

# Assessment of Macquarie Island patagonian toothfish (*Dissostichus eleginoides*)

Assessment ID:CSIRO-PTOOTHFISHMI-1975-2010-FAY

Issue URL: <http://www.marinemarinebiodiversity.ca/ramlegacy/ramlegacy-bug-reporting/472>

Area ID: Australia-AFMA-MI

General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Fay, G.
Assessment method	Stock Synthesis v3.0 model
Publication year	2010
Timeseries span	1975-2010
Document	FAY_PTOOTHFISHMACCA.2010.pdf (pdf in database)
Recorder	FAY
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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		
Parameter	Value	Units	Parameter	Value	Units
SSB-AGE-yr	14	yr	Fmsy-1/yr (F)	0.0580997	1/yr
SSB-SEX-sex	1	sex	Fref-1/yr	0.0258653	1/yr
REC-AGE-yr	0	yr	Fcurrent-1/yr	0.0112664	1/yr
TB-AGE-yr	1+	yr	NATMORT-1/yr (M)	0.13	1/yr
L50-cm	89	cm	SSBmsy-MT (SSB)	869.707	MT
M-1/yr	0.13	1/yr	MSY-MT (TB)	184.369	MT
NATMORT-1/yr	0.13	1/yr	BH-h-dimless	0.75	dimless
F-AGE-yr			$F_{2009}/F_{msy}$	0.194	
M			$SSB_{2010}/SSB_{msy}$	2.305	
A50-yr					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1975	1975	1975	1975	1975
Maximum year	2010	2010	2009	2010	2009
Time series minimum	1964.96	204.02	0	5994.16	0
Time series maximum	3708.59	1230.06	0.115663	9727.9	926.048767
Units	MT	E03	1/yr	MT	MT

