

Assessment of Bering Sea and Aleutian Islands atka mackerel (*Pleurogrammus monopterygius*)

Assessment ID: AFSC-ATKABSAI-1976-2009-STANTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/240>

Area ID: USA-NMFS-BSAI

General assessment details.

| Detail | Value |
|--------------------|--|
| Management body | NMFS |
| Assessment group | Alaska Fisheries Science Center |
| Assessment authors | Lowe, S |
| Assessment method | an AD-Model builder statistical Catch at Age Model |
| Publication year | 2009 |
| Timeseries span | 1976-2009 |
| Document | 2008.SAFE.BSAIatka.pdf (pdf not in database) |
| Recorder | STANTON |
| Date entered | 2009-04-08 |
| Date last loaded | 2010-02-10 |
| QA/QC complete | YES |
| Date approved | 2010-02-10 |

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-AGE-yr | 3+ | yr | | | |
| SSB-SEX-sex | 1 | sex | | | |
| REC-AGE-yr | 1 | yr | Fref-1/T (F) | 0.394 | 1/T |
| F-AGE-yr-yr | 1+ | yr-yr | NATMORT-1/yr (M) | 0.3 | 1/yr |
| TB-AGE-yr | 3+ | yr | F40%-1/T | 0.394 | 1/T |
| A50-yr | 3.6 | yr | SSBmsy-MT (SSB) | 85500.00 | MT |
| M-1/yr | 0.3 | 1/yr | BH-h-dimless | 0.8 | dimless |
| NATMORT-1/yr | 0.3 | 1/yr | Bpa-MT (TB) | 97800.00 | MT |
| M | | | SSB_{2009}/SSB_{msy} | 1.548 | |
| L50-cm | | | | | |

Time series minima and maxima

| | SSB | R | F | TB | Catch |
|---------------------|--------|---------|-------|--------|--------|
| Minimum year | 1977 | 1976 | 1977 | 1977 | 1977 |
| Maximum year | 2009 | 2006 | 2008 | 2009 | 2008 |
| Time series minimum | 75681 | 139000 | 0.046 | 194180 | 11726 |
| Time series maximum | 196040 | 1332000 | 0.478 | 721683 | 103942 |
| Units | MT | E03 | 1/yr | MT | MT |

