Assessment of West Coast of Vancouver Island pacific cod (*Gadus macrocephalus*) Assessment ID:DFO-PAC-PCODWCVANI-1956-2002-COLLIE

Assessment ID:DFO-PAC-PCODWCVANI-1956-2002-COLLIE Issue URL: http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/311

Area ID: Canada-DFO-WCVANI

General assessment details.

Detail	Value
Management body	DFO
Assessment group	Department of Fisheries and Oceans -
	Pacific Region
Assessment authors	Sinclair, A.F.
Assessment method	Delay difference model
Publication year	2002
Timeseries span	1956-2002
Document	2002-113.pdf (pdf in database)
Recorder	COLLIE
Date entered	2008-04-13
Date last loaded	2009-03-17
QA/QC complete	YES
Date approved	2009-05-13

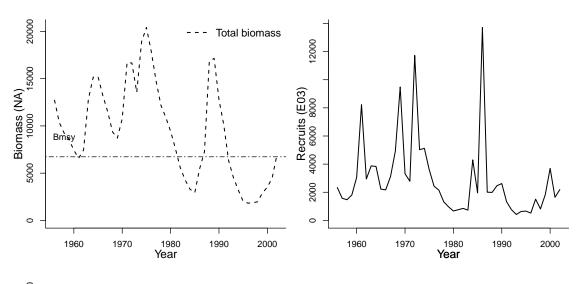
Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

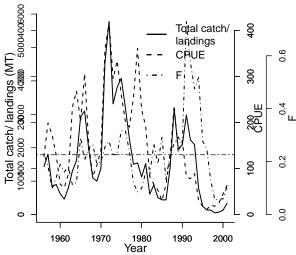
primary LME	secondary LME	tertiary LME
2 - Gulf of Alaska	na	na

Parameter	Value	Units	
M-1/yr	0.579	1/yr	
SSB-AGE-yr	2+	yr	
REC-AGE-yr	2	yr	
F-AGE-yr-yr	2+	yr-yr	
TB-AGE-yr	2+	yr	
M			
A50-yr			
L50-cm			

Reference points						
Parameter	Value	Units				
Bmsy-MT (TB)	6731	MT				
Fmsy-1/yr (F)	0.226	1/yr				
Fext-1/yr (F)	0.539	1/yr				
TB_{2002}/B_{msy}	1.037					
F_{2001}/F_{msy}	0.469					

Time series minima and maxima							
-	SSB	R	F	TB	Catch		
Minimum year		1956	1956	1956	1956		
Maximum year		2002	2001	2002	2001		
Time series minimum		420	0.056	1827	51		
Time series maximum		13718	0.729	20426	5774		
Units		E03	1/T	MT	MT		





No SSB-recruit data available