

Assessment of Bering Sea and Aleutian Islands alaska plaice (*Pleuronectes quadrituberculatus*)

Assessment ID:AFSC-ALPLAICBSAI-1972-2008-MELNYCHUK
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/269>

Area ID: USA-NMFS-BSAI

General assessment details.

| Detail | Value |
|--------------------|--|
| Management body | NMFS |
| Assessment group | Alaska Fisheries Science Center |
| Assessment authors | Wilderbuer WT |
| Assessment method | an AD-Model builder statistical Catch at Age Model |
| Publication year | 2008 |
| Timeseries span | 1972-2008 |
| Document | AFSC-ALPLAICBSAI-2008-Alaska plaice BSAI.pdf (pdf in database) |
| Recorder | MELNYCHUK |
| Date entered | 2009-04-14 |
| Date last loaded | 2010-05-10 |
| QA/QC complete | YES |
| Date approved | 2010-05-10 |

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

| primary LME | | | secondary LME | tertiary LME | |
|---------------------|-------|-------|------------------------|--------------|-------|
| 1 - East Bering Sea | | | na | na | |
| Parameter | Value | Units | Reference points | | |
| | | | Parameter | Value | Units |
| SSB-SEX-sex | 1 | sex | Fmsy-1/yr (F) | 0.62 | 1/yr |
| REC-AGE-yr | 3 | yr | NATMORT-1/yr (M) | 0.25 | 1/yr |
| F-AGE-yr-yr | 3+ | yr-yr | F40%-1/T | 0.86 | 1/T |
| TB-AGE-yr | 3+ | yr | SSBmsy-MT (SSB) | 129300 | MT |
| M-1/yr | 0.25 | 1/yr | SSBF40%-MT | 147850 | MT |
| NATMORT-1/yr | 0.25 | 1/yr | F_{2008}/F_{msy} | 0.069 | |
| SSB-AGE-yr | | | SSB_{2008}/SSB_{msy} | 2.461 | |
| M | | | | | |
| A50-yr | | | | | |
| L50-cm | | | | | |

| Time series minima and maxima | | | | | |
|-------------------------------|--------|---------|-------|---------|-------|
| | SSB | R | F | TB | Catch |
| Minimum year | 1975 | 1972 | 1975 | 1975 | 1975 |
| Maximum year | 2008 | 2005 | 2008 | 2008 | 2007 |
| Time series minimum | 172125 | 397000 | 0.01 | 1021130 | 2492 |
| Time series maximum | 476423 | 4080000 | 0.096 | 1729330 | 61638 |
| Units | MT | E03 | 1/yr | MT | MT |

