

# Assessment of Gulf of Alaska arrowtooth flounder (*Atheresthes stomias*)

Assessment ID: AFSC-ARFLOUNDGA-1958-2010-STANTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/281>

Area ID: USA-NMFS-GA

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Alaska Fisheries Science Center
Assessment authors	Turnock, B.J.
Assessment method	an AD-Model builder statistical Catch at Age Model
Publication year	2008
Timeseries span	1958-2010
Document	2008.SAFE.GOAatf.pdf (pdf not in database)
Recorder	STANTON
Date entered	2009-04-21
Date last loaded	2010-02-10
QA/QC complete	YES
Date approved	2010-02-10

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			
SSB-AGE-yr	3+	yr			
SSB-SEX-sex	1	sex			
REC-AGE-yr	3	yr			
TB-AGE-yr	3+	yr			
L50-cm	47	cm			
M-1/yr	0.2	1/yr			
NATMORT-1/yr	0.2	1/yr			
F-AGE-yr					
M					
A50-yr					

  

			Reference points		
Parameter	Value	Units			
NATMORT-1/yr (M)	0.2	1/yr			
F40%-1/T	0.186	1/T			
SSBmsy-MT (SSB)	428307	MT			
SSBtarget-MT (SSB)	489493	MT			
$SSB_{2010}/SSB_{msy}$	3.020				

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1961	1958		1961	1964
Maximum year	2010	2004		2007	2008
Time series minimum	197773	114710		362688	514
Time series maximum	1295050	1320190		2258230	29994
Units	MT	E03		MT	MT

