

Assessment of Southern Argentina anchovy (*Engraulis anchoita*)

Assessment ID:INIDEP-ARGANCHOSARG-1992-2007-Parma

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/121>

Area ID: Argentina-CFP-ARG-S

General assessment details.

| Detail | Value |
|--------------------|---|
| Management body | CFP |
| Assessment group | Instituto Nacional de Investigacion y Desarrollo Pesquero |
| Assessment authors | Hansen, Jorge |
| Assessment method | Age-structured surplus production model |
| Publication year | 2008 |
| Timeseries span | 1992-2007 |
| Document | Hansen-ANCHOVY-S-2007.pdf (pdf in database) |
| Recorder | Parma |
| Date entered | 2008-12-20 |
| Date last loaded | 2011-06-14 |
| QA/QC complete | YES |
| Date approved | 2009-04-23 |

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

| primary LME | | | secondary LME | tertiary LME | |
|-----------------------|-------|-------|------------------------|--------------|---------|
| 14 - Patagonian Shelf | | | na | na | |
| | | | Reference points | | |
| | | | Parameter | Value | Units |
| Parameter | Value | Units | Fmax-1/yr (F) | 1.89330 | 1/yr |
| | | | Fmsy-1/yr (F) | 0.1700 | 1/yr |
| SSB-AGE-yr | 1.7 | yr | Fpa-1/yr (F) | 0.17 | 1/yr |
| SSB-SEX-sex | 0 | sex | Fcurrent-1/T (F) | 0.006 | 1/T |
| REC-AGE-yr | 1 | yr | NATMORT-1/yr (M) | 1.05 | 1/yr |
| F-AGE-yr-yr | 1-6 | yr-yr | F40%-1/T | 0.2052 | 1/T |
| TB-AGE-yr | 1+ | yr | SSBmsy-MT (SSB) | 298839 | MT |
| A50-yr | 1 | yr | MSY-MT (TB) | 289825.38 | MT |
| L50-cm | 13.2 | cm | BH-h-dimless | 0.73 | dimless |
| M-1/yr | 1.05 | 1/yr | Blim-MT (TB) | 350000 | MT |
| NATMORT-1/yr | 1.05 | 1/yr | Bmsy-MT (TB) | 733418.85 | MT |
| M | | | Bpa-MT (TB) | 1260000 | MT |
| | | | TB_{2007}/B_{msy} | 2.279 | |
| | | | F_{2007}/F_{msy} | 0.035 | |
| | | | SSB_{2007}/SSB_{msy} | 3.135 | |

| Time series minima and maxima | | | | | |
|-------------------------------|------------|-----------|-------|------------|---------|
| | SSB | R | F | TB | Catch |
| Minimum year | 1993 | 1992 | 1993 | 1993 | 1993 |
| Maximum year | 2007 | 2006 | 2007 | 2007 | 2007 |
| Time series minimum | 349381.69 | 65263840 | 0.001 | 765224.53 | 662.86 |
| Time series maximum | 1206672.22 | 495050030 | 0.022 | 2178898.56 | 6517.37 |
| Units | MT | E03 | 1/yr | MT | MT |

