

# Assessment of Gulf of Alaska flathead sole (*Hippoglossoides elassodon*)

Assessment ID: AFSC-FLSOLEGA-1978-2010-Stachura  
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/280>

Area ID: USA-NMFS-GA

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Alaska Fisheries Science Center
Assessment authors	Stockhausen, W.T.
Assessment method	an AD-Model builder statistical Catch at Age Model
Publication year	2010
Timeseries span	1978-2010
Document	AFSC-FLSOLEGA-2010.pdf (pdf in database)
Recorder	Stachura
Date entered	2011-03-29
Date last loaded	2011-06-14
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
			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			
A50-yr	8.74	yr			
L50-cm	33.33	cm			
M-1/yr	0.2	1/yr			
NATMORT-1/yr	0.2	1/yr			
F-AGE-yr					
M					

  

			Reference points		
Parameter	Value	Units			
Fmsy-1/yr (F)	0.481	1/yr			
NATMORT-1/yr (M)	0.2	1/yr			
F40%-1/T	0.371	1/T			
SSBmsy-MT (SSB)	43661	MT			
$SSB_{2010}/SSB_{msy}$	2.605				

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1984	1981		1984	1978
Maximum year	2010	2006		2010	2010
Time series minimum	59000	180200		245970	147.3
Time series maximum	115000	412900		371040	3778
Units	MT	E03		MT	MT

