



MarinTrust Standard V2

By-product Fishery Assessment Report Template

MarinTrust Programme

Unit C, Printworks

22 Amelia Street

London

SE17 3BZ

E: standards@marin-trust.com

T: +44 2039 780 819

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:	Denmark and Poland
	Stock:	ICES in subdivisions 25–29 and 32, excluding the Gulf of Riga (central Baltic Sea)
Date	07/10/2021	
Report Code	BP198	
Assessor	Virginia Polonio	
Country of origin of the product - PASS	Denmark and Poland	
Country of origin of the product - FAIL	NA	

Application details and summary of the assessment outcome			
Name: Scanbio Ingredients AS			
Address:			
Country: Denmark		Zip:	
Tel. No.:		Fax. No.:	
Email address: pal.rostad@scanbio.com		Applicant Code:	
Key Contact:		Title:	
Certification Body Details			
Name of Certification Body:		Global Trust certification	
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/ Re-approval
Virginia Polonio	Geraldine Criquet	0.5	Initial
Assessment Period	To October 2021		

Scope Details	
Main Species	Herring (<i>Clupea harengus</i>)
Stock	ICES in subdivisions 25–29 and 32, excluding the Gulf of Riga (central Baltic Sea)
Fishery Location	FAO Area 27, Northeast Atlantic
Management Authority (Country/ State)	European Commission (EC), Danish Directorate of Fisheries (Fiskeristyrelsen) and Polish Fisheries Department (Department Rybołówstwa)
Gear Type(s)	Pelagic trawls , gillnets, purse seines and trapnets
Outcome of Assessment	
Peer Review Evaluation	Agree with the assessor’s recommendation of approval
Recommendation	APPROVED

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 Marintrust raw material Herring (<i>Clupea harengus</i>) do not appear as Endangered or Critically Endangered on IUCN’s Red List, nor do they appear in CITES appendices; therefore, Herring is eligible for approval for use as IFFO RS by-product raw material.</p> <p>This stock is shared between the EU and Russia. An EU multiannual plan (MAP) in place for stocks in the Baltic Sea includes herring (EU, 2016, 2019). The advice, based on the FMSY ranges used in the management plan, is considered precautionary. Russia does not have a management plan for this stock. Reference points are defined for this stock therefore it has been assessed under category C.</p> <p>Removals of the species are taken into consideration in the stock assessment and the 2021 stock assessment the biomass was above Blim reference point. Therefore, the stock passes both clauses C1.1 and C1.2.</p> <p>In order to approve, the stock needs to pass all C clauses, as it is the case here, Herring in ICES in subdivisions 25–29 and 32, excluding the Gulf of Riga (central Baltic Sea) 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 assessor correctly classified the Central Baltic Sea herring stock as category C, reference points are defined to assess status of the stock relative to.</p> <p>Fishery removals are included in the stock assessment process so the stock PASSES Clause C1.1. The Central Baltic Sea herring 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, Central Baltic Sea herring should be 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 an 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>	ICES in subdivisions 25–29 and 32, excluding the Gulf of Riga (central Baltic Sea)	European Commission (EC), Danish Directorate of Fisheries (Fiskeristyrelsen) and Polish Fisheries Department (Department Rybołówstwa)	C	LC	No

¹ <https://www.iucnredlist.org/>

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

CATEGORY C SPECIES

In a whole fish assessment, Category C species are those which make up less than 5% of landings, but which are subject to a species-specific management regime. In most cases this will be because they are a commercial target in a fishery other than the one under assessment.

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>) in subdivisions 25–29 and 32, excluding the Gulf of Riga (central Baltic Sea)	
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
<p>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> <p>The input data used in the last stock assessment were as follows: commercial catches (international landings, age distributions from catch sampling); one survey acoustic index (BIAS A1588); natural mortalities from multispecies model (SMS) until 2018, 2019 = 2018 (ICES, 2019), 2020 from regression with eastern Baltic cod biomass of individuals ≥ 20 cm, fixed maturity ogive. Discards and bycatch are considered negligible (figure 1)</p>			
<p>Catches</p> <p>her.27.25-2932_2021_14107_202148163607</p>			
<p>Figure 1. Herring in subdivisions 25–29 and 32, excluding the Gulf of Riga. Summary of the stock assessment. SSB at spawning time in 2021 is predicted. Source ICES 2021</p> <p>Therefore, fishery removals of the species in the fishery under assessment are included in the stock assessment process and it PASSES clause c 1.1.</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), OR removals by the fishery under assessment are considered by scientific authorities to be negligible.</p> <p>ICES assesses that fishing pressure on the stock is above FMSY and between F_{pa} and F_{lim} and that spawning-stock size is below MSY Btrigger and between B_{pa} and B_{lim}. (Figure 2)</p>			

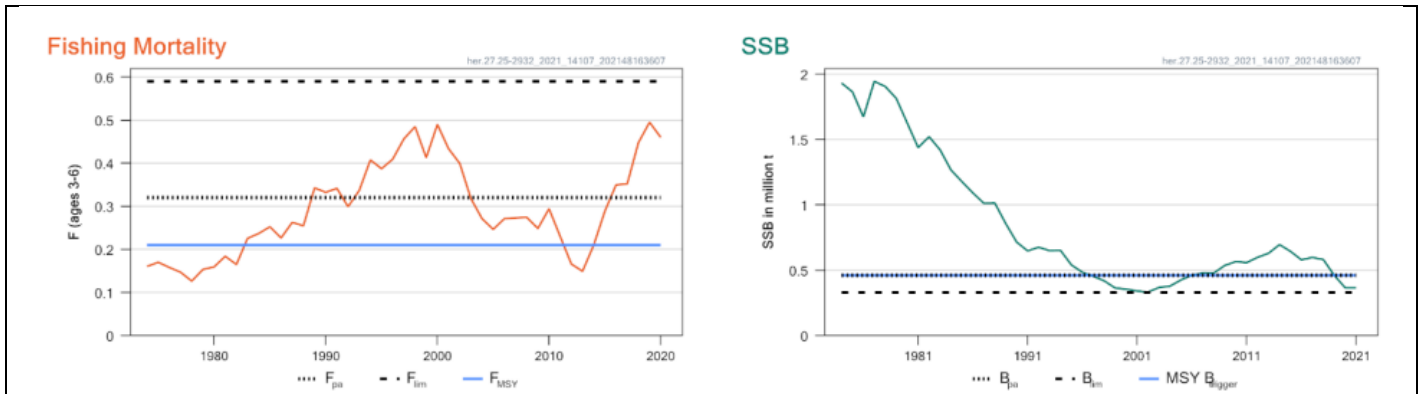


Figure 2. Herring in subdivisions 25–29 and 32, excluding the Gulf of Riga. Summary of the stock assessment. SSB at spawning time in 2021 is predicted. Source ICES 2021

Therefore, the species is considered, in its most recent stock assessment, to have a biomass slightly above the limit reference point (B_{lim}) and it PASSES clause C1.2

References

ICES. 2021. Herring (*Clupea harengus*) in subdivisions 25-29 and 32, excluding the Gulf of Riga (central Baltic Sea). In Report of the ICES Advisory Committee, 2021. ICES Advice 2021, her.27.25-2932. <https://doi.org/10.17895/ices.advice.7767>.

Herdson, D. & Priede, I.G. 2010. *Clupea harengus*. The IUCN Red List of Threatened Species 2010: e.T155123A4717767. <https://dx.doi.org/10.2305/IUCN.UK.2010-4.RLTS.T155123A4717767.en>

Links

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