

Assessment of Northern Argentina argentine hake (*Merluccius hubbsi*)

Assessment ID:INIDEP-ARGHAKENARG-1985-2007-Parma
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/104>

Area ID: Argentina-CFP-ARG-N

General assessment details.

Detail	Value
Management body	CFP
Assessment group	Instituto Nacional de Investigacion y Desarrollo Pesquero
Assessment authors	Irusta, Gabriela
Assessment method	Virtual Population Analysis
Publication year	2007
Timeseries span	1985-2007
Document	Irusta-hake-N-2007.pdf (pdf in database)
Recorder	Parma
Date entered	2008-12-11
Date last loaded	2009-04-24
QA/QC complete	YES
Date approved	2009-04-23

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
REC-AGE-yr	1	yr	Fmax-1/yr (F)	0.2978 1/yr
F-AGE-yr-yr	3-6	yr-yr	Fmsy-1/yr (F)	0.4322 1/yr
TB-AGE-yr	1+	yr	NATMORT-1/yr (M)	0.3 1/yr
A50-yr	2.62	yr	F40%-1/T	0.18791 1/T
M-1/yr	0.3	1/yr	SSBmsy-MT (SSB)	429200 MT
NATMORT-1/yr	0.3	1/yr	MSY-MT (TB)	169416 MT
SSB-AGE-yr			Umsy-ratio (U)	0.28133 ratio
M			Blim-MT (SSB)	99764 MT
L50-cm			Bmsy-MT (TB)	602198.00 MT
			Brebuild-MT (SSB)	200000.00 MT
			Bbuf-MT (SSB)	99764 MT
			SSB_{2007}/B_{lim}	0.702
			TB_{2007}/B_{msy}	0.265
			F_{2007}/F_{msy}	1.261
			SSB_{2007}/SSB_{msy}	0.163

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1986	1985	1986	1986	1986
Maximum year	2007	2006	2007	2007	2007
Time series minimum	52371	162065	0.4208	106288	47723
Time series maximum	472775	730545	1.6097	571523	221201
Units	MT	E03	1/yr	MT	MT

