

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	Cordue, PatrickL.
Assessment method	CASAL
Publication year	
Timeseries span	1975-2006
Document	CORDUEperscomm.pdf (pdf not in database)
Recorder	JENSEN
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QA/QC complete	YES
Date approved	2011-06-10

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			
			Parameter	Value	Units	
REC-AGE-yr	1	yr				
TB-AGE-yr	1	yr				
A50-yr	7	yr	Fmsy-1/yr (F)	2.90E-01	1/yr	
M-1/yr	0.18	1/yr	MSY-MT (TB)	3042.60651	MT	
SSB-AGE-yr			SSBmsy-MT (SSB)	7786.9455	MT	
SSB-SEX-sex			SSB0-MT (SSB)	37985.1	MT	
F-AGE-yr			BH-h-dimless	0.9	dimless	
M			F_{2006}/F_{msy}	0.116		
L50-cm			SSB_{2006}/SSB_{msy}	1.768		

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

