Assessment of South Africa deep-water cape hake (*Merluccius paradoxus*) Assessment ID:MARAM-DEEPCHAKESA-1917-2008-DEDECKER

Assessment ID:MARAM-DEEPCHAKESA-1917-2008-DEDECKER Issue URL: http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/196

Area ID: South Africa-DETMCM-SA

General assessment details.

| Detail | Value | | | | | |
|--------------------|---|--|--|--|--|--|
| Management body | DETMCM | | | | | |
| Assessment group | Marine Resource Assessment and Management Group, Department of Mathe- | | | | | |
| | matics and Applied Mathematics, Uni- | | | | | |
| | versity of Cape Town, Rondebosch, 7701, | | | | | |
| | South Africa | | | | | |
| Assessment authors | Rademeyer, R.A. | | | | | |
| Assessment method | Age-structured surplus production | | | | | |
| | model | | | | | |
| Publication year | 2008 | | | | | |
| Timeseries span | 1917-2008 | | | | | |
| Document | SA-Mparadoxus-2008-IWS-DEC08-H- | | | | | |
| | 5.pdf (pdf in database) | | | | | |
| Recorder | DEDECKER | | | | | |
| Date entered | 2009-02-13 | | | | | |
| Date last loaded | 2011-06-14 | | | | | |
| QA/QC complete | YES | | | | | |
| Date approved | 2011-06-10 | | | | | |

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 | 30 - Agulhas Current | na |

| Parameter | Value | Units | | | |
|--|---|--|--|---|----------------------------------|
| SSB-AGE-yr SSB-SEX-sex | 3+ 0 | yr sex | Reference Parameter | ce points Value | Units |
| REC-AGE-yr F-AGE-yr-yr TB-AGE-yr A50-yr M-1/T M-1/yr M | 0 0-5+ 3 3 AVAILABLE AVAILABLE | yr yr-yr yr yr 1/T 1/yr | SSBmsy-MT (SSB) SSB0-MT (SSB) R0-E09 (R) MSY-MT (TB) BH-h-dimless SSB_{2008}/SSB_{msy} | 321000 1821000 0.756 113500 0.95 0.826 | MT MT E09 MT dimless |

| Time series minima and maxima | | | | | | | |
|-------------------------------|-----------|--------|---|-----------|--------|--|--|
| | SSB | R | F | TB | Catch | | |
| Minimum year | 1917 | 1917 | | 1917 | 1917 | | |
| Maximum year | 2008 | 2008 | | 2008 | 2008 | | |
| Time series minimum | 153751.4 | 490000 | | 153751.4 | 0 | | |
| Time series maximum | 1820629.2 | 860000 | | 1820629.2 | 203658 | | |
| Units | MT | E03 | | MT | MT | | |

