



## MarinTrust Standard V2

### By-product Fishery Assessment Haddock (*Melanogrammus aeglefinus*) in ICES Division 6.b (Rockall)

**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 27 Northeast Atlantic
	Country of origin of the product:	Flag country: France
	Stock:	Haddock in ICES Division 6.b (Rockall)
Date	12 September 2022	
Report Code	FRA31	
Assessor	Léa Lebechnech	
Country of origin of the product - PASS	Flag country: France	
Country of origin of the product - FAIL	NA	

Application details and summary of the assessment outcome			
Company Name(s): BIOCEVAL SAS: Concarneau, Copalis Industrie			
Country: France			
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 days	Surveillance 2
Assessment Period	To September 2022		

Scope Details	
Main Species	Haddock, <i>Melanogrammus aeglefinus</i>
Stock	Haddock in ICES Division 6.b (Rockall)
Fishery Location	FAO 27 Northeast Atlantic
Management Authority (Country/ State)	European Union Common Fisheries Policy France: Direction des pêches maritimes et de l'aquaculture (DPMA)
Gear Type(s)	Demersal trawls
Outcome of Assessment	
Peer Review Evaluation	Agree with recommendation
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.</p> <p>Haddock (<i>Melanogrammus aeglefinus</i>) is neither listed as Endangered or Critically Endangered on IUCN's Red List ("vulnerable"), nor listed in CITES appendices; therefore, haddock is eligible for approval for use as Marin Trust by-product raw material.</p> <p>There is no agreed management plan for haddock in this area. Two management strategies (NEAFC and EU MAP) have been assessed to be precautionary. NEAFC has requested ICES to evaluate the harvest control rules (HCRs) that use <math>F_{MSY}</math> as a target. ICES concluded that the NEAFC HCRs in the long-term management strategy for Rockall haddock were consistent with the precautionary approach (ICES, 2019a).</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, whilst no shared management plan there is evidence of management of major part of stock in that UK set quota and EU set quota through MAP.</p> <p>Also, Rockall box closed area agreed for NEAFC waters to protect juvenile haddock, closed to all fishing except long-lines.</p> <p>Further, ICES provides advice according to ICES MSY approach. With all these management measures in place it can be confirmed that there is a management species specific in place. Catch scenarios consistent with the MAP <math>F_{MSY}</math> ranges are provided, and the fishery has been assessed under category C.</p> <p>Fisheries removals are considered in the stock assessment and the stock has been above biomass reference points, so clauses C1.1 and C1.2 are met.</p> <p>Therefore, haddock in ICES Division 6.b (Rockall) is <b>APPROVED</b> for the production of fishmeal and fish oil under the current Marin Trust v 2.0 by-products standard.</p>
Fishery Assessment Peer Review Comments
<p>The internal peer reviewer agrees with the assessor's determination, who correctly classified haddock (<i>Melanogrammus aeglefinus</i>) in FAO Division 6.b under Category C, as reference points are defined to assess status of stock relative to, and there is a specific management regime in place.</p> <p>Fishery removals are included in the stock assessment and it PASSES Clause C1.1. The stock is considered, in its most recent assessment, to have biomass above the proxy biomass reference point, it PASSES Clause C1.2.</p> <p>Therefore, haddock (<i>Melanogrammus aeglefinus</i>) in FAO Division 6.b is <b>APPROVED</b>.</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 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 <sup>1</sup>	CITES Appendix 1 <sup>2</sup>
Haddock	<i>Melanogrammus aeglefinus</i>	ICES Division 6.b (Rockall)	European Union Common Fisheries Policy / France Direction des pêches maritimes et de l'aquaculture (DPMA)	C	VU	No

<sup>1</sup> <https://www.iucnredlist.org/>

<sup>2</sup> <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 ( <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.	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
ICES did not publish its 2022 advice for 2023 yet, so the following information mainly remains the same as in the previous report.			
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 2022 should be no more than 5825 tonnes. The advice for 2022 was lower than the advice for 2021 because the perception of the stock has been revised downwards.			
ICES notes the existence of a precautionary management plan, developed and adopted by some of the relevant management authorities for this stock.			
In the last stock assessment, the input data were as follows: Commercial landings, estimated discards, age composition of catches; one survey index (Rock-WIBTS-Q3 [G4436]); fixed maturity ogive (knife-edge at age 3), fixed natural mortality (0.2) (ICES, 2022).			
Discards and bycatch are included in the assessment.			
Latest stock assessment information is shown in Figure 1 below.			



**Figure 1** Haddock in Division 6.b. Summary of the stock assessment.

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

ICES provides advice based on the MSY approach because no existing precautionary management plan has been agreed by the relevant management authorities (EU, UK, and NEAFC). The spawning-stock biomass is projected to increase significantly in 2023 because the large 2020 year-class (age 1 in 2021) will all become mature.

Fishing pressure on the stock is above  $F_{MSY}$  but below,  $F_{pa}$  and  $F_{lim}$ ; spawning-stock size is above  $MSY B_{trigger}$ ,  $B_{pa}$ , and  $B_{lim}$  (Figure 1 above, lower right panel).

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

Sobel, J. 1996. *Melanogrammus aeglefinus*. The IUCN Red List of Threatened Species 1996: e.T13045A3406968. <https://dx.doi.org/10.2305/IUCN.UK.1996.RLTS.T13045A3406968.en>.

ICES. 2021. Haddock (*Melanogrammus aeglefinus*) in Division 6.b (Rockall). In Report of the ICES Advisory Committee, 2021. ICES Advice 2021, had.27.6b. <https://doi.org/10.17895/ices.advice.7762>.

## Links

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