

Assessment of Pacific Coast english sole (*Parophrys vetulus*)

Assessment ID:NWFSC-ESOLEPCOAST-1876-2007-BRANCH
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/21>

Area ID: USA-NMFS-PCOAST

General assessment details.

| Detail | Value |
|--------------------|--|
| Management body | NMFS |
| Assessment group | Northwest Fisheries Science Center |
| Assessment authors | Stewart, Ian J. |
| Assessment method | Stock Synthesis v2.0 model |
| Publication year | 2007 |
| Timeseries span | 1876-2007 |
| Document | NWFSC-ESOLEPCOAST-2007-EnglishSole.pdf (pdf in database) |
| Recorder | BRANCH |
| Date entered | 2008-11-18 |
| Date last loaded | 2011-06-14 |
| QA/QC complete | YES |
| Date approved | 2010-03-16 |

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

| primary LME | | | secondary LME | tertiary LME | |
|------------------------|-------|-------|------------------------|--------------|---------|
| 3 - California Current | | | na | na | |
| | | | Reference points | | |
| Parameter | Value | Units | Parameter | Value | Units |
| | | | SSBlim-MT (SSB) | 7364 | MT |
| | | | SSBmsy-MT (SSB) | 6526 | MT |
| | | | Fmsy-1/yr (F) | 0.27 | 1/yr |
| SSB-AGE-yr | 3+ | yr | SSB0-MT (SSB) | 36012 | MT |
| SSB-SEX-sex | 1 | sex | R0-E03 (R) | 124990 | E03 |
| REC-AGE-yr | 0 | yr | SSBtarget-MT (SSB) | 14405 | MT |
| F-AGE-yr-yr | 1+ | yr-yr | SSBmin-ratio (SSB) | 0.25 | ratio |
| L50-cm | 23.3 | cm | Ftarget-1/yr (F) | 0.13 | 1/yr |
| TB-AGE-yr | 7.7+ | yr | SPRtarget-ratio (SPR) | 0.49 | ratio |
| A50-yr | 7.7+ | yr | MSY-MT (TB) | 4252 | MT |
| M | | | BH-h-dimless | 0.798 | dimless |
| | | | SSB_{2007}/SSB_{lim} | 5.691 | |
| | | | F_{2006}/F_{msy} | 0.074 | |
| | | | SSB_{2007}/SSB_{msy} | 6.422 | |

| Time series minima and maxima | | | | | |
|-------------------------------|-------|--------|------|-------|-------|
| | SSB | R | F | TB | Catch |
| Minimum year | 1876 | 1876 | 1876 | 1876 | 1876 |
| Maximum year | 2007 | 2007 | 2006 | 2007 | 2006 |
| Time series minimum | 7364 | 47349 | 0 | 21903 | 1 |
| Time series maximum | 42193 | 403289 | 0.22 | 72795 | 6030 |
| Units | MT | E03 | 1/T | MT | MT |

