

# Assessment of Bering Sea and Aleutian Islands yellowfin sole (*Limanda aspera*)

Assessment ID:AFSC-YSOLEBSAI-1959-2008-MELNYCHUK  
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/270>

Area ID: USA-NMFS-BSAI

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Alaska Fisheries Science Center
Assessment authors	Wilderbuer T
Assessment method	an AD-Model builder statistical Catch at Age Model
Publication year	2008
Timeseries span	1959-2008
Document	AFSC-YSOLEBSAI-2008-Yellowfin sole BSAI.pdf (pdf in database)
Recorder	MELNYCHUK
Date entered	2009-04-14
Date last loaded	2011-06-14
QA/QC complete	YES
Date approved	2010-07-27

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			
SSB-AGE-yr	10.5	yr	Reference points		
SSB-SEX-sex	1	sex			
REC-AGE-yr	5	yr	Parameter	Value	Units
TB-AGE-yr	2+	yr	Fmsy-1/yr (F)	0.13	1/yr
A50-yr	10.5	yr	NATMORT-1/yr (M)	0.12	1/yr
M-1/yr	0.12	1/yr	SSBmsy-MT (SSB)	329000	MT
NATMORT-1/yr	0.12	1/yr	$F_{2008}/F_{msy}$	0.615	
F-AGE-yr			$SSB_{2008}/SSB_{msy}$	1.939	
M					
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1964	1959	1964	1964	1977
Maximum year	2008	2003	2008	2008	2007
Time series minimum	60692	519000	0.04	724283	58373
Time series maximum	855155	3907000	0.83	2834670	227107
Units	MT	E03	1/yr	MT	MT

