## 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.

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) Fmsy
   - To determine ABC: (1)P*=40%; (2) 75%Fmsy

6. Review, evaluate, and report on the status and progress of all research recommendations listed in the last assessment, peer review reports, and SSC report concerning this stock.

7. 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.