SEDAR ## Atlantic Blueline Tilefish
Operational Assessment
<mark>Draft</mark> Terms of Reference

1. Update the approved SEDAR 50 Atlantic Blueline Tilefish models with data through 2022 (provide any partial or preliminary 2023 data available at the time of data provision). Incorporate the latest ASPIC model for South of Cape Hatteras to the Gulf and South Atlantic Council boundary, and the latest DLM model for North of Cape Hatteras. Include any configurations and updates to data calculation methodologies and detail the changes made between the 2017 SEDAR 50 Atlantic Blueline Tilefish benchmark assessment models and the proposed SEDAR ## models.

2. Consider new and updated information on life history, 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. 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.

4. 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 subject and document specific changes in input data or deviations from the SEDAR 50 model. Include the Mid-Atlantic Council in the topical working group process.

   - Review and recommend catch and landing streams.

5. Explore using appropriate CVs for the landings data to capture the uncertainty in the model results as an alternate run or a base run.

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