



SEDAR

SouthEast Data, Assessment, and Review

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SEDAR 59 South Atlantic Greater Amberjack Assessment*

Terms of Reference

1. Prepare a standard assessment, based on the approved SEDAR 15 South Atlantic Greater Amberjack assessment with data through 2016. Provide commercial and recreational landings and discards in pounds and numbers. Provide a model consistent with the SEDAR 15 assessment configuration and revise configurations as necessary to incorporate and evaluate any changes in model inputs or parameterization approved during this assessment.
2. Evaluate and document the following specific changes in input data or deviations from the update model. (List below each topic or new dataset that will be considered in this assessment.)
 - Consider including the SERFS video and HB at sea indices of abundance.
 - Incorporate the latest BAM model configurations and updates to data calculation methodologies, detailing the changes made and the impacts of those changes between the SEDAR 15 model and the proposed SEDAR 59 model.
 - Re-consider use of age and length composition data.
3. Document any changes or corrections made to the model and input datasets and provide updated input data tables. Fully document and describe the impacts (on population parameters and management benchmarks) of any changes to the model structure, methods, application or fitting procedures made between this assessment and the SEDAR 15 assessment.
4. Update model parameter estimates and their variances, model uncertainties, and estimates of stock status and management benchmarks. Compare population parameter trends and management benchmarks estimated in this assessment with values from the previous assessment, and comment on the impacts of changes in data, assumptions or assessment methods on estimated population conditions and benchmarks.
5. 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 2023, with projected fishing level changes beginning in late 2019. The panel shall provide guidance on appropriate assumptions to address harvest and mortality levels in the interim years between the assessment terminal year (2016) and the first year of management (2019). Projection criteria:
 - To determine OFL: (1) $P^*=50\%$; (2) F_{msy}
 - To determine ABC: (1) $P^*=40\%$; (2) $75\%F_{msy}$



6. Develop a stock assessment update report to address these TORS and fully document the input data, methods, and results of the stock assessment update.

*NOTE: This assessment will follow a Standard Assessment Approach.



SEDAR 59
South Atlantic Greater Amberjack
Standard Assessment
Schedule of Events

Terminal Year: 2016

TORS and Schedule Approved	December 2017
Workshop Appointments Final	December 2017
Data Scoping Webinar	<i>week of March 26th, 2018</i>
Updated datasets & preliminary new datasets to Analytic Team	May 25, 2018
Working Paper Submission to SEDAR Staff.....	June 18, 2017
Assessment Scoping Webinar	<i>week of June 25th, 2018</i>
• <i>Review data and discuss initial model issues</i>	
Assessment webinar I	<i>week of August 6th, 2018</i>
Assessment webinar II	<i>week of September 24th, 2018</i>
Assessment webinar III.....	<i>week of October 29th, 2018</i>
Assessment Report Draft to panel for review	November 16, 2018
Assessment Report comments due to editors.....	December 3, 2018
Final Assessment Report to SEDAR staff	December 10, 2018
Complete Assessment Report Submitted to Council	December 17, 2018



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SEDAR 60 South Atlantic Red Porgy Assessment*

Terms of Reference

1. Prepare a standard assessment, based on the approved 2012 SEDAR 1 South Atlantic Red Porgy Update assessment with data through 2017. Provide commercial and recreational landings and discards in pounds and numbers. Provide a model consistent with the 2012 SEDAR 1 Update assessment configuration and revise configurations as necessary to incorporate and evaluate any changes in model inputs or parameterization approved during this assessment.
2. Evaluate and document the following specific changes in input data or deviations from the update model. (List below each topic or new dataset that will be considered in this assessment.)
 - Consider including the SERFS video index
 - Incorporate the latest BAM model configurations and updates to data calculation methodologies, detailing the changes made and the impacts of those changes, between the 2012 SEDAR 1 South Atlantic Red Porgy Update assessment model and the proposed SEDAR 60 model.
 - Re-consider use of age and length composition data.
3. Document any changes or corrections made to the model and input datasets and provide updated input data tables. Fully document and describe the impacts (on population parameters and management benchmarks) of any changes to the model structure, methods, application or fitting procedures made between this assessment and the 2012 SEDAR 1 South Atlantic Red Porgy Update assessment.
4. Update model parameter estimates and their variances, model uncertainties, and estimates of stock status and management benchmarks. Compare population parameter trends and management benchmarks estimated in this assessment with values from the previous assessment, and comment on the impacts of changes in data, assumptions or assessment methods on estimated population conditions and benchmarks.
5. Provide stock projections, including a pdf (probability density function) for biological reference point estimates and yield separated for landings and discards reported in pounds and numbers. Projection results are required through 2024, with projected fishing level changes beginning in late 2019. The panel shall provide guidance on appropriate assumptions to address harvest and mortality levels in the interim years between the assessment terminal year (2017) and the first year of management (2019). Projection criteria:
 - To determine OFL: (1) $P^* = 50\%$; (2) F_{msy}



- 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 $SSB > SSB_{msy}$.
6. Develop a stock assessment update report to address these TORS and fully document the input data, methods, and results of the stock assessment update.

*NOTE: This assessment will follow a Standard Assessment Approach.



SEDAR 60
South Atlantic Red Pogy
Standard Assessment
Schedule of Events

Terminal Year: 2017

TORS and Schedule Approved	December 2017
Workshop Appointments Final	December 2017/March 2018
Data Scoping Webinar	<i>week of June 18th, 2018</i>
Updated datasets & preliminary new datasets to Analytic Team	August 10, 2018
Working Paper Submission to SEDAR Staff.....	September 17, 2018
Assessment Scoping Webinar	<i>week of October 1st, 2018</i>
• <i>Review data and discuss initial model issues</i>	
Assessment webinar I	<i>week of November 12th, 2018</i>
Assessment webinar II	<i>week of December 17th, 2018</i>
Assessment webinar III.....	<i>week of January 21st, 2019</i>
Assessment Report Draft to panel for review	February 15, 2019
Assessment Report comments due to editors.....	March 1, 2019
Final Assessment Report to SEDAR staff	March 8, 2019
Complete Assessment Report Submitted to Council	March 15, 2019