

Assessment of Pacific Coast english sole (*Parophrys vetulus*)

Assessment ID:NWFSC-ESOLEPCOAST-1876-2007-BRANCH
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/21>

Area ID: USA-NMFS-PCOAST

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Northwest Fisheries Science Center
Assessment authors	Stewart, Ian J.
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1876-2007
Document	NWFSC-ESOLEPCOAST-2007-EnglishSole.pdf (pdf in database)
Recorder	BRANCH
Date entered	2008-11-18
Date last loaded	2011-07-25
QA/QC complete	YES
Date approved	2010-03-16

Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

primary LME			secondary LME	tertiary LME	
3 - California Current			na	na	
			Reference points		
Parameter	Value	Units	Parameter	Value	Units
			SSBlim-MT (SSB)	7364	MT
			SSBmsy-MT (SSB)	6526	MT
			Fmsy-1/yr (F)	0.27	1/yr
SSB-AGE-yr	3+	yr	SSB0-MT (SSB)	36012	MT
SSB-SEX-sex	1	sex	R0-E03 (R)	124990	E03
REC-AGE-yr	0	yr	SSBtarget-MT (SSB)	14405	MT
F-AGE-yr-yr	1+	yr-yr	SSBmin-ratio (SSB)	0.25	ratio
L50-cm	23.3	cm	Ftarget-1/yr (F)	0.13	1/yr
TB-AGE-yr	7.7+	yr	SPRtarget-ratio (SPR)	0.49	ratio
A50-yr	7.7+	yr	MSY-MT (TB)	4252	MT
M			BH-h-dimless	0.798	dimless
			SSB_{2007}/SSB_{lim}	5.691	
			F_{2006}/F_{msy}	0.074	
			SSB_{2007}/SSB_{msy}	6.422	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1876	1876	1876	1876	1876
Maximum year	2007	2007	2006	2007	2006
Time series minimum	7364	47349	0	21903	1
Time series maximum	42193	403289	0.22	72795	6030
Units	MT	E03	1/T	MT	MT

