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

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## 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			

