

# Assessment of Bristol Bay red king crab (*Paralithodes camtschaticus*)

Assessment ID:AFSC-RKCRABBB-1960-2008-JENSEN

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/258>

Area ID: USA-NMFS-BB

General assessment details.

| Detail             | Value                              |
|--------------------|------------------------------------|
| Management body    | NMFS                               |
| Assessment group   | Alaska Fisheries Science Center    |
| Assessment authors | Anonymous                          |
| Assessment method  | Length-based analysis              |
| Publication year   | 2008                               |
| Timeseries span    | 1960-2008                          |
| Document           | CRABSAFE2008.pdf (pdf in database) |
| Recorder           | JENSEN                             |
| Date entered       | 2009-04-13                         |
| Date last loaded   | 2011-06-14                         |
| QA/QC complete     | YES                                |
| Date approved      | 2009-06-12                         |

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 |                     |               |              |
| REC-AGE     |       |       |                     |               |              |
| SSB-AGE-yr  |       |       |                     |               |              |
| SSB-SEX-sex |       |       |                     |               |              |
| TB-AGE-yr   |       |       |                     |               |              |
| F-AGE-yr    |       |       |                     |               |              |
| M           |       |       |                     |               |              |
| A50-yr      |       |       |                     |               |              |
| L50-cm      |       |       |                     |               |              |

  

| Reference points       |       |       |  |
|------------------------|-------|-------|--|
| Parameter              | Value | Units |  |
| Umsy-ratio (U)         | 0.33  | ratio |  |
| SSBmsy-MT (SSB)        | 34070 | MT    |  |
| $SSB_{2008}/SSB_{msy}$ | 1.273 |       |  |

| Time series minima and maxima |          |   |        |           |          |
|-------------------------------|----------|---|--------|-----------|----------|
|                               | SSB      | R | F      | TB        | Catch    |
| Minimum year                  | 1985     |   | 1985   | 1985      | 1960     |
| Maximum year                  | 2008     |   | 2007   | 2008      | 2007     |
| Time series minimum           | 13182.29 |   | 0      | 33675.58  | 124.28   |
| Time series maximum           | 43356.14 |   | 0.5921 | 103900.69 | 59911.79 |
| Units                         | MT       |   | ratio  | MT        | MT       |

