Assessment of NAFO 4R herring (*Clupea harengus*)

Assessment ID:DFO-QUE-HERR4RSP-1963-2004-PREFONTAINE
Issue URL: http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/168

Area ID: Canada-DFO-4R

General assessment details.

Detail	Value
Management body	DFO
Assessment group	Department of Fisheries and Oceans - Quebec Region
Assessment authors	Grégoire, François
Assessment method	Sequential Population Analysis / ADAPT
Publication year	2004
Timeseries span	1963-2004
Document	NAFO-HERR4RSP-2004.pdf (pdf not in database)
Recorder	PREFONTAINE
Date entered	2008-05-30
Date last loaded	2010-07-14
QA/QC complete	YES
Date approved	2010-07-14

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

primary LME	secondary LME	tertiary LME
9 - Newfoundland-Labrador Shelf	na	na

Parameter	Value	Units
SSB-AGE-yr	2+	yr
REC-AGE-yr	2	yr
F-AGE-yr-yr	4+	yr-yr
A50-yr	3-4	yr
M-1/T	0.2	1/T
SSB-SEX-sex		
TB-AGE-yr		
M		
L50-cm		

Reference points		
Parameter	Value	Units
Blim-MT (TB)	37831	MT
F0.1-1/yr (F)	0.3	1/yr
Fmax-1/yr (F)	0.55	1/yr
Bbuf-MT (TB)	57453	MT

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1965	1963	1965	1965	1965
Maximum year	2004	2002	2003	2004	2003
Time series minimum	32559	8533	0.023	48431	4983
Time series maximum	189156	802298	0.578	234686	56356
Units	MT	E03	1/T	MT	E03