

# Assessment of Bering Sea and Aleutian Islands flathead sole (*Hippoglossoides elassodon*)

Assessment ID:AFSC-FLSOLEBSAI-1977-2008-STANTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/232>

Area ID: USA-NMFS-BSAI

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Alaska Fisheries Science Center
Assessment authors	Stockhausen WT
Assessment method	an AD-Model builder statistical Catch at Age Model
Publication year	2009
Timeseries span	1977-2008
Document	2008.SAFE.BSAIflathead.pdf (pdf not in database)
Recorder	STANTON
Date entered	2009-04-06
Date last loaded	2011-06-14
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
			1 - East Bering Sea	na	na
Parameter	Value	Units	Reference points		
			Parameter	Value	Units
SSB-AGE-yr	3+	yr	SSBmsy-MT (SSB)	139188	MT
SSB-SEX-sex	1	sex	Fmsy-1/yr (F)	0.279	1/yr
REC-AGE-yr	3	yr	SSB0-MT (SSB)	347970	MT
F-AGE-yr-yr		yr-yr	SSBtarget-MT (SSB)	139188	MT
TB-AGE-yr	3+	yr	SSBmin-ratio (SSB)	0.35000143690548	ratio
M-1/yr	0.2	1/yr	Ftarget-1/yr (F)	0.279	1/yr
M			MSY-MT (TB)	121790	MT
A50-yr			$SSB_{2008}/SSB_{msy}$	1.833	
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1977	1977		1977	1977
Maximum year	2008	2005		2008	2008
Time series minimum	20088	327460		127340	3595
Time series maximum	336954	2029400		1012500	24597
Units	MT	E03		MT	MT

