

Assessment of North Sea sand lance (*Ammodytes marinus*)

Assessment ID:WGNSSK-SEELNS-1983-2007-MINTO

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Area ID: multinational-ICES-IV

General assessment details.

Detail	Value
Management body	ICES
Assessment group	Working Group on the Assessment of Demersal Stocks in the North Sea and Skagerrak
Assessment authors	Anonymous
Assessment method	Extended Survivor Analysis
Publication year	2007
Timeseries span	1983-2007
Document	ICES-WGNSSK-2007.pdf (pdf in database)
Recorder	MINTO
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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
	22 - North Sea	na	na
Parameter	Value	Units	
A50-yr	2	yr	
SSB-AGE-yr	2+	yr	
REC-AGE-yr	0	yr	
M-1/T	0.2 for 1+	1/T	
F-AGE-yr-yr	1-2	yr-yr	
TB-AGE-yr	0+	yr	
SSB-SEX-sex			
M			
L50-cm			

Reference points		
Parameter	Value	Units
SSBlim-MT (SSB)	430000	MT
SSBpa-MT (SSB)	600000	MT
SSB_{2007}/SSB_{lim}	1.057	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1983	1983	1983	1983	1983
Maximum year	2007	2006	2007	2007	2007
Time series minimum	169965	77203	0.21	549532	171790
Time series maximum	1735847	1935600	0.969	5435685	1114044
Units	MT	E03	1/T	MT	MT

