



## MarinTrust Standard V2

# By-product Fishery Assessment Herring (*Clupea harengus*) in FAO 27, ICES 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 Area 27 Northeast Atlantic
	Country of origin of the product:	UK & Ireland
	Stock:	Herring in ICES Subarea 4 and divisions 3.a and 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel)
Date	4 April 2023	
Report Code	GRB08	
Assessor	Léa Lebechnech	
Country of origin of the product - PASS	UK & Ireland	
Country of origin of the product - FAIL	N/A	

Application details and summary of the assessment outcome			
Company Name(s): Pelagia UK			
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
Léa Lebechnech	Matthew Jew	0.5	Surveillance 1
Assessment Period	To April 2023		

Scope Details	
Main Species	Herring ( <i>Clupea harengus</i> )
Stock	Herring in ICES Subarea 4 and divisions 3.a and 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel)
Fishery Location	FAO Area 27 Northeast Atlantic
Management Authority (Country/ State)	European Union (Common Fisheries Policy-CFP)
Gear Type(s)	All
Outcome of Assessment	
Peer Review Evaluation	Agree with assessor's recommendation
Recommendation	<b>APPROVED</b>

**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. Herring (<i>Clupea harengus</i>) does not appear as Endangered or Critically Endangered on the IUCN Red List, nor does it appear in the CITES appendices; therefore, herring in ICES Subarea 4 and divisions 3.a and 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel), is eligible for approval for use as Marin Trust raw material.</p> <p>There is no agreed precautionary management regime in place for herring in the considered area, however, the ICES advice basis is made according to the MSY approach. The stock is assessed by ICES with reference points, therefore the species is assessed under category C here.</p> <p>Fishery removals of the species in the fishery under assessment are included in the stock assessment process, and the species is considered, in its most recent stock assessment, to have a biomass above the limit reference point proxy), so it PASSES Clauses C1.1 and C1.2.</p> <p>Consequently, herring in ICES Subarea 4 and divisions 3.a and 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel), 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 fall spawn herring in ICES subarea 4 and divisions 3.a and 7.d as Category C, the stock is subject to a specific management regime and reference points are defined.</p> <p>Fishery removals are considered in the stock assessment process. The most recent stock assessment shows that the stock is above MSY <math>B_{trigger}</math>, <math>B_{pa}</math>, and <math>B_{lim}</math>. Therefore, the stock is considered to have biomass above the limit reference point.</p> <p>Fall spawn herring in ICES subarea 4 and divisions 3.a and 7.d passes both clauses (C1.1 and C1.2) and therefore should be approved under the MarinTrust Standard v.2.</p>
Notes for On-site Auditor
N/A

## 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 <sup>1</sup>	CITES Appendix 1 <sup>2</sup>
Herring	<i>Clupea harengus</i>	Herring in ICES Subarea 4 and divisions 3.a and 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel)	European Union (CFP)	C	LC <sup>3</sup>	No

<sup>1</sup> <https://www.iucnredlist.org/>

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

<sup>3</sup> <https://www.iucnredlist.org/species/155123/45074983>

## 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 ( <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
<b>Clause outcome:</b>			<b>Pass</b>

**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.**

ICES advises that when the MSY approach is applied, catches in 2023 should be no more than 414 886 tonnes.

The assessment is an age-based analytical assessment, SAM (ICES, 2022b) that uses catches in the model and in the forecast. The input data considered in the last stock assessment are the following: Commercial catches disaggregated by fleets and split for NSAS/WBSS. Five survey indices IBTS Q1 1-ringer (G1022), IBTS0 (I8304), LAI as SSB index (I2359, I9086, I2687), HERAS 1–8 ringers (includes split for NSAS/WBSS, A5092), IBTS Q3 0–5-ringers (G2829); annual maturity data from HERAS survey, natural mortalities from SMS North Sea multispecies model (ICES, 2021b). Discarding is considered to be negligible.

Catches are presented in the figure below:

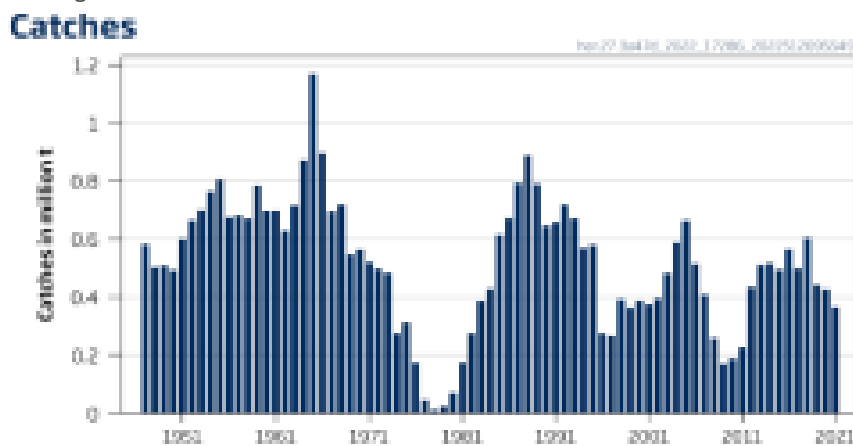


Figure 1. Catches of herring in Subarea 4 and divisions 3.a and 7.d, autumn spawners. Source: ICES 2022.

**Therefore, fishery removals of the species in the fishery under assessment are included in the stock assessment process, so it PASSES clause C1.1.**

**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.**

Fishing pressure on the stock is below  $F_{MSY}$  and the spawning-stock size is above  $MSY B_{trigger}$ ,  $B_{pa}$  and  $B_{lim}$ .

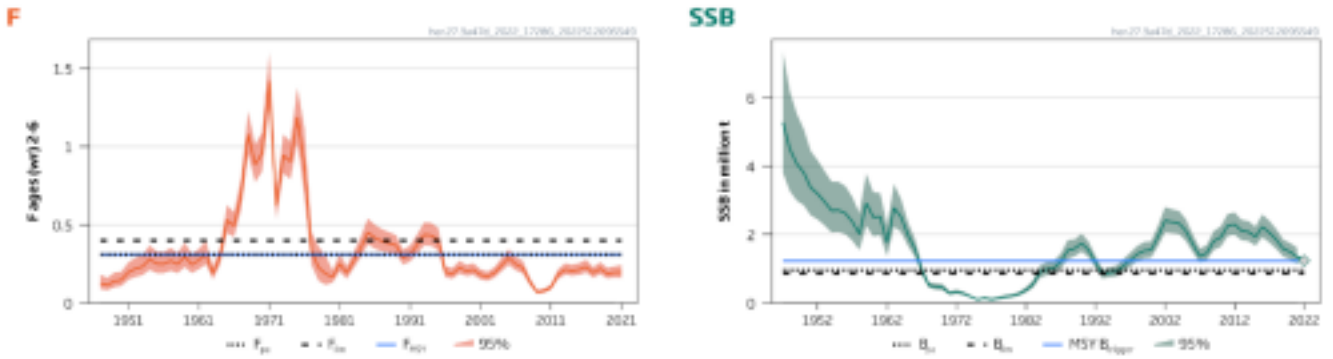


Figure 2. Herring in Subarea 4 and divisions 3.a and 7.d, autumn spawners. Summary of the stock assessment. The grey diamond in the SSB plot is a predicted number for 2022 at spawning time. wr is winter ring.  
Source: ICES 2022.

Therefore, the species is considered, in its most recent stock assessment, to have a biomass above the limit reference point (or proxy), so it PASSES clause C1.2.

**References**

ICES. 2022. 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, 2022. ICES Advice 2022, her.27.3a47d, <https://doi.org/10.17895/ices.advice.19447985>.

**Links**

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