

Assessment of Gulf of Alaska northern rockfish (*Sebastes polypsinis*)

Assessment ID:AFSC-NROCKGA-1959-2008-MELNYCHUK

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/282>

Area ID: USA-NMFS-GA

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Alaska Fisheries Science Center
Assessment authors	Heifetz, J
Assessment method	an AD-Model builder statistical Catch at Age Model
Publication year	2008
Timeseries span	1959-2008
Document	AFSC-NROCKGA-2008-Northern rock-fish GA.pdf (pdf in database)
Recorder	MELNYCHUK
Date entered	2009-04-17
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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.

primary LME			secondary LME		tertiary LME	
2 - Gulf of Alaska			na		na	
Parameter	Value	Units	Reference points			
			Parameter	Value	Units	
SSB-SEX-sex	1	sex				
REC-AGE-yr	2	yr				
F-AGE-yr-yr	2-22+	yr-yr	Fmsy-1/yr (F)	0.073	1/yr	
TB-AGE-yr	2+	yr	NATMORT-1/yr (M)	0.06	1/yr	
A50-yr	13	yr	F40%-1/T	0.061	1/T	
L50-cm	36.1	cm	SSBmsy-MT (SSB)	19500	MT	
M-1/yr	0.06	1/yr	SSBF40%-MT	22300	MT	
NATMORT-1/yr	0.06	1/yr	F_{2007}/F_{msy}	0.658		
SSB-AGE-yr			SSB_{2008}/SSB_{msy}	1.496		
M						

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1961	1959	1961	1961	1961
Maximum year	2008	2005	2007	2008	2007
Time series minimum	24187	5800	0.002	82464	185
Time series maximum	80449	87500	0.149	187340	17430
Units	MT	E03	1/yr	MT	MT

