

# Assessment of South Africa Areas 1-2 south african west coast rock lobster (*Jasus lalandii*)

Assessment ID: MARAM-CRLOBSTERSA12-1910-2008-Johnston  
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/135>

Area ID: South Africa-DETMCM-1-2

## 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 | Reference points |              |
| SSB-SEX-sex           | 1     | sex   |                  |              |
| REC-AGE-yr            | 0     | yr    |                  |              |
| L50-cm                | 6.5   | cm    |                  |              |
| M-1/yr                | 0.1   | 1/yr  |                  |              |
| SSB-AGE-yr            |       |       | Blim-MT (TB)     | 326 MT       |
| TB-AGE-yr             |       |       | SSB0-MT (SSB)    | 12407 MT     |
| F-AGE-yr              |       |       | R0-E00           | 32386294 E00 |
| 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           | 326.94   | 289.43869 | 0.007 | 593.17    | 11     |
| Time series maximum           | 44795.87 | 172388.67 | 0.148 | 118382.77 | 3023.5 |
| Units                         | MT       | E03       | 1/yr  | MT        | MT     |

