

# Assessment of Western Pacific Ocean bigeye tuna (*Thunnus obesus*)

Assessment ID:SPC-BIGEYEWPO-1952-2006-JENSEN

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/59>

Area ID: multinational-SPC-WPO

General assessment details.

Detail	Value
Management body	WCPFC
Assessment group	Secretariat of the Pacific Community
Assessment authors	Langley, Adam
Assessment method	A length-based, age and spatially-structured model for fisheries stock assessment
Publication year	2008
Timeseries span	1952-2006
Document	SC4-SA-WP1-rev1-bigeye-tuna.pdf (pdf in database)
Recorder	JENSEN
Date entered	2008-10-30
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QA/QC complete	YES
Date approved	2010-05-04

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

primary LME			secondary LME	tertiary LME	
-99 - Pacific High Seas			na	na	
Parameter	Value	Units	Reference points		
SSB-SEX-sex	0	sex	Parameter	Value	Units
A50-yr	3.6	yr	Bmsy-MT (TB)	249600	MT
M-1/T	AVAILABLE	1/T	Umsy-ratio (U)	0.2588	ratio
REC-AGE			MSY-MT (TB)	64,600	MT
SSB-AGE-yr			SSBmsy-MT (SSB)	102200	MT
TB-AGE-yr			$TB_{2006}/B_{msy}$	1.206	
F-AGE-yr			$SSB_{2006}/SSB_{msy}$	1.057	
M					
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1952	1952	1952	1952	1952
Maximum year	2006	2003	2006	2006	2006
Time series minimum	103000	7820	0.0231	301000	22573.92
Time series maximum	607000	34300	0.4069	1000000	145859.3
Units	MT	E03	ratio	MT	MT

