

**SSC Roadmap
December 2009**

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1. Introduction

1.1. Documents

Agenda.

Overview

Attachment 1. June 2009 SSC Minutes

Attachment 2. October 2009 SSC and Selection Committee Minutes

1.2. Actions

1) Introductions

2) Adopt agenda

3) Approve minutes

2. SEDAR Activities

2.1. Documents

Attachment 3. SEDAR 19 Schedule

Attachment 4. Uncertainty Workshop Info

Attachment 5. South Atlantic Updates Info

Attachment 6. Spiny Lobster Updates Info

Attachment 7. SEDAR Planning Schedule

2.2. Overview

The SSC is asked to review and comment on administrative and planning documents related to 2010 SEDAR activities and to identify participants for upcoming workshops.

A progress report on SEDAR 19, black and red grouper, is provided.

Update on SEDAR 19: Black and Red Grouper

The SEDAR 19 (Gulf of Mexico and South Atlantic Black Grouper and South Atlantic Red Grouper) Data workshop was held in Charleston, SC June 22-26, 2009. Forty-three participants, along with Council representatives, staff and observers spent the week discussing data issues for the species of interest and produced a Data Workshop Report which is available for download from the SEDAR website:

http://www.sefsc.noaa.gov/sedar/Sedar_Documents.jsp?WorkshopNum=19&FolderType=Data

The Assessment Workshop was held October 5-9, 2009 in St. Petersburg, FL. Bob Muller (FWRI) was the lead analyst for black grouper, and Kyle Shertzer (NMFS – Beaufort) was the lead analyst for red grouper. The workshop participants discussed a variety of data and modeling issues before settling on a

base configuration for each species, along with several sensitivities. The final Assessment Workshop Report is due to SEDAR staff by 21 December 2009.

The Review Workshop is scheduled for January 25-29, 2010 in Savannah, GA. The final Stock Assessment Report for both species will be available for the SSC review at the next meeting.

SEDAR Procedures Workshop: Uncertainty

The next SEDAR Procedural workshop will be held February 22-26, 2010 in Charlotte, NC. The workshop will focus on characterizing and presenting uncertainty in stock assessments in the Southeast. We envision heavy SEFSC participation but as the Council's SSC plays a critical role in interpreting and accepting the science used for management it would be useful to have several members of the SSC participate in the workshop.

This workshop is part of an ongoing series of workshops devoted to particular topics and issues that affect multiple assessments and are intended to improve the performance and efficiency of the SEDAR process.

SEDAR Updates: South Atlantic black sea bass, red snapper, and snowy grouper. Gulf and South Atlantic spiny lobster

Assessment updates will be conducted in 2010 for 4 South Atlantic stocks. As per the revised SEDAR procedures, these updates will be completed primarily through webinars with greater SEDAR staff involvement than previously. There will be one workshop to finalize reports and recommendations for all three assessments, a review by the SSC in early 2011, and presentation to the Council in March 2011. Sea bass, red snapper, and snowy grouper updates will be run with the SEFSC Beaufort Team providing analytical leads. Spiny Lobster is jointly managed by the Gulf and South Atlantic Councils; FL FWC staff are providing analytical lead.

The SSC plays an important role in finalizing TORs for update assessment as the SEDAR guidelines allow the SSC to consider minor modifications in the basic benchmark assessment that are necessary to ensure the best and most up-to-date assessment possible. The SSC is specifically charged with determining how much flexibility can be brought into the updated assessment before triggering a full benchmark.

2.3. Actions

1. SEDAR Procedural Workshop: Uncertainty
 - Identify: SSC Participants and other desired individuals
2. South Atlantic Assessment Updates: red snapper, black sea bass, and snowy grouper
 - Identify: Participants, SSC and other desired individuals
 - Review and finalize: Terms of Reference
 - Review and comment: Schedules
3. Joint Gulf/South Atlantic Updates: Spiny lobster.

Identify: Participants, SSC and other desired individuals
Review and finalize: Terms of Reference
Review and comment: Schedule

3. FMP Updates

3.1. Snapper Grouper 15B

Amendment 15B was approved by the Council and submitted on 7/30/08. The SEFSC certified the amendment as based on best available science on 8/26/08.

Status: The Final Rule published November 16, 2009.

Documents:

Attachment 8. Amendment 15B Final Rule

Staff Contact: Rick DeVictor

3.2. Snapper Grouper 16

Amendment 16 was approved by the Council and submitted on 10/21/08. NMFS declared the transmit date as 12/17/08.

Status: Final Rule published on June 29, 2009.

Documents:

Attachment 9. Amendment 16 Final Rule

Staff Contact: Rick DeVictor

3.3. FEP

The Fishery Ecosystem Plan updates Essential Fish Habitat information in the Habitat Plan and presents refined information on habitat requirements for species managed by the Council. Available information on environmental and habitat variables that control or limit distribution, abundance, reproduction, growth, survival, and productivity of the managed species is included.

Status: The FEP was submitted as a source document in support of CEBA 1 on 10/23/09.

Documents: The FEP and CEBA 1 are available for download and review from the SAFMC website.

Staff Contact: Roger Pugliese

3.4. Comprehensive Ecosystem Based Amendment 1

Actions in this amendment protect specific areas of sensitive habitat, deemed Coral Habitat Areas of Particular Concern (CHAPCs) that house an invaluable array of deepwater coral species living in waters ranging from 400

meters (1200 ft.) to 700 meters (2300 ft.) deep. The South Atlantic region is home to what may be the largest contiguous distribution of deepwater corals in the world, including the common *Lophelia* coral, largely responsible for reef mound construction in these cold water areas. The parameters defined within the amendment aim to shield these areas from impacts associated with bottom-tending fishing practices. For many years fishermen targeting golden crab and royal red shrimp have set their traps and hauled their nets in areas now known to provide suitable habitat for deepwater corals. These small traditional fisheries, however, operate in distinct areas where fishermen can be sure their gear will not become tangled and possibly damaged. Therefore, actions to create “Allowable Golden Crab Fishing Areas” and “Shrimp Fishery Access Areas” within two of the proposed CHAPCs are included to ensure the continued existence of these fisheries and the communities they support.

Documents:

Attachment 10. Comprehensive Ecosystem Based Amendment 1

Status: Approved for submission to the Secretary in September 2009 and currently under review

Staff Contact: Myra Brouwer

4. Snapper Grouper Amendment 18

4.1. Documents:

Attachment 11. Amendment 18 Public Hearing Summary

Attachment 12. Amendment 18 Public Hearing Draft and Appendices

4.2. Overview

The SSC originally received this as Amendment 17, intended to address stocks currently experiencing overfishing. Some actions in the original Amendment 17 were moved to a new Amendment 18 following the December 2008 Council meeting. Amendment 17 was split in 17A and 17B at the June 2009 Council meeting.

Amendment 18 includes actions to address golden tilefish and black sea bass effort trends, extend the range of the snapper-grouper FMP northward, modify snowy grouper and gag quotas and quota management, and improve reporting.

Staff Contact: Kate Quigley

4.3. Snapper Grouper Amendment 18 Schedule

NOI	1/28/09
Approve for Scoping.....	Dec 2008
Scoping Complete.....	Feb 2009
Council review options & make recommendations	March – June 2009
AP review options & make recommendations.....	April 2009
SSC first review	June 2009

Council review & approve for Public Hearing	Sept. 2009
Public Hearings	Nov. 2009
SSC Final review	Dec 2009
Council Approval.....	Dec 2009

4.4. Snapper Grouper Amendment 18 Actions

- Limit participation and effort in the golden tilefish fishery (possibly endorsements or limited access program);
- Limit participation and effort in the black sea bass pot fishery (possibly endorsements or limited access program);
- Extend the range of the snapper grouper fishery management plan north and designate EFH in the new areas;
- Separate the snowy grouper quota into regions/states;
- Separate the gag recreational ACL into region/state ACTs;
- Changes to the Wreckfish ITQ Program;
- Changes to the Golden Tilefish fishing year; and
- Changes to improve data collection.

4.5. Presentations

Overview: Kate Quigley

4.6. ACTIONS

Review and Comment:

- Are technical values accurate and consistent with SSC recommendations?
- Do management analyses follow acceptable practices?

5. Snapper Grouper Amendment 20

5.1. Documents:

- Attachment 13. Wreckfish ITQ Review
- Attachment 14. BLANK

5.2. Overview

Amendment 20 considers changes to the wreckfish ITQ program and addresses SFA requirements such as ACL, ACT, and AMs. The SSC received general information on the wreckfish fishery, including background on status criteria, in June 2009. The Snapper Grouper Committee discussed this Amendment in June and September 2009; committee actions are reflected in the draft amendment.

Staff Contact: Kate Quigley

5.3. Snapper Grouper Amendment 20 Schedule

Council Discuss Options.....	Sept. 2009
NOI	TBD
Approve for Scoping.....	TBD

Scoping CompleteTBD
 Council review options & make recommendationsTBD
 AP review options & make recommendations.....TBD
 SSC first review J TBD
 Council review & approve for Public HearingTBD
 Public HearingsTBD
 SSC Final reviewTBD
 Council Approval.....TBD

5.4. Snapper Grouper Amendment 20 Actions

5.5. Presentations

Overview: Kate Quigley

5.6. ACTIONS

Review and Comment:

- What information should be considered in evaluating the wreckfish ITQ?
- What information is available for determining status criteria?
- Provide advice on analyses to support the FMP.
- Review and comment on fishing level recommendation for wreckfish: MSY, ABC, OFL, ACL, ACT.

6. Golden Crab Amendment 5

6.1. Documents:

- Attachment 15. Golden Crab Criteria Options Paper
- Attachment 16. Golden Crab Catch Shares Report
- Attachment 17. Golden Crab Amendment 5 Draft

6.2. Overview

The SSC received general information on the golden crab fishery in June 2009, including a range of options for management criteria and fishing level recommendations. These options were further reviewed by the Golden Crab Committee in June 2009, leading to a list of management alternatives summarized below from the Committee Report of June 2009.

Staff Contact: Kate Quigley

6.3. Golden Crab Amendment 5 Schedule

Council Discuss Options Sept. 2009
 NOITBD
 Approve for Scoping.....TBD
 Scoping CompleteTBD
 Council review options & make recommendationsTBD
 AP review options & make recommendations.....TBD

SSC first review	J TBD
Council review & approve for Public Hearing	TBD
Public Hearings	TBD
SSC Final review	TBD
Council Approval.....	TBD

6.4. Golden Crab Amendment 5 Actions

I. Maximum Sustainable Yield (MSY)

Option 1. No action. There is no MSY specified for golden crab, and this is a requirement of the MSA. Amendment 3 proposed an MSY range of 4 to 12 million pounds but NMFS disapproved the estimate because the best scientific information available indicated that the range was too high.

Option 2. MSY = 5 million pounds. This figure is supported by the AP.

Option 3. MSY = 2.5 million pounds. This figure was suggested by NMFS in their rejection of the MSY proposed in Amendment 3 (letter from Joseph E. Powers to Fulton Love dated September 12, 2001): “The Southeast Fisheries Science Center in its January 12, 2001, memorandum noted that the results of the most recent stock status evaluation (Harper et al. 2000) indicates that the proposed MSY proxy (4-12-million pounds) appears to be several fold higher than indicated by analyses of historical landings. Specifically, the most recent fishery-based proxy of MSY for the southern and middle zones are on the order of 684,000 pounds per year. Information presented in Section 3.3 of Amendment 3 and in Table 2 summarize MSY proxies for the northern zone. The estimates vary from 170,000 to 1,650,000 pounds. Adding the estimates for the three zones would provide a region-wide proxy of approximately 2.5-million pounds.”

Option 4. MSY = 400,000 – 600,000 pounds. This figure is based on average landings from various years between 1995 and 2007.

Option 5. Recommendation from the SSC.

II. Overfishing Level (OFL)

Option 1. No action. The Maximum Fishing Mortality Threshold (MFMT) = the fishing mortality rate that produces maximum sustainable yield (FMSY) (Golden Crab Amendment 3). The Minimum Stock Size Threshold (MSST) is defined as a ratio of current biomass (BCURRENT) to biomass at MSY or $(1-M)*BMSY$, where 1-M should never be less than 0.5 (Golden Crab Amendment 3). Golden crab would be overfished if current biomass was less than MSST and would be recovered when current biomass (BCURRENT) was equal or greater than the biomass at MSY.

Option 2. OFL = FMSY = 0.7047 based on annual catch data (Harper, Eyo, and Scott, 2000; Table 6).

Option 3. OFL = FMSY = 0.2055 based on quarterly catch data (Harper, Eyo, and Scott, 2000; Table 5).

Option 4. Recommendation from the SSC.

Option 5. The value for Fmsy is obtained from the most recent SEDAR assessment (value or proxy value).

III. Allowable Biological Catch (ABC)

Option 1. No action. There is no ABC specified for golden crab.

Option 2. ABC = 2 million pounds. This is 500,000 pounds less than MSY Alternative 3 (2.5 million pounds).

Option 3. ABC = 1.5 million pounds. This is 1,000,000 pounds less than MSY Alternative 3 (2.5 million pounds).

Option 4. Recommendation from the SSC.

Option 5. ABC = 500,000 and 1,000,000 pounds less than MSY Alternative 2 (5 million pounds).

IV. Annual Catch Limit (ACL)

Option 1. No action. There is no ABC specified for golden crab.

Option 2. ACL=ABC

Option 3. ACL= X pounds less than ABC

6.5. Presentations

Overview: Kate Quigley

6.6. ACTIONS

Provide fishing level recommendations for Golden Crab (MSY, MSST, MFMT, ABC, OFL).

Is the current range of options adequate and appropriate?

What information or advice can the SSC provide to the Council to help in selecting preferred alternatives?

What other information is available for determining status criteria and establishing fishing level recommendations?

Can the SSC provide alternative recommendations for any options?

Provide advice on analyses to consider for the FMP.

7. Mackerel Amendment 18

7.1. Documents:

Attachment 18. Mackerel Decision Document

7.2. Overview

Mackerel 18 began in 2007. In June 2007 the SAFMC deferred action until after SEDAR 16 was completed. In March 2008 SAFMC authorized a joint amendment with GMFMC to address MSRA requirements. Potential actions for SAFMC include:

- Specify OFL and ABC for Atlantic group king mackerel and Spanish mackerel, and Atlantic cobia;
- Specify ACL for Atlantic group king mackerel and Spanish mackerel, and Atlantic cobia ;
- Specify measures to prevent exceeding ACL

Staff Contact: Gregg Waugh

8. Snapper Grouper Amendment 17B

8.1. Documents

Attachment 19: Amendment 17B Public Hearing Summary
 Attachment 20: Amendment 17B AM Summary
 Attachment 21: Amendment 17B Draft and Appendices
 Attachment 22: Tilefish and Gag update

8.2. Overview

The SSC originally received this as Amendment 17, intended to address stocks currently experiencing overfishing. Some actions in the original Amendment 17 were moved to a new Amendment 18 following the December 2008 Council meeting. Amendment 17 was split in 17A and 17B at the June 2009 Council meeting.

Snapper Grouper Amendment 17b addresses the Snapper-Grouper FMP stocks that are currently overfished or experiencing overfishing, with the exception of red snapper which is addressed in 17a. Stocks included are: golden tilefish, snowy grouper, speckled hind, Warsaw grouper, black grouper, red grouper, gag, black sea bass, and vermilion snapper.

The SSC is asked to review the memo from the SEFSC providing updated date for tilefish and P* tables for gag.

Staff Contact: Rick DeVictor

8.3. Amendment 17B Schedule:

Approve Scoping Document/Issues.....	Dec 2007
Scoping Complete.....	Feb 2008
Council review options and make recommendations	March 2008
SSC first review	June 2008
AP review options & make recommendations.....	June 2008
Council review	June 2008 – June 2009
SSC Review	June 2008 - Dec 2009
Council & Committee approve for public hearings.....	Sept. 2009
Public hearings.....	Nov 2009
SSC final review	Dec 2009
Council final approval.....	Dec 2009
Regulations implemented.....	2011

8.4. Amendment 17B Actions

- Extend the range of the snapper grouper fishery management plan north.
- Specify Annual Catch Limits (ACL), Annual Catch Targets (ACT), and Accountability Measures (AM) for 9 species undergoing overfishing;
- Modify management measures to limit landings to the ACT.
- Golden tilefish allocations
- Update framework procedures for snapper-grouper FMP

8.5. Presentations

Overview and Status: Rick DeVictor

8.6. ACTIONS

Review and comment:

- Do management option analyses, including projections, follow acceptable practices, are they based on appropriate inputs and are assumptions clearly stated and reasonable?
- Are technical values in the amendment accurate and consistent with SSC recommendations?
- Are options included that will end overfishing?
- Will any options affect fishing level recommendations, and if so, are those effects identified and addressed?
- Will any of the options impact future data collection and assessment efforts, and are measures in place to address such impacts?
- Are biological and technical consequences of the alternatives accurate, and completely and clearly stated?

9. **Snapper Grouper Amendment 17A**

9.1. Documents

Attachment 23: Amendment 17A Public Hearing summary

Attachment 24: Amendment 17A Public Hearing Draft and Appendices

Attachment 25: Additional Red Snapper Analyses Package

Attachment 26: Amendment 17A Area closure evaluation spreadsheet

9.2. Overview

The SSC originally received this as Amendment 17, intended to address stocks currently experiencing overfishing. Some actions in the original Amendment 17 were moved to a new Amendment 18 following the December 2008 Council meeting. Amendment 17 was split in 17A and 17B at the June 2009 Council meeting.

Snapper Grouper Amendment 17a addresses overfishing and a rebuilding plan for red snapper. Because a harvest prohibition alone may not be sufficient to prevent overfishing due to high discard mortality, the Council is considering time-area closures to all bottom fishing effort. This proposed action has generated considerable controversy and criticism.

The Council has worked on this amendment continually since the SSC met in July 2009. As a result, several new analyses are provided for review and information. In particular, the SSC is directed toward updated projections, including scenarios that consider higher recruitment for the 2005 year class, and to the evaluation of dome shaped selectivity through an additional assessment sensitivity run. The SSC is asked to review the management options to ensure that options that will end overfishing are included, to consider whether there are additional biological, data, or assessment

issues related to the options, and to consider whether evaluations are based on accurate inputs and sound scientific practices.

Staff Contact: Rick DeVictor

9.3. Amendment 17A Schedule:

Approve Scoping Document/Issues.....	Dec 2007
Scoping Complete.....	Feb 2008
Council review options and make recommendations	March 2008
SSC first review	June 2008
AP review options & make recommendations.....	June 2008
Council review	June 2008 – June 2009
SSC Review	June 2008 - Dec 2009
Council & Committee approve for public hearings.....	Sept. 2009
Public hearings.....	Nov 2009
SSC final review	Dec 2009
Council final approval.....	March 2010
Regulations implemented.....	2011

9.4. Amendment 17A Actions:

- Specify Annual Catch Limits (ACL), Annual Catch Targets (ACT), and Accountability Measures (AM) for red snapper
- Specify status determination criteria for red snapper
- Specify a monitoring program for red snapper
- Specify a rebuilding plan for red snapper.
- Modify management measures to limit landings to the ACT.

9.5. Presentations

Overview and Status: Rick DeVictor, SAFMC

Closed area evaluations: Nick Farmer, SERO

Overview of analytical requests fulfilled since June 2009: Erik Williams, SEFSC

9.6. ACTIONS

Review and Comment:

- Do management option analyses, including projections, follow acceptable practices, are they based on appropriate inputs and are assumptions clearly stated and reasonable?
- Is the assessment sensitivity considering dome shaped selectivity conducted appropriately, and does the SSC agree with the conclusions of the analysts?
- Are technical values in the amendment accurate and consistent with SSC recommendations?
- Are options included that will end overfishing?
- Will any options affect fishing level recommendations, and if so, are those effects identified and addressed?

- Will any of the options impact future data collection and assessment efforts, and are measures in place to address such impacts?
- Are biological and technical consequences of the alternatives accurate, and completely and clearly stated?

10. Comprehensive ACL Amendment

10.1. Documents

Attachment 27: Comprehensive ACL Amend Options
 Attachment 28: Comprehensive Amendment Draft
 Attachment 29: Species Groupings Evaluation
 Attachment 30: ABC Control Rule
 Attachment 31: National SSC Briefing Materials
 Attachment 32: Dolphin-Wahoo Decision Document and Data Update

10.2. Overview

This amendment will apply to all Council FMPs and will address ACL and AMs for all stocks not addressed through Snapper-Grouper Amendments 17A, 17B and 20, Golden Crab Amendment 5 and Mackerel Amendment 18.

This will also incorporate the ABC control rule developed by the SSC. The SSC requested that SEFSC provide MSY values for all stocks not currently assessed so that the ABC control rule can be applied. The SSC should consider evaluating these stocks with the ABC control rule to determine the level of buffer to apply, and consider how the buffer can be applied when there is no probability evaluation of overfishing. Progress reports on guidelines and NMFS working groups are expected at the National SSC meeting and may help the SSC in this task.

Staff Contact:

1. Snapper Grouper: Rick DeVictor.
2. Golden Crab: Gregg Waugh
3. Coral: Myra Brouwer
4. Sargassum: Myra Brouwer
5. Dolphin/Wahoo : Gregg Waugh

10.3. Comprehensive ACL Schedule

NOI	1/16/09
Scoping Complete.....	Feb 2009
Council review options & make recommendations	March 2009 – June 2010
APs review	July 2009
SSC first review	Dec 2009
SSC provide ABC recommendations.....	April 2010
Council review & approve for Public Hearing	Sept 2010
Public Hearings.....	Oct 2010
SSC Final review	Sept 2010
Council Approval.....	Dec 2010

Final Review & Submission Dec 2010
 Regulations implemented.....Fishing Year 2011

10.4. Presentations

Overview: TBD

Species Groupings: Nick Farmer, SERO

Update on SSC request for MSY values: Erik Williams, SEFSC

Report from National SSC Meeting: Carolyn Belcher

10.5. ACTIONS

Consider application of ABC control rule for remaining stocks. In particular, consider how to apply the rule when a probability analysis is not feasible. Review species groupings alternatives, comment on the adequacy and appropriateness of suggested groupings, and provide guidance for further work if necessary.

Provide fishing level recommendations for dolphin and wahoo.

Recommend additional analyses and information necessary to provide fishing level recommendations for all remaining stocks at the April 2010 meeting.

Recommended alternatives for AMs for data poor stocks.

11. **Lionfish**

11.1. Documents

Attachment 33: Lionfish Documents

11.2. Overview

Lionfish are an invasive species that appear to be increasing in abundance in South Atlantic waters. James Morris of the NOS Beaufort Laboratory will brief the SSC and the Council on recent research and population assessment activities.

11.3. Presentations

Lionfish Life history, biology, and assessment: James Morris, NOS, Beaufort NC

11.4. Actions

Information item.

12. **Coral and CEBA 2**

12.1. Documents

Attachment 34: Coral AP Recommendations

- Attachment 35: CE-BA 2 Options Paper
- Attachment 36: Octocoral and Liverock harvest (2000-2009)
- Attachment 37: Octocoral Literature Summary
- Attachment 38: Additional info on octocorals
- Attachment 39: Background Documents

12.2.Overview

The South Atlantic octocoral fishery takes place almost exclusively in Florida state waters but it is managed under the Coral FMP. The quota for federal waters, established jointly with the Gulf of Mexico Fishery Management Council, is 50,000 colonies. Florida places no restrictions on harvest of octocorals in state waters until the federal quota is met. Therefore, harvest of octocorals in state waters is essentially unlimited since the federal quota has never been met. The Coral Advisory Panel met in September 2009 and discussed recommendations for MSY, ABC, OFL and ACL based on harvest data for 2000-2008. Those recommendations were included in the Options Paper for Comprehensive Ecosystem-Based Management 2 (CE-BA 2) and reviewed at the September Council meeting. An MSY value has been requested from the Southeast Fisheries Science Center but has not yet been provided. The Council's considerations for this fishery also include setting ACL=0 for octocorals and only allowing harvest in federal waters via the existing Live Rock Aquaculture program and transferring management authority to the state.

Orange Cup Corals

The CE-BA 2 options paper includes an action to allow harvest of the exotic stony coral *Tubastraea coccinea* (orange cup coral). Consideration for this action was requested by members of the Coral AP. Marine life harvesters in Florida have already approached the state to allow harvest of this species. However, even though this species is non-native, its scientific classification places it under regulation by the FWC in Marine Life Rule 68B-42. The state does not want to treat this species any different than the native ones because (1) it is a stony coral and harvest of stony corals is prohibited under state regulations and there are no exceptions in rule for non-native species, and (2) because it would require law enforcement officers to know the difference between all of the native species and this exotic species.

- There are currently no reports of orange cup coral on natural substrate in Fla. It has been observed in the northern Bahamas reefs and it is likely that it will eventually colonize natural reef/hardbottom
- This is a species that occurs mostly in state waters, but it is also found in the Florida Keys NMS and on artificial reefs in Federal waters. It is also likely that cup coral will move north (with prevailing current) to artificial reefs up the Florida coast, some of which may be in fed waters.
- Artificial reefs are designated HAPCs; allowing take through federal regulation would mean allowing harvest in an HAPC. But it is also an exotic so it may promote healthier HAPCs?

12.3. Presentations

Coral Fishery Overview: Mark Robson, FL FWCC

12.4. Actions

- Provide fishing level recommendations for octocorals (OFL, MSST, MSY, ABC etc)
- Review alternatives currently in CE-BA 2 and provide recommendations for each action.

Staff Contact: Myra Brouwer

13. General Information

Attachment 40: Fishery Bulletins

Attachment 41: Prager and Shertzer 2009 OFL and ABC

14. Future Meetings

14.1. Spring 2010

14.1.1. Time and Place

April 20 – 22, 2010.
Charleston SC

14.1.2. Probable discussion items

1. Comprehensive ACL Amendment - ABCs
2. Red and Black grouper assessments, fishing level recommendations.

14.1.3. Action

1. List discussion items to add for next meeting.
2. List presentations requested for next meeting.
3. List supporting documentation requested for next meeting.

14.2. Fall 2010

14.2.1. Time and Place

TENTATIVE: last week of September 2010;
Charleston, SC

14.2.2. Probable discussion items

14.3. Winter 2011

14.3.1. Time and Place

TENTATIVE: 1st week of February, 2011
Charleston, SC.

- 14.3.2. Probable discussion items
 - Review SEDAR Assessment Updates

15. Other Business

16. Adjourn