

SEDAR

SouthEast Data, Assessment, and Review

4055 Faber Place Drive, Suite 201, North Charleston, SC 29405

Phone: (843) 571-4366 Fax: (843) 769-4520 SEDARweb.org

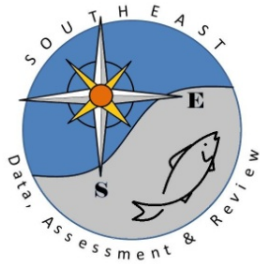
SEDAR 68 South Atlantic Scamp

Operational Assessment

Draft Terms of Reference

1. Update the approved SEDAR 68 South Atlantic Scamp model with data through 2020. Incorporate the latest BAM model configurations and updates to data calculation methodologies, detailing the changes made between the SEDAR 68 South Atlantic Scamp research track assessment model and the proposed SEDAR 68 Operational assessment model.
2. Consider new and updated information on life history, steepness, discard mortality, commercial and recreational landings and discards. Note any particular concerns or problems with data collected in 2020 and beyond. Document any changes or corrections made and provide updated input data tables. Provide commercial and recreational landings and discards in pounds and numbers
3. Examine and describe impacts on model performance and estimates of the data limitations in 2020 and beyond.
4. Update model parameter estimates and their variances, model uncertainties, estimates of stock status and management benchmarks, and provide the probability of overfishing occurring at specified future harvest and exploitation levels.
5. Explore using measures of precision for recreational catch estimates that better capture the extent of the uncertainty around those recreational catch estimates as an alternate run or a potential base run
6. Explore using appropriate CVs for the landings data to capture the uncertainty in the model results as an alternate run or a base run. **Specific to Red Grouper and Blueline tilefish**
7. Calculate different F metrics in addition to apical F (to address shifts in the age of apical F towards the end of the assessment time series). **Specific to Red Grouper**
8. Review and consider the findings of the 2020 FFWC selectivity workshop. **Specific to Vermilion Snapper**
9. Update model parameter estimates and their variances, model uncertainties, estimates of stock status and management benchmarks, and provide the probability of overfishing occurring at specified future harvest and exploitation levels. Investigate asymmetric distributions for incorporating MRIP parameters. **Specific to Blueline tilefish**





SEDAR

SouthEast Data, Assessment, and Review

4055 Faber Place Drive, Suite 201, North Charleston, SC 29405

Phone: (843) 571-4366 Fax: (843) 769-4520 SEDARweb.org

-
10. Convene topical working group(s) including SSC representatives, industry representatives, and outside experts to meet via webinar or in-person. This group(s) of specialists will evaluate the following subjects and document specific changes in input data or deviations from the SEDAR 68 research track model.
 - a. Is this necessary, what would the subject be, who is needed to complete the task, in person or webinar?

 11. Develop a stock assessment report to address these TORs and fully document the input data, methods, and results.

