

Assessment of IIIa-IV-VI-VII-VIIIabd hake (*Merluccius merluccius*)

Assessment ID: WGHMM-HAKENRTN-1977-2007-JENNINGS

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/33>

Area ID: multinational-ICES-IIIa-IV-VI-VII-VIIIabd

General assessment details.

| Detail | Value |
|--------------------|---|
| Management body | ICES |
| Assessment group | Working Group on the Assessment of Southern Shelf Stocks of Hake, Monk and Megrin |
| Assessment authors | Anonymous |
| Assessment method | Extended Survivor Analysis |
| Publication year | 2007 |
| Timeseries span | 1977-2007 |
| Document | ICES-WGHMM-2007.pdf (pdf in database) |
| Recorder | JENNINGS |
| Date entered | 2008-11-20 |
| Date last loaded | 2010-07-18 |
| QA/QC complete | YES |
| Date approved | 2009-05-28 |

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

| primary LME | | | secondary LME | tertiary LME | |
|--------------------------|-----------|-------|------------------------|--------------|-------|
| 24 - Celtic-Biscay Shelf | | | 22 - North Sea | na | |
| Parameter | Value | Units | Reference points | | |
| | | | Parameter | Value | Units |
| SSB-AGE-yr | AVAILABLE | yr | Flim-1/T (F) | 0.35 | 1/T |
| REC-AGE-yr | 0 | yr | Fpa-1/T (F) | 0.25 | 1/T |
| F-AGE-yr-yr | 2 to 6 | yr-yr | SSBlim-MT (SSB) | 100000 | MT |
| TB-AGE-yr | 0+ | yr | SSBpa-MT (SSB) | 140000 | MT |
| A50-yr | AVAILABLE | yr | SSB_{2007}/SSB_{lim} | 1.509 | |
| M-1/T | 0.2 | 1/T | F_{2006}/F_{lim} | 0.609 | |
| SSB-SEX-sex | | | | | |
| M | | | | | |
| L50-cm | | | | | |

Time series minima and maxima

| | SSB | R | F | TB | Catch |
|---------------------|--------|--------|-------|--------|-------|
| Minimum year | 1979 | 1977 | 1979 | 1979 | 1979 |
| Maximum year | 2007 | 2005 | 2006 | 2006 | 2006 |
| Time series minimum | 94800 | 144000 | 0.163 | 154969 | 35010 |
| Time series maximum | 309700 | 297000 | 0.425 | 389774 | 66472 |
| Units | MT | E03 | 1/T | MT | MT |

