

# 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	BH-h-dimless	0.798 dimless
A50-yr	7.7+	yr	SSBtarget-MT (SSB)	14405 MT
M			SSBmin-ratio (SSB)	0.25 ratio
			Ftarget-1/yr (F)	0.13 1/yr
			SPRtarget-ratio (SPR)	0.49 ratio
			MSY-MT (TB)	4252 MT
			$SSB_{2007}/SSB_{lim}$	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

