

# Assessment of South Africa shallow-water cape hake (*Merluccius capensis*)

Assessment ID:MARAM-CHAKESA-1917-2008-DEDECKER

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/195>

Area ID: South Africa-DETMCM-SA

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	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
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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	Reference points					
			Parameter	Value	Units			
SSB-AGE-yr	3+	yr	SSB <sub>msy</sub> -MT (SSB)	218000	MT			
SSB-SEX-sex	0	sex	SSB <sub>0</sub> -MT (SSB)	871000	MT			
REC-AGE-yr	0	yr	R <sub>0</sub> -E <sub>09</sub> (R )	0.548	E <sub>09</sub>			
F-AGE-yr-yr	0-7+	yr-yr	MSY-MT (TB)	86000	MT			
TB-AGE-yr	3	yr	BH-h-dimless	0.95	dimless			
A50-yr	3	yr	$SSB_{2008}/SSB_{msy}$	2.296				
M-1/yr	0.4	1/yr						
M								
L50-cm								

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	429458.4	274000		429458.4	0
Time series maximum	871443.8	807000		871443.8	94359
Units	MT	E03		MT	MT

