



MarinTrust Standard V2

By-product Fishery Assessment

Herring (*Clupea harengus*) in FAO 27,
ICES subarea 4 and divisions 3.a & 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, in ICES subarea 4, and divisions 3.a & 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel)
	Country of origin of the product:	Norway
	Stock:	Herring in ICES subarea 4, and divisions 3.a & 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel)
Date	23 June 2023	
Report Code	NOR17	
Assessor	Léa Lebechnech	
Country of origin of the product - PASS	Norway	
Country of origin of the product - FAIL	N/A	

Application details and summary of the assessment outcome			
Company Name(s): TripleNine Vedde AS - Norway			
Country: Norway			
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	Initial
Assessment Period	To June 2023		

Scope Details	
Main Species	Herring (<i>Clupea harengus</i>)
Stock	Herring in ICES subarea 4, and divisions 3.a & 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel)
Fishery Location	FAO Area 27 Northeast Atlantic
Management Authority (Country/ State)	Norway/European Union (Common Fisheries Policy-CFP)
Gear Type(s)	N/A
Outcome of Assessment	
Peer Review Evaluation	Agree with assessor's 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. 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 & 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 a stock assessment for this stock, based on MSY approach, with reference points defined and a TAC set. Therefore, the stock was assessed under Category C.</p> <p>In the last stock assessment, removals are considered, and the stock is above its limit reference point B_{lim}, therefore the stock PASSES clauses C1.1 and C1.2.</p> <p>Consequently, herring (<i>Clupea harengus</i>) in ICES subarea 4, and divisions 3.a & 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel) is APPROVED for the production of fishmeal and fish oil under the Marin Trust Standard v.2.</p>
Fishery Assessment Peer Review Comments
<p>The assessor correctly classified herring (<i>Clupea harengus</i>) in ICES subarea 4, and divisions 3.a & 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel) 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 $B_{trigger}$, B_{pa}, and B_{lim}. Therefore, the stock is considered to have biomass above the limit reference point.</p> <p>Herring (<i>Clupea harengus</i>) in ICES subarea 4, and divisions 3.a & 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel) 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 ¹	CITES Appendix 1 ²
Herring	<i>Clupea harengus</i>	Herring in ICES subarea 4, and divisions 3.a & 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel)	Norway, European Union (CFP)	C	LC ³	No

¹ <https://www.iucnredlist.org/>

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

³ <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
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.

ICES advises that when the MSY approach is applied, catches in 2024 should be no more than 532 166 tonnes. Catches of Western Baltic Spring-Spawning (WBSS) herring in the fishery for North Sea autumn-spawning herring in the east of 4.a and 4.b should be kept as low as possible. ICES advises that no activities on spawning habitats should be allowed unless the effects of these activities have been assessed and shown not to be detrimental. ICES is not aware of any agreed precautionary management plan for herring in this area.

The assessment type is an age-based analytical assessment, SAM 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. 5 survey indices: IBTS-Q1 1-ringer (G1022); IBTSO (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. Discards are not included, they are considered negligible.

Catches are presented in the figure below:

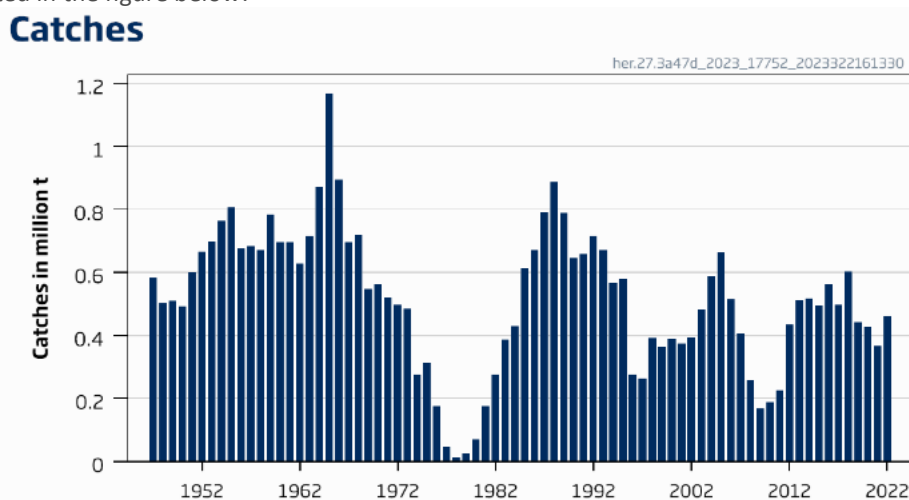


Figure 1. Catches of herring in ICES subarea 4, and divisions 3.a & 7.d, autumn spawners (North Sea, Skagerrak and Kattegat, eastern English Channel).

Source: ICES, 2023.

Therefore, fishery removals of the species in the fishery under assessment are included in the stock assessment process and the stock 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} .

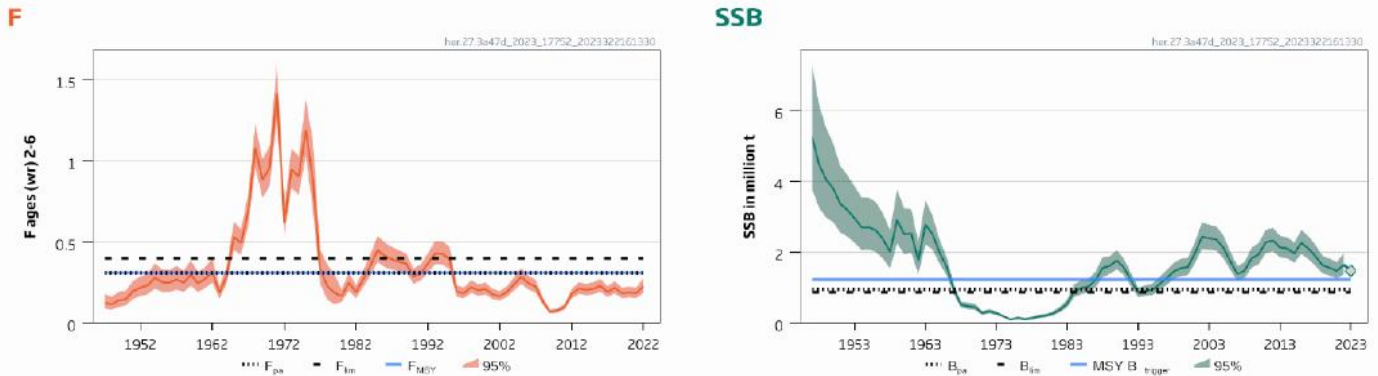


Figure 2. Herring in Subarea 4 and divisions 3.a and 7.d, autumn spawners. Summary of the stock assessment. The grey diamond in the SSB plot is a predicted biomass for 2023 at spawning time. wr is winter ring.
Source: ICES, 2023.

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

References

ICES, 2023. 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, 2023. ICES Advice 2023, her.27.3a47d: <https://doi.org/10.17895/ices.advice.21907947>

Links

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