



SEDAR

SouthEast Data, Assessment, and Review

4055 Faber Place Drive #201
North Charleston SC 29405

Phone (843) 571-4366
Fax (843) 769-4520
<http://sedarweb.org/>

MEMORANDUM

TO: John Carmichael, Executive Director, SAFMC
FROM: Kathleen Howington, SEDAR Coordinator
DATE: November 15, 2021
RE: Request for approval of the Project Schedule and Terms of Reference for SEDAR 68 Scamp Operational Assessment

Attached you should find the draft Project Schedule and draft Terms of Reference for the SEDAR 68 Operational assessment of South Atlantic Scamp.

This schedule and terms of reference have been produced through discussions with the SEFSC with acknowledgement of other known meetings, time constraints and in accordance with SEDAR procedures. The assessment will be available for review by November 2022.

I would appreciate it if this schedule and the Terms of Reference could be included for discussion and approval at your December 2021 Council meeting. Please inform me of the results of your consideration by December 31, 2021.

Thank you for your attention to this matter.

cc

Chip Collier





SEDAR 68
South Atlantic Scamp
Operational Assessment
Draft Schedule of Events

TORS and Schedule Approved..... December 2021

Data Scoping Call The week of Jan 24, 2022

Deadline for Length and Age data (QA/QC'd in standard format)..... February 18, 2022

Deadline for the compilation of Length and Age data March 11, 2022

Deadline for final Landings data and MRIP catch estimates June 10, 2022

Deadline for submission of final analytical products (including commercial discards, indices, and age/length comps)..... July 22, 2022

Working paper submission to SEDAR Staff.....September 2, 2022

Final Assessment Report to SEDAR staff.....November 18, 2022

Complete Assessment Report Submitted to Council.....November 23, 2022

These are primary data milestones. See the data delivery timeline for specific details on when specific data components are due.

Assessment Information and Contacts

Prior Assessment: SEDAR 68 Research Track assessment

Terminal year of prior assessment: 2017

Terminal year for this assessment: 2021 (provide any partial or preliminary 2021 data available at the time of data provision)

Lead Analysts and Agency: SEFSC, Rob Cheshire <rob.cheshire@noaa.gov>

Data Point of Contact: SEFSC, TBD

SEDAR Coordinator: Kathleen Howington (kathleen.howington@safmc.net)

SEDAR Cooperator: South Atlantic Fishery Management Council



SEDAR

SouthEast Data, Assessment, and Review

4055 Faber Place Drive #201
North Charleston SC 29405

Phone (843) 571-4366
Fax (843) 769-4520

<http://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 2021 (provide any partial or preliminary 2021 data available at the time of data provision). 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 updated information on life history, steepness, discard mortality, commercial and recreational landings and discards. Note any particular concerns or problems with any data collected since the completion of the research track. 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 any data collected since the completion of the research track.
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. Investigate potential changes to selectivity structure for Chevron trap data, using likelihood values to guide in determining best configuration. Consider sensitivities such as:
 - a. Explore time-varying selectivity in the Chevron trap index
 - b. Examine change over time in length and age comps
 - c. Random walk on A50 selectivity parameter. Examine multispecies/targeting impact on selectivity.
6. Investigate influence of length and age composition data on stock assessment model. Consider the following:
 1. Dropping length comps from model.
 2. Excluding Chevron trap age comps.
 3. Address mismatch between length and age comps.
7. Explore time-varying catchability in the Chevron trap index.
8. The SR curve overestimates R at low stock sizes and vice versa. Steepness may not be appropriately defined. Examine alternative way to estimate recruitment without SR curve.

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

