

SEDAR

SouthEast Data, Assessment, and Review

South Atlantic Fishery Management Council
Gulf of Mexico Fishery Management Council
Caribbean Fishery Management Council
NOAA Fisheries Southeast Fisheries Science Center
NOAA Fisheries Southeast Regional Office
Atlantic States Marine Fisheries Commission
Gulf States Marine Fisheries Commission

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MEMORANDUM

TO: SEDAR Steering Committee
FROM: John Carmichael, SEDAR Coordinator
DATE: October 12, 2006
RE: Species listing for future SEDAR assessments

The SEDAR Steering Committee recommended that Council SSCs evaluate data availability and assessment opportunities for those species which have not been assessed through SEDAR. The Committee also recommended developing a 'stocks of concern' list for future planning. Specific experts from the last meeting detailing these recommendations are provided below:

"The Committee discussed the potential to assess other species in the region. Candidate species of concern include red snapper, red grouper, and black grouper in the South Atlantic; Queen triggerfish, deepwater snappers, and red hind in the Caribbean; and black grouper in the Gulf. It was agreed that species currently listed as overfished or overfishing should be addressed through SEDAR assessments at some point.

*The Committee agreed that Council SSCs should evaluate data availability for those species which have not been assessed by SEDAR and determine whether adequate data exist to conduct assessments. Data tabulations for TIP, MRFSS, and the Headboat program similar to that included in the research and monitoring report should be prepared for the species of concern listed, those currently reported as overfished or overfishing, those specifically addressed in the annual report to Congress, and those identified as indicator species by the Councils. Council SSCs should review available data and provide a list of species for consideration in future SEDAR assessments. **For the next Steering Committee meeting each Council should provide a list of candidate species that it believes should be considered for assessment and therefore included in the universe of species for consideration in SEDAR scheduling.***

The Committee agreed to develop an additional 'stocks of concern' listing for future planning purposes. This list will identify those species for which concerns exist regarding stock status that lack adequate information for traditional catch-based assessments or lack progress on critical research issues that inhibit drawing reliable inference from assessments. In reviewing additional species, Councils and their SSC's should indicate whether the species should be considered for benchmark or the stocks of concern listing."

I consulted the 2005 Status of Stocks report to determine the species listed as 'overfished' or 'overfishing' to address the first category for evaluation. Tables 1 - 3 summarize status determinations, assessment status, and data evaluation for stocks in the Fish Stock Status

Indicator (FSSI) category, stocks currently on the SEDAR schedule, and any non-FSSI stocks for which status is provided in the 2005 report. Most FSSI stocks are on the current SEDAR schedule and therefore data for these stocks have been evaluated, either through a SEDAR assessment or in 'Research and Monitoring Needs for Southeast Fisheries' provided to the Steering Committee in August 2006. There are a few stocks which are not included in the 'FSSI' but are scheduled for assessment by SEDAR.

Table 4 summarizes by Council those stocks in Tables 1 - 3 for which no data evaluation is known. I will contact SEFSC personnel to obtain biological data tabulations for the finfish species on this list, similar to that provided for the other species in the Research and Monitoring Needs report. I will request the tabulation from TIP by the end of October so that it can be provided for upcoming Gulf of Mexico and South Atlantic Council SSC meetings. Tabulations from MRFSS and the Headboat program may take longer. I will provide the information to the Steering Committee and Councils as soon as it is received.

Stocks Listed in the 2005 Status of Stocks
(Reported status determinations as listed in 2005 Status of Stocks)

Table 1. South Atlantic Fishery Management Council Stocks

Table 2. Gulf of Mexico Fishery Management Council Stocks

Table 3. Caribbean Fishery Management Council Stocks

Table 4. Stocks lacking data evaluation.

Table 1. South Atlantic Fishery Management Council

Stock	Overfished	Overfishing	Assessment	Data Evaluation?
FSSI Overfishing/Overfished Stocks				
Vermilion Snapper	Y	? ¹	S2	SEDAR
Red Snapper	Y	Y	S22	SEDAR
Snowy Grouper	Y	Y	S4	SEDAR
Red Grouper	Y	Y	S22	N
Black Sea Bass	Y	Y	S2	SEDAR
Gag	Y	?	S10	SEDAR
Speckled Hind	Y	Y		N
Warsaw Grouper	Y	Y		N
Tilefish	Y	?	S4	SEDAR
Black Grouper	Y	Y	S22	N
Goliath Grouper	?	Y	S6	SEDAR
Red Porgy	?	Y	S1	SEDAR
Red Drum	Y	Y	RDSAP 199X	N
FSSI/Neither Overfishing nor Overfished				
White Shrimp	N	N		N
Rock Shrimp	N	N		N
Brown Shrimp	N	N		N
Pink Shrimp	N	N		N
Greater Amberjack	N	N	S15	Doc 1 ²
Scamp	N	N		N
White Grunt	N	N	S15	Doc 1
Gray Triggerfish	N	N		N
Hogfish	N	N	S6	Doc 1
Wreckfish	N	N		N
Dolphin	N	N		N
King Mackerel ATL	N	N	S5	SEDAR
Spanish Mackerel ATL	N	N	MSAP 199X	Doc 1
Little Tunny	N	N		N
Cobia	N	N		N
Yellowtail Snapper	N	N	S3	SEDAR
Spiny Lobster	N	?	S8	SEDAR
Non-FSSI, Status Determination Made				
Nassau Grouper	?	Y		N
Mutton Snapper	N	N		N
Yellowedge Grouper	N	N		N
Lane Snapper	N	N		N
Sargassum	N	N		N

Table 2. Gulf of Mexico Fishery Management Council.

Stock	Overfished	Overfishing	Assessment	Data Evaluation?
FSSI Overfishing/Overfished Stocks				
Red Snapper	Y	Y	S7	SEDAR
Red Grouper	Y	?	S12	Doc 1
Vermilion Snapper	Y	Y	S9	SEDAR
Red Drum	?	Y		Doc 1
Gag				SEDAR
Goliath Grouper	?	Y	S6	SEDAR
FSSI/Neither Overfishing nor Overfished				
Stone Crab	N	N		N
Brown Shrimp	N	?		N
Pink Shrimp	N	?		N
White Shrimp	N	?		N
Royal Red Shrimp	N	?		N
Gray Triggerfish	?	?	S8	SEDAR
Yellowedge Grouper	?	?	S16	SEDAR
Snowy Grouper	?	?		N
Black Grouper	?	?		N
Gag Grouper	N	N	S10	SEDAR
Hogfish	?	?	S6	SEDAR
King Mackerel	N	N	S5	SEDAR
Spanish Mackerel	N	N	MSAP 199X	N
Little Tunny	N	N		N
Cobia	N	N		N
Dolphin	N	N		N
Yellowtail Snapper	N	N	S3	SEDAR
Non-FSSI, SEDAR Assessment Completed or Scheduled				
Tilefish	?	?	S16	Doc 1
Non-FSSI, Status Determination Made				
Nassau Grouper	?	Y		N

Table 3. Caribbean Fishery Management Council

Stock (Indicator)³	Overfished	Overfishing	Assessment	Data Evaluation?
FSSI Overfishing/Overfished Stocks				
Grouper 1 (Nassau)	Y	Y		N
Grouper 2 (Goliath)	?	Y		N
Grouper 4 (yellowfin)	Y	Y	S14	Doc 1
Snapper 1 (Silk)	Y	?		N
Queen Conch	Y	Y	S14, S21	Doc 1
FSSI/Neither Overfishing nor Overfished				
Snapper 4 (Yellowtail)	?	?	S3, S21	SEDAR
Snapper 3 (Mutton?)	?	?	S14	Doc 1
Spiny Lobster	?	?	S8, S21	SEDAR
Non-FSSI, Status Determination Made				
Parrotfishes	Y	?		N
Non-FSSI, SEDAR Assessment Completed or Scheduled				
Triggerfish (Queen Triggerfish)	?	?	S23	N
Deepwater Snapper (Snapper 2? Queen?)	?	?	S23	N
Grouper 3 (Red Hind)	?	?	S23	N

Table 5. Summary by Council of stocks included in tables above but lacking known evaluations of biological sampling intensity. Shellfish are listed separately as typical biological samples are seldom taken.

SAFMC	GMFMC	CFMC
Red Grouper	Nassau Grouper	Grouper 1 (Nassau)
Speckled Hind	Snowy Grouper	Grouper 2 (Goliath)
Warsaw Grouper	Black Grouper	Snapper 1 (Silk)
Black Grouper	Spanish Mackerel	Parrotfishes
Nassau Grouper	Little Tunny	Queen Triggerfish
Scamp	Cobia	Deepwater Snapper
Gray Triggerfish	Dolphin	Red Hind
Wreckfish		
Dolphin	-----	
Little Tunny	Stone Crab	
Cobia	Brown Shrimp	
Mutton Snapper	Pink Shrimp	
Yellowedge Grouper	White Shrimp	
Lane Snapper	Royal Red Shrimp	

White Shrimp		
Rock Shrimp		
Brown Shrimp		
Pink Shrimp		

Sargassum		

Table Notes

NOTES:

1. “?” Includes stocks for which status is unknown but management benchmarks exist, as well as stocks which lack approved management benchmarks .
2. ‘Doc 1’ refers to: Carmichael, J. T. 2006. Research and Monitoring Needs for Southeast Fisheries.
3. For some Caribbean Units the indicator is not clear or not specified. ‘Deepwater Snappers’ is scheduled for SEDAR 23 as opposed to a numbered snapper unit.