

# Assessment of Barents Sea capelin (*Mallotus villosus*)

Assessment ID: AFWG-CAPENOR-1965-2007-MINTO

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/362>

Area ID: multinational-ICES-I

General assessment details.

| Detail             | Value   |
|--------------------|---|
| Management body    | ICES  |
| Assessment group   | Arctic Fisheries Working Group                |
| Assessment authors | Anon  |
| Assessment method  | Spreadsheet assessment model used for Capelin |
| Publication year   | 2007  |
| Timeseries span    | 1965-2007                                     |
| Document           | ICES-AFWG-2007.pdf (pdf in database)          |
| Recorder           | MINTO   |
| Date entered       | 2008-04-08                                    |
| Date last loaded   | 2010-03-15                                    |
| QA/QC complete     | YES   |
| Date approved      | 2009-06-08                                    |

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

|             | primary LME      |       | secondary LME          |           | tertiary LME |    |
|-------------|------------------|-------|------------------------|-----------|--------------|----|
|             | 20 - Barents Sea | na    | na                     | na        | na           | na |
| Parameter   | Value            | Units | Reference points       |           |              |    |
| SSB-AGE-yr  | 2+               | yr    | Parameter              | Value     | Units        |    |
| REC-AGE-yr  | 1                | yr    | SSBlim-MT (SSB)        | 200000    | MT           |    |
| TB-AGE-yr   | 1+               | yr    | MORATOR-yr-yr          | 1986-1991 | yr-yr        |    |
| M-1/T       | AVAILABLE        | 1/T   | MORATOR-yr-yr          | 1993-1999 | yr-yr        |    |
| SSB-SEX-sex |                  |       | MORATOR-yr-yr          | 2004-2006 | yr-yr        |    |
| F-AGE-yr    |                  |       | $SSB_{2007}/SSB_{lim}$ | 0.945     |              |    |
| M           |                  |       |                        |           |              |    |
| A50-yr      |                  |       |                        |           |              |    |
| L50-cm      |                  |       |                        |           |              |    |

| Time series minima and maxima |        |            |   |         |         |
|-------------------------------|--------|------------|---|---------|---------|
|                               | SSB    | R          | F | TB      | Catch   |
| Minimum year                  | 1973   | 1972       |   | 1972    | 1965    |
| Maximum year                  | 2007   | 2005       |   | 2006    | 2006    |
| Time series minimum           | 22000  | 3000000    |   | 107000  | 0       |
| Time series maximum           | 643000 | 1140000000 |   | 8841000 | 2987000 |
| Units                         | MT     | E03        |   | MT      | MT      |

