

Assessment of Chatham Rise southern hake (*Merluccius australis*)

Assessment

ID:NZMFishMIDDEPTHSWG-SOUTHHAKECR-1975-2006-JENSEN
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/180>

Area ID: New Zealand-MFish-CR

General assessment details.

Detail	Value
Management body	MFish
Assessment group	Middle Depths Working Group
Assessment authors	
Assessment method	CASAL
Publication year	
Timeseries span	1975-2006
Document	NULL (pdf not in database)
Recorder	JENSEN
Date entered	2009-03-11
Date last loaded	2010-02-05
QA/QC complete	NO
Date approved	

Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

primary LME			secondary LME		tertiary LME
46 - New Zealand Shelf			na		na
Parameter	Value	Units	Reference points		
REC-AGE-yr	1	yr	Parameter	Value	Units
TB-AGE-yr	1	yr	Fmsy-1/yr (F)	2.89E-01	1/yr
A50-yr	7	yr	MSY-MT (TB)	3042.60651	MT
M-1/yr	0.18	1/yr	SSBmsy-MT (SSB)	7786.9455	MT
SSB-AGE-yr			SSB0-MT (SSB)	37985.1	MT
SSB-SEX-sex			BH-h-dimless	0.9	dimless
F-AGE-yr			F_{2006}/F_{msy}	0.116	
M			SSB_{2006}/SSB_{msy}	1.768	
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1975	1975	1975	1975	1975
Maximum year	2006	2005	2006	2006	2006
Time series minimum	13770.4	516	0.0007420451	19723.6	34
Time series maximum	44663.7	12400	0.2131267	62986.5	4509
Units	MT	E03	1/yr	MT	MT

