

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

Assessment ID:SPC-BIGEYEWPO-1952-2007-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	Adam Langley
Assessment method	A length-based, age and spatially-structured model for fisheries stock assessment
Publication year	2008
Timeseries span	1952-2007
Document	JENSEN_BETWPO_2008.pdf (pdf in database)
Recorder	JENSEN
Date entered	2008-10-30
Date last loaded	2009-03-25
QA/QC complete	NO
Date approved	

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)	64600.00	MT
SSB-AGE-yr			SSBmsy-MT (SSB)	102200	MT
TB-AGE-yr			$TB_{2007}/B_{msy}$	1.154	
F-AGE-yr			$SSB_{2007}/SSB_{msy}$	0.988	
M					
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1952	1952	1952	1952	1952
Maximum year	2007	2003	2007	2007	2007
Time series minimum	101000	7820	0.0231	288000	22573.92
Time series maximum	607000	34300	0.4069	1000000	145859.3
Units	MT	E03	ratio	MT	MT

