

Dear Sean,

Thank you sincerely for submitting assessments to the Myers II database. We have entered 1 of your assessments, and now wish to quality assure/quality control (QA/QC) these data for a release version of the database. Please follow the steps below 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 in 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 on the last page of this document.

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 "Add response". 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 with 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.

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Assessment of Southern Gulf of St. Lawrence snow crab (*Chionoecetes opilio*)

Assessment ID:DFO-SG-SNOWCRABSGSL-1984-2007-ANDERSON
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/327>

Area ID: Canada-DFO-4T

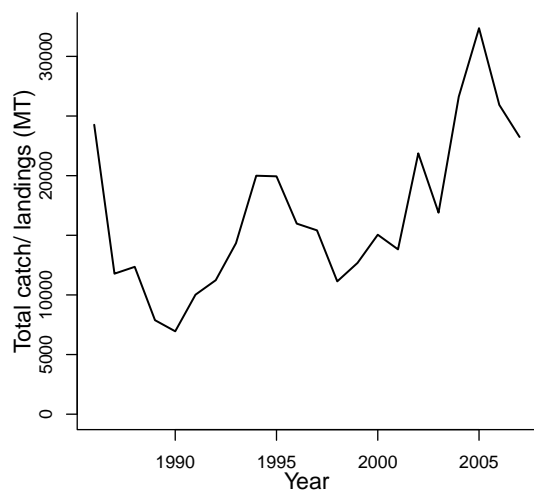
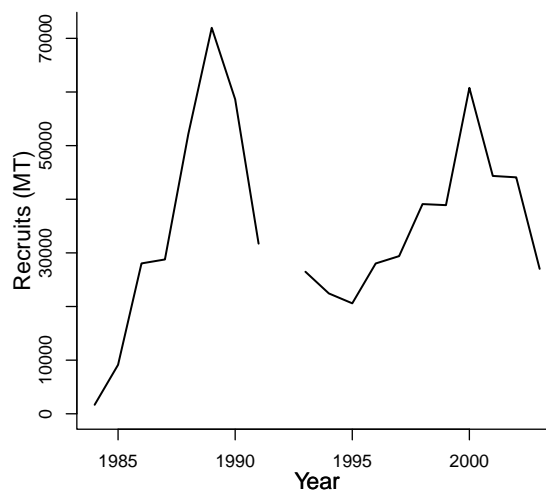
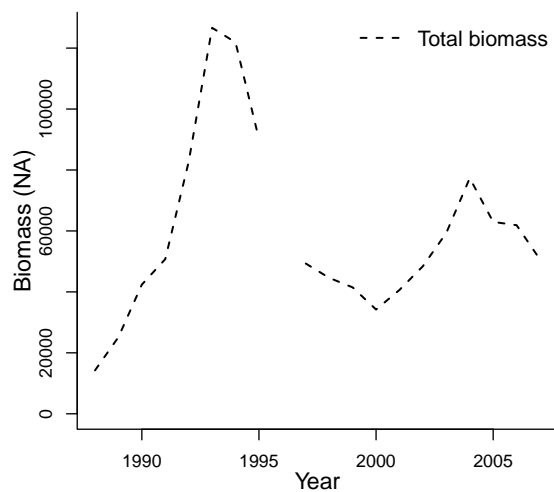
General assessment details.

Detail	Value
Management body	DFO
Assessment group	Department of Fisheries and Oceans - Southern Gulf Region
Assessment authors	Hbert, M
Assessment method	Temporal indices derived from scientific survey data
Publication year	2008
Timeseries span	1984-2007
Document	./ (pdf not in database)
Recorder	ANDERSON
Date entered	2009-05-06
Date last loaded	2009-12-03
QA/QC complete	NO
Date approved	

Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

	primary LME	secondary LME	tertiary LME
	8 - Scotian Shelf	na	na
Parameter	Value	Units	
TB-AGE-yr	4+	yr	
M-1/T	0.28-0.48	1/T	
REC-AGE			Reference points
SSB-AGE-yr			Parameter Value Units
F-AGE-yr			
M			
A50-yr			
L50-cm			

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year		1984		1988	1986
Maximum year		2003		2007	2007
Time series minimum		1676		14244	6950
Time series maximum		71969		126660	32363
Units		MT		MT	MT



No SSB-recruit
data available

Large Marine Ecosystems of the World and Linked Watersheds

MAP KEY:

LME Numbers:

- 1 East African Shelf
- 2 Gulf of Mexico
- 3 Caribbean Current
- 4 North Atlantic
- 5 Gulf of Mexico
- 6 Northwest U.S. Continental Shelf
- 7 Northeast U.S. Continental Shelf
- 8 Labrador Current
- 9 Newfoundland Labrador Shelf
- 10 Arctic Ocean
- 11 Pacific Central American Shelf
- 12 Pacific Central American Shelf
- 13 Hawaiian Islands
- 14 Hawaiian Islands
- 15 Pacific Central American Shelf
- 16 East African Shelf
- 17 West African Shelf
- 18 West African Shelf
- 19 Benguela Current
- 20 Benguela Current
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- Large Marine Ecosystems
- Watershed Boundaries
- Political Boundaries

