



SEDAR

SouthEast Data, Assessment, and Review

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SEDAR South Atlantic Red Grouper Update Assessment

Terms of Reference

1. Update the approved SEDAR 19 South Atlantic red grouper base model with data through 2014.
2. Document any changes or corrections made to the model and input datasets and provide updated input data tables. Provide commercial and recreational landings and discards in pounds and numbers.
3. Update model parameter estimates and their variances, model uncertainties, and estimates of stock status and management benchmarks.
4. Provide stock projections, including a pdf for biological reference point estimates and yield separated for landings and discards reported in pounds and numbers. Projection results are required through 2020. Projection criteria:
 - To determine OFL: apply an annual probability of overfishing = 50%.
 - To evaluate the existing rebuilding plan: base on fixed exploitation at 75% Fmsy. In addition to reporting yield and stock status as described above, for this projection also report the probability that $SSB > SSB_{msy}$.
 - Potential Alternative Rebuilding: If results of this projection indicate that the stock is not rebuilt by 2020 (as evidenced by $SSB > SSB_{msy}$ at 50% probability), provide an additional projection based on a fixed exploitation rate (Frebuild) where Frebuild is defined as the maximum exploitation rate that provides 0.70 probability of rebuilding ($SSB > SSB_{msy}$) by 2020.
5. Develop a stock assessment update report to address these TORS and fully document the input data and results of the stock assessment update.

NOTE: The intent of update assessments is to expedite appraisals of stock status by using only the methods and data sets used in the base model and approved during the preceding SEDAR assessment of that stock. Accordingly, it is not the intent of this update to resolve any outstanding issues identified in the initial SEDAR 19 assessment.



**Summary of SEDAR Project Schedules for 2016 assessments
(25 March 2015)**

SEDAR 41 – South Atlantic Red Snapper and Gray Triggerfish (Benchmark)

DW: August 4-6, 2015 - Charleston

AW workshop: November 17-20, 2015 - Morehead City, NC

RW: March 15-18, 2016 – Atlantic Beach, NC

Terminal Year of Data: 2014

Report Available to Council: April 2016

Coordinator: Julia

SEDAR 46 –Caribbean Data Poor Stocks

Data Deadline: 29 May 2015

In-person workshop: November 2-6, 2015 – Puerto Rico

RW: February 23-25, 2016 – Miami, FL

Terminal Year of Data: 2014

Report Available to Council: April 2016

Coordinator: Julie

SEDAR 47 – Goliath Grouper (Benchmark)

Data Deadline: 11 September 2015

RW: May 2016

Terminal Year of Data: 2014

Report Available to Council: June 2016

Coordinator: Julie

SEDAR 48 Southeastern Black Grouper (Standard)

Data Deadline: 23 October 2015

Terminal Year of Data: 2014

Report Available to Council: August 2016

Coordinator: Julie

SEDAR 49 – Gulf of Mexico Data-limited Species (Benchmark)

Working Paper Deadline: 18 April 2016

DW: 2-6 May 2016 – TBA (Tampa/Saint Pete?)

Assessment webinars: June – August 2016

RW: 1-3 November 2016

Terminal Year of Data: 2014

Report Available to Council: December 2016

Coordinator: Julie

SEDAR 50 – ASMFC Spot/croaker (Review only)

RW: August 16-18, 2015 – TBA

Terminal Year of Data: 2014 (?)

Report Available to Commission: October 2016

**Summary of SEDAR Project Schedules for 2016 assessments
(25 March 2015)**

Coordinator: Julia

Other Assessments/data needs scheduled for 2016:

Updates for HMS Dusky Shark:

Data Deadline: 19 February 2016
Terminal Year of Data: 2014
Report Available to Council: July 2016
Coordinator: Julie

Update for GoM Gag:

Data Deadline: 15 July 2016
Terminal Year of Data: 2015
Report Available to Council: January 2017
Coordinator: Julie

Update for SA Blueline Tilefish:

Data Deadline: 26 August 2016
(Landings and discard estimates to be delivered in May)
Terminal Year of Data: 2015
Report Available to Council: January 2017
Coordinator: Julia

Update for SA Red Grouper:

Data Deadline: 26 August 2016
(Landings and discard estimates to be delivered in June)
Terminal Year of Data: 2015
Report Available to Council: January 2017
Coordinator: Julia

Update for GoM Greater Amberjack:

Data Deadline: 31 August 2016
Terminal Year of Data: 2015
Report Available to Council: February 2017
Coordinator: Julie

Gray and Lane Snapper Stock ID Procedural Workshop – ???

Location: TBA

**Summary of SEDAR Project Schedules for 2016 assessments
(25 March 2015)**

Data Deadlines Summary Table (arranged in chronological order by data deadline)

SEDAR Project	Data Deadline	Assessment Approach
HMS dusky shark	19 February 2016	Update
SEDAR 49 – GoM data-limited	18 April 2016 (working papers due)	Benchmark
GoM gag grouper	15 July 2016	Update
SA red grouper	26 August 2016	Update
SA blueline tilefish	26 August 2016	Update
GoM greater amberjack	31 August 2016	Update



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SEDAR Assessment Projects

as of November 2014

SEDAR Benchmark and Standard Assessments

Start Year	SEDAR #	SPECIES & JURISDICTION	Assessment Track	Terminal Year of Data	Available to Cooperator
2002	1	SAFMC red porgy	Benchmark	2001	2003
	2	SAFMC vermilion snapper & black sea bass	Benchmark	2001	2003
2003	3	SAFMC & GMFMC yellowtail snapper; ASMFC Atlantic menhaden & croaker (Review)	Benchmark	2001	2003
	4	SAFMC tilefish & snowy grouper	Benchmark	2002	2003
	5	SAFMC & GMFMC king mackerel	Benchmark	2002	2004
	6	SAFMC & GMFMC goliath grouper & hogfish	Review	2001	2004
2004	7	GMFMC red snapper	Benchmark	2003	2005
	8A	CFMC yellowtail snapper & spiny lobster	Benchmark	2003	2005
2005	8B	FL FWC spiny lobster	Review	2003	2005
	9	GMFMC vermilion snapper, greater amberjack & gray triggerfish	Benchmark	2004	2006
	U	SAFMC black sea bass	Update	2003	April 2005
	11	HMS large coastal sharks	Benchmark	2004	June 2006
2006	10	SAFMC & GMFMC gag grouper	Benchmark	2004	2006
	12	GMFMC red grouper	Benchmark	2005	2006
	U	SAFMC red porgy	Update	2004	April 2006
2007	13	HMS small coastal sharks	Benchmark	2005	September 2007
	14	CFMC yellowfin grouper, mutton snapper & queen conch	Benchmark	2005	2007
	15	SAFMC greater amberjack & red snapper; FL FWC mutton snapper Review	Benchmark	2006	2007
	U	SAFMC vermilion snapper	Update	2006	June 2007
2008	16	SAFMC & GMFMC king mackerel	Benchmark	2006	March 2009
	17	SAFMC Spanish mackerel & vermilion snapper	Benchmark	2007	November 2008
2009	18	ASMFC Atlantic red drum	Benchmark	2007	October 2008
	19	SAFMC & GMFMC black grouper, SAFMC red grouper	Benchmark	2008	April 2010
	U	GMFMC gag, red grouper GMFMC red snapper	Update	2008	August 2009 December 2009
2010	20	ASMFC menhaden & croaker	Review	2008	March 2010
	21	HMS sandbar, dusky & blacknose sharks	Benchmark	2009	September 2011
	22	GMFMC yellowedge grouper & tilefish	Benchmark	2009	July/August 2011

	23	FL FWC Goliath grouper	Benchmark	2009	March 2011
	24	SAFMC red snapper	Benchmark	2009	October 2010
	U	FL FWC spiny lobster	Update	2009/2010	December 2010
	U	GMFMC greater amberjack	Update	2008	February 2011
2011	25	SAFMC black sea bass and golden tilefish	Standard	2010	October 2011
	26	CFMC silk snapper, parrotfish, and queen snapper	Benchmark	2010	December 2011
	27	GSMFC menhaden	Review	2010	December 2011
	27A	FL FWC Yellowtail Snapper	Benchmark	2010	August 2012
	29	HMS GOM blacktip shark	Standard	2010	May 2012
	U	GMFMC vermilion snapper and gray triggerfish	Update	2010	December 2011
2012	28	GMFMC and SAFMC cobia and Spanish mackerel	Benchmark	2011	SA: December 12 Gulf: April 2013
	30	CFMC blue tang and queen triggerfish	Benchmark	2011	April 2013
	31	GMFMC red snapper	Benchmark	2011	June 2013
	U	SAFMC vermilion snapper and red porgy	Update	2011	October 2012
	U	ASMFC Atlantic menhaden	Update		2012
	U	FL FWC mutton snapper	Update	2011	August 2014
2013	32	SAFMC blueline tilefish	Benchmark	2011	September/ November 2013
	32A	GSMFC menhaden	Review		
	33	GMFMC gag and greater amberjack	Benchmark	2012	April 2014
	34	HMS bonnethead and Atlantic sharpnose sharks	Standard	2011	October 2013
	36	SAFMC snowy grouper	Standard	2012	October 2013
	37	FL FWC hogfish	Review	2012	August 2014
	38	SAFMC and GMFMC king mackerel	Benchmark	2012	August 2014
	U	SAFMC black sea bass	Update	2012	March 2013
2014	35	CFMC red hind	Benchmark	2012	October 2014
	39	HMS smoothhound sharks, Gulf and Atlantic	Benchmark	2012	March 2015
	40	ASMFC Atlantic menhaden	Review	2012	January 2015
	41	SAFMC red snapper and gray triggerfish	Benchmark	2014	April 2016
	42	GMFMC red grouper	Benchmark	2013	August 2015
	U	GMFMC red snapper	Update	2013	December 2014
	U	SAFMC gag grouper	Update	2012	April 2014
2015	43	GMFMC gray triggerfish	Standard	2013	July 2015
	44	ASMFC red drum	Review	2013	October 2015
	45	GMFMC vermilion snapper	Standard	2014	March 2016
	46	CFMC data limited stocks	Benchmark	2013	May 2016
	U	FL FWC goliath grouper	Update	2014	October 2015
	U	FL FWC black grouper	Update	2014	October 2015

SEDAR Methods and Procedures Workshops

Number	Year	Topic
1	2008	Indices Development and Evaluation
2	2008	Evaluating and Modeling Catchability
3	2009	Caribbean Data Review
4	2010	Evaluating Assessment Uncertainty

5	2012	GOM Episodic Events Workshop
6	2014	South Atlantic Shrimp Data Evaluation
7	2015	Best Practices, Data
	2015	Best Practices, Assessment