

# Assessment of Southern Gulf of St. Lawrence herring (*Clupea harengus*)

Assessment ID:DFO-SG-HERR4TFA-1974-2007-PREFONTAINE

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/169>

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 | LeBlanc, C.H.   |
| Assessment method  | Sequential Population Analysis / ADAPT                    |
| Publication year   | 2007  |
| Timeseries span    | 1974-2007   |
| Document           | NAFO-HERR4TFA-2007.pdf (pdf not in database)              |
| Recorder           | PREFONTAINE   |
| Date entered       | 2008-06-05  |
| Date last loaded   | 2010-07-14  |
| QA/QC complete     | YES   |
| Date approved      | 2010-07-14  |

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

|             |               |                | Parameter        | Value | Units |
|-------------|---------------|----------------|------------------|-------|-------|
| primary LME | secondary LME | tertiary LME   | SSB-AGE-yr       | 4+    | yr    |
|             |               |                | REC-AGE-yr       | 4     | yr    |
|             |               |                | F-AGE-yr-yr      | 5-10  | yr-yr |
|             |               |                | TB-AGE-yr        | 4+    | yr    |
|             |               |                | M-1/T            | 0.2   | 1/T   |
|             |               |                | SSB-SEX-sex      |       |       |
|             |               |                | M                |       |       |
|             |               |                | A50-yr           |       |       |
|             |               |                | L50-cm           |       |       |
|             |               |                | Reference points |       |       |
|             |               | Parameter      | Value            | Units |       |
|             |               | Busr-MT        | 172000           | MT    |       |
|             |               | Blrp-MT        | 51000            | MT    |       |
|             |               | SSBrecovery-MT | 37000            | MT    |       |

| Time series minima and maxima |           |        |       |        |        |
|-------------------------------|-----------|--------|-------|--------|--------|
|                               | SSB       | R      | F     | TB     | Catch  |
| Minimum year                  | 1978      | 1974   | 1978  | 1978   | 1978   |
| Maximum year                  | 2007      | 2003   | 2006  | 2007   | 2006   |
| Time series minimum           | 38470.25  | 71101  | 0.107 | 38470  | 64654  |
| Time series maximum           | 416422.04 | 896001 | 0.696 | 416422 | 264254 |
| Units                         | MT        | E03    | 1/T   | MT     | E03    |

