



MarinTrust Standard V2

By-product Fishery Assessment

NOR16

Haddock (*Melanogrammus aeglefinus*) in ICES Subareas 1 & 2

MarinTrust Programme

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Table 1 Application details and summary of the assessment outcome

Fishery Under Assessment	Species:	Haddock (<i>Melanogrammus aeglefinus</i>)
	Geographical area:	FAO27 – Northeast Arctic
	Country of origin of the product:	Norway
	Stock:	ICES Subareas 1 & 2
Date	June 2024	
Report Code	NOR16	
Assessor	Sam Peacock	
Country of origin of the product - PASS	Norway	
Country of origin of the product - FAIL	None	

Application details and summary of the assessment outcome			
Company Name(s): Pelagia Egersund Sildoljefabrikk, Pelagia Karlsund Protein AS, TripleNine Vedde AS, Lofoten Biomarine AS, Pelagia Måløy Sildoljefabrikk, Pelagia Karlsund Fiskemel, Pelagia Bodø Sildoljefabrikk			
Country: Norway			
Email address:		Applicant Code:	
Certification Body Details			
Name of Certification Body:		NSF / Global Trust Certification Ltd.	
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/Re-approval
Sam Peacock	Léa Lebechnech	0.2	Surveillance 1
Assessment Period	June 2024 – June 2025		

Scope Details	
Main Species	Haddock (<i>Melanogrammus aeglefinus</i>)
Stock	ICES Subareas 1 & 2
Fishery Location	FAO27 – Northeast Arctic
Management Authority (Country/ State)	Norway, Russia, JRNFC
Gear Type(s)	Demersal trawls, gillnets, longlines
Outcome of Assessment	
Peer Review Evaluation	Agree with the assessor's determination
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 Marin trust raw material. Haddock (<i>Melanogrammus aeglefinus</i>) has been categorised by the IUCN as Vulnerable, and it does not appear in the CITES appendices. Therefore, <i>Melanogrammus aeglefinus</i> is eligible for approval for use as Marin trust by-product raw material.</p> <p>Northeast Arctic haddock is managed relative to target and limit reference points and is subject to annual quotas, and was therefore assessed under Category C.</p> <p>Stock assessment activities and management advice for this stock is usually provided by ICES; however since the suspension of Russia from the Council advice is provided by a new Joint Russian-Norwegian Working Group on Arctic Fisheries (JRN-AFWG), which follows the ICES protocols and provides advice on the same basis. The most recent stock assessment was conducted in 2024, using all international landings data, and concluded that stock biomass is above the target and limit reference points.</p> <p>Therefore, haddock (<i>Melanogrammus aeglefinus</i>) in ICES subareas 1 and 2 is APPROVED for the production of fishmeal and fish oil under the current MarinTrust v2.3 by-products.</p>
Fishery Assessment Peer Review Comments
<p>The assessor correctly classified haddock (<i>Melanogrammus aeglefinus</i>) in ICES subareas 1 and 2 under category C, as 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, and the most recent stock assessment shows that the stock is considered to have a biomass above limit reference point. Consequently, the fishery passes both clauses C1.1 and C1.2.</p> <p>Therefore, haddock (<i>Melanogrammus aeglefinus</i>) in ICES subareas 1 and 2 is APPROVED for the production of fishmeal and fish oil under the current MarinTrust V2.3 by-products standards.</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
Haddock	<i>Melanogrammus aeglefinus</i>	ICES Subareas 1 & 2	Yes	C	Vulnerable ³	No

¹ <https://www.iucnredlist.org/>

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

³ <https://www.iucnredlist.org/species/13045/3406968>

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		Haddock (<i>Melanogrammus aeglefinus</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.	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

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.

Stock assessments and catch advice for this stock are usually provided by the ICES Arctic Fisheries Working Group (AFWG). However, in March 2022 all Russian participation in ICES was temporarily suspended. Since that time, advice has been provided by a newly-created Joint Russian-Norwegian Working Group on Arctic Fisheries (JRN-AFWG), which conducts stock assessments using the same methodology as ICES applies. The 2024 stock assessment utilised international catch data, catch-at-age samples, natural mortality estimates, and four survey indices (IMR 2024). The results of the assessment are generally considered reliable. Catches are shown below in Figure 1.

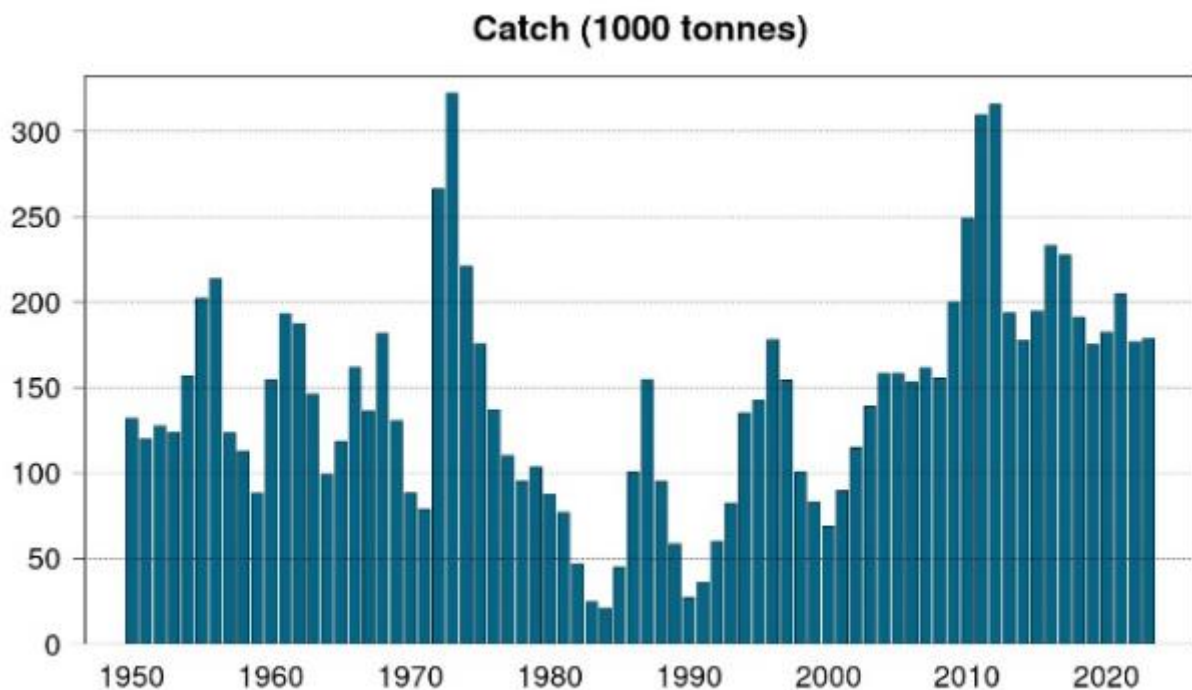


Figure 1. Northeast Arctic haddock, catch (IMR 2024)

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

The 2024 JRN-AFWG report includes an indication of the current status of the stock relative to the established reference points. The target reference point B_{pa} is set at 80,000t, and the limit reference point B_{lim} is set at 50,000t. The report states that “the estimate of SSB for 2024 is 150kt which is above $MSY B_{trigger} = 80,000t$ ” (IMR 2024). Biomass is considered in the most recent assessment to be above both the target and limit reference points (see Figure 2).

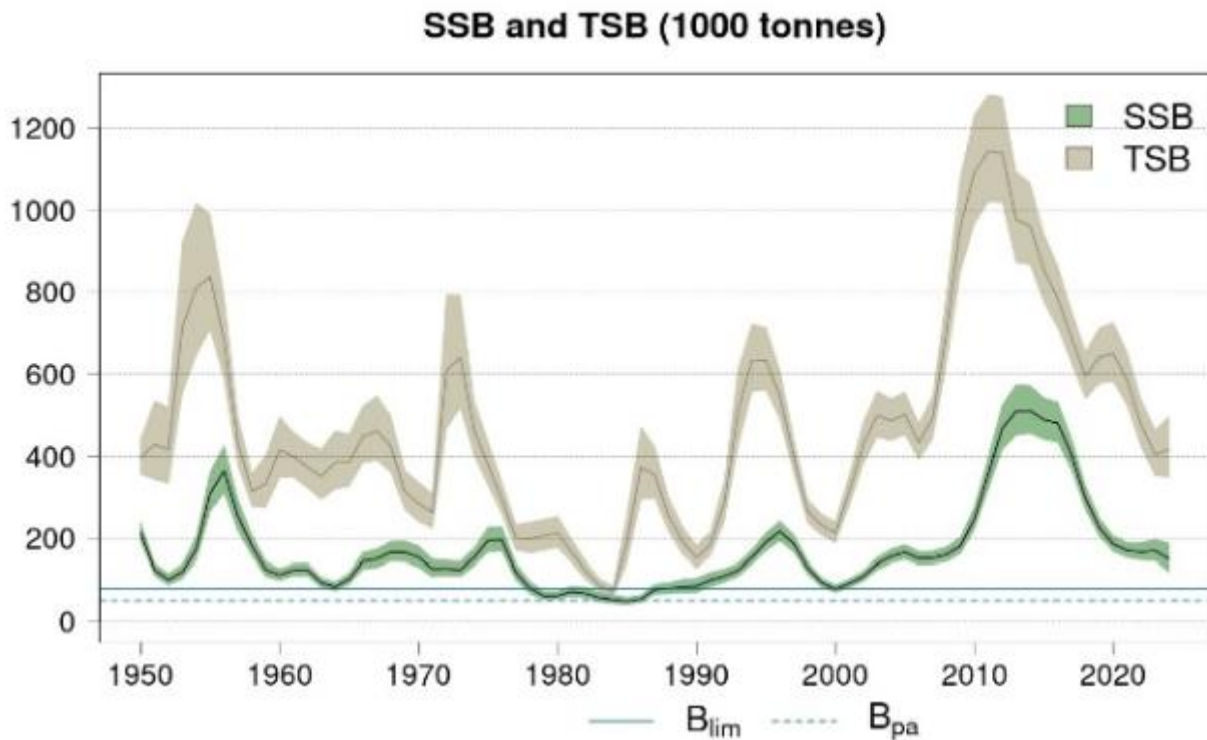


Figure 2. Northeast Arctic haddock, Spawning-Stock Biomass (SSB) and Total Stock Biomass for ages 3+ (TSB) relative to current target and limit reference points (IMR 2024)

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

References

IMR (2024). Report of the Joint Russian-Norwegian Working Group on Arctic Fisheries (JRN-AFWG) 2024. <https://www.hi.no/hi/nettrapporter/imr-pinro-2024-7>

Links

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