with the -- you THE REPORTING GROUP Mason \& Lockhart
know, the loss of the proper environment, it was -- they needed to go and harvest those oysters; or they would likely suffer mortality. So I think it was in response to those factors.
Q. But at this point in time we had not yet had the August 2012 DACS report that brought to FWC's attention the dire status of the oyster resource. Correct?
A. I believe that -- the dates do not align. Correct.
Q. All right. So here we are -- we're in June 2012. And the last piece of information, at least in the official state documents that's been provided to FWC, is the September 2011 DACS report which warns that Cat Point and East Hole, the two most commercially-productive oyster bars in Apalachicola Bay, may not be able -- it was uncertain whether they would be able to sustain intensive and concentrated harvesting. Right?
A. It did report it was uncertain.
Q. And given that uncertainty and the management responsibility that FWC had to conserve and manage the wildlife resources, why is FWC opening up additional days of harvesting here in mid-2012?

|  | 1218 |  | 1220 |
| :---: | :---: | :---: | :---: |
|  | A. Again, there's a number of factors that could | 1 | A. Is that a question, sir? |
| 2 | play into that; and I'm not absolutely certain of | 2 | Q. Yes, sir. |
| 3 | those details. But it's based on, you know, the | 3 | A. It would allow the fishermen to have more time to |
| 4 | information we get from the protocol, what's | 4 | utilize their license. |
| 5 | going on with the market, what's going on with | 5 | Q. Okay. We're up to August 2012. If I could ask |
| 6 | other environmental conditions. That's the best | 6 | you, please, to look to tab 5 in your binder. |
| 7 | answer I have for you, counsel, on that. | 7 | A. Okay. I'm there. |
| 8 | Q. Would it be fair to say that it's not -- since | 8 | MR. ECHOLS: And for the record, at |
| 910 | we're talking about additional harvesting days, | 9 | tab 5 we have GX-426. |
|  | it's not designed for a conservation purpose? | 10 | BY MR. ECHOLS: |
| 11 | A. I don't think that's a fair statement. | 11 | Q. And as is always a bit of a hassle, it's a string |
| 12 | Q. Let's go down one more Order, if we could, | 12 | of e-mails; and so to get the sequence, you have |
| 13 | please. Now, is it correct, sir, that in order | 13 | to go to the back end first and work your way |
| 14 | to harvest oysters in Apalachicola Bay, you need | 14 | forward. |
| 15 | to have a license? | 15 | And so at least temporally the first e-mail, |
| 16 | A. Yes. You have to have a saltwater product | 16 | if you're with me, sir, would be from Leslie |
| 17 | license as well as a special Apalachicola Bay | 17 | Palmer dated August 10, 2012, at 8:58 a.m. Are |
| 18 | license. | 18 | you with me? |
| 19 | And I think you were here and we were both here when Major Beaton was testifying a moment ago | 19 | A. Yes. |
| 20 |  | 20 | Q. And this e-mail is going to David Heil and |
| 21 | about the number of licenses that were available, | 21 | Mr. Berrigan. Do you see that? |
| 22 | were issued during this period. Do you recall | 22 | A. I do see it. |
| 23 | that testimony? | 23 | Q. Excuse me. And the subject line here is Draft |
| 24 | A. I recall the -- generally the testimony. I don't | 24 | Apalachicola Bay Oyster Resource Assessment. |
| 25 | recall verbatim. | 25 | Who, sir, is Jessica McCawley? |
|  | THE REPORTING GROUP |  | THE REPORTING GROUP |
|  | Mason \& Lockhart |  | Mason \& Lockhart |
|  | 1219 |  | 1221 |
|  | Sure. And this particular Order here that's effective -- that's effective on July 1, 2012, is | 1 | A. Jessica is our director of Marine Fish |
| 2 |  | 2 | Management. |
| 3 | it correct that the way the Court should | 3 | Q. That's at FWC? |
| 4 | interpret this is this is providing an additional | 4 | A. At FWC, correct. |
| 5 | two weeks to oystermen to be able to apply to get | 5 | Q. If we could go to the text of the e-mail from |
| 6 | a license in order to harvest in Apalachicola | 6 | Ms. Palmer, who is identified here as the |
| 7 | Bay? | 7 | director of the Division of Aquaculture. And so |
| 8 | Is this the one that's highlighted on the screen, sir? | 8 | we are here in August of 2012. And Ms. Palmer is |
| 9 |  | 9 | writing to Jessica McCawley, wanted to make sure |
| 10 | Q. Yes, sir. It says, extended the licensing period | 10 | you see a draft copy of annual AB, Apalachicola |
| 11 | for the 2011-2012 saltwater product license | 11 | Bay, oyster assessment report. Commissioner |
| 12 | associated with the Apalachicola Bay oyster | 12 | Putnam may call Nick Wiley about this so wanted |
| 13 | harvesting license from June 30, 2012, until | 13 | to be -- to make sure you had a copy. We will be |
| 14 | July 13, 2012. Right? | 14 | diving some of our new plants next week, which |
| 15 | A. Correct. | 15 | should be in better shape but certainly not by |
| 16 | Q. So normally the ability to get one of these | 16 | much. This has not yet been released to Franklin |
| 17 | saltwater product licenses would cut off June 30; | 17 | County as it is still in draft form. And we want |
| 18 | is that right? | 18 | to make sure you have a chance to review prior to |
| 19 | A. I take that from the language here, yes. | 19 | release. Give me a call if you need more |
| 20 | Q. But the Executive Orders that FWC entered gave | 20 | information or want to discuss further. |
| 21 | fishermen, oystermen, another two weeks to get a | 21 | And if you would look to the attachment, if |
| 22 | license? | 22 | you would confirm for me that it appears at least |
| 23 | A. That's correct. | 23 | to be a draft of that August 2012 report that |
| 24 | Q. Making more time, more licenses available for | 24 | brought to FWC's attention the dire condition of |
| 25 | people to be able to fish in Apalachicola Bay? | 25 | the oyster resource? |
|  | THE REPORTING GROUP |  | THE REPORTING GROUP |
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A. I would agree this attachment appears to be a draft of that report.
Q. And, again, this is one of those resource assessment reports that DACS puts together, provides to FWC to assist it in managing the fishery?
A. Correct.
Q. If we could go up a couple of e-mails actually to the top, just to track this, you have got the e-mail to Ms. McCawley. Then this gets forwarded by Mr. Heil. And then it continues up the chain to -- at the very top you see we've got an e-mail from Jim Estes.
A. I'm sorry. I was reading some of the chain there to put it in proper context. Yes, sir. I'm sorry.
Q. No. And, of course, in any of these, feel free to direct me if it would assist the Court to understand what's taking place.
A. I'm sorry, sir. Go ahead.
Q. Are you with me on the top one now?
A. Yes.
Q. Okay. So at the very top now we've got Jim Estes, who is the assistant executive director of FWC; is that right?

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A. No. Jim is the -- he's the deputy director for the Marine Fish division.
Q. Okay. Yes. Then we have Nick Wiley who is the executive director. Correct?
A. Yes, that's correct.
Q. Very good. If we could highlight what Jim is writing to Nick, cc'ing a couple of other folks, he writes, you may get a call from Commissioner Putnam about low numbers of oysters in Apalachicola Bay, lowest in 20 years in some areas. The commissioner may ask us to close the fishery on the weekends, which we can do per citing the statute below, or take more restrictive measures. I know you are busy today, but would you like to talk to me and/or David about this?
Do you see that?
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A. I do.
Q. And Commissioner Putnam, that would refer to the commissioner of the Department of Agriculture and Consumer Services?
A. That's correct.
Q. And it notes here that the commissioner may ask us, which I -- would you take that to be FWC?
A. I think that's a safe assumption. THE REPORTING GROUP Mason \& Lockhart
Q. And would it be within the power of FWC at this time to close the fishery on weekends?
A. Sure. We have that authority to do that.
Q. And then Mr. Estes also says that the commissioner might ask that FWC take more restrictive measures. And under FWC's constitutional authority, they're able to impose restrictive measures to protect and conserve and manage the oyster resource. Right?
A. Yes. It's indicated there in our string of Executive Orders that restrict it beyond that -from this point forward.
Q. And here we have -- this is August 2012, right around the time of this DACS oyster assessment report being issued. Right?
A. This was the time it was being discovered about the collapse. Correct.

MR. ECHOLS: I'm sure I'm screwing something up here. Apologies.
BY MR. ECHOLS:
Q. All right. If we could go back, please, to the tab 2, which is our list of Executive Orders, on that page 13 of 17 , and where we had left off was at the effective July 1 Order, which is about fourth from the bottom that would extend the THE REPORTING GROUP Mason \& Lockhart
licensing period. Do you recall that?
A. I do.
Q. And the next one in sequence goes down which is effective October 1, 2012. And would your understanding of the way these Orders work and are listed on the FWC website be that this is the sequential -- that this is the sequence by date as to when they're entered?
A. That's what our website intends to do.
Q. So now, the next one we have hit here is October 2012. But the -- the report was transmitted -the draft report was transmitted to FWC in August 2012. Do you recall that?
A. Yes.
Q. And so in -- we don't have an Order from August 2012 that imposed any restrictions on oyster harvesting, nor an Order imposing any restrictions on oyster harvesting in September 2012. Would you agree with me?
A. I would agree.
Q. Now, this Order actually says Bay County. And it states, lowered the commercial bag limit for oysters in Bay County from 20 to 1060 -pound bags per person or vessel, whichever is less, for the month of October.

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## Can we refer to that?

Q. Absolutely, yes. If you wouldn't mind looking, please, to tab 4 in your binder.
A. Yes, correct. I couldn't recall if it was September 5 or 6. It's September 6.
Q. Right. And this is JX-77, which we spent some time with Mr. Berrigan on; and so I don't want to belabor it. But if we look at the first couple of paragraphs here, do you see that Governor Scott is writing to the federal government stating, on behalf of Florida's oyster industry, I respectfully request that you declare a commercial fishery failure due to a fishery resource disaster for Florida's oyster harvesting areas in the Gulf of Mexico, particularly those in Apalachicola Bay.

Do you see that?
A. I do.
Q. And we just looked at that Executive Order a bit ago that applied to Bay County. And here, the Governor's request is asking for a fishery resource disaster in the harvesting areas in the Gulf of Mexico. Do you understand that to be broader than Apalachicola Bay?
A. I understand it to say particularly those in THE REPORTING GROUP Mason \& Lockhart

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Apalachicola Bay. This was the initial letter to -- to ask the Department of Commerce to begin looking into this.
Q. Okay. Do you recall, in fact, that that was the case, that the disaster declaration request sought that a disaster -- fishery disaster be declared for more than Apalachicola Bay, but to also cover other counties in Florida?
A. By the language alone, that would be a reasonable conclusion. But I think the context clearly states Apalachicola Bay is the main concern.
Q. And separate and apart from this particular letter, as I know you're going to provide testimony about the FWC report and the dealings with the federal government, it is true, is it not, that the disaster declaration request to the federal government covered all of the oyster harvesting areas in the Panhandle or the Gulf area of Florida, not just Apalachicola. Right?
A. That's, by the way it's written, correct. It's the Gulf of Mexico, particularly those in Apalachicola Bay.
Q. And if we go into the next paragraph, the last -second to the last -- I'm sorry -- second sentence, it states, recent oyster resource

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assessments indicate that the outlook for the 2012-2013 harvesting season is poor and unlikely to sustain commercial harvesting levels.

And that would be information based on the DACS resource assessments. Would that be your read of that?
A. That -- those assessments plus, I'm sure, collaboration amongst a lot of the staff as well.
Q. And when you say collaboration among staff, you mean among FWC staff with DACS?
A. There is collaboration with DACS and FWC and others that may have expertise, including some of the folks out on the water. That's what
Mr. Beaton was testifying to earlier.
Q. In your written testimony in paragraph 39 --
A. Yes, sir.
Q. -- you state there, sir, when FWC looked at the 2012 data on oyster abundance at the major oyster bars in the bay and compared it to prior years, we knew immediately that the fishery was experiencing a major collapse.

Is that accurate?
A. Yes. And particularly if you -- the figure that follows it demonstrates that visually.
Q. And, sir, despite the fact that FWC knew THE REPORTING GROUP Mason \& Lockhart
immediately that there was a major collapse taking place, it didn't enter any Orders restricting harvest in Apalachicola Bay for two-and-a-half more months?
A. Those orders, as we've already discussed, were entered into a couple months later. However, the collapse had already occurred.
Q. Although the collapse had already occurred, FWC thought that it made sense to enter an Order restricting harvesting on Saturdays and Sundays during this winter season. Right?
A. That's correct.
Q. So there was still, I take it, a conservation rationale for entering such an Order in November 2012 when FWC issued it; was there not?
A. The conservation effort would be twofold, if $I$ may. One would be to try to do progressive management to allow for recovery of the bay. But also as part of fisheries managers, you're often responsible for equally distributing that amongst the folks that would be out there harvesting. So those are two points that would be considered in an Executive Order, amongst others.
Q. Let's go to a different kind of document than what we have been looking at before. I'm going THE REPORTING GROUP

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to keep this in a chronological date sequence.
If you wouldn't mind, please, sir, turning to tab 6 in your binder.
A. Okay. I'm there.

MR. ECHOLS: And for the record, tab 6 is $\mathrm{JX}-81$.
BY MR. ECHOLS:
Q. And can you -- strike that.

Now, JX-81, sir, as you see, is a PowerPoint presentation with the text below it on the pages. Right?
A. Yes. The slide notes; correct.
Q. Yes, the slide notes; that's right.

And this is a presentation that FWC was giving to the Florida Fish and Wildlife Conservation Commission, the commissioners?
A. It appears that that's what it is, yes.
Q. And I think, as you explained in your direct testimony, there are seven commissioners of FWC that are appointed by the Governor?
A. Yes.
Q. And these commissioners meet approximately five times a year to get reports from staff?
A. That's correct.
Q. And you would expect that this would be one of THE REPORTING GROUP Mason \& Lockhart
these types of reports that FWC staff is providing to the commissioners?
A. It looks -- yes, it looks very similar to what would be presented to our commissioners.
Q. And at the bottom of this page, you can see that it has -- the authors are listed as Michelle Sempsrott, Mason Smith, and then we have David Heil and Jim Estes there. Right?
A. Correct.
Q. And are all of these -- we know David Heil; and we know Jim Estes. Are -- Ms. Sempsrott and Mr. Smith, are they also FWC employees?
A. I know who Mr. Smith is. Ms. Sempsrott's name doesn't necessarily -- I don't recollect. She very well could be.
Q. And if we go to the slide itself, you will see the title. It says Apalachicola Bay Issues -Oysters Review and Discussion and that it's dated December 5, 2012. And is it accurate with your recollection that Mr. Heil gave this presentation?
A. I don't know if Mr. Heil gave the presentation or if Mr. Estes did.
Q. But you would expect that one or either or both of them?

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A. Well, actually, a lot of times in our Marine Fish issues, we -- our director, she may do it, Jessica McCawley. I'm not sure who the presenter was.
Q. If you can go, sir, in that paragraph -- so you have the update; and then you have the paragraph beginning in July 2012. It references the DACS survey. If you go to the next sentence beginning the purpose.
A. Okay.
Q. And it states there, sir, the purpose of this report is to provide an overview of the
Apalachicola Basin and the importance of Apalachicola Bay oysters, review oyster management, and the findings of the FDACS monitoring report, and explain how the issue is impacting other counties along Florida's northern Gulf coast.

And it is consistent with your recollection, is it not, sir, that the -- the drought was impacting other counties beyond Franklin County and their oyster populations?
A. I -- would you state that question again?
Q. Sure. It says on here that there's -- the report is going to explain how the issue is impacting THE REPORTING GROUP Mason \& Lockhart
other counties along Florida's northern Gulf coast. And it's accurate that other counties -outside of Franklin County where you have Apalachicola Bay, other counties were having problems with their oyster populations, too?
A. I -- I don't know enough about that to testify on that. I would think perhaps Mr. Berrigan or others that have spoken. But clearly in this PowerPoint it states that, you're correct, on the counties along Florida's northern Gulf coast. I don't know to what extent and what counties they're referring to.
Q. Okay. I think it's -- I think it's inside.

We'll get to the page.
A. Okay.
Q. And this is the FWC presentation. Right?
A. Yes.
Q. We'll go to page 2 of the presentation.

MR. ECHOLS: And with apologies, this is a black and white.

BY MR. ECHOLS:
Q. But I'm less interested in the slide, which has a picture -- a poor picture of Apalachicola River Basin. If we go to the bottom paragraph there, the paragraph beginning along the Chattahoochee, THE REPORTING GROUP

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## are you with me, sir?

A. Yes.
Q. It states here, along the Chattahoochee River that flows through Georgia, there are four dams that greatly affect the flow of the entire river system down to the Apalachicola Bay system. The largest is Buford Dam which forms Lake Lanier located north of Atlanta. Lake Lanier accounts for over 60 percent of the water storage in the ACF Basin. Therefore, the amount of fresh water released out of the reservoir affects Florida's fisheries in the Apalachicola Bay system.

You are familiar, sir, with the fact that there are these dams operated by the Army Corps of Engineers up and down the Chattahoochee?
A. Yes.
Q. Where it says in the very last portion of this sentence that -- after the semicolon, therefore, the amount of fresh water released out of the reservoir affects Florida's fisheries in the Apalachicola Bay system, do you understand that to refer to being released by the Army Corps of Engineers?
A. I suppose you could draw that conclusion.
Q. Is there a different conclusion that you would THE REPORTING GROUP Mason \& Lockhart
draw?
A. I -- well, I wasn't the author of this; and I don't know. But a lot of times when staff writes notes in presentations, sometimes they will either overstate or make broad statements. And so I'm a little hesitant to go to that succinct a description of what this intends to convey.
Q. One of the presenters here is Mr. Estes who reports to someone above him who then reports to you --
A. Correct.
Q. -- at FWC?
A. Yes.
Q. And it is a true statement, is it not, sir, that -- that Corps releases of fresh water out of the reservoir affect Florida's fisheries?
A. It's true that the release of waters affect Florida's waters which I think the presumption is that would affect the fisheries.
Q. If you wouldn't mind, we can turn in two pages. I -- I would expect your counsel may, you know, ask you questions about the next one; but I'm just going to try to get through my part and let her do that one.

The page I'm interested in next is -- just THE REPORTING GROUP
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briefly to touch upon is the one that says Oyster Management in Florida. It's page 4.
A. Yes, sir.
Q. And this is just very generic, I think along the lines of what we have talked about before. As far as the distribution of the responsibilities among the agencies, FWC and FDACS, as you see on the top slide -- probably it's just simplest
to -- the second paragraph down where it says, FWC is responsible?
A. Yes. I'm there.
Q. Okay. FWC is responsible for issuing commercial fishing licenses and establishing seasons, harvest limits, that is, quotas and bag possession limits, gear restrictions, and closed areas. They also provide law enforcement to enforce oyster harvesting regulations.

And all of that is correct; is it not?
A. That's correct.
Q. And if you go down two paragraphs, it starts with FDACS restores. Do you see that, sir?
A. I do.
Q. And it says, FDACS restores oyster reefs annually by depositing processed oyster shells on public oyster reefs as part of an ongoing oyster THE REPORTING GROUP Mason \& Lockhart
resource development program. The oyster culture program is assisted by laws which mandate that FDACS improve, enlarge, and protect public oyster reefs.

And that's accurate as well?
A. That's what it states; correct.
Q. And part of your direct testimony that you're offering in this case and that you will be explaining to the Court later is about the restoration efforts that the State of Florida has done with respect to the oyster reefs in Apalachicola Bay. Right?
A. Correct. To the extent I'm qualified, correct.
Q. And that's something included in your direct testimony about the amount of reshelling or cultching that was done?
A. As a general practice, correct.
Q. Yes.

If we could go, please, into the next page, page 5, and if we could go in the note -- the slide notes below to the paragraph beginning, stress factors. And for the sake of efficiency, you know, I'll read this slowly so that it's done now.

Stress factors leading to the poor condition THE REPORTING GROUP
of oyster reefs in Apalachicola Bay include prolonged drought conditions and continuing low river discharge rates, which in turn lead to higher salinities in the bay.

And that's all accurate. Right?
A. Correct.
Q. Continuing, prolonged high salinity causes physiological stress on the oysters and allows for increased predation and dermo disease (dermo disease is caused by a protozoan that proliferates rapidly in higher salinities and can cause extensive mortalities amongst the oyster population).

And that's accurate, too. Right?
A. Yes.
Q. And these are things that happen during periods of drought, and that's happened in prior droughts?
A. In higher salinities.
Q. Higher salinities when there have been prior droughts and less water coming into the bay?
A. Certainly less water, correct.
Q. And then the next sentence says, intensive fishing effort on stressed oyster populations has also been identified as a contributing factor to THE REPORTING GROUP Mason \& Lockhart
the markedly reduced standing stocks of juvenile, sub-adult, and adults oysters.

And that's a true statement, too. Is it not?
A. That's a statement that was in the report.
Q. This -- this particular statement is not true like the other two?
A. It was identified as a contributing factor in the report.
Q. It is a true statement. Right?
A. Well, it's a statement that should be considered.
Q. Intensive fishing effort has also been identified as a contributing factor. That was -- that was correct; the official Florida state documents identified intensive fishing effort as a contributing factor to the markedly reduced standing stocks of juvenile, sub-adult, and adult oysters. Is that accurate?
A. Yes, sir. I'm testifying that, yes, the FDACS report did state that. Correct.
Q. And that is here in December of 2012 what Mr. Estes and Mr. Heil are telling the seven commissioners who are appointed by the Governor in this presentation to the commission. Right?
A. This presentation, $I$ assume that it was given to the commission. There are times when staff THE REPORTING GROUP Mason \& Lockhart
doesn't necessarily read these verbatim. But they are provided usually ahead of time. So it would have been provided to our commission, at least in written form.
Q. And you would expect that FWC staff, including Mr. Estes and Mr. Heil, intended to provide the commission accurate information. Would you not?
A. They would want to provide them with a thorough and -- the points made in this report.
Q. If we could, please, sir, turn to the next page, page 6. And do you see, sir, that the slide at the top says, Issue Larger Than Apalachicola. And -- I wish I had a better picture. You were asking for a map of counties. But it does identify with a -- you know, not a very clear map; but it does identify Bay, Wakulla, Levy, Dixie, Escambia, Santa Rosa, Okaloosa, and Walton Counties. Correct?
A. It does.
Q. And then the bullets below reflect the Governor's request for a federal fishery disaster and identify, as you were explaining before, that there have been -- there had been at the time reports of high oyster mortality?
A. That's correct. That's what the presentation THE REPORTING GROUP Mason \& Lockhart
states; yes, sir.
Q. And that's information that comes into FWC or into DACS, and that is taken into account by FWC in imposing limitations on oyster harvesting when appropriate?
A. When appropriate, correct.
Q. And that's exactly what FWC decided, because you see that last bullet, and we looked at the prior Executive Order. It said Bay County requested FWC lower bag limit, and FWC did that. Do you remember that Executive Order we were looking at?
A. Based on that Executive Order of Bay County and then based on what staff is presenting to the commission, that would be a -- that could be a conclusion.
Q. Well, is that your conclusion?
A. Well, I understand an Executive Order was issued to restrict it from 20 to 10. I'm not, you know, familiar with exactly the conversation with Bay County.
Q. But based on everything you have seen so far, that makes sense. The concerns were raised. Bay County requested, and FWC responded.
A. FWC responded, correct, in the Executive Order.
Q. Okay. If we go to the notes in the slide notes THE REPORTING GROUP

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| :---: | :---: | :---: | :---: |
|  | Q. Right. If we could look please at the -- page | 1 | year, it didn't enter a single Executive Order |
| 2 | 10. And this is the slide -- this refers to what | 2 | limiting harvesting except for the automatic one |
| 3 | we were just discussing in November. It says at | 3 | that kicked into place by statute? |
| 4 | the top, FWC closed weekend oyster harvesting. | 4 | A. Correct. The harvesting was -- yes, continued. |
| 5 | And if we go to the first paragraph of the | 5 | Q. If you wouldn't mind, sir, let's go to the very |
| 6 | notes, please, here we've got -- it's setting | 6 | last page of this document. |
| 7 | forth the FWC oyster rule. And it states the | 7 | A. I'm sorry, sir. Are you referring to the backup |
| 8 | rule and then says -- it establishes that, if | 8 | slides that |
| 9 | FDACS determines through its regular monitoring | 9 | Q. Yes, sir. The backup slides, yes. And I |
| 10 | of the abundance of oyster resources on Cat Point | 10 | understand that they are listed as backup |
| 11 | Bar and East Hole Bar in Apalachicola Bay that | 11 | material that may not have been used in the |
| 12 | such resources cannot sustain a harvest of 300 | 12 | presentation. |
| 13 | bags of oysters per acre, the harvest of oysters | 13 | A. Correct. |
| 14 | for commercial purposes from the Bay on Saturday | 14 | Q. And do you have the table or, rather, the slide |
| 15 | and Sunday of each week for the remainder of the | 15 | in the middle that says, average salinity at Cat |
| 16 | period is prohibited. Therefore, based on | 16 | Point Bar? Do you see that? |
| 17 | FDACS's August 2012 report and the October 2012 | 17 | A. I do |
| 18 | update assessment, the commission is required to | 18 | Q. And, unfortunately, we've got, like, gray and |
| 19 | close weekend harvest for the 2012/2013 harvest | 19 | dark gray as opposed to what I expected would be |
| 20 | season on these winter harvesting reefs for the | 20 | red and blue. But if you look at the notes |
| 21 | season that runs November 16, 2012, through May | 21 | below, the second -- beginning the second |
| 22 | 31, 2013. | 22 | sentence it says, the blue line represents the |
| 23 | And is that an accurate understanding of how | 23 | average salinity for the time period from 1992 |
| 24 | the code works, the FWC oyster rule, that based | 24 | through 2006 prior to implementation of the |
| 25 | on that DACS assessment of the availability, THE REPORTING GROUP Mason \& Lockhart | 25 | revised interim operations plan, RIOP. And the THE REPORTING GROUP Mason \& Lockhart |
|  | 1251 |  | 1253 |
| 1 | abundance being less than 300 bags per acre, it | 1 | red line represents the average salinity for the |
| 2 | was an automatic requirement that FWC had to | 2 | time period from 2007 through August 1, 2012, |
| 3 | close the harvesting on the weekends? | 3 | post implementation of the RIOP. |
| 4 | A. Yes. They -- 68B references the 300-bag | 4 | And here then, I guess, is the definition of |
| 5 | hreshold. | 5 | the RIOP. The RIOP defines the water management |
| 6 | Q. And so actually this took place without FWC | 6 | operations established by the Army Corps of |
| 7 | having to issue an Executive Order out of the | 7 | Engineers -- Corps -- as a result of endangered |
| 8 | ordinary because it's an automatic thing by | 8 | species consultation with the U.S. Fish and |
| 9 | statute. Right? | 9 | Wildlife Service. Do you see that? |
|  | A. That would be -- appear to be what staff is | 10 | A. I do. |
| 11 | citing. | 11 | Q. And so here, what is being discussed in the |
| 12 | Q. So separate and apart from this automati | 12 | backup slides, recognizing it's not clear whether |
| 13 | requirement by statute which limited the weekend | 13 | the commission saw this or not, is that the |
| 14 | harvest of oysters in Apalachicola Bay, FWC of | 14 | document which defines the water management |
| 15 | its own volition, within its own authority, did | 15 | operations established by the Corps is being |
| 16 | not enter any Orders at all restricting harvest | 16 | identified as having an effect on salinity in the |
| 17 | in Apalachicola Bay at the end of 2012 here? | 17 | bay at Cat Point Bar? |
| 18 | A. There were a series of Executive Orders beyond | 18 | A. If I may read, please. |
| 19 | this point, however, restricting harvest. | 19 | Q. Yes, absolutely. |
| 20 | Q. Right. But here in August 2012 FWC immediately, | 20 | A. And, I'm sorry, counsel. Your question? |
| 21 | you have testified in your direct, knew that | 21 | Q. Would it be an accurate understanding or |
| 22 | there was a fishery collapse. Right? | 22 | interpretation of this particular page that FWC |
| 23 | A. Yes. | 23 | staff is identifying the RIOP, the Corps's water |
| 24 | Q. And so from August when FWC immediately knew | 24 | management operations, as having an impact on |
| 25 | there was a fishery collapse until the end of the | 25 | salinity in the Bay at Cat Point Bar? |
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A. They're stating that there's the preimposed -this operation plan affected salinities.
Q. And this operation plan being the operation -the water management operation plan that the Corps operates under?
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A. That's what staff is referring to, it appears.
Q. And that's accurate, right?

I realize it's staff, but these are folks under you or lateral to you. These are accurate statements; are they not?
A. It certainly is what staff believes to be accurate; correct. I have no doubt to believe they wouldn't state their opinion to be accurate.
Q. And you believe it to be accurate; do you not?
A. I -- I believe they're accurately stating what they are describing in the figure.
Q. If you go to that next sentence that starts, the RIOP, it says, the RIOP describes the release schedule from Jim Woodruff Dam to the Apalachicola River. And continues, certain drought provisions require temporary deviation from the existing water control plan to provide for only minimum releases of 5,000 cubic feet per second, cfs, from Jim Woodruff Dam when specific triggers are met, that is, upstream reservoirs THE REPORTING GROUP Mason \& Lockhart

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are below a specified minimum level, zone 4. Minimum flows are effective until upstream reservoir, that is, all federal reservoirs, storage levels return to high pool levels, zone 1.

And that's also an accurate description of how the Army Corps of Engineers's drought operations occurs; is it not?
A. I'm not verbose with the RIOP. I want to be very careful with my testimony in --in making statements or interpretations from the plan on salinities and flows. I believe there are others testifying that probably would be better asked for the accuracy and statements on the Corps and their levels of water management.
Q. Well, at the most basic level though, you do know that there are drought operations that are triggered sometimes that the Corps has to follow. Right?
A. I -- yes, I'm sure there is.
Q. And those drought operations, you know, have a minimum flow requirement of the $5,000 \mathrm{cfs}$ ?
A. Again, I -- I wouldn't want to speculate on any of the details of this operation plan. I believe there will be others who testify that would THE REPORTING GROUP Mason \& Lockhart
probably speak better to that, sir.
Q. All right. But as a general matter, do you have a sense that the Corps can come out of drought operations when the upstream reservoirs have more water in them without assigning zone 1,4 , or anything like that?
A. I'm sorry. What's the question again?
Q. Sure. So you have agreed there are drought operations that you know the Corps enters into, you know, when triggered. Do you also have an understanding that the Corps can come out of drought operations and allow additional water to flow down when the upstream reservoirs are higher?
A. I would agree that would seem logical. But, again, I would -- I would definitely refer to someone else with expertise in that specific plan and operations.

MR. ECHOLS: I'm about to move to a different subject matter, your Honor. I don't know whether you think this is a good time, or if you would like me to go forward?

SPECIAL MASTER LANCASTER: How much longer do you think you will be?

MR. ECHOLS: Judge, we have a lot with THE REPORTING GROUP Mason \& Lockhart

Mr. Sutton. We'll be continuing through tomorrow.

SPECIAL MASTER LANCASTER: Well, let's go on for a few minutes longer.

MR. ECHOLS: Very good.
BY MR. ECHOLS:
Q. Okay. If you wouldn't mind, sir, turning to tab 7 of your binder.
A. Yes, sir. I'm there.
Q. And do you see, sir, earlier when we were talking about the Orders that had extended harvesting periods, you were letting me know that there were Orders subsequent to that which cut back on that. Do you recall that?
A. Yes.
Q. And here I believe we have one of those -- excuse me -- with JX-98. This is the Order No. EO 13-32. Do you see that?
A. I do.
Q. And on the upper right-hand side of this Order it says, delayed opening of the season for commercial oyster harvest for Apalachicola Bay. Correct?
A. I see that; correct.
Q. If you would, please look -- well, you know what; THE REPORTING GROUP

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## identifiers; is that right?

A. That's my understanding.
Q. And do you happen to know the 1601, 1611? Is that Cat Point, East Hole, any idea?
A. I would need to cross-reference that. I'm sorry.
Q. But in any event, so we've area 1642 , which was closed for health reasons. And it states, in order to ensure increased harvest effort does not lead to unsustainable harvest rates. Could you explain to the Court, please, what did FWC in this official Executive Order mean by unsustainable harvest rates?
A. I'm just reading some of the context, sir.

Unsustainable harvest rates per statute would reference to the thresholds that are established.
That's what's defined statutorily. I'm unclear as to what the definition of staff would have been or -- and the Executive Order is unsustainable in this Executive Order particularly.
Q. In a very commonsense manner, would you agree that this is saying that FWC is trying to protect these two areas from being overfished while this other area is closed for health reasons?
A. I think that it's reasonable that we would be THE REPORTING GROUP Mason \& Lockhart
trying to manage the production and the harvesting amongst the fishers and those that depend on it.
Q. And that's -- I mean, that's a beneficial or good exercise of FWC's authority. Right?
A. Yes, in certain circumstances.
Q. And to -- this is an example of deploying the full scope of FWC's authority to ensure that the oyster natural resource is protected?
A. In this particular instance based on the logic in this Executive Order.

SPECIAL MASTER LANCASTER: Is this a convenient time for a break, counsel?

MR. ECHOLS: Yes, sir. Yes, your Honor.
(Time Noted: 2:40 p.m.)
(Recess Called)
(Time Noted: 2:52 p.m.)
BY MR. ECHOLS:
Q. Sir, if I could refer you please to your written direct, paragraph 57, which is on page 18.
A. Yes, sir.
Q. And, again, along the lines as we have been doing, identifying some of the Executive Orders that FWC issued that restricted harvesting, you refer here, sir, to a May 30, 2014, Order that THE REPORTING GROUP

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the commissioner issued prohibiting commercial and recreational oyster harvesting in East Hole in the bay. Do you see that?
A. I do.
Q. And East Hole is one of the commercially important and typically commercially productive oyster bars. Correct?
A. Of the public bars, correct.
Q. Right. If you wouldn't mind, sir, in your binder turning to tab 10, if you would take a look in tab 10 and please confirm for me that this is the Order you're referring to in paragraph 57?
A. That's correct.
Q. And you can see at the top here -- and, unfortunately, small print -- it describes the Order as restrictions for June 1, 2014, through August 31, 2014, for commercial and recreational oyster harvest from the Apalachicola Bay system.

If you go in that very first paragraph
four -- five lines down to the sentence that begins these actions.
A. Yes.
Q. And there, if we can see that, it says, these actions are being taken in order to conserve oyster resources that have been depleted as a THE REPORTING GROUP

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Now, this is May 30, 2014. Correct?
A. That's correct.
Q. And we just had the wettest -- one of the wettest years on record in Florida in 2013. Is that right?
A. I don't know that statement to be correct or not, sir.
Q. Okay. We saw at least that there was the flooding. And you recall it was a wet year. Right?
A. I recall the flood event.
Q. And do you recall, too, that we were not in drought conditions in 2014?
A. I don't recall that we were.
Q. And if you go to the -- continuing on there, it states, the bag limit and prohibition of commercial harvest on Fridays and Saturdays actions are being taken to allocate the depleted resource throughout the summer. These measures will help ensure that more of the adult spawning oysters will spawn throughout the summer thereby increasing available spat in the bay for a longer time period. The closure of East Hole during the summer season is being done to help recover the THE REPORTING GROUP
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East Hole population of oysters that are showing signs of recovering.
And is that, in fact, the reason for this Executive Order being entered, at least in part, to assist in the recovery of the oyster population on East Hole, this commercially-important bar, that are showing signs of recovery?
A. Certainly as it's written. So, yes, if that's how it's written in the Executive Order, that's a primary reason.
Q. And that would be consistent with your understanding, you know, having worked for FWC and working for Mr. Wiley, that this makes sense to do, to close a bar for some period of time while the oysters -- and if the oysters appear to be in the process of recovery?
A. That's what the Executive Order states. I have no reason to argue against that.
Q. Separate and apart from the Executive Order -- we don't have to be tied to it -- but that's consistent with your understanding as a FWC official. Is it not?
A. My understanding as an FWC official is that's the logic we utilized in doing this Executive Order.
Q. And as a very general matter, oyster bars can use THE REPORTING GROUP Mason \& Lockhart
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> time to recover by being closed from time to time. Can they not?
> A. Certainly that's one of the methods you could utilize.
> Q. And then if you go down -- let's see -- to paragraph No. 2, and tell me if you read this the same way. I think this is broader than East Hole. It says, notwithstanding anything to the contrary -- and then cites the statute -beginning on June 1, 2014, and continuing through August 31,2014, commercial harvest for oysters is prohibited on Friday and Saturday of each week.
> Now, do you read that, sir, to be in addition to the East Hole closure, which appears to be complete?
> So harvesting can still take place in the rest of the bay, but it cannot take place on Friday and Saturday. Is that a correct reading of that?
> A. That's my interpretation.
> Q. So there is -- at this point in time in May 2014 , some harvesting is still taking place. The bay is not entirely closed. Right?
A. That's correct.

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Q. And if you look at the bottom, the period of time when this applies runs from June through September. So that's the summer harvesting season. Is that the way you would read that?
A. Yes.
Q. You testify in your written direct, sir, about check stations. Do you recall that?
A. Yes.
Q. And would you mind describing in your own words for the Court what a check station is?
A. Check stations are manned areas where the folks will bring in the oysters; and then they have to be measured and then -- with either law enforcement or folks that are law enforcement related to ensure that they're the right size. And then they're tagged for the bag.
Q. And is the purpose of the check stations, therefore, to ensure that oystermen are not harvesting undersized oysters?
A. That's one of the tools in the law enforcement toolbox.
Q. And would it be accurate as well that to the extent that, you know, the oystermen have to have their bags checked, this would help to ensure that they're not taking more bags than they're THE REPORTING GROUP Mason \& Lockhart permitted to?
A. I think that's a reasonable conclusion.
Q. And in your paragraph 32 of your direct, you mention -- actually, the way you state it is you say, in the event of a serious fishery collapse, for instance, FWC can require oyster monitoring stations or check stations.

But, sir you don't have to have a fishery collapse to put check stations in place; do you?
A. You wouldn't necessarily have to have that, no.
Q. That is something that's within the scope of the authority of FWC; and it could, if it chose to do that, at any point in time?
A. Yes.
Q. Can we look at the check station Order, please, briefly at tab 12 of your binder.

MR. ECHOLS: And, I'm sorry. For the record, this is FX -- Florida -- Exhibit 407.
A. Yes, sir. I'm there.
Q. Okay. And the title of the Order here is Wholesale Dealer Reporting Requirements of Wild Commercial Oysters Received From Saltwater Product License Holders from the Apalachicola Bay System, Franklin and Gulf Counties. So this is applicable in Gulf County as well? THE REPORTING GROUP Mason \& Lockhart

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| :---: | :---: | :---: | :---: |
| 1 | A. Per the Order, correct. | 1 | the oysters passed through a monitoring station |
| 2 | MR. ECHOLS: And if we could just pull | 2 | as defined by statute. |
| 3 | up, please, the paragraph numbered 1. | 3 | And so that is the way it would operate. The |
| 4 | BY MR. ECHOLS: | 4 | oysterman comes off the water with the bags of |
| 5 | Q. Now, this states here, beginning on November 1, | 5 | oysters and has to go through a desk or a |
| 6 | 2015, and continuing through March 31, 2016. Is | 6 | turnstile, whatever it might be, check in with |
| 7 | that -- is that correct, sir, that these check | 7 | the FWC enforcement person to get that bag |
| 8 | stations are being put in place only by the end | 8 | tagged? |
| 9 | of last year? | 9 | A. Yeah. They're actually all put out on the table; |
| 10 | A. That's correct. | 10 | and they're measured and then tagged -- the bags |
| 11 | Q. Even though the fishery collapse took place in or | 11 | are tagged. |
| 12 | around August 2012 and there have been efforts to | 12 | Q. And then it goes on to say, (b), immediately |
| 13 | have the oyster resource recover through 2013, | 13 | prior to processing or selling, remove and store |
| 14 | 2014, 2015, the check stations only went in in | 14 | the State of Florida tags. |
| 15 | November 2015? | 15 | So this way the dealer, the one that's buying |
| 16 | A. That's correct. | 16 | the oysters, this is forcing them to ensure that |
| 17 | Q. And the purpose of the check stations is to try | 17 | the oysters are compliant with having gone |
| 18 | to ensure that sub-legal, you know, illegal, too | 18 | through the check station. Right? |
| 19 | small oysters are not harvested? | 19 | They're the ones that have to take these tags |
| 20 | A. Well, one -- | 20 | and keep them? |
| 21 | Q. One purpose? | 21 | A. Correct. |
| 22 | A. That would be one purpose. | 22 | Q. And then it goes to say, (c), provide the State |
| 23 | Q. Another purpose is to ensure that oystermen are | 23 | of Florida tags to commission-authorized |
| 24 | not harvesting too many oysters. Right? | 24 | personnel on a daily basis or as requested. |
| 25 | A. Yes. And -- and per the testimony of Major | 25 | And then further, upon request, provide |
|  | THE REPORTING GROUP |  | THE REPORTING GROUP |
|  | Mason \& Lockhart |  | Mason \& Lockhart |
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| 1 | Beaton, also it can be in response to a lot of | 1 | commission-authorized personnel a daily |
| 2 | folks out there in the community having -- | 2 | accounting of the total number of pounds of wild |
| 3 | voicing concerns and wanting the law enforcement | 3 | oysters in the shell received from a saltwater |
| 4 | presence to assure there's not, you know, any | 4 | products license holder. Right? |
| 5 | drastic overharvesting or undersize. | 5 | A. Correct. |
| 6 | Q. Was the concern of drastic overharvesting or | 6 | Q. So this is a pretty good way, would you not |
| 7 | undersize harvesting present during 2013 and | 7 | agree, to ensure that sub-legal harvesting is |
| 8 | 2014? | 8 | being controlled or prevented and also that the |
| 9 | A. Well, I -- I defer to Major Beaton's testimony | 9 | oystermen are not harvesting more oysters than |
| 10 | from what he saw from law enforcement. But | 10 | they should? |
| 11 | throughout the state I continuously hear concerns | 11 | A. It's a very resource-intensive effort that -- to |
| 12 | on a number of items; and it's up to our law | 12 | assure that folks -- I think as Major Beaton |
| 13 | enforcement to determine if that's, indeed, | 13 | pointed out, that there's not major violations |
| 14 | occurring or not. | 14 | occurring, it would be prudent to employ this for |
| 15 | Q. But at least with respect to the authority of | 15 | extensive periods of time. |
| 16 | FWC, there was nothing that prohibited FWC from | 16 | Q. And I think as Major Beaton also testified -- and |
| 17 | putting into place check stations back in 2013 | 17 | I only caught the tail end of it -- is that this |
| 18 | during the collapse? | 18 | bay is the people's lives. It's so important to |
| 19 | A. Nothing prohibited that, correct. | 19 | protect. You would agree with that. Right? |
| 20 | Q. And the way this check station process works, if | 20 | A. And I would on behalf of FWC as well. |
| 21 | you read through on this paragraph, you know, | 21 | Q. And -- and the resources of the Apalachicola -- |
| 22 | skipping some of the statutory references, the | 22 | no, this is actually your testimony, this part. |
| 23 | dealer must -- in the middle there, third | 23 | Resources of the Apalachicola Bay are so |
| 24 | sentence -- (a), only receive oysters specially | 24 | important, you would agree with that? |
| 25 | identified by a State of Florida tag indicating | 25 | A. Absolutely. |
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Q. And expending the resources, as the State did at the end of last year, to put in place the check stations was a very good management tool of the fishery?
A. I think if you look in the progression of the -what we have put in place after the crash to allow for a recovery, it's certainly a step and something to put in place for at least a period of time to validate the concerns on undersize or illegal harvest, as Major Beaton testified.
Q. Now, the oyster population has not yet recovered today; has it, sir?
A. It's my understanding it has not.
Q. But the check stations are no longer in place?
A. They were set to expire, I believe, in April of this year.
Q. Right. And now, we're in --
A. Correct.
Q. -- November. So they're gone; the check stations aren't there anymore?
A. My understanding is they are not.
Q. Is there no longer a concern about protecting against the harvest of sub-legal oysters or the overharvest of oysters?
A. There is always a concern that we're responsible THE REPORTING GROUP
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for. However -- and, again, I would defer to the testimony of law enforcement on, you know, is it a valid situation? Is that actually occurring?
Q. Is it FWC's assessment, therefore, that the -there is no -- or at least not the degree of unlawful sub-legal harvesting taking place to justify the resources of putting in place, you know, a couple people to man check stations?
A. Well, it's -- I'm not sure. I think it's more than a couple of people. But my statement is -and I agree with law enforcement. I trust them when they -- when they suspect or follow up on items, that they're going to employ the techniques they need to to make sure it isn't rampant or beyond sort of a normal practice by the fishermen.
Q. Was the -- did FWC engage in a specific cost-benefit analysis to make the determination that it would not pay for check stations to be in place now?
A. I -- I don't know that there's a specific cost-benefit analysis to tell you that. I think it's the result of -- that you see from some of the law enforcement operations to say that there isn't rampant, you know, undersize or illegal THE REPORTING GROUP

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harvest going on in -- at least in these areas of Apalachicola. I think Major Beaton's testimony stands on itself for that.
Q. Now, rather than go through the more recent -you described in your direct testimony the Orders that have been entered in the last couple of years as well. And I'm not going to walk through those. But your --

MR. ECHOLS: With apologies to Ms. Wine, I did put them on a chart. So I would just refer to it briefly.
BY MR. ECHOLS:
Q. And so, sir, if you wouldn't mind just taking a look at this. As I said, I don't intend to spend any particular time on it; but it's just meant to be the corollary to the other chart that we used showing the Orders that extended or expanded harvesting opportunities. And then what I have done is walk through here a lot of the Orders that we just discussed and I think a couple later ones as well.

For instance, near the middle of this page on the slide No. 3, you can see the June 1, 2015, Order that says, closes East Hole, lowered commercial bag limits, and limits harvesting days THE REPORTING GROUP Mason \& Lockhart
through the summer harvesting season.
Do you see that, sir?
A. I do.

MR. ECHOLS: And for the Court's
convenience as well, I've got listed at the very bottom all the sources. These are all joint exhibits that have been entered here that reflect these various Orders except -except the 1304.

BY MR. ECHOLS:
Q. And you can see then going forward, just to use this as opposed to having to go back to other documents, there were a couple Orders -- and tell me if this accords with your recollection -entered.

So June 1 of this year, 2016, the second-to-last step, it says, my understanding is there is an Executive Order that lowers commercial bag limit, closes East Hole, limits harvest Friday to Sunday, expires August 31, 2016.

Actually, that's the one that we were just looking at; isn't it, or no?
A. I don't think so.
Q. So it did happen for two years in a row. So in THE REPORTING GROUP Mason \& Lockhart


operation, almost dredging-like, to remove all the oysters because one oyster alone produces literally millions of gametes.
Q. And that's the -- that's the biological and enforcement position that FWC takes?
A. Yes. This has been resilient for decades and recovered.

And I think I would defer to Major Beaton on the opinion of the occurrence of undersize or illegal harvesting.
Q. And I take it you, yourself, are not an oyster biologist?
A. I am a -- I am a zoologist by training, which includes courses and work in population biology. But oysters are often held out to be the ultimate invertebrate that produces millions of gametes, not just a single one.
Q. And in your opinion, you know, as a zoologist with your science background, is that large-scale harvest of sub-legal oysters would not be a factor to impede the recovery of the oyster resource?
A. I believe what I am saying is that to the magnitude that would have to occur to not allow recovery in Apalachicola is -- is really high. THE REPORTING GROUP Mason \& Lockhart

That's a -- that scale is -- you would have to have a lot of people out there doing it in egregious ways, I believe is what my testimony was.
Q. Would it make sense when you receive reports or when Mr. Estes and FWC received reports at this point in time in April 2013 to put check stations in place?
A. I don't -- I would have to trust the staff in enforcement and the Executive Orders and the progressive measures we put in place as the responsible way to manage this.
Q. So there wouldn't have been anything wrong with putting check stations in place at this point in time?
A. I think I testified that there's nothing that could preclude us from doing that from an authority standpoint.
Q. If you credit what Dr. Pine is saying here, don't you think it probably would have been a good idea to put check stations in place?
A. I -- I defer to Major Beaton. I think he described very well what you're hearing, what you're seeing, and then the tools he employed. He's a sworn law enforcement officer and an THE REPORTING GROUP Mason \& Lockhart
expert in this particular area. I would defer to his testimony.
Q. But the check stations though, sir, Major Beaton doesn't have any authority as far as putting check stations in place. That has to be under signature of Nick Wiley, the executive director of FWC. Right?
A. That's correct.
Q. And so Major Beaton, I'm sure, does a fine job at what he does. But as far as FWC, would it not have made sense -- if you credit this, if you credit what Dr. Pine is saying that he's hearing, if it's true, wouldn't it have made sense for FWC and Nick Wiley, the executive director, to have issued that Order a couple of years earlier to protect against this?
A. I don't know that I would conclude that, that that's the proper measure to take based on an e-mail.
Q. Let's go down, if we could, to the bottom of that paragraph where he's got a sentence that runs into an arabic numeral 1. Do you see that?
A. I do.
Q. I'm going to skip the part about -- he's talking about reporting. But No. 1 there, the arabic THE REPORTING GROUP

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numeral, says, shouldn't some consideration be given to reducing harvest now as the fishermen are getting paid to shell and then turn around and are fishing?

And then he goes on to say, can we get an idea of the extent of illegal harvest now through some sort of enforcement surveys?

Now, the shelling that he's referring to is one of those restoration activities. Right?
A. I -- I think that's a safe assumption that's what he's referring to.
Q. And shelling is a beneficial activity, a best-management practice, and important to assist the recovery of the oyster population. Correct?
A. It works when environmental conditions are good, yes.
Q. And one of the things that -- and environmental conditions in April 2013 now, they're great. They're awesome. There's plenty of water. Right?
A. Well, if you look at a system in that short of a temporal sense, I suppose you're correct. But that's not how you look at systems ecologically.
Q. Right. You probably would want to look at it for a longer period of time, like 2013, '14 and '15,

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23 A. I would defer to Major Beaton.
24 Q. Does that sound accurate to you?
A. I would trust Major Beaton's testimony.
to do it in sequence, which is probably the easiest thing to do here.

And so again, this one, it's a May 10, 2013, e-mail from Dr. Bill Pine to Nick Wiley, executive director of FWC. Do you recognize that?
A. Yes.
Q. And he says -- after exchanging some pleasantries, if you go down to the third paragraph, he's saying to Nick, (1) make the 3-inch minimum size rule apply universally, even to dealers, an asterisk, this way you eliminate the current legal market for an illegally harvested product.

Now, that's what Major Beaton was testifying about just a little while back, that the rule at this point in time at FWC, at least as to the way the statutes were set up, allowed for issuing citations on the water. But if undersize product was found later at a dealer or something, that then there wasn't a provision to allow for issuing a citation. Is that right?
Q. Would you also agree that one of the responsibilities of FWC as a management agency is that it's charged with adopting new regulations and modifying old ones to properly manage and conserve wildlife resources?
A. Yes, I would agree with that.
Q. And if you go down to the number -- the arabic numeral 3 there, Dr. Pine says, close oyster bars that are restored to harvest until a minimum harvestable biomass, approximately 15 legal oysters per square meter, has established on that reef similar to what was done post-Hurricane Elena in 1986 in Apalachicola.

Now, it is correct, is it not, that there was a decimation of the oyster population in Apalachicola back in the 1985-1986 time period. Right?
A. As I recall, there was some impact from Hurricane Elena. Correct.
Q. We had Hurricane Elena and Hurricane Kate?
A. Correct.
Q. And at that point in time the oyster population was almost basically wiped out. Right?
A. Yes. There was a lot of scouring -- scouring on the bars and some other impacts; but they quickly THE REPORTING GROUP
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recovered.
Q. And part of what assisted that recovery is what Florida did at that time is they immediately closed the bay from harvesting for a period of -I believe it was about six months. Is that right?
A. I would need to refer to documents to verify the time period.
Q. But you do recall that the bay was closed entirely from harvesting after Hurricane Elena and decimation of the oyster population?
A. I'm sorry. I don't recall the exact period of time it was closed.
Q. Do you recall that after Hurricane Elena and the decimation of the oyster population is when Florida instituted check stations for the first time?
A. I recall some mention of that.
Q. And that was something that was done as part of the recovery effort to ensure that when harvesting was opened back up, that there would be check stations in place to ensure that the oysters in the process of recovering wouldn't be overfished, and sub-legal oysters wouldn't be taken. Right?

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A. That very well could have been the management response and logic.
Q. Do you recall also that after Hurricane Elena in this 1985-'86 time period, a topic we'll get to later, there was a massive reshelling program that Florida undertook?
A. You said we were going to get to that later with the details and documents that I could refer to, sir?
Q. Yes, probably tomorrow, the way it's going, yes.

Do you recall that there was a massive reshelling program?
A. I -- I know that there's been a lot of shelling for decades in the Apalachicola system.
Q. You don't recall that there was a particular emphasis and heightened amount of shelling that was done because we had this disaster or decimation of the oyster population as part of, you know, FWC's concerted efforts to help the oyster population recover?
A. I'm sure we could refer to the logs that we keep and validate that. I don't have any reason to believe there wasn't shelling efforts going on post-Hurricane Elena.
Q. If you go down to the next part of Dr. Pine's

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e-mail there where he's got the asterisk --
A. Yes.
Q. And the asterisk here, he says, the quickest way to recovery of the fishery is to include closures as part of the management process. I know folks don't want to talk about that.

Do you and does FWC agree that one of the quickest ways to assist recovery of the fishery would be to include closures of the Bay to manage it?
A. It depends on the situation. Closure is a very drastic measure to take. And a number of other considerations have to be considered including, in the case of Apalachicola, a closure is not going to matter if the environmental conditions aren't conducive to recovery.
Q. Right. We're in 2013 now when environmental conditions are great. Right?
A. I don't know that I'd characterize them as great.
Q. And the -- is it FWC's position that closures are unhelpful to the recovery of the oyster resource when it's in the depleted state that it was here in 2013?
A. Again, it depends on the situation. It depends on the fishery in question.

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Q. I'm sorry, sir. I'm talking about the Apalachicola Bay fishery in May 2013.
A. You know, I'm not sure a closure is going to have any additive value for the restrictions we placed on the commercial harvesting. The gain that you get biologically with our environmental conditions isn't going to be any more than what we have done collectively reducing the commercial bag limit, and it's still not being recovered. It's still not recovering.
Q. With these biological conditions being the oysters that have millions and millions and millions of gametes and can recover quickly if they're given the chance?
A. If they're given the right environmental conditions.
Q. Let's go up to the -- a couple e-mails up, please. We've got Dr. Havens -- Karl Havens weighs in.

And you're familiar with Dr. Havens as well as being a tenured professor at the University of Florida who was involved in the Oyster Recovery Task Force?
A. Yes. I don't -- I don't know Dr. Havens personally; but $I$ have seen he's one of the THE REPORTING GROUP Mason \& Lockhart principal authors in the UF report.
Q. And you have this e-mail May 10 -- so it's the same date, May 10 -- to Nick Wiley, executive director of FWC, and Jim Estes. And then you also have Jack Payne, who is a -- isn't he the head of that Marine Fisheries Research at the University of Florida?
A. I don't know Jack's exact title; but he -- I think he's relatively high in the administrative level at the University.
Q. And then Karl is responding to -- Dr. Havens, rather, is responding to Bill Pine's e-mail. And he says, Bill, this is solid advice and your attached write-up is outstanding. It seems like 2013 and 2014 are critical years where the population could either start to recover or really crash, and the outcome is highly dependent on what the oyster harvesters do. I'm surprised you did not suggest a period of total closure of the bay this year. It strikes me that the outcome is balanced on the edge of a knife.

Now, at this point in time in May 2013, there had not been issued by FWC any total closure of the bay from harvesting. Right?
A. Right.

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Q. And, actually, from this point in time up until the two or three-day period in September, that two or three-day period in September is the only time that there was a complete closure of the bay from harvesting. Correct?
A. I testified to that a few times, yes, sir.
Q. And that's continuing up until today, November 2016?
A. There is a 3-bag per person limit today down from 20.
Q. Do you agree that at this point in time in May 2013 that the oyster population was in a very precarious position?
A. I would agree. It's in my direct testimony.
Q. And then let's go up, if we can, one more e-mail. And this one, apparently it looks like Mr. Wiley, Executive Director Wiley, drops the professors off the chain and is speaking just to Jim Estes. And he states, please talk to these guys next week and get them to chill out on the e-mail speculation about closing seasons. Help them understand there is a lot of stakeholder work to go down this path. Just having compelling science may not be enough. I don't believe they understand how we have to work through these THE REPORTING GROUP Mason \& Lockhart
things. Thanks.
Do you have any understanding what Mr. Wiley is referring to when he says, just having compelling science may not be enough?
A. I think I can speak to that, yes.
Q. And you -- the science part would relate, would it not, to the biological recovery of the oyster resource?
A. I don't know that that's how I would characterize it. I would -- what I would say is the key word is compelling. I mean, there's -- sometimes you can take a snapshot look at one particular variable and then conclude through lots of assumptions that there's one way or only one way to react. And in this case, Mr. Wiley is saying there's a lot of factors to consider. You can't just say, this is what's happened; this is what you want to do.

This is a preliminary reaction by these individuals, and it needs to be a little bit more thoroughly vetted and reviewed. I think that's a fair assessment of Mr. Wiley's e-mail and what he was speaking to.
Q. But it's actually not that preliminary at this point though, is it, because we're in May 2013?

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A. Well, it's -- well, I should say the preliminary analysis of all the data and the recommendations by UF I don't believe have been finished at this point through the report.
Q. No. But actually, it was. In April 2013 -- the University of Florida issued its report in April 2013, which then FWC, when we get to it tomorrow, cited. So the Florida research scientists had already gone through and issued their entire scientific report, which then FWC cited.
A. Yes. I -- I stand corrected. I apologize. This -- I get the chronology mixed up. There's a lot of dates.
Q. And regardless that FWC cited to these scientists' research in its own submission, at this point Mr. Wiley, as executive director, is asking Jim Estes to tell these tenured professors who studied the disaster and the collapse to, quote, chill out on the e-mail speculation about closing seasons. Right?
A. That's what he wrote.
Q. Let's go another one in, if we could, please, to June 2013, GX-601. And we have here another string of e-mails, and so for it to make sense we'll have to go back to front. And so to keep THE REPORTING GROUP Mason \& Lockhart 2013, e-mailing Jim Estes and Steve Geiger and a couple other folks. The subject here is Weekend AB Closure -- Apalachicola Bay closure.

And we -- you testified earlier about at this point in time in June 2013, there was the -there was the Executive Order that prohibited harvest Friday to Saturday for the summer harvest season. Right?

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Do you recall that?
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A. Can you reference that one again, please?
Q. Yes. We can look at the blue chart, or we can find the actual Order in the binder. It's up to you.
A. I would prefer the binder.
Q. Actually, it's in the joint testimony.

Actually, I think you've got it in your direct testimony, which would be easier.
A. And it's the June 1, 2015?
Q. No. I'm sorry, 2013.
A. 2013.
Q. If I can refer you to paragraph 54, please, in your written direct.
A. Thank you.

Yes. I'm there.
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6 Q. So then that takes us back to where we were with GX-601. And we're on the page then where -- the back page where Bill Pine -- Dr. Pine e-mails Jim Estes and says, hi, I hope you guys are well. I saw the FWC Executive Order where the weekends are now closed to oyster harvest on $A B$ for the summer season only. I thought that these types of closures usually just displaced effort to the open days, not really reduce it. The only way I think that it would reduce effort is if a large proportion of the weekend harvest was done by folks that were fully employed in a higher wage position during the week. I don't think this is the case in Apalachicola.

Do you understand Dr. Pine to be communicating at least his opinion to Mr. Estes that closing the bay only on weekends won't be sufficient to reduce effort because the people who would have harvested on the weekends are just going to harvest on the weekdays instead? THE REPORTING GROUP Mason \& Lockhart

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## A. Yeah. He says the only way I think it would reduce effort -- I mean, yes, that seems to be his opinion. <br> Q. And then if we continue up the chain, we've got

 a very short response here from Mr. Estes to Bill Pine that says, the belief is closure of the two days will displace harvesting effort over time.Then Dr. Pine responds again up a little higher there where it's -- on the June 3, 2013, at $12: 57$ p.m. It starts, okay. Displace. Are you there?
A. Yes.
Q. And Dr. Pine is telling Mr. Estes, okay. Displace, but not reduce. If the goal is to conserve or increase spawning stock biomass, then you have to reduce. I know your options are limited, but my gut feeling is that this is going to have no benefit in terms of extending the season or spawning stock conservation.

And is it correct that after that point in time of this communication to Mr. Estes, the only closure for the remainder of 2013 that took place was that two days in September 2013?

## A. The entire bay closure?

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Q. Yes, sir.
A. Yes.
Q. Then we've got Mr. Estes responds again on displacement. Let's go up to the top e-mail, if we could, please.

Dr. Pine here is referring to some of the -Mr. Berrigan's research, I take it. And he says, quote, well, the earlier Berrigan work says that healthy Apalachicola Bay bars support 17 to 25 legal oysters per square meter of habitat. That's why I'm curious if the monitoring is continuing to know what is out there. Based on the last data I saw from fall of 2012, DACS monitoring, those data did not suggest that there would be healthy oyster population out there now. That's why I'm a little surprised the fishery is open or if it is open, if there is anything to harvest.

And it is correct that at this point in time, the fishery was open except for those weekend days; is that right?
A. That's correct.
Q. If we can go to GX-734, please, are you there with me, sir?
A. Yes, sir.

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Q. Okay. And GX-734 you will see is not from Dr. Pine. It is a letter to Mr. Estes again, and we're a year later here. This is May 19, 2014. Do you see that?
A. I do.
Q. And you're familiar, I take it, with the Apalachicola Bay Oyster Dealers Association, at least generally?
A. Generally.
Q. Okay. And we've got -- from time to time the Apalachicola Bay Oyster Dealers Association would write to FWC and raise concerns or provide ideas for how it thought the management of the fishery could best take place. Would that be fair to say?
A. I'm sorry, counsel; I was reading. Can you please state that again?
Q. I'm sorry. I'll give you a second. Just go ahead.
A. Thank you. I appreciate that.

Thank you.
Q. Okay. From time to time FWC might receive communications, correspondence from the Apalachicola Bay Oyster Dealers Association?
A. Clearly, yes.

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Q. And they may express their opinion about the management options for the fishery?
A. Yes. There's plenty of folks expressing opinions on how we should manage the fishery; that's correct.
Q. And if you look here in the first paragraph in the letter to Mr. Estes, the Association here is telling FWC, Mr. Estes, in our continuing effort to preserve and protect our bay and natural resources, our organizations -- and they list the organizations there -- jointly recommend and encourage the following new Apalachicola Bay harvesting regulations be imposed and effective as soon as possible.

And it goes down, and I'll skip the eight-bag limit bullet. The second bullet then says, close East Hole to summer harvesting, remain open for winter harvesting season only.

Do you see that?
A. I do.
Q. And we're in May 2014. And at no point in 2014 did FWC close East Hole to summer harvesting. Correct?
A. I don't -- yes, I don't recall describing that Order that did that at that point in time. THE REPORTING GROUP Mason \& Lockhart
Q. And if we go down to the final paragraph, it states, we cannot place enough importance on the reasons for these requested new regulations and appreciate your favorable consideration. Our continued cooperation is vital as we all work together to do what is best for the survival of Apalachicola Bay. Feel free to contact any of us to discuss further if more information is needed or if there are any questions.

And FWC did want the community, the dealer community, the oystermen community, to work with it in the effort to help the bay restore the oyster resource; did it not?
A. Sure. They're important stakeholders.
Q. But I take it that FWC analyzed and did a cost-benefit analysis and determined that the requests they were making for closing East Hole to summer harvesting did not make sense at this time in mid-2014?
A. That was -- we did not enact that management action at that point, no.
Q. It's the case, therefore, that FWC rejected the suggestion by the Apalachicola Bay Oyster Dealers Association?
A. I don't know that we rejected it. We take lots THE REPORTING GROUP

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of input from others who come up with the management decision we believe fills our responsibilities. These are valued stakeholders, and that is what they provided along with Dr. Pine, along with a lot of others, all of us which want to see recovery of Apalachicola Bay.
Q. Okay. I want to change topics here, sir. And without -- without duplicating anything that was the subject of Major Beaton's testimony, it is the case that FWC has law enforcement responsibilities with respect to the size limits and bag limits and the like. Correct?
A. Yes. For many species, yes.
Q. And as we saw this morning, lots of times communications will go, you know, to folks like Major Beaton who are on the ground and enforcing. But from time to time communications will come to more senior people at FWC like Mr. Estes and Mr. Wiley raising concerns about enforcement issues. Would you agree with me?
A. Yes. We -- our agency is very receptive at all levels to get input.
Q. And I don't -- unless you tell me I need to, I won't go back to the August 2012 resource assessment report. But suffice it to say that in THE REPORTING GROUP Mason \& Lockhart

that report by DACS, there were concerns or observations that there was a degree of sub-legal and illegal harvesting taking place. Would you agree with that? concerns or thought there may be.

I'm just trying to skip it if I can -- that there was a reference to size limits not being enforced I, along with you, appreciate you not wanting to go back; but I -- given all of the dates and the reports and the severity of this, I would -- I would like to, if we could, pull that up so $I$ can do that.
Q. No problem. No problem at all.

If we could then go to tab -- I believe it's 4, tab 4 in your binder, please.
A. Yes, sir.
Q. And this is JX-77. it.
Q. No, no, at any time. At any time.

And just to reorient ourselves, JX-77 is the

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Putnam's letter which then attaches the August 2012 DACS report.

And it's in that report -- and I'll just pull out a single example. If you can go to page 8 of the DACS report.
A. Yes, sir. I'm on page 8.
Q. 8, okay. And I would refer you down to the paragraph in the middle that begins the practice.
A. Yes, I'm there.
Q. And that paragraph in Mr. Berrigan's report of August 2012 states, the practice of harvesting sub-legal oysters appears to be an extension of a "use it or lose it" attitude that prevailed during the fall and winter of 2010 . Following the oil spill in April 2010, there was an acknowledged threat to oyster resources in Apalachicola Bay, and management policies were directed toward harvesting available resources in the face of a growing risk of loss.

And then here is the part that I was specifically contemplating where it says, throughout the period when oil posed an unpredictable threat to the oyster fishery, less effort was directed toward enforcing size limits, perhaps yielding to the view that it would be THE REPORTING GROUP Mason \& Lockhart
more beneficial to harvest the available resource. But, unfortunately, many oystermen have continued the same harvesting practices that were allowed during the oil spill threat.

Does that refresh your recollection, sir, that in this official Florida state report by DACS there was a -- a notation reflected that less effort was directed towards enforcing size limits?
A. Yes. I concur that what you just read is in that oyster assessment report.
Q. And then if we could flip then back in your binder to tab 13, please.
A. Yes, sir.
Q. Okay. We have, thankfully, a very short e-mail. Tab 13 is GX-341. And you will see this is dated July 2010. So we're in this period after the oil spill when we had a couple of the Orders that have extended harvest windows. And there's a Lynn Bannister e-mail to Nick Wiley, executive director. And if I recall correctly, Bill Nelson, he's a state senator?
A. He's a U.S. senator, sir.
Q. Oh, he's a U.S. senator. I'm sorry.

So you have Ms. Bannister on behalf of U.S. THE REPORTING GROUP

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Senator Bill Nelson to Nick Wiley. And she e-mails and says, Nick, I'm meeting with fishermen in Apalach now. They say undersized oysters are being taken, and no one is policing this. What do you know? Lynn.

And is this the type of thing that we have talked about that you get reports from various sources from time to time of potential undersized oysters harvesting taking place; and sometimes those reports might go to Major Beaton, but sometimes they might come directly to the executive director from a U.S. senator staffer?
A. Yes. We -- we get -- and Ms. Bannister, she's great. She asks us a lot of questions, what she's hearing from constituents. Not just oyster sizes, but elsewhere. I have dealt with her before.
Q. If we could take a look at the next tab, tab 14.

MR. ECHOLS: And tab 14, for the record, is GX-458.
A. Yes, sir. I'm there.
Q. Okay. And you will see here we've got -- at the bottom -- it's not clear to me who sent the bottom e-mail; so I won't -- well, actually, it gets forwarded up. So I guess we've got Bob Fish THE REPORTING GROUP

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which, as you can tell from above, it says Bob
Jones, executive director of the Southeastern
Fisheries Association.
Are you familiar with that association?
A. Yes, generally.
Q. And he's forwarding an e-mail up, again, to Nick Wiley. If we start at the bottom, an e-mail that has come in to him says, Bob, somehow we need to have introduced into the conversation the fact that there was and remains very little enforcement of the size limit on the water and at dockside. FWC has basically taken their ball and gone home ever since the industry had rules changed to keep the jackboots from stopping trucks and invading shops to check sizes of bagged oysters. Since they can't enforce easily, they seem to turn a blind eye to undersized oyster harvest. GOIC sent a letter several years ago urging FWC and DACS to address the issue, but to no avail.

Do you know what GOIC is?
A. Not off the top of my head.
Q. But as you said, it's not an uncommon thing for concerns about enforcement to be raised with FWC?
A. No, no. We get that all over the state.

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## CERTIFICATE

I, Claudette G. Mason, a Notary Public in and for the State of Maine, hereby certify that the foregoing pages are a correct transcript of my stenographic notes of the Proceedings.

I further certify that I am a disinterested person in the event or outcome of the above-named cause of action.

IN WITNESS WHEREOF, I subscribe my hand this 5th day of December, 2016.
/s/ Claudette G. Mason Claudette G. Mason, RMR, CRR Court Reporter

My Commission Expires
June 9, 2019.

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