

# **SOUTH ATLANTIC FISHERY MANAGEMENT COUNCIL**

## **ECOSYSTEM-BASED MANAGEMENT COMMITTEE**

**Sea Palms Resort and Conference Center  
St. Simons Island, Georgia**

**MARCH 5, 2013**

### **SUMMARY MINUTES**

#### **Ecosystem-based Management Committee Members:**

Doug Haymans, Chairman	Dr. Michelle Duval, Vice, Chairperson
Anna Beckwith	Tom Burgess
Dr. Roy Crabtree	David Cupka
Ben Hartig	Dr. Wilson Laney
Jessica McCawley	Charlie Phillips
Tom Swatzel	

#### **Council Members:**

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LCdr Scot Gibson	John Jolley

#### **Council Staff:**

Bob Mahood	Gregg Waugh
Kim Iverson	Amber Von Harten
Roger Pugliese	Myra Brouwer
Anna Martin	Dr. Mike Errigo
Dr. Kari MacLauchlin	Dr. Brian Chevront
John Carmichael	Mike Collins
Julie O'Dell	

#### **Observers/Participants:**

Dr. Bonnie Ponwith	Pres Pate
Dr. Jack McGovern	Monica Smit-Brunello
Doug Boyd	Dr. Marcel Reichert
Martha Bademan	Larry Simpson
Corky Perret	

Additional observers attached

The Ecosystem-Based Management Committee of the South Atlantic Fishery Management Council convened in the Frederica Room of the Sea Palms Resort and Conference Center, St. Simons Island, Georgia, March 5, 2013, and was called to order at 8:00 o'clock a.m. by Chairman Doug Haymans.

MR. HAYMANS: I will call the March 2013 Ecosystem-Based Management Committee to order. You have in front of you an agenda that needs a correction right off the bat. The master agenda says 8:00 o'clock, which is where we are, but it says 8:30 so ignore the 8:30. Are there any additions to the agenda? Seeing none; the agenda is approved.

You have received copies of the December 2012 minutes. Hopefully, you have had a chance to review those. Are there any additions or corrections to the minutes? Seeing none; those minutes were approved. I think this is going to be a fairly quick meeting this morning and give Tom plenty of time on dolphin and wahoo. We will turn over Coral Amendment 8 to Anna.

MS. MARTIN: The amendment is Attachment 1 in your briefing book materials, but you will notice that we do not have a decision document for this committee. We aren't looking for guidance on Coral Amendment 8 at this time. We have cleaned up the document based on the committee decisions during the December meeting.

As you recall, this was not approved for public hearings at the December meeting, but you did provide guidance for scheduling a number of advisory panel meetings for additional input before the committee considers approval for public hearing at your next meeting, so that will come in June. We are awaiting updated VMS information representative of the earlier years of activity for the rock shrimp fleet. That is 2003 to 2006. I have asked Roger to provide you with an update on the timing and where we stand in the process with the VMS data.

MR. PUGLIESE: Things are looking good. The system is being updated literally. I think it will be finalized in the next week or so, so we will be able to get the queries that both capture the historic information and the updated VMS through a closer period of time and be able to add those into the information we have and update the analysis that was conducted in the drafts that were held before.

We should be good for our advisory panel meetings to have that information clarified so the Habitat, Coral and Shrimp APs have the benefit of seeing what the updated information shows and the analysis. We're in good condition and I appreciate all the work from Carlos Romero who is actually working remotely. He is over at the Beaufort Lab, North Carolina, but is still making sure that this system gets refined, updated and is operational and we get what we need to continue this process.

MR. HAYMANS: Is there anyone with questions about Coral Amendment 8 to Anna or Roger? Seeing none; then you also should have had a chance to look over the Draft Memorandum of Understanding with the other Atlantic councils, and we will let Roger talk about that. That is Attachment 2.

MR. PUGLIESE: Okay, you all received the draft. This draft origin came – last year the Mid-Atlantic and New England Councils had begun discussions of movement toward conservation in the broader deepwater ecosystems and looking at deepwater corals. I provided a presentation back in April of last year in their Ecosystem Committee on the whole broad scope of our ecosystem activities, but then how we have moved forward in developing and highlighting our activities on deepwater coral management as it is connected to essential fish habitat and kind of the broader scope.

The desire was to in a spirit of cooperation look at developing an MOU so that there could be some clear connections between the councils on the desire for conservation in these deepwater coral systems. The one thing that incurred in the beginning of these discussions was concern maybe of interactions between fisheries that may cross the areas or habitats that may cross the areas.

Truthfully, when you get into the issue, we really don't have that many fisheries that would be necessarily jointly or potentially impacted from the activities or the habitats really start getting very different in terms of what their deepwater coral ecosystems are to the north more soft coral deep systems versus our hard coral lophelia, et cetera, areas.

The bottom line is this was an attempt to provide the foundation for identifying how the councils – what their activities are relative to that management, how they are actually proceeding with that, and then how they will collaborate. What we did is when we got the draft, we distributed it to our Habitat and Coral Advisory Panels, got some inputs, and what you have before you is a revision that tries to highlight some – and, really, the biggest thing here was to very clearly identify how the South Atlantic's management activities are and make it clear what our authorities in management are under the area.

We are addressing it and have addressed it very differently than the Mid-Atlantic and New England. They're using the discretionary provisions under Magnuson for the deepwater coral ecosystem. We used it under our Coral FMP, which they really are not trying move down a species or a habitat-based FMP and use a different methodology.

The terminologies and some of the edits that are in red that you see are really to make sure it is clear about how the South Atlantic manages, what we're doing and then the spirit of cooperation and collaboration over time that we can provide input and activities and our continued work and then their continued work in the deep coral systems. I will pass this over to Anna, because one thing we did do is we sent this over to Monica to make sure that we –

MS. MARTIN: I just thought it would be helpful to inform you of where the New England and the Mid-Atlantic Councils stand in their process. The New England Council began developing an EFH Omnibus Amendment last year to address management measures for deepwater corals. That is still under development so they are initiating the process through that mechanism.

The Mid-Atlantic Council has recently begun a scoping process through an amendment to their Squid, Atlantic Mackerel and Butterfish FMP, and so they again are in a similar development

stage, so kind of starting the process for determining what management measures to take in the realm of deepwater coral.

If you have had an opportunity to review the MOU – this is Attachment 2 in the briefing book – you will find under Section E specifically the intentions for the role of the South Atlantic Council. Our council, as you're very familiar with, we're a little further ahead in management measures for deepwater coral in our region, and so primarily the intent of the council's involvement here would be one of an advisory type role, advising the New England and Mid-Atlantic Councils on deepwater ecosystem issues and coral issues based on past experience as in lessons learned.

That is kind of the crux of the MOU and what is being posed for the South Atlantic Council's role here. We are looking for committee guidance on the MOU in the form of approval, so this is something that would be submitted back to the other two councils for finalization. I think Monica had a few questions about the attachment.

MS. SMIT-BRUNELLO: Yes, really one question, and I had some minor edits. I'm fine with this and I thought I would provide the edits to Anna and then you would see them by full council. There is a statement in here, and it is in red I think because probably Roger added it, and it is right before Section D, and it is under Section C, authority and strategies for deep sea coral protections; and the last bullet says, "Management as habitat pursuant to a federal fishery management plan." Would you explain a little bit what you mean? Do you mean like, for example, Sargassum FMP or other things; what else do you mean?

MR. PUGLIESE: I think this section, what it did is it fell short of specifically identifying how the South Atlantic manages coral under a Coral Reef and Live Hard Bottom Fishery Management Plan. None of those ones there – they may be pieces of it but that very specifically identifies that we have identified those as fish under Magnuson and manage those while they're a species but they're managed as a habitat complex in the region.

That was kind of lacking in terms of the ways that different – especially when it said the different councils manage. These areas above it pretty much are tied to – like the discretionary provision and some of those are tied to some of the considerations that the Mid-Atlantic and New England – this added really the South Atlantic process of how these resources are managed in our region.

DR. LANEY: I guess this is a question partially for Roger and partially for Monica, too. I was wondering under Section C and then also possibly under E whether you thought that the authority that the council I think has maybe through NMFS under NEPA and also perhaps under the Fish and Wildlife Coordination Act for commenting on potential threats to deep sea corals is something that should be just noted in the MOU.

And then as far as the coordination part would come in, what I'm thinking here is if there was some – the primary one that comes to mind is oil and gas exploration activities offshore that could possibly affect deepwater corals, if the South Council, for example, was to comment on that particular threat, they might want to share their comments with the other two councils. Is

that something that would be appropriate for inclusion in here or would it just unnecessarily clutter this up?

I guess it partially depends on whether you consider the ability to review and comment on threats like that, which the council certainly has, especially through the NMFS Habitat Conservation Program, whether you consider that management or not. I will defer to Roger and Monica on that point.

MS. SMIT-BRUNELLO: Well, I guess you could add those things. If you want them to be added, they would just explain what your current obligation and rights are. They wouldn't be adding anything to that. I guess I would ask Roger this MOU is pretty brief. It is just 2-1/2 pages or 3 pages, and I'm not sure whether you think it is appropriate to add those particular sites or whether that would kind of change what the other councils want to do with this. It's certainly your right under the law to do those certain – you know, commenting and all that, just like Wilson laid out. If you want to add it, that's fine. If you don't, it doesn't change anyone's obligations.

MR. PUGLIESE: Yes, and I think there may have been some of those kinds of comments from our advisory panels in terms of focusing. I think one thing that at least you would hope is that what we don't want to do is preclude or maybe put something on the general terms that may not be considered in all of the groups.

The MOU, as you stated, is fairly straightforward and short and does get to the core management authorities. I think the way we have dealt with it from the South Atlantic side made it very clear – again to make it clear about our actions is under Section C, where we highlight the South Atlantic's – actually it is under Section D – highlight the South Atlantic's regulatory actions where we have created the Coral Areas of Particular Concern, but then co-designated them as essential fish habit areas of particular concern under the recent comprehensive amendment.

What that specifically – as the South Atlantic deals with essential habitat and especially areas of particular concern automatically puts it into trying to address the non-fishing impacts relative to – and that has tool has been what we have provided, which would oil and gas and really any of the other activities in the deep system, so that whole complex of habitats needs to be addressed, and I think that was actually at the request of our – in collaboration with our NMFS partners in trying to do this. We do it by highlighting that for our region.

We can get more specific. I just didn't know if – I think the fact that they're also using the discretionary provision and using EFH, it also automatically kind of kicks that into their region, and they're going to be dealing with it in the Northeast Science Center and Northeast Region in their activities. We deal with it with the Southeast Region and the Southeast Center on our activities. That is up to the discretion of the council on how far you want to do it. It is just that fine line about how much to include in the MOU.

DR. LANEY: I'm fine with not including it. As Monica noted, it is something that the three councils do anyway, and we have got it on the record that they're going to do it. I presume that should some threat like that arise, you would be sharing whatever you do with the other two

councils, anyway, with their habitat folks, so that is fine. Mr. Chairman, I'm prepared to make a motion that we move this on to full council. I guess that would be the appropriate motion; that we endorse it and move it on to full council for action or for a vote.

MR. HAYMANS: Wilson, would that be contingent upon Monica's minor edits?

DR. LANEY: Yes, it would be contingent upon counsel's edits to the draft.

MR. HAYMANS: Seconded by Charlie. Is there any additional discussion on the MOU?

DR. LANEY: Would you like me to read that, Mr. Chairman, once it is on the screen. **Okay, the motion is that the Ecosystem-Based Management Committee endorse the Coral MOU and recommend – I guess we need to say recommend to the council that they consider approval during the – consider approval during full council contingent upon legal counsel edits.**

MR. HAYMANS: We have a motion by Wilson; a second by Charlie. Is there any additional discussion? Is there any opposition to this motion? **Seeing none; the motion carries.** Okay, that brings us down to ecosystem activities; Roger.

MR. PUGLIESE: Yes, I am going to be fairly brief. I guess one of the things I wanted to highlight was a meeting we held yesterday and just where we are with some of our collaboration on development of capabilities for ecosystem tools and especially specifically with fishery-independent survey information.

We held a SEAMAP Bottom Mapping and Species Characterization and Assessment Workgroup -- the longest name for a group that you can have, but it has some very specific intentions. What we were able to do was really try to refine and connect the activities of the fishery-independent surveys with the presentations of the information spatially that we have presented in our developing online Atlas and information that is going to be available to the council.

We are very close with the SEAMAP Data System actually going fully operational in the South Atlantic Region, and that is being actually managed and maintained under the South Carolina Department of Natural Resources. We have this collaboration between all the partners to focus and make sure that we get all these different capabilities together.

It is going to include SEAMAP, MARMAP and SEFIS information and also some of the sub-components that are available. Under the SEAMAP umbrella even the Pamlico Sound Survey so we're getting inshore survey, offshore activity and, as I mentioned in our discussion yesterday, was how to make the information on habitat and information on species be able to be integrated and available through this system, so we're very close what I think is going to be very critically important and useful for council and the collaboration throughout our region on getting that in a very productive meeting.

Beyond that, just quickly a couple of other points; I know that Georgia is still moving forward with development of spatial information systems for the state and how they collaborate with

offshore activities. I wasn't able to go to – they just had another workshop on users and participants on access, highlighting how far that it has gone and it is progressing further.

We did have Clark Alexander at that meeting yesterday for SEAMAP and he was able to talk about some of the newest information that is going into that system but also things that we can integrate into ours, especially with geologic information. We are again keeping very close with some of the other activities that we can collaborate on the spatial presentation and information systems that support the broader scope of habitat and ecosystem activities.

One of the other activities going forward is our collaboration under the South Atlantic Resource Partnership, SARP, under the National Habitat Plan. We had a Science Data Committee meeting earlier this year and really you're setting the stage for things such as a coastal assessment of habitats.

There is one being done in the Gulf of Mexico right now that is integrating all information from inshore and offshore components we are anticipating an effort to kick off in the southeast. It dovetails very closely with our continued evolution of the next generation of the fishery ecosystem plan, updating of essential fish habitat; again an opportunity to get that type of effort to align or connect into better descriptions of habitats, identification of spatial footprints and the interaction and the connectivity of the systems in our region.

That also connects into one of the other organizations that we are very closely tied to and actually sit on the committee, the South Atlantic Landscape Conservation Cooperative. They're in the process of developing targeted indicators for habitats and species in the South Atlantic Region under the purview of the Landscape Conservation Cooperative.

That organization and that group really have the broadest umbrella of view. It really provides an opportunity to build some of the information capabilities that connect everything from the mountains to off the Continental Shelf and with some resources to do it. There is some real opportunity to build from things such as SARP is involved in, what the council is involved in and then maybe actually tap directly into resources they have to do some modeling, to doing updating on habitat information; again supporting our refinement of essential habitat, next generation of the fishery ecosystem plan. It is real good.

One of the other sidelines to that – and I have highlighted this a number of times – is the fact that those groups, the Landscape Conversation Cooperatives, which are extended throughout the entire country, are joined at the hip with USGS's science centers. The climate science centers that are funded and moving forward are the primary collaborators with those regions; so what we will be able to do – at least the intent is to be able to go through the Landscape Conservation Cooperative and do things such as potentially provide some resources or capabilities to highlight “what if” scenarios in the future; if you're having reductions in essential fish habitat for managed species, how that may impact the region based on climate change and maybe ultimately the capability to get to population level understanding of habitat changes and species.

There is some real opportunities again to connect and build and support what the council is working on, species and habitat conservation. The last two items I want to touch on is the

Southeast Coast and Ocean Observation Regional Association, SECOORA, is continue the development and evolution of the ocean observing capabilities. There are so many of the things that we have been talking about, the needs for refined information on our understanding of vessel operations, on species distribution.

We have some opportunities to enhance and refine the observing capabilities we have in the region. In the last ten-year build-out plan we talked about – and very specifically and strategically talked about the opportunities to figure out ways of aligning some of the assets for observing with marine protected areas, with deepwater coral ecosystems, with the regulatory actions and spatial actions the council has so we begin to connect and have the environmental information as it relates to the species; so bridging that gap between the biological activities we have and the oceanographic – which I think in our region we really have not gone down that road and we really have to and understand the implications of current changes, temperature changes, different things with annual and longer term with populations and with maybe even our observing capabilities or our fishery-independent surveys.

So connected to that is there is a product that is kind of a teaser product to begin to understand that. We have worked with Mitch Roffer and the MARMAP information with Marcel Reichert to come up with some analysis that begin to investigate the environmental information collected during the sample surveys with observed information to look at variability and begin to open that door and discussion about what some of the implications may be.

We actually have taken a step further to use some of that information to potentially give you almost a habitat suitability predictive capability based on environmental information or concentrations of species that may occur relative to the environmental observed information. I think we're finally getting the oceanographers to talk to the assessment scientists and now we have to really I think force that a little further once we open that door and say what are the capabilities in the future to be able to do this further.

The last one I wanted to touch on quickly was the Governor's Alliance; one of the first ones I think to get hit by some of the implications of sequestration. We were supposed to have an executive planning team meeting coming up to really kind of clarify a lot of the activities going on in the region and that got cancelled recently because essentially the entire federal contingent had no authorization to participate.

So you would have a major portion of that discussion not able to be involved. I am not sure where things are going to evolve in the future because of where we are with budgets; and how that longer-term commitment that may have been there, how much that be able to still be embraced and be able to provide into this newer process.

We will see how that unfolds, but again trying to collaboratively work where some of the really good efforts such as some of the combining and adding of very detailed information by state, that the healthy ecosystem team is being involved in, how that can connect in or really elaborate and help the overall process for coastal and marine planning but also on council how that may connect in and we can actually integrate some of that very clearly into some our information systems. That is a quick synopsis of a lot that is going on in our region and where we're trying



to make sure that we are part of it or connected and we enhance the council's capability and opportunity to highlight habitat and fishery operations and species information.

MS. MARTIN: I just have one update for everyone, and that is a protected resources update related to coral. On December 7<sup>th</sup> the proposed rule published designating or elevating the Endangered Species Act listing for 66 coral species, and elkhorn and staghorn are two of those that were elevated to endangered.

Those two have previously been listed in the South Atlantic as threatened coral species. What happens next is the proposed rule comment period ends this Thursday and the final determination is expected on or before the end of November of this year. If you look at Attachment 3 in the briefing book, that is the proposed rule.

It is quite a lengthy one but it does point out that agency consultation requirements could change, recovery plans could be initiated, critical habitat designations may be required. A prohibition on take could be implemented now for elkhorn and staghorn. The prohibition on take has already been in place for these two species, so no immediate impact in that sense, but it is just something I wanted to bring to your attention. As we learn more, I will continue to update you at the following committee sessions.

MR. BELL: Mr. Chairman, I'm not on your committee. I just had a quick question for Roger, I guess. Do you know what the total area is for deepwater corals that is currently under protection in our region, just miles, square miles, hectares, whatever, approximately?

MR. PUGLIESE: Well, under the original Deepwater Coral HAPCs that were in place, it was 23,000 square miles, and that didn't include the Oculina, which is like the Shallow Water and Deep Water Corals. Those are just the lophelia complex habitat areas, so my guess would be probably close to 25,000 square miles overall.

MR. HARTIG: Roger, that was interesting putting together that MARMAP and Roffer data. What would be even more interesting if we had VMS information from the commercial fishery to pull all that together to see where these guys are fishing. The way it is done now, in the logbooks you fill out one square of where you fished, so we have no information about – you might have had 20 different sets on that one trip and you fill out one particular area where the fish were caught. We don't have the information we need to make economic decisions about MPAs in particular as far as where that is. That VMS stuff in the future would be critical to pull all this together.

DR. LANEY: Well, Roger's comments about ocean observing prompts me to let the council know that this year during the Cooperative Winter Tagging Cruise, which took place in January, my co-PI on that project, Dr. Roger Rulifson at East Carolina, contacted Dr. Barbara Block, who has been doing all this work with bluefin tuna on the east coast, and Barbara shipped here wave glider, which is a robot kind of thing that navigate on its own offshore and can be equipped with all sorts of detection devices to listen for not only Barbara's bluefin but also Atlantic sturgeon and spiny dogfish that we have implanted with tags on past cruises. That was very successful.

I think it did detect not only several of her bluefin but also some other species that had been tagged – I think some Dwayne Fox’s sand tiger sharks out of Delaware Bay. The other thing I wanted to let everyone know – I think I copied Roger on this – is that Carter Watterson, who is now on our Habitat and Environmental Protection Advisory Panel for the council, is a civilian employee of the Navy, has provided us all the information on the Navy’s deployment of a new listening array which covers the whole mouth of Chesapeake Bay and goes well up inside the Bay, and that array is already picking up Atlantic sturgeon and striped bass that have been acoustically tagged in North Carolina.

The whole point here is – and I know Dr. Sedberry is already employing acoustic tags and receivers at Grays Reef. The point is that you can get just a tremendously greater amount of information by using these robotic wave gliders and these acoustic receivers than you can from conventional tag release programs using internal anchor tags.

We do both with the striped bass; but to show you the contrast between what you get with one versus the other, during the whole 24-year time series for the cruise, we have tagged 252 Atlantic sturgeon and we have gotten ten returns back, so that is about 5 percent. We have tagged 14 of those fish with acoustic tags and we have gotten detection information back on all 14 of those fish, so that is a hundred percent return on your investment.

Even though those tags cost more, as long as all these researchers up and down the whole east coast have all these receiver arrays out there, anybody who is putting an acoustic tag out is hopefully going to get information about where that fish went and what habitats it is using. So, we’re in truly a new world here as far as technology goes, and I’m really excited about how much that is going to enable us to learn about where fish species go and when they’re there and what habitats they use.

MR. HAYMANS: Wilson, I would echo that. We participate along with Florida and just about everybody else in acoustic listening stations now. The information we have learned about triple tail in the past 24 months has been absolutely astounding. If we can just get some of our neighboring states to curtail some of those commercial activities on those species – Ben, you had something?

MR. HARTIG: Yes, just to give another option, we have got a lot of commercial gliders going out every day. All those platforms, if you want to broaden that type of information, you can get some of the commercial entities to carry some of those receivers, and, my gosh, you could get a lot more information that would really help this program.

DR. LANEY: Thanks, Ben, and I forgot to mention the fact that these wave gliders not only are detecting fish but also there are receivers now that detect bats and they can listen for seabirds as well. You can put all kinds of things on those and that is a great suggestion, Ben.

MR. PHILLIPS: Wilson, Atlantic sturgeon, how did you get the tags back when there is no fishing for them? Was it just bycatch?

DR. LANEY: These that we tagged in the past, Charlie, were all tagged in 2009 and 2010. With these acoustic tags, you don't have to get the tag back. It sends a signal out; so if the sturgeon swims within a certain distance of the receiver, it picks up that tag and it records that in a database, and then you go out and download the thing.

There are some newer ones out there that actually have a satellite uplink to them, so they have a surface buoy and they transmit the data in near real time to a satellite somewhere and it comes to your laptop. We don't have to get them back. Now, for some of the archival tags that Barbara was using, yes, you do have to get those back.

Those are the ones that are far more sophisticated and give you latitude/longitude information and depth and all sorts of other things, but the ones we're using just transmit a signal out there. We were not able to tag Atlantic sturgeon during this year's cruise. We were authorized to weight them, measure them, scan them for pit tags and release them. We purposefully – because we didn't have the authorization to tag them, we avoided areas of known Atlantic sturgeon concentrations this year.

We did catch four incidentally in the course of trawling for striped bass, and so we measured those and released them. None of those four had been previously captured as far as we could tell because none of them had any tags of any sort in them, so we lost the opportunity to generate four more data points there. Hopefully, if we do a conventional trawling cruise next year, we will have cleared the necessary protected resources hurdles and have authorization to tag those fish next year.

MR. HAYMANS: Is there anyone else? Is there any other business to be brought before this committee? Seeing none; Mr. Chairman, that concludes the business of the Ecosystem-Based Management Committee.

(Whereupon, the meeting was adjourned at 8:35 o'clock a.m., March 5, 2013.)

Certified By: \_\_\_\_\_ Date: \_\_\_\_\_

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Graham Transcriptions, Inc.  
April, 2013

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**BONNIE POWWETH**  
**PRES PATE**  
**JACK MCGOVERN**  
**MONICA SMET-BRUNELLO**  
**DOUG BOYD**  
~~XXXXXXXXXX~~  
**MARCEL REICHERT**  
**MARTHA BADEMAN**  
**LARRY SIMPSON**  
**CORKY FERRET**

# South Atlantic Fishery Management Council

## 2012-2013 Committees

### AD HOC DATA COLLECTION

Michelle Duval, Chair  
Jessica McCawley, Vice Chair  
Steve Amick  
Tom Burgess  
Ben Hartig  
Wilson Laney  
Charlie Phillips  
Tom Swatzel  
Staff contact: Gregg Waugh

### ADVISORY PANEL SELECTION

Doug Haymans, Chair  
Wilson Laney, Vice Chair  
Steve Amick  
Mel Bell  
Tom Burgess  
John Jolley  
Staff contact: Kim Iverson

### CATCH SHARES

Ben Hartig, Chair  
Charlie Phillips, Vice Chair  
Mel Bell  
Tom Burgess  
David Cupka  
Michelle Duval  
Doug Haymans  
Jessica McCawley  
Robert Beal, ASMFC Representative  
Staff contact:  
Kari MacLauchlin / Brian Chevront

### DOLPHIN WAHOO

Tom Swatzel, Chair  
John Jolley, Vice Chair  
Steve Amick  
Anna Beckwith  
Doug Haymans  
Wilson Laney  
Mid-Atlantic Liaison, Pres Pate  
Staff contact: Brian Chevront

### ECOSYSTEM-BASED MANAGEMENT

✓ Doug Haymans, Chair  
✓ Michelle Duval, Vice Chair  
✓ Anna Beckwith  
✓ Tom Burgess  
✓ Roy Crabtree  
✓ David Cupka  
✓ Ben Hartig  
✓ Wilson Laney  
✓ Jessica McCawley  
✓ Charlie Phillips  
✓ Tom Swatzel  
Robert Beal, ASMFC Representative  
Staff contact: Roger Pugliese- FEP  
Anna Martin- CEBA

### EXECUTIVE/FINANCE

David Cupka, Chair  
Ben Hartig, Vice Chair  
Michelle Duval  
Jessica McCawley  
Charlie Phillips  
Staff contact: Bob Mahood

### GOLDEN CRAB

David Cupka, Chair  
Charlie Phillips, Vice Chair  
Michelle Duval  
Ben Hartig  
John Jolley  
Wilson Laney  
Jessica McCawley  
Staff contact: Brian Chevront

### HABITAT & ENVIRONMENTAL PROTECTION

Tom Burgess, Chair  
Wilson Laney  
Jessica McCawley  
Charlie Phillips  
Robert Beal, ASMFC Representative  
Staff contact: Roger Pugliese  
Anna Martin- Coral

### HIGHLY MIGRATORY SPECIES

John Jolley, Chair  
David Cupka, Vice Chair  
Steve Amick  
Anna Beckwith  
Tom Swatzel  
Staff contact: Brian Chevront

### INFORMATION & EDUCATION

John Jolley, Chair  
Tom Burgess, Vice Chair  
Steve Amick  
Mel Bell  
Wilson Laney  
Staff contact: Kim Iverson

### KING & SPANISH MACKEREL

Ben Hartig, Chair  
Michelle Duval, Vice Chair  
Steve Amick  
Anna Beckwith  
Mel Bell  
David Cupka  
Doug Haymans  
Jessica McCawley  
Charlie Phillips  
Tom Swatzel  
Robert Beal, ASMFC Representative  
Mid-Atlantic Liaison, Pres Pate  
Staff contact: Kari MacLauchlin

### LAW ENFORCEMENT

Mel Bell, Chair  
Tom Burgess, Vice Chair  
David Cupka  
Mario Gil  
Doug Haymans  
Jessica McCawley  
Staff contact: Myra Brouwer

### PERSONNEL

Jessica McCawley, Chair  
Michelle Duval, Vice Chair  
Mel Bell  
David Cupka  
Charlie Phillips  
Staff contact: Bob Mahood

### PROTECTED RESOURCES

David Cupka, Chair  
Wilson Laney, Vice Chair  
Anna Beckwith  
Michelle Duval  
John Jolley  
Charlie Phillips  
Staff contact: Roger Pugliese

### SCI. & STAT. SELECTION

Michelle Duval, Chair  
Doug Haymans, Vice Chair  
Mel Bell  
Roy Crabtree  
John Jolley  
Wilson Laney  
Staff contact: John Carmichael

# South Atlantic Fishery Management Council Staff

## Executive Director

✓ Robert K. Mahood  
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## Deputy Executive Director

✓ Gregg T. Waugh  
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Julia Byrd – julia.byrd@safmc.net

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## Admin. Secretary /Travel Coordinator

Cindy Chaya  
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## Purchasing & Grants

✓ Julie O'Dell  
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# PLEASE SIGN IN

So that we will have a record of your attendance at each meeting and so that your name may be included in the minutes, we ask that you sign this sheet for the meeting shown below.

## SAFMC Council Meeting:

### Ecosystem-Based Management Committee Meeting

March 5, 2013

St. Simons Island, GA

<u>NAME &amp; ORGANIZATION</u>	<u>AREA CODE &amp; PHONE NUMBER</u>	<u>EMAIL ADDRESS</u>	<u>P.O. BOX/STREET CITY, STATE &amp; ZIP</u>
Lenny Fox AP	910 620 5847	lenfox@fms.org	
Rushy Allison	386-839-0948	DSFR009@aol.com	32120-9351
Robert Palma	305 481 0235	robert.palma@adl.com	1280 Oceanview Ave Ft
Rick Barne		CC A	Washington, DC

South Atlantic Fishery Management Council  
4055 Faber Place Drive, Suite 201  
North Charleston, SC 29405  
843-571-4366 or Toll Free 866/SAFMC-10

## Attendee Report      GoToWebinar

Generated

Mar 11, 2013 12:25 PM PDT

## General Information

Webinar N: Webinar ID

SAFMC Co: 9.38E+08

Actual Star Actual Duration (minutes)

Mar 05, 20      626

Clicked Reg Opened Invitation

110      44

Total Attended

43

## Session Details

Attended	Interest Ra	First Name	Last Name	Email	Registratio	Join Time	Leave Time	In Session I
Yes	26	Kate	Quigley	kate_j_qui	Mar 05, 20	Mar 05, 20	Mar 05, 20	263.1
Yes	23	emily	muehlstein	emily.muel	Mar 05, 20	Mar 05, 20	Mar 05, 20	76.82
Yes	68	steve	branstetter	steve.bran	Mar 05, 20	Mar 05, 20	Mar 05, 20	9.22
Yes	39	Karla	Gore	karla.gore	Mar 05, 20	Mar 05, 20	Mar 05, 20	410.82
Yes	70	Alberto	Solana	albiesol@g	Mar 05, 20	Mar 05, 20	Mar 05, 20	346.25
Yes	46	greg	dvis	gcdavismar	Mar 05, 20	Mar 05, 20	Mar 05, 20	394.7
Yes	32	Anik	Clemens	anik.cleme	Feb 15, 20	Mar 05, 20	Mar 05, 20	484.15
Yes	60	barrett	colby	bcolby3@c	Mar 05, 20	Mar 05, 20	Mar 05, 20	249.03
Yes	51	phil	steele	phil.steele	Mar 05, 20	Mar 05, 20	Mar 05, 20	579.18
Yes	20	Matthew	Ruby	warriorfish	Mar 04, 20	Mar 05, 20	Mar 05, 20	605.5
Yes	29	Andy	Strelcheck	andy.strelc	Mar 05, 20	Mar 05, 20	Mar 05, 20	337.75
Yes	28	Julia	Byrd	julia.byrd@	Mar 04, 20	Mar 05, 20	Mar 05, 20	488.7
Yes	27	a	g	andrea.gra	Mar 05, 20	Mar 05, 20	Mar 05, 20	344.47
Yes	31	m	c	mec181@y	Mar 05, 20	Mar 05, 20	Mar 05, 20	563.6
Yes	30	Julie	Davis	julie.davis	Mar 05, 20	Mar 05, 20	Mar 05, 20	161.08
Yes	47	Anne	Eich	annemarie.	Mar 05, 20	Mar 05, 20	Mar 05, 20	555.98
Yes	20	I	Laks	captaindrif	Mar 05, 20	Mar 05, 20	Mar 05, 20	76.58
Yes	70	bo	von harten	capt_bo@t	Mar 05, 20	Mar 05, 20	Mar 05, 20	19.25
Yes	38	Chris	McCaffity	freefish7@	Mar 04, 20	Mar 05, 20	Mar 05, 20	287.93
Yes	30	Samantha	Port-Minne	sport-minn	Mar 04, 20	Mar 05, 20	Mar 05, 20	583.07
Yes	47	Tracy	Yandle	tyandle@e	Mar 05, 20	Mar 05, 20	Mar 05, 20	68.02
Yes	56	Nikhil	Mehta	nikhil.meht	Feb 15, 20	Mar 05, 20	Mar 05, 20	553.33
Yes	56	Carrie	Simmons	carrie.simn	Mar 05, 20	Mar 05, 20	Mar 05, 20	90.43
Yes	67	jack	cox	dayboat19	Mar 03, 20	Mar 05, 20	Mar 05, 20	43.37
Yes	70	Bill	MacLauchli	billmac@c	Mar 05, 20	Mar 05, 20	Mar 05, 20	130.17
Yes	20	I	Laks	captainira	Mar 05, 20	Mar 05, 20	Mar 05, 20	184.32
Yes	69	Rebecca	McGinn	littleriverfi	Mar 05, 20	Mar 05, 20	Mar 05, 20	40.85
Yes	30	Joseph	Ballenger	ballenger@	Mar 05, 20	Mar 05, 20	Mar 05, 20	520.9
Yes	22	Kiley	Dancy	kdancy@m	Mar 05, 20	Mar 05, 20	Mar 05, 20	108.45
Yes	34	Fan	Tsao	fan.tsao@r	Mar 04, 20	Mar 05, 20	Mar 05, 20	166.18
Yes	41	kate	michie	kate.michi	Mar 05, 20	Mar 05, 20	Mar 05, 20	311.4
Yes	21	Sherylanne	McCoy	sherrim@v	Mar 05, 20	Mar 05, 20	Mar 05, 20	104.95
Yes	20	Don	Hesselman	don.hessel	Mar 05, 20	Mar 05, 20	Mar 05, 20	127.95



Yes	65	wayne	mershon	kenyonseal	Mar 05, 20	Mar 05, 20	Mar 05, 20	2.52
Yes	27	Todd	Phillips	tphillips@c	Mar 05, 20	Mar 05, 20	Mar 05, 20	208.47
Yes	29	Tony	Lamberte	tony.lambe	Mar 05, 20	Mar 05, 20	Mar 05, 20	70.48
Yes	37	Rick	DeVictor	rick.devictc	Mar 05, 20	Mar 05, 20	Mar 05, 20	511.32
Yes	22	todd	phillips	toddphillip	Mar 05, 20	Mar 05, 20	Mar 05, 20	117.95
Yes	28	scott	sandorf	scott.sandc	Mar 05, 20	Mar 05, 20	Mar 05, 20	398.62
Yes	29	Frank	Helies	fchelies@v	Mar 05, 20	Mar 05, 20	Mar 05, 20	463.9
Yes	49	stephen	holiman	stephen.hc	Mar 05, 20	Mar 05, 20	Mar 05, 20	434.37
Yes	30	James	Waters	jwaters8@	Mar 05, 20	Mar 05, 20	Mar 05, 20	59.78
Yes	32	Anthony	Bresnen	anthony.br	Feb 15, 201	Mar 05, 20	Mar 05, 20	499.83
No		Stephen	Holiman	stephan.ho	Mar 05, 2013	07:53 AM EST		
No		NICHOLAS	FARMER	nick.farme	Feb 15, 2013	03:16 PM EST		

\*If an attendee left and rejoined the session, the In Session Duration column only includes their first vis

City	State	Unsubscrib Questions Asked by Attendee
Charleston	SC	No
Tampa	FL	No
st pete	FL	No
St. Petersburg	FL	No
Wilmington	NC	No
wilmington	NC	No
Saint Peter	FL	No
merritt isla	FL	No
st petersbu	FL	No
Charleston	SC	No
st. petersbu	FL	No
Charleston	SC	No
chas	SC	No
mtp	SC	No
Beaufort	SC	No
St Petersburg	FL	No
Jupiter	FL	No
charleston	SC	No
Morehead	NC	No
Saint Peter	FL	No
Atlanta	GA	No
St. Petersburg	FL	No
Tampa	FL	No
moreheaac	NC	No
Stockbridge	GA	No
Jupiter	FL	No
Little River	SC	No
Charleston	SC	No
Dover	DE	No
Silver Spring	MD	No
St. Pete	FL	No
Cape canav	FL	No
Morehead	NC	No

murrells inl SC	No
Austin TX	No
St. Petersburg FL	No
St Pete FL	No
austin TX	No
st petersbu FL	No
Tampa FL	No
Saint Peter FL	No
Morehead NC	No
Tallahassee FL	No
Saint Peter FL	No
ST PETERSE FL	No

it.