



MarinTrust Standard V2

By-product Fishery Assessment

Report Template

Herring (*Clupea harengus*) in Subarea 4
and divisions 3.a and 7.d, autumn
spawners (North Sea, Skagerrak and
Kattegat, eastern English Channel)

MarinTrust Programme

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Table 1 Application details and summary of the assessment outcome

Fishery Under Assessment	Species:	Herring (<i>Clupea harengus</i>)
	Geographical area:	FAO 27 Northeast Atlantic
	Country of origin of the product:	EU, Russian Federation, Faroese and U.K. (Flag countries)
	Stock:	Herring (<i>Clupea harengus</i>) in Subarea 4 and divisions 3.a and 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel)
Date	April 2022	
Report Code	GBR08	
Assessor	Vito Romito	
Country of origin of the product - PASS	EU, Russian Federation, Faroese and U.K. (Flag countries)	
Country of origin of the product - FAIL		

Application details and summary of the assessment outcome			
Company Name(s): Pelagia			
Country: UK & Ireland			
Email address:		Applicant Code:	
Certification Body Details			
Name of Certification Body:		Global Trust Certification	
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/ Re-approval
Vito Romito	Ivan Mateo	0.5	Surveillance 1
Assessment Period	To April 2022		

Scope Details	
Main Species	Herring (<i>Clupea harengus</i>)
Stock	Herring (<i>Clupea harengus</i>) in Subarea 4 and divisions 3.a and 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel)
Fishery Location	Northeast Atlantic
Management Authority (Country/ State)	EU CFP (primarily) and management organisations from Russian Federation, Faroese and U.K.
Gear Type(s)	All
Outcome of Assessment	
Peer Review Evaluation	Agree with Assessor assessment
Recommendation	Approve

Table 2. Assessment Determination

Assessment Determination
<p>If any species is categorised as Endangered or Critically Endangered on IUCN’s Red List, or if it appears in the CITES appendices, it cannot be approved for use as Marin Trust raw material. Herring (<i>Clupea harengus</i>) is neither listed as Endangered or Critically Endangered on IUCN’s Red List, nor listed in CITES appendices; therefore, it is eligible for approval for use as Marin Trust by-product raw material.</p> <p>ICES is not aware of any agreed precautionary management plan for herring in this area but the ICES advice basis is according to the MSY approach. Accordingly, ICES advised that when the MSY approach is applied, catches in 2022 should be no more than 532 183 tonnes for herring (<i>Clupea harengus</i>) in Subarea 4 and divisions 3.a and 7.d.</p> <p>The stock is assessed by ICES and therefore assessed as a Category C here. Catches are accounted in the stock assessment model. Fishing pressure on the stock is below FMSY, Fpa, and Flim; and the spawning-stock size is above MSY Btrigger, Bpa, and Blim. Accordingly, this stock is APPROVED for the production of fishmeal and fish oil under the current Marin Trust v 2.0 Standard for by-products.</p>
Fishery Assessment Peer Review Comments
<p>The assessor correctly classified the herring (<i>Clupea harengus</i>) in Subarea 4 and divisions 3.a and 7.d as category C, the stock is managed, and reference points are defined to assess the stock status against.</p> <p>Fishery removals from the stock are considered in the stock assessment process. The most recent stock assessment shows that the stock is considered to have a biomass well above the limit reference point. Therefore, herring (<i>Clupea harengus</i>) in Subarea 4 and divisions 3.a and 7.d passes both C1.1 and C1.2 and therefore the herring (<i>Clupea harengus</i>) in Subarea 4 and divisions 3.a and 7.d is approved.</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
Herring	<i>Clupea harengus</i>	Herring (<i>Clupea harengus</i>) in Subarea 4 and divisions 3.a and 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel)	EU CFP (primarily) and management organisations from Russian Federation, Faroese and U.K.	C	LC	No

¹ <https://www.iucnredlist.org/>

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

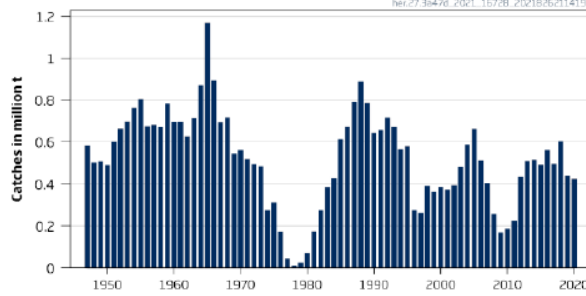
CATEGORY C SPECIES

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		Herring	
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.	Pass
	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.	Pass
Clause outcome:			PASS
<p>C1.1 Fishery removals of the species in the fishery under assessment are included in the stock assessment process.</p> <p>The stock is assessed using an age-based analytical assessment, SAM (ICES, 2021d) that uses catches in the model and in the forecast. Inputs include: Commercial catches and five survey indices (IBTS Q1 1-ringer G1022), IBTS0 (I8304), LAI as SSB index (I2359, I9086, I2687), HERAS 1–8 ringers A5092, IBTS Q3 0–5-ringers G2829); annual maturity data from HERAS survey, natural mortalities from SMS North Sea multispecies model (ICES, 2021b). Discards are considered negligible (Source ICES 2021).</p> <p>The stock passes Clause C1.1.</p> <p>C1.2 The species is considered, in its most recent stock assessment, to have a biomass above the limit reference point (or proxy).</p> <p>As per the 2021 ICES Advice report fishing pressure on the stock is below FMSY, Fpa, and Flim; and the spawning-stock size is above MSY Btrigger, Bpa, and Blim. This is shown below.</p>			

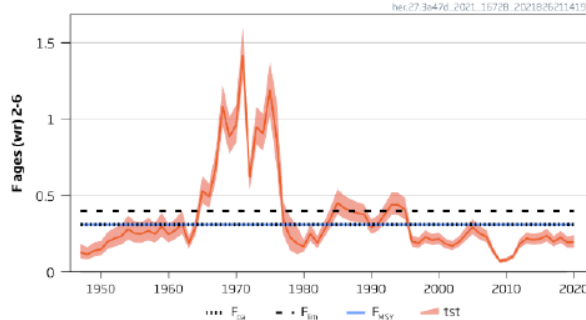
Catches



Recruitment at age (wr) 0



F



SSB

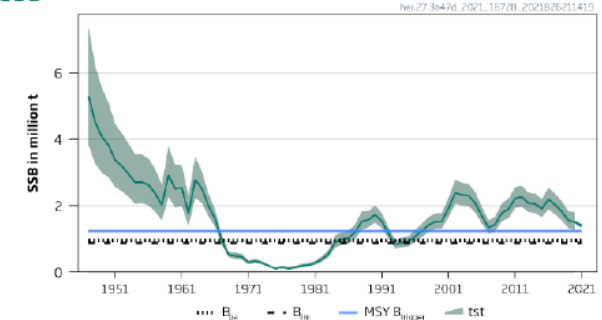


Figure 1. Herring in Subarea 4 and divisions 3.a and 7.d, autumn spawners. Summary of the stock assessment; 95% confidence intervals are shown for SSB, F, and recruitment (Source ICES 2021).

The stock passes Clause C1.2.

References

CITES. 2022. Cites Appendix 1. <https://cites.org/eng/app/appendices.php>

ICES. 2021. Herring (*Clupea harengus*) in Subarea 4 and divisions 3.a and 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel). In Report of the ICES Advisory Committee, 2021. ICES Advice 2021, her.27.3a47d, <https://doi.org/10.17895/ices.advice.7770>

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 27 April 2022.

Links

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