



## MarinTrust Standard V2

### By-product Fishery Assessment

### Herring (*Clupea harengus*) in FAO 27, ICES division 7.a, North of 52°30'N (Irish Sea)

**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 division 7.a, north of 52°30'N (Irish Sea)
Date	5 April 2023	
Report Code	GRB10	
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 division 7.a, north of 52°30'N (Irish Sea)
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 division 7.a, north of 52°30'N (Irish Sea), 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. 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 division 7.a, north of 52°30'N (Irish Sea), 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 herring in ICES division 7.a, north of 52°30'N (Irish Sea) 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>Herring in ICES division 7.a, north of 52°30'N (Irish Sea) 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 division 7.a, north of 52°30'N (Irish Sea)	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.

<b>Species Name</b>		<b>Herring (<i>Clupea harengus</i>)</b>	
<b>C1</b>	<b>Category C Stock Status - Minimum Requirements</b>		
	<b>C1.1</b>	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
	<b>C1.2</b>	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 7309 tonnes.

The assessment is an age-based analytical assessment (FLSAM) that uses catches in the model and in the forecast.

The input data considered in the last stock assessment are the following: Two survey indices (Northern Ireland Acoustic Surveys: AC [Division 7.a North; A2002] and SSB acoustic survey included as an absolute index [A4705]); commercial catch-at-age data and annual maturity ogives; annual stock weights from AC (Division 7.a North).

Discarding is considered to be negligible.

Catches are presented in the figure below:

### Catches

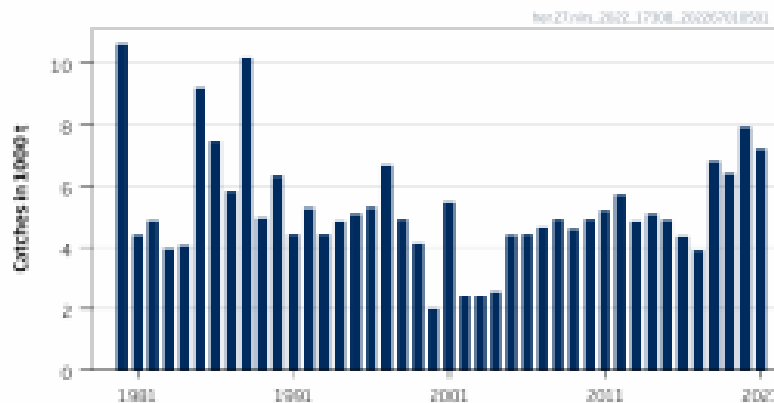


Figure 1. Catches for herring in division 7.a, north of 52°30'N.

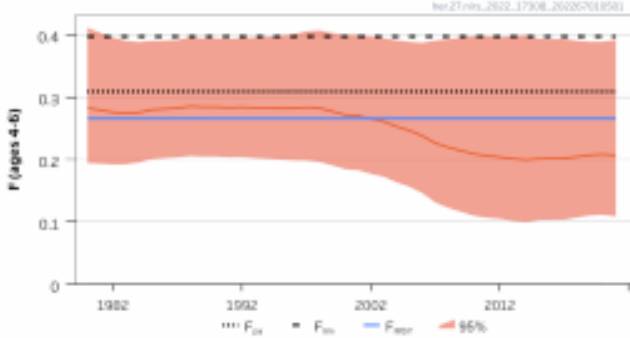
Source: ICES 2022.

**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  $B_{lim}$ .

### Fat ages (wr) 4-6



### SSB

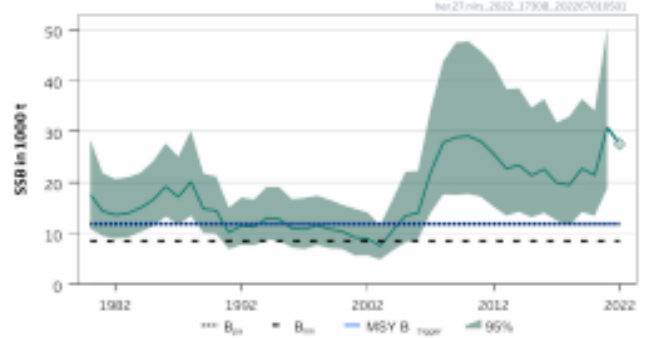


Figure 2. Herring in Division 7.a, north of 52°30'N. Summary of the stock assessment. The predicted SSB is shown with a grey diamond. (WR is winter ring).  
Source: ICES 2022.

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 Division 7.a North of 52°30'N (Irish Sea). In Report of the ICES Advisory Committee, 2022. ICES Advice 2022, her.27.nirs. <https://doi.org/10.17895/ices.advice.19448006>.

#### Links

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