



## MarinTrust Standard V2

# By-product Fishery Assessment Haddock ICES Div. 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:	FAO Area 27 Atlantic Northeast, ICES Subareas 1 and 2 (Northeast Arctic)
	Country of origin of the product:	Russia, Norway
	Stock:	Northeast Arctic haddock (ICES Subareas 1 and 2)
Date	26 May 2021	
Report Code	BP97	
Assessor	Geraldine Criquet	
Country of origin of the product - PASS	Russia, Norway	
Country of origin of the product - FAIL	NA	

Application details and summary of the assessment outcome			
Name: Thien Quynh Co Ltd			
Address:			
Country: Vietnam		Zip:	
Tel. No.:		Fax. No.:	
Email address:		Applicant Code:	
Key Contact:		Title:	
Certification Body Details			
Name of Certification Body:		Global Trust Certification	
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/ Re-approval
Geraldine Criquet	Virginia Polonio	0.5	Initial
Assessment Period	May 2021		

Scope Details	
Main Species	Haddock, <i>Melanogrammus aeglefinus</i>
Stock	Northeast Arctic haddock (ICES Subareas 1 and 2)
Fishery Location	FAO Area 27 Atlantic Northeast, ICES Subareas 1 and 2 (Northeast Arctic)
Management Authority (Country/ State)	EU/Common Fisheries Policy and Joint Norwegian-Russian Commission
Gear Type(s)	Trawls (66%), longline (22%) and other gears (12%).
Outcome of Assessment	
Peer Review Evaluation	Agree with 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>) is not listed as Endangered or Critically Endangered on IUCN’s Red List, nor it is listed in CITES appendices. Therefore, haddock (<i>Melanogrammus aeglefinus</i>) in ICES Subareas 1 and 2 (Northeast Arctic) is eligible for approval for use as MARIN TRUST by-product raw material.</p> <p>Haddock in ICES Subareas 1 and 2 is subject to specific management and reference points are available to assess the stock status relative to. Therefore, the stock is categorised as Category C.</p> <p>Fishery removals of the stock are considered in the various stock assessment processes so it <b>PASSES</b> Clause C1.1.</p> <p>According the most recent ICES advice, the spawning stock biomass is above <math>B_{lim}</math> and <math>MSYB_{trigger}</math>, it <b>PASSES</b> Clause C1.2.</p> <p>In order to be approved, the stock under assessment must pass both Clauses C1.1 and C1.2. Haddock (<i>Melanogrammus aeglefinus</i>) in ICES Subareas 1 and 2 (Northeast Arctic) passes both Clauses C1.1 and C1.2, and therefore is APPROVED by the assessor for the production of fishmeal and fish oil under the current Marin Trust v.2.0 by-product Standard.</p>
Fishery Assessment Peer Review Comments
<p>The stock has been correctly identified under category C.</p> <p>Removals are considered in the stock assessment and the stock is above limits in the last stock assessment. However, the country of origin is not clearly defined.</p> <p>The PR agrees with the assessor’s determination, but the country need to be clarified.</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 <sup>1</sup>	CITES Appendix 1 <sup>2</sup>
Haddock	<i>Melanogrammus aeglefinus</i>	Haddock in ICES Subareas 1 and 2 (Northeast Arctic)	EU/Common Fisheries Policy and Joint Norwegian-Russian Commission	C	LC	No

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

<sup>2</sup> <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.

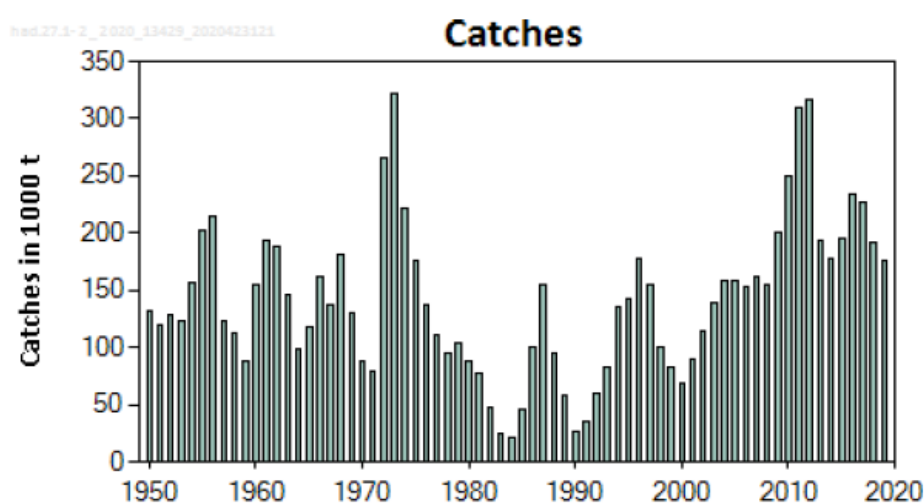
Clause C1 should be completed for **each** Category C species. If there are no Category C species in the fishery under assessment, this section can be deleted. Where a species fails this Clause, it should be assessed as a Category D species instead.

Species Name		
<b>C1</b>	<b>Category C Stock Status - Minimum Requirements</b>	
	<b>C1.1</b> 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
	<b>C1.2</b> 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
<b>Clause outcome:</b>		<b>PASS</b>

**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.**

Commercial landings (international landings, ages, and length frequencies from catch sampling) are included in the stock assessment process. Figure 1 shows catches for the 1950-2020 period.

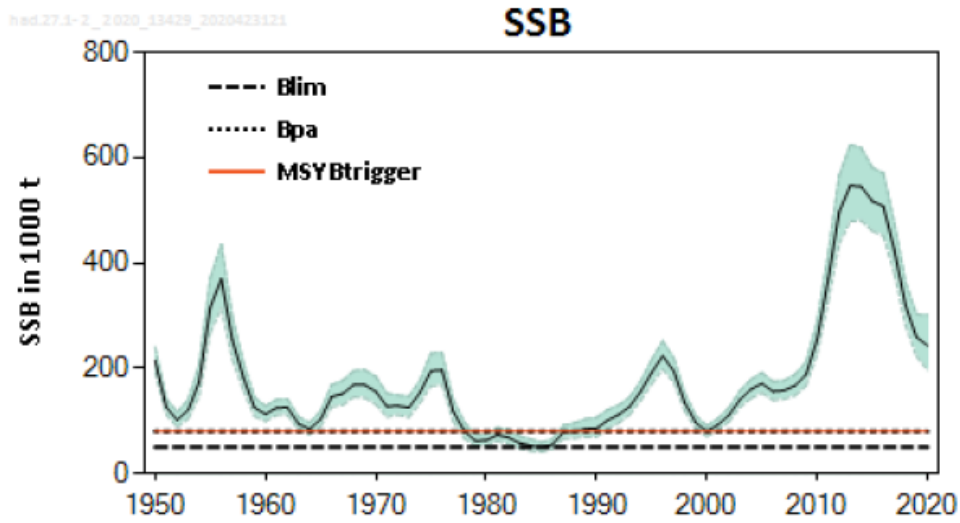
Therefore, the stock **PASSES** Clause C1.1.



**Figure 1.** Catches of haddock in ICES Subareas 1 and 2.

**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 most recent ICES advice was published in June 2020. The SSB has been above  $B_{lim}$  and  $MSY B_{trigger}$  since 1989 (Figure 2). The stock is at its full reproductive capacity (Table 4). Therefore, it **PASSES** Clause C1.2



**Figure 2.** Haddock in ICES Subarea 1 and 2 Summary of the stock assessment.

**Table 4.** Haddock in ICES Subareas 1 and 2. State of the stock and the fishery relative to reference points.

		Fishing pressure			Stock size			
		2017	2018	2019	2018	2019	2020	
Maximum sustainable yield	$F_{MSY}$	✓	✗	✗ Above	$MSY$ $B_{trigger}$	✓	✓	✓ Above trigger
Precautionary approach	$F_{pa}, F_{lim}$	✓	✓	✓ Harvested sustainably	$B_{pa}, B_{lim}$	✓	✓	✓ Full reproductive capacity
Management plan	$F_{MGT}$	✓	✗	✗ Above	$B_{MGT}$	✓	✓	✓ Above

**References**

Cook, R., Fernandes, P., Florin, A., Lorange, P. & Nedreaas, K. 2015. *Melanogrammus aeglefinus*. *The IUCN Red List of Threatened Species* 2015: e.T13045A45097487. Downloaded on 05 May 2021.  
<https://www.iucnredlist.org/species/13045/45097487>

ICES. 2020. Haddock (*Melanogrammus aeglefinus*) in subareas 1 and 2 (Northeast Arctic). In Report of the ICES Advisory Committee, 2020. ICES Advice 2020, had.27.1-2. <https://doi.org/10.17895/ices.advice.5948>.  
<https://www.ices.dk/sites/pub/Publication%20Reports/Advice/2020/2020/had.27.1-2.pdf>

**Links**

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