

# Assessment of South Africa Subantarctic Prince Edward Islands patagonian toothfish (*Dissostichus eleginoides*)

Assessment ID: MARAM-PTOOTHFISHPEI-1960-2008-DEDECKER  
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/199>

Area ID: South Africa-DETMCM-PEI

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	Brandao, A
Assessment method	Age-structured surplus production model
Publication year	2007
Timeseries span	1960-2008
Document	Branch-SA-Toothfish-2007.pdf (pdf in database)
Recorder	DEDECKER
Date entered	2009-03-05
Date last loaded	2011-07-25
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	
-96 - Subantarctic High Seas			na	na	
Parameter	Value	Units	Reference points		
SSB-AGE-yr	13+	yr	Parameter	Value	Units
SSB-SEX-sex	1	sex	SSB <sub>msy</sub> -MT (SSB)	5678	MT
REC-AGE-yr	0	yr	SSB <sub>0</sub> -MT (SSB)	28111	MT
TB-AGE-yr	6+	yr	MSY-MT (TB)	2366	MT
A50-yr	13	yr	BH-h-dimless	0.75	dimless
M-1/yr	0.13	1/yr	$SSB_{2008}/SSB_{msy}$	1.812	
F-AGE-yr					
M					
L50-cm					

Assessment of South Africa Subantarctic Prince Edward Islands patagonian toothfish  
(*Dissostichus eleginoides*)

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1960	1960	1960	1960	1960
Maximum year	2008	2007	2007	2008	2007
Time series minimum	10288.9	123205000	0	13993.9	0
Time series maximum	33635.4	3975250000	0.524	46337.7	24271.2
Units	MT	E03	1/yr	MT	MT

