



MarinTrust Standard V2

By-product Fishery Assessment *Haddock (Melanogrammus aeglefinus)* *in ICES Divisions 7b–k*

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:	FAO Area 27 North East Atlantic
	Country of origin of the product:	U.K. & Ireland
	Stock:	Haddock (<i>Melanogrammus aeglefinus</i>) in ICES Divisions 7b–k
Date	March 2022	
Report Code	BP037	
Assessor	Vito Romito	
Country of origin of the product - PASS	U.K. & Ireland	
Country of origin of the product - FAIL		

Application details and summary of the assessment outcome			
Company Name(s): Pelagia			
Country: U.K. & Ireland			
Email address:		Applicant Code:	
Certification Body Details			
Name of Certification Body:		Global Trust Certification	
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/ Re-approval
Vito Romito	Ivan Mateo	0.5	Surveillance 2
Assessment Period	To March 2022		

Scope Details	
Main Species	Haddock (<i>Melanogrammus aeglefinus</i>)
Stock	Haddock (<i>Melanogrammus aeglefinus</i>) in ICES Divisions 7b–k
Fishery Location	FAO Area 27 North East Atlantic
Management Authority (Country/ State)	EU CFP
Gear Type(s)	All
Outcome of Assessment	
Peer Review Evaluation	Agree with Assessor assessment
Recommendation	Approve

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>) is neither listed as Endangered or Critically Endangered on IUCN's Red List, nor listed in CITES appendices; therefore, it is eligible for approval for use as Marin Trust by-product raw material.</p> <p>ICES is aware of the multiannual management plan (MAP) which has been adopted by the EU for this stock (EU, 2019) and which ICES considers to be precautionary. There is no agreed shared management plan with UK for this stock, and ICES provides advice according to ICES MSY approach. Catch scenarios consistent with the MAP FMSY ranges are provided. ICES advises that when the MSY approach is applied, catches in 2022 should be no more than 15 946 tonnes.</p> <p>The stock is assessed by ICES and therefore assessed as a Category C here. Fishing pressure on the stock is below FMSY and spawning-stock size is above MSY Btrigger, Bpa, and Blim. Therefore, this haddock stock 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 haddock (<i>Melanogrammus aeglefinus</i>) in ICES Divisions 7b–k as category C, 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. The most recent stock assessment shows that the stock is considered to have a biomass well above the limit reference point.</p> <p>Therefore, Haddock (<i>Melanogrammus aeglefinus</i>) in ICES Divisions 7b–k fishery passes both C1.1 and C1.2 and therefore the Haddock (<i>Melanogrammus aeglefinus</i>) in ICES Divisions 7b–k is approved</p>
Notes for On-site Auditor
NA

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>	Haddock in ICES Divisions 7b–k	EU CFP	C	LC	No

¹ <https://www.iucnredlist.org/>

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

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		
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
<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 stock is assessed with an age-based stochastic analytical assessment (SAM; ICES, 2021b). Inputs include commercial catches (age composition of landings and discards); vector autoregressive spatio-temporal (VAST) standardized survey index (combined IGFS-WIBTS-Q4 [G7212] and EVHOE-WIBTS-Q4 [G9527]); maturity data (surveys and observer data; constant for all years); age-dependent natural mortality (Lorenzen, 1996). Discards and bycatch are included in the assessment for the full time-series (full observer-based estimates from 2005, partial observer-based estimates from 1993 to 2004). Fishery removals of the species in the fishery under assessment are included in the stock assessment process, C1.1 is met.</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>Fishing pressure on the stock is below FMSY and spawning-stock size is above MSY Btrigger, Bpa, and Blim, as shown below.</p>				
<p>Catches</p>		<p>Recruitment (age 0)</p>		
<p>F</p>		<p>SSB</p>		
<p>Figure 1. Haddock in divisions 7.b-k. Summary of the stock assessment. The assumed recruitment value for 2021 is shaded in a lighter colour (ICES 2021).</p>				

The species is considered, in its most recent stock assessment, to have a biomass above the limit reference point. C1.2 is met.

References

CITES. 2022. Cites Appendix 1. <https://cites.org/eng/app/appendices.php>

Cook, R., Fernandes, P., Florin, A., Lorange, P. & Nedreaas, K. 2015. Melanogrammus aeglefinus. The IUCN Red List of Threatened Species 2015: e.T13045A45097487. Accessed on 24 March 2023.

ICES. 2021. Haddock (Melanogrammus aeglefinus) in Divisions 7.b-k (southern Celtic Seas and English Channel). In Report of the ICES Advisory Committee, 2021. ICES Advice 2021, had.27.7b-k. <https://doi.org/10.17895/ices.advice.7764>.

Links

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