

Assessment of II-IIIa-IV-VI-VII-VIIIabc hake (*Merluccius merluccius*)

Assessment ID: WGHMM-HAKENRTN-1978-2007-JENNINGS

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/33>

Area ID: multinational-ICES-II-IIIa-IV-VI-VII-VIIIabc

General assessment details.

Detail	Value
Management body	ICES
Assessment group	Working Group on the Assessment of Southern Shelf Stocks of Hake, Monk and Megrim
Assessment authors	Anon
Assessment method	Extended Survivor Analysis
Publication year	2007
Timeseries span	1978-2007
Document	ICES-WGHMM-2007.pdf (pdf not in database)
Recorder	JENNINGS
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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		
21 - Norwegian Sea			22 - North Sea			24 - Celtic-Biscay Shelf		
Parameter	Value	Units	Reference points					
SSB-AGE-yr	AVAILABLE	yr	Parameter	Value	Units			
REC-AGE-yr	0	yr	Flim-1/T (F)	0.35	1/T			
F-AGE-yr-yr	2 to 6	yr-yr	Fpa-1/T (F)	0.25	1/T			
TB-AGE-yr	0+	yr	Blim-MT (SSB)	100000	MT			
A50-yr	AVAILABLE	yr	Bpa-MT (SSB)	140000	MT			
M-1/T	0.2	1/T	SSB_{2007}/B_{lim}	1.509				
M			F_{2006}/F_{lim}	0.609				
L50-cm								
MORATOR-yr-yr								

Time series minima and maxima

	SSB	R	F	TB	Catch
Minimum year	1978	1978	1978	1978	1978
Maximum year	2007	2007	2006	2006	2006
Time series minimum	94800	144000	0.163	154969	35010
Time series maximum	309700	348000	0.425	389774	66472
Units	MT	E03	1/T	MT	MT

