

# 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
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QA/QC complete	YES
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Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

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

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	MT

