

Dear Olaf,

Thank you sincerely for submitting 21 assessments to the Myers II database. Your assessments have been entered and we now wish to quality assure/quality control (QA/QC) these data for a release version of the database. Please follow the following steps to ensure that your assessments have been dutifully represented.

### **QA/QC steps**

For each assessment:

1. Ensure that the General assessment details are correct
2. Ensure that the units for all Biometrics and Time Series shown are correct. To aid this, we have included the minimum, maximum, first year, and last year of: the spawning stock biomass, recruitment, fishing mortality, total biomass, and catch (where provided).
3. If there are blank values in the biometrics table, please include these in your response (see below), where they are available. Please note that in the Biometrics table, the following abbreviations are used:
  - SSB-AGE-yr = Ages for which the spawning stock biomass is defined
  - REC-AGE = Age at recruitment
  - F-AGE-yr = Ages for which the fishing mortality is defined
  - TB-AGE-yr = Ages for which the total biomass is defined
  - M = Natural mortality
  - A50-yr = The age at 50% maturity
  - L50-cm = The length at 50% maturity
  - MORATOR-yr-yr = Moratorium years
  - LME = Large Marine Ecosystem
4. To ensure that the recruitment time series has been offset by the age at recruitment so that yearclass matches up with spawner biomass, please make sure that the difference between the last year of the recruitment and last year of the ssb time series is equal to the age at recruitment supplied (unless there is another reason e.g. estimates unavailable).
5. Provide Large Marine Ecosystem (LME) designation(s) for your stock (unless it is a high seas stock). Please enter a primary, secondary and tertiary LME (if they exist) in the issue you submit (see below). A map of the LMEs is provided overleaf.

### **QA/QC submission process**

If you (or someone else) submitted the assessments via the RAM legacy site, please log into :

<http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting>

and locate the issue(s) associated with your spreadsheet submission(s). Once you locate your assessment, open the associated issue and choose the 'Add response' button on the page. At the top of this response write:

*QAQC: Assessment ID* (this ID is located at the top of each assessment in the current document)

If you did not submit via the RAM Legacy site, please go to the url above and click "Submit a new issue" with the title: *QAQC: Assessment ID* (located at the top of each assessment in this pdf)

If you found no issues in the QA/QC document, please type:

"QA/QC correct" If you have found issues, please update the assessment spreadsheet accordingly or write the details of corrections to be made in the dialogue box. Once we have received and processed your response, the assessment will be flagged as quality controlled and the data it contains will be used for analyses.



**MAP KEY:**

- Large Marine Ecosystems  
Watershed Bounds  
Political Borders



**For More Information Visit: [www.edc.uri.edu/lme](http://www.edc.uri.edu/lme)**