

# Assessment of South Africa Areas 3-4 south african west coast rock lobster (*Jasus lalandii*)

Assessment ID: MARAM-CRLOBSTERSA34-1910-2008-Johnston  
 Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/136>

Area ID: South Africa-DETMCM-3-4

## General assessment details.

| Detail             | Value   |
|--------------------|---|
| Management body    | DETMCM  |
| Assessment group   | Marine Resource Assessment and Management Group, Department of Mathematics and Applied Mathematics, University of Cape Town, Rondebosch, 7701, South Africa |
| Assessment authors | Johnston, S.J.  |
| Assessment method  | Statistical catch-at-age model  |
| Publication year   | 2007  |
| Timeseries span    | 1910-2008   |
| Document           | Johnston-SAWestRockLobster-2007.pdf (pdf in database)   |
| Recorder           | Johnston  |
| Date entered       | 2009-02-12  |
| Date last loaded   | 2010-07-16  |
| QA/QC complete     | NO  |
| Date approved      |   |

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

| primary LME           |       |       | secondary LME    | tertiary LME |       |
|-----------------------|-------|-------|------------------|--------------|-------|
| 29 - Benguela Current |       |       | na               | na           |       |
| Parameter             | Value | Units |                  |              |       |
| SSB-SEX-sex           | 1     | sex   |                  |              |       |
| REC-AGE-yr            | 0     | yr    | Reference points |              |       |
| L50-cm                | 6.5   | cm    | Parameter        | Value        | Units |
| M-1/yr                | 0.1   | 1/yr  | Blim-MT (TB)     | 2048         | MT    |
| SSB-AGE-yr            |       |       | SSB0-MT (SSB)    | 46342        | MT    |
| TB-AGE-yr             |       |       | R0-E00           | 240492130    | E00   |
| F-AGE-yr              |       |       |                  |              |       |
| M                     |       |       |                  |              |       |
| A50-yr                |       |       |                  |              |       |

| Time series minima and maxima |          |           |       |           |         |
|-------------------------------|----------|-----------|-------|-----------|---------|
|                               | SSB      | R         | F     | TB        | Catch   |
| Minimum year                  | 1910     | 1910      | 1910  | 1910      | 1910    |
| Maximum year                  | 2008     | 2008      | 2007  | 2008      | 2007    |
| Time series minimum           | 2047.91  | 6554.977  | 0.003 | 3589.86   | 57.53   |
| Time series maximum           | 46342.25 | 240492.13 | 0.163 | 151997.41 | 3587.07 |
| Units                         | MT       | E03       | 1/yr  | MT        | MT      |

