



MarinTrust Standard V2

By-product Fishery Assessment *Report Template (Atlantic herring, Clupea harengus)*

MarinTrust Programme

Unit C, Printworks

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Table 1 Application details and summary of the assessment outcome

Fishery Under Assessment	Species:	Atlantic herring, <i>Clupea harengus</i>
	Geographical area:	FAO Area 27 Atlantic Northeast
	Country of origin of the product:	Iceland
	Stock:	Herring in subareas 1,2, and 5, and in divisions 4a. and 14.a (Norwegian spring-spawning herring (Northeast Atlantic and Arctic Ocean))
Date	24 January 2022	
Report Code	BP010	
Assessor	Géraldine Criquet	
Country of origin of the product - PASS	Iceland - PASS	
Country of origin of the product - FAIL	NA	

Application details and summary of the assessment outcome			
Company Name(s): Síldarvinnslan hf, Vinnslustöðin hf.			
Country: Iceland			
Email address:		Applicant Code:	
Certification Body Details			
Name of Certification Body:		Global Trust Certification	
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/ Re-approval
Géraldine Criquet	Conor Donnelly	0.5	Surveillance 1
Assessment Period	January 2022		

Scope Details	
Main Species	Atlantic herring, <i>Clupea harengus</i>
Stock	Herring in subareas 1,2, and 5, and in divisions 4a. and 14.a (Norwegian spring-spawning herring (Northeast Atlantic and Arctic Ocean))
Fishery Location	FAO Area 27 Atlantic Northeast
Management Authority (Country/ State)	Iceland, Norway, EU, the Faroe Islands and the Russian Federation
Gear Type(s)	Pelagic trawl, purse seines
Outcome of Assessment	
Peer Review Evaluation	Agree with recommendation
Recommendation	Approved

Table 2. Assessment Determination

Assessment Determination
<p>If any species is categorised as Endangered or Critically Endangered on the IUCN Red List, or if it appears in the CITES appendices, it cannot be approved for use as Marin Trust raw material. Atlantic herring is neither listed as Endangered or Critically Endangered on the IUCN Red List, nor listed in CITES appendices, therefore Atlantic herring is eligible for approval for use as MarinTrust raw material.</p> <p>A long-term management strategy was agreed by the EU, the Faroe Islands, Iceland, Norway and Russian Federation in 2018. However, there is a disagreement over the TAC allocation resulting in the setting of unilateral quotas which the sum is above the TAC. Reference points are defined for the stock, therefore it was assessed under category C.</p> <p>Fishery removals are included in the stock assessment process, it PASSES Clause C1.1. The stock is considered, in its most recent stock assessment, to have a biomass above the limit reference point, it PASSES Clause C1.2.</p> <p>Therefore, Norwegian spring-spawning herring is APPROVED for the production of fishmeal and fish oil under the current Marin Trust v 2.0 by-products.</p>
Fishery Assessment Peer Review Comments
<p>The stock is correctly assessed under category C. Catches are taken into account in the stock assessment model and the most recent spawning-stock size index is above target and limit reference point. Therefore, Norwegian spring-spawning herring should be approved for the production of fishmeal and fish oil under the current Marin Trust v 2.0 by-products.</p>
Notes for On-site Auditor

Species Categorisation

NB: If any species is categorised as Endangered or Critically Endangered on the IUCN Red List, or if it appears in CITES Appendix 1, it **cannot** be approved for use as a MarinTrust raw material.

IUCN Red list Category

By-product material from a species listed by IUCN (the International Union for Conservation of Nature) under the Red List for the following categories shall immediately fail the assessment;

- EXTINCT (E) AND EXTINCT IN THE WILD (EW)
- CRITICALLY ENDANGERED (CR) facing an extremely high risk of extinction in the wild.
- ENDANGERED (EN) facing a very high risk of extinction in the wild.

By-product material may be used from the following categories provided that all clauses in the MarinTrust standard are passed.

- VULNERABLE (VU) facing a high risk of extinction in the wild.
- NEAR THREATENED (NT) does not qualify for above now, but is close or is likely to qualify for, a threatened category in the near future.
- LEAST CONCERN (LC) Widespread and abundant.
- DATA DEFICIENT (DD) and NOT EVALUATED (NE)

Table 3 Species Categorisation Table

Common name	Latin name	Stock	Management	Category	IUCN Red List Category ¹	CITES Appendix 1 ²
Atlantic herring	<i>Clupea harengus</i>	Herring in subareas 1,2, and 5, and in divisions 4a. and 14.a (Norwegian spring-spawning herring (Northeast Atlantic and Arctic Ocean))	Iceland, Norway, EU, the Faroe Islands and the Russian Federation	C	LC	No

¹ <https://www.iucnredlist.org/>

² <https://cites.org/eng/app/appendices.php>

CATEGORY C SPECIES

In a by-product assessment, Category C species are those which are subject to a species-specific management regime and are usually targeted species in fisheries for human consumption.

Clause C1 should be completed for each Category C species. If there are no Category C species in the fishery under assessment, this section can be deleted. Where a species fails this Clause, it should be assessed as a Category D species instead.

Species Name		Atlantic herring, <i>Clupea harengus</i>																																																																	
C1	Category C Stock Status - Minimum Requirements																																																																		
	C1.1	Fishery removals of the species in the fishery under assessment are included in the stock assessment process, OR are considered by scientific authorities to be negligible.	Yes																																																																
	C1.2	The species is considered, in its most recent stock assessment, to have a biomass above the limit reference point (or proxy), OR removals by the fishery under assessment are considered by scientific authorities to be negligible.	Yes																																																																
			Clause outcome: PASS																																																																
C1.1 Fishery removals of the species in the fishery under assessment are included in the stock assessment process, OR are considered by scientific authorities to be negligible.																																																																			
<p>The stock assessment type is a statistical assessment model (XSAM) that uses catches (commercial catches-at-age) in the model and the forecast, and also includes uncertainties in catches and abundance indices. Catches are presented in Figure 1. Therefore, fishery removals of the stock, including from the fishery under assessment, are included in the stock assessment process, it PASSES Clause C1.1.</p>																																																																			
<p style="text-align: center;">Catches</p> <table border="1"> <caption>Estimated data for Figure 1: Herring catches in million tonnes</caption> <thead> <tr> <th>Year</th> <th>Catches (million t)</th> </tr> </thead> <tbody> <tr><td>1990</td><td>0.1</td></tr> <tr><td>1991</td><td>0.1</td></tr> <tr><td>1992</td><td>0.1</td></tr> <tr><td>1993</td><td>0.1</td></tr> <tr><td>1994</td><td>0.2</td></tr> <tr><td>1995</td><td>0.5</td></tr> <tr><td>1996</td><td>0.9</td></tr> <tr><td>1997</td><td>1.4</td></tr> <tr><td>1998</td><td>1.2</td></tr> <tr><td>1999</td><td>1.2</td></tr> <tr><td>2000</td><td>1.2</td></tr> <tr><td>2001</td><td>0.8</td></tr> <tr><td>2002</td><td>0.8</td></tr> <tr><td>2003</td><td>0.8</td></tr> <tr><td>2004</td><td>0.8</td></tr> <tr><td>2005</td><td>1.0</td></tr> <tr><td>2006</td><td>1.0</td></tr> <tr><td>2007</td><td>1.3</td></tr> <tr><td>2008</td><td>1.5</td></tr> <tr><td>2009</td><td>1.7</td></tr> <tr><td>2010</td><td>1.4</td></tr> <tr><td>2011</td><td>1.0</td></tr> <tr><td>2012</td><td>0.8</td></tr> <tr><td>2013</td><td>0.7</td></tr> <tr><td>2014</td><td>0.5</td></tr> <tr><td>2015</td><td>0.4</td></tr> <tr><td>2016</td><td>0.4</td></tr> <tr><td>2017</td><td>0.7</td></tr> <tr><td>2018</td><td>0.6</td></tr> <tr><td>2019</td><td>0.8</td></tr> <tr><td>2020</td><td>0.7</td></tr> </tbody> </table>				Year	Catches (million t)	1990	0.1	1991	0.1	1992	0.1	1993	0.1	1994	0.2	1995	0.5	1996	0.9	1997	1.4	1998	1.2	1999	1.2	2000	1.2	2001	0.8	2002	0.8	2003	0.8	2004	0.8	2005	1.0	2006	1.0	2007	1.3	2008	1.5	2009	1.7	2010	1.4	2011	1.0	2012	0.8	2013	0.7	2014	0.5	2015	0.4	2016	0.4	2017	0.7	2018	0.6	2019	0.8	2020	0.7
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<p>Figure 1. Herring in subareas 1, 2, and 5, and in divisions 4.a and 14.a (Norwegian spring-spawning herring). Long-term trends in catches</p>																																																																			
C1.2 The species is considered, in its most recent stock assessment, to have a biomass above the limit reference point (or proxy), OR removals by the fishery under assessment are considered by scientific authorities to be negligible.																																																																			
<p>The spawning-stock size is above $MSY B_{trigger}$, B_{pa} and B_{lim} (Figure 2). Therefore, the stock is considered, in its most recent stock assessment, to have a biomass above the limit reference point, C1.2 is met.</p>																																																																			

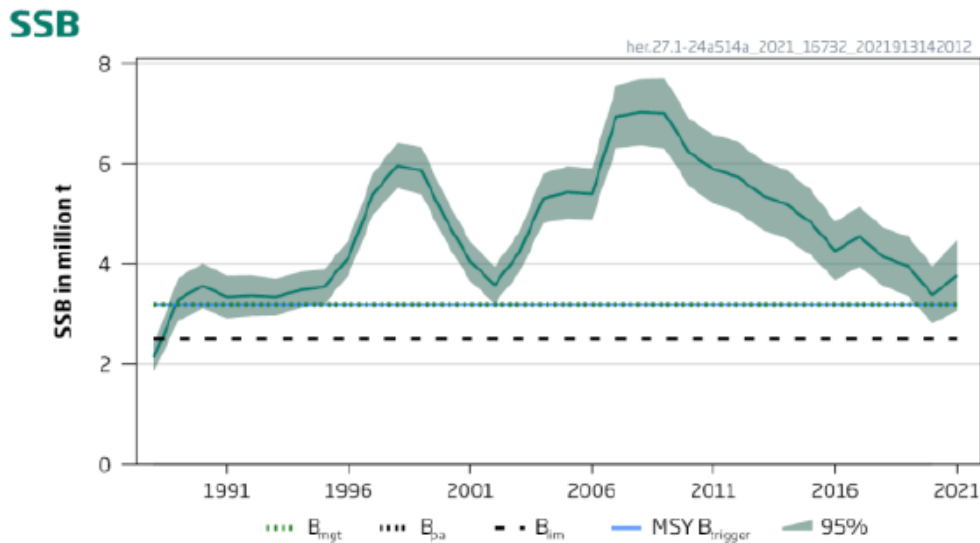


Figure 2. Herring in subareas 1, 2, and 5, and in divisions 4.a and 14.a (Norwegian spring-spawning herring). Spawning stock biomass.

References

ICES. 2021. Herring (*Clupea harengus*) in subareas 1, 2, 5 and divisions 4.a and 14.a, Norwegian spring-spawning herring (the Northeast Atlantic and Arctic Ocean). In Report of the ICES Advisory Committee, 2021. ICES Advice 2021, her.27.1-24a514a. <https://doi.org/10.17895/ices.advice.7765>.
<https://www.ices.dk/sites/pub/Publication%20Reports/Advice/2021/2021/her.27.1-24a514a.pdf>

Lorance, P., Nedreaas, K., Fernandes, P., Kjellén, N. & Florin, A. 2015. *Clupea harengus*. The IUCN Red List of Threatened Species 2015: e.T155123A45074983. Accessed on 24 January 2022.
<https://www.iucnredlist.org/species/155123/45074983>

Links

MarinTrust Standard clause	1.3.2.2
FAO CCRF	7.5.3
GSSI	D.3.04, D5.01