

# 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
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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
SSB-AGE-yr	3+	yr	SSBlim-MT (SSB)	7364	MT
SSB-SEX-sex	1	sex	SSBmsy-MT (SSB)	6526	MT
REC-AGE-yr	0	yr	Fmsy-1/yr (F)	0.27	1/yr
F-AGE-yr-yr	1+	yr-yr	SSB0-MT (SSB)	36012	MT
L50-cm	23.3	cm	R0-E03 (R )	124990	E03
TB-AGE-yr	7.7+	yr	SSBtarget-MT (SSB)	14405	MT
A50-yr	7.7+	yr	SSBmin-ratio (SSB)	0.25	ratio
M			Ftarget-1/yr (F)	0.13	1/yr
			SPRtarget-ratio (SPR)	0.49	ratio
			MSY-MT (TB)	4252	MT
			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

