Assessment of South Africa sardine (*Sardinops sagax*)

Assessment ID:MARAM-SARDSA-1984-2006-deMoor

Issue URL: http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/127

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	Cunningham, C.L.
Assessment method	Statistical catch-at-age model
Publication year	2007
Timeseries span	1984-2006
Document	deMoorSASardineAssessment-Sep07.pdf (pdf not in database)
Recorder	deMoor
Date entered	2009-01-16
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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
SSB-AGE-yr	2-5+	yr
SSB-SEX-sex	0	sex
REC-AGE-yr	0	yr
F-AGE-yr-yr		yr-yr
TB-AGE-yr	1+	yr
A50-yr	2	yr
M-1/yr	0.8	1/yr
M		
L50-cm		

Reference points		
Parameter	Value	Units
Blim-MT (TB)	56500	MT
SSB0-MT (SSB)	3446300	MT
SSBtarget-MT (SSB)	594700	MT
SSBexceptional-MT (SSB)	300000	MT

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1984	1984	1985	1984	1984
Maximum year	2006	2005	2006	2006	2006
Time series minimum	56511.907	4696000	0.06	118365.989	27154
Time series maximum	3537069.855	282029000	0.26	5458516.579	373811
Units	MT	E03	1/yr	MT	MT