

# Assessment of Bothnian Sea herring (*Clupea harengus*)

Assessment ID:WGBFAS-HERR30-1972-2007-JENNINGS

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/30>

Area ID: multinational-ICES-30

General assessment details.

Detail	Value
Management body	ICES
Assessment group	Baltic Fisheries Assessment Working Group
Assessment authors	Anonymous
Assessment method	Extended Survivor Analysis
Publication year	2007
Timeseries span	1972-2007
Document	ICES-WGBFAS-2007.pdf (pdf in database)
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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
	23 - Baltic Sea	na	na

  

Parameter	Value	Units	Reference points		
			Parameter	Value	Units
SSB-AGE-yr	AVAILABLE	yr	Flim-1/T (F)	0.3	1/T
REC-AGE-yr	1	yr	Fpa-1/T (F)	0.21	1/T
F-AGE-yr-yr	3 to 7	yr-yr	SSBlim-MT (SSB)	145000	MT
TB-AGE-yr	1+	yr	SSBpa-MT (SSB)	200000	MT
A50-yr	AVAILABLE	yr	$SSB_{2006}/SSB_{lim}$	2.213	
M-1/T	0.2	1/T	$F_{2006}/F_{lim}$	0.564	
SSB-SEX-sex					
M					
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1973	1972	1973	1973	1973
Maximum year	2006	2006	2006	2006	2006
Time series minimum	99048	501629	0.0724	128629	13700
Time series maximum	424424	16311979	0.2366	537441	68635
Units	MT	E03	1/T	MT	MT

