

# Assessment of Eastern Bering Sea and Aleutian Islands northern rock sole (*Lepidopsetta polyxystra*)

Assessment ID:AFSC-NRSOLEEBSAI-1971-2008-STANTON  
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/238>

Area ID: USA-NMFS-EBSAI

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Alaska Fisheries Science Center
Assessment authors	Wloderbuer, TK
Assessment method	an AD-Model builder statistical Catch at Age Model
Publication year	2009
Timeseries span	1971-2008
Document	2008_SAFE.BSAIrocksole.pdf (pdf not in database)
Recorder	STANTON
Date entered	2009-04-06
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
			1 - East Bering Sea	na	na
Parameter	Value	Units			
SSB-AGE-yr	2+	yr			
SSB-SEX-sex	1	sex			
REC-AGE-yr	4	yr			
F-AGE-yr-yr	2+	yr-yr			
TB-AGE-yr	2+	yr			
M-1/yr	1.8	1/yr			
NATMORT-1/yr	1.8	1/yr			
M-1/yr	0.15	1/yr			
NATMORT-1/yr	0.15	1/yr			
M					
A50-yr					
L50-cm					

  

			Reference points		
Parameter	Value	Units	Parameter	Value	Units
			F <sub>msy</sub> -1/yr (F)	0.183	1/yr
			NATMORT-1/yr (M)	1.8	1/yr
			F40%-1/T	0.149	1/T
			SSB <sub>msy</sub> -MT (SSB)	173320.00	MT
			MSY-MT (TB)	300500.00	MT
			NATMORT-1/yr (M)	0.15	1/yr
			$F_{2007}/F_{msy}$	0.213	
			$SSB_{2007}/SSB_{msy}$	3.015	

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Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1975	1971	1975	1975	1977
Maximum year	2007	2003	2007	2008	2008
Time series minimum	28175	134.38	0.023	162245	5319
Time series maximum	686653	3176.54	0.266	1864490	86366
Units	MT	MT	1/yr	MT	MT

