

# Assessment of Hecate Strait pacific cod (*Gadus macrocephalus*)

Assessment ID:DFO-PAC-PCODHS-1956-2005-COLLIE

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/310>

Area ID: Canada-DFO-HS

General assessment details.

Detail	Value
Management body	DFO
Assessment group	Department of Fisheries and Oceans - Pacific Region
Assessment authors	Sinclair, A.F.
Assessment method	Delay difference model
Publication year	2005
Timeseries span	1956-2005
Document	RES2005_026.Cod.pdf (pdf in database)
Recorder	COLLIE
Date entered	2008-04-08
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QA/QC complete	YES
Date approved	2009-05-13

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

			primary LME	secondary LME	tertiary LME
			2 - Gulf of Alaska	na	na
Parameter	Value	Units	Reference points		
			Parameter	Value	Units
M-1/yr	0.567	1/yr	Blim-MT (TB)	11165	MT
SSB-AGE-yr	2+	yr	Bmsy-MT (TB)	8861	MT
SSB-SEX-sex	0	sex	Fmsy-1/yr (F)	0.354	1/yr
REC-AGE-yr	2	yr	Fext-1/yr (F)	1.586	1/yr
F-AGE-yr-yr	2+	yr-yr	$TB_{2005}/B_{msy}$	1.202	
TB-AGE-yr	2+	yr	$F_{2003}/F_{msy}$	0.219	
M					
A50-yr					
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year		1956	1956	1956	1956
Maximum year		2005	2003	2005	2004
Time series minimum		498	0.0775	3695	214
Time series maximum		33659	0.4445	53470	9562
Units		E03	1/T	MT	MT

