Assessment of Iranian Caspian Sea anchovy kilka (*Clupeonella engrauliformis*)

Assessment ID:CSERG-ANCHOVYKILKACS-1991-2007-JENSEN
Issue URL: http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/460

Area ID: Iran-Iran-CS

General assessment details.

Detail	Value
Management body	Iran
Assessment group	Caspian Sea Ecology Research Center
Assessment authors	Hasan Fazli
Assessment method	Age-aggregated surplus production model
Publication year	2009
Timeseries span	1991-2007
Document	JENSEN-ANCHOVYKILKACS-2007.pdf (pdf in database)
Recorder	JENSEN
Date entered	2011-01-14
Date last loaded	2011-06-14
QA/QC complete	YES
Date approved	2011-06-10

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

primary LME	secondary LME	tertiary LME
-95 - Caspian Sea	na	na

Parameter	Value	Units
REC-AGE-yr	0.18	yr
A50-yr	2.2	yr
M-1/T	0.473	1/T
SSB-AGE-yr		
SSB-SEX-sex		
TB-AGE-yr		
F-AGE-yr		
M		
L50-cm		

Reference points		
Parameter	Value	Units
MSY-MT (TB)	44652	MT

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1995	1995	1995	1995	1991
Maximum year	2004	2004	2004	2004	2007
Time series minimum	7161.1	325.9	0.651	8324.8	1200
Time series maximum	106374.9	52472.1	2.925	185249.4	67450
Units	MT	MT	1/yr	MT	MT