

Assessment of Southern Argentina patagonian grenadier (*Macruronus magellanicus*)

Assessment ID:INIDEP-PATGRENADIERSARG-1983-2006-Parma
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Area ID: Argentina-CFP-ARG-S

General assessment details.

Detail	Value
Management body	CFP
Assessment group	Instituto Nacional de Investigacion y Desarrollo Pesquero
Assessment authors	Giussi, Analia
Assessment method	Virtual Population Analysis
Publication year	2007
Timeseries span	1983-2006
Document	Giussi-hoki-2007.pdf (pdf in database)
Recorder	Parma
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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
14 - Patagonian Shelf			na	na
			Reference points	
Parameter	Value	Units	Parameter	Value Units
SSB-AGE-yr	3+	yr	Fmax-1/yr (F)	0.3630 1/yr
REC-AGE-yr	1	yr	Fmsy-1/yr (F)	0.3294 1/yr
F-AGE-yr-yr	5- 12	yr-yr	NATMORT-1/yr (M)	0.3 1/yr
TB-AGE-yr	1+	yr	F40%-1/T	0.1842 1/T
A50-yr	3.59	yr	SSBmsy-MT (SSB)	372542.00 MT
L50-cm	57.79	cm	MSY-MT (TB)	132131.00 MT
M-1/yr	0.3	1/yr	Umsy-ratio (U)	0.2058 ratio
NATMORT-1/yr	0.3	1/yr	Blim-MT (SSB)	415041.00 MT
M			Bmsy-MT (TB)	642031.00 MT
			Brebuild-MT (SSB)	500000.00 MT
			Bbuf-MT (SSB)	712405.00 MT
			SSB_{2006}/B_{lim}	1.631
			TB_{2006}/B_{msy}	3.701
			F_{2006}/F_{msy}	0.595
			SSB_{2006}/SSB_{msy}	1.817

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1985	1983	1985	1985	1985
Maximum year	2006	2004	2006	2006	2006
Time series minimum	415041	212795	0.019	857676	21663
Time series maximum	960291	2576934	0.398	1664567	168031
Units	MT	E03	1/yr	MT	MT

