



# 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 89 South Atlantic Tilefish Operational Assessment Terms of Reference**

1. Submit all data used in the SEDAR 66 South Atlantic Tilefish SEDAR process. Add all new and recent available data sufficient for use in the stock assessment through 2023. Data providers may decide to include additional preliminary or partial data that could be used in the stock assessment models or projection analyses (check with analysts if unsure about what could or could not be used).
2. Update the approved SEDAR 66 Atlantic Tilefish models with all provided and relevant data. Incorporate the latest and most appropriate BAM model methodologies, including relevant advances in fisheries science, biology, population dynamics, and stock assessment science.
3. Apply appropriate model diagnostics and make expert determinations for data and model changes as necessary to improve the accuracy and precision of population estimates.
4. Detail all the input data and model changes made between the SEDAR 66 South Atlantic Tilefish Operational assessment model and the proposed SEDAR 89 Operational assessment model. Write a final report describing all necessary details of the stock assessment model, data, and important issues. Include required management reference points and other important population dynamic information relevant for managers. Include a list of unresolved issues and research recommendations for future consideration.
5. Convene a topical working group including SSC representatives, industry representatives, and outside experts to meet via webinar or in-person. This group of specialists will evaluate the following subjects and document specific changes in input data or deviations from the SEDAR 66 South Atlantic Tilefish.
  - a. Review and explore the potential utility and incorporation of new life history information, including:
    - i. Data collected from expanded SCDNR SBLL survey, new cooperative SADLS survey, and SCDNR CRP pilot study (abundance, life history, etc). Examine spatial differences.
    - ii. Evidence for hermaphroditism in the South Atlantic (specifically the interpretation and applicability of analyses conducted in Gulf of Mexico by Lombardi-Carlson (2012)).
    - iii. Evidence for age or size dependence of spawning frequency and spawning season duration.
    - iv. Genetic evidence of connectivity between northern and southern stocks (McDowell, VIMS).
    - v. Evidence for potential northward range shift.
6. Develop a stock assessment report to address these TORs and fully document the input data, methods, and results.





## SEDAR 89 South Atlantic Tilefish Operational Assessment Schedule of Events

TORS and Schedule Approved..... March 2023  
Workshop Appointments Final..... March 2023  
Deadline for Management History .....November 2023

Life History Topical Working Data Scoping Conference Callweek of November 13, 2023  
*Identify Data sources and providers, Review detailed data delivery timeline*  
Deadline for Age data (QA/QC'd in standard format) ..... January 12, 2024

Life History Topical Working Group Webinar I..... Week of January 22, 2024  
Deadline for Length (QA/QC'd in standard format) ..... January 26, 2024  
Deadline for compilation of Age Data..... February 9, 2024

Life History Topical Working Group Webinar II..... Week of February 12, 2024  
Deadline for final Landings data and MRIP catch estimates..... February 16, 2024  
Deadline for the compilation of Length data ..... February 23, 2024

Life History Topical Working Group Webinar III ..... Week of March 11, 2024  
Deadline for submission of final analytical products ..... April 5, 2024  
Working paper submission to SEDAR Staff ..... April 19, 2024

Life History Topical Working Group Webinar IV (if needed)..... week of April 22, 2024

Assessment Report to SEDAR staff: ..... July 26, 2024  
Complete Assessment Report Submitted to Council..... July 31, 2024

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 66  
Terminal year of prior assessment: 2018  
Terminal year for this assessment: 2022  
Lead Analyst and Agency: SEFSC , Matt Vincent  
Data Point of Contact: SEFSC, Kelly Adler - NOAA Federal <kelly.adler@noaa.gov>  
SEDAR Coordinator: Kathleen Howington (kathleen.howington@safmc.net)  
SEDAR Cooperator: SAFMC

