

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

Assessment ID: NIWA-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	National Institute of Water and Atmospheric Research
Assessment authors	NULL
Assessment method	CASAL
Publication year	
Timeseries span	1975-2006
Document	NULL (pdf not in database)
Recorder	JENSEN
Date entered	2009-03-11
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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
REC-AGE-yr	1	yr
TB-AGE-yr	1	yr
SSB-AGE-yr		
F-AGE-yr		
M		
A50-yr		
L50-cm		
MORATOR-yr-yr		

  

Reference points		
Parameter	Value	Units

**Time series minima and maxima**

	SSB	R	F	TB	Catch
Minimum year	1975	1975		1975	1975
Maximum year	2006	2005		2006	2006
Time series minimum	13770.4	516		19723.6	34
Time series maximum	44663.7	12400		62986.5	4509
Units	MT	E03		MT	MT

