



MarinTrust Standard V2

By-product Fishery Assessment Report Template

MarinTrust Programme

Unit C, Printworks

22 Amelia Street

London

SE17 3BZ

E: standards@marin-trust.com

T: +44 2039 780 819

Table 1 Application details and summary of the assessment outcome

Fishery Under Assessment	Species:	Pollack, <i>Pollachius pollachius</i>
	Geographical area:	FAO Area 27 Northeast Atlantic
	Country of origin of the product:	U.K. & Ireland
	Stock:	Pollack in subareas 6-7 (Celtic Seas and the English Channel)
Date	20 April 2021	
Report Code	BP57	
Assessor	Geraldine Criquet	
Country of origin of the product - PASS	U.K. & Ireland	
Country of origin of the product - FAIL	NA	

Application details and summary of the assessment outcome			
Address:			
Country: U.K. & Ireland		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	Surveillance 1
Assessment Period	April 2021		

Scope Details	
Main Species	Pollack, <i>Pollachius pollachius</i>
Stock	Pollack in subareas 6-7 (Celtic Seas and the English Channel)
Fishery Location	FAO Area 27 Northeast Atlantic
Management Authority (Country/ State)	EU Common Fisheries Policy / U.K. & Ireland
Gear Type(s)	Gillnets, demersal trawls, beam trawls, seines
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 MARINTRUST raw material. Pollack (<i>Pollachius pollachius</i>) is not listed as Endangered or Critically Endangered on IUCN’s Red List, nor it is listed in CITES appendices; therefore, pollack in subareas 6-7 is eligible for approval for use as MARIN TRUST by-product raw material.</p> <p>This stock is not subject to specific research and management regime, and reference points are not defined. Therefore, it is classified as Category D.</p> <p>Due to the lack of scientific information on the stock status, a risk-assessment style approach was taken. The fishery was assessed using the risk-based Productivity, Susceptibility Analysis (PSA) approach as per Marin Trust v 2.0 procedures for Category D species.</p> <p>With an average productivity score of 1.86 and an average susceptibility score of 3, Table D4 was scored. The fishery has achieved a PASS in both clauses D4.1 and D4.2.</p> <p>Pollack in subareas 6-7 is thus 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>There is a TAC for the species however there is no species-specific management plan and there are no reference points defined. Therefore, the assessor has categorised correctly the species and it has been assessed under category D as per Marin Trust guidelines.</p> <p>Table D4 has been scored and there are evidences that potential impacts are minimised with a TAC and there is no evidence of negative impacts. Consequently, the PR agrees with the assessor’s determination and Pollack in subareas 6-7 is thus APPROVED by the assessor for the production of fishmeal and fish oil under the current Marin Trust v.2.0 by-product Standard.</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 ¹	CITES Appendix 1 ²
Pollack	<i>Pollachius pollachius</i>	Pollack in subareas 6-7	EU / U.K. and Ireland	D	LC	No

¹ <https://www.iucnredlist.org/>

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

CATEGORY D SPECIES

Category D species are those which make up less than 5% of landings and are not subject to a species-specific management regime. In the case of mixed trawl fisheries, Category D species may make up the majority of landings. The comparative lack of scientific information on the status of the population of the species means that

D1	Species Name	<i>Pollack, Pollachius pollachius</i>		
	Productivity Attribute	Value	Score	
	Average age at maturity (years)	2.7	2	
	Average maximum age (years)	11.5	2	
	Fecundity (eggs/spawning)	26,000-600,000	1	
	Average maximum size (cm)	130	2	
	Average size at maturity (cm)	41.0	2	
	Reproductive strategy	Open water / egg scatterers	1	
	Mean trophic level	4.2	3	
	Average Productivity Score		1.86	
	Susceptibility Attribute	Value	Score	
	Overlap of adult species range with fishery	>50% of the stock occurs in area fished	3	
	Distribution	Not scored if overlap scored	N/A	
	Habitat	Not issued as the most conservative score is with depth range	N/A	
	Depth range	40-200, usually 40-100	3	
	Selectivity	Species > 2 times mesh size	3	
	Post-capture mortality	Retained	3	
	Average Susceptibility Score		3	
	PSA Risk Rating (From Table D3)		Table D4	
	Compliance rating		Table D4	
	References			
	Fishbase – Pollack (<i>Pollachius pollachius</i>) https://www.fishbase.se/summary/Pollachius-pollachius.html			
	<i>Standard clauses 1.3.2.2</i>			

a risk-assessment style approach must be taken.

Table D2 - Productivity / Susceptibility attributes and scores.

Productivity attributes	Low productivity/ High risk	Medium productivity/ Medium risk	High productivity/ Low risk
	Score 3	Score 2	Score 1
Average age at maturity (years)	>4	2 to 4	<2
Average maximum age (years)	>30	10 to 30	<10
Fecundity (eggs/spawning)	<1 000	1 000 to 10 000	>10 000
Average maximum size (cm)	>150	60 to 150	<60
Average size at maturity (cm)	>150	30 to 150	<30
Reproductive strategy	Live bearer, mouth brooder or significant parental investment	Demersal spawner "berried"	Broadcast spawner
Mean trophic level	>3.25	2.5–3.25	<2.5

Susceptibility attributes		High susceptibility/ High risk	Medium susceptibility/ Medium risk	Low susceptibility/ Low risk
		Score 3	Score 2	Score 1
Availability	1) Overlap of adult species range with fishery	>50% of stock occurs in the area fished	Between 25% and 50% of the stock occurs in the area fished	<25% of stock occurs in the area fished
	2) Distribution	Only in the country/ fishery	Limited range in the region	Throughout region/ global distribution
Encounterability	1) Habitat	Habitat preference of species make it highly likely to encounter trawl gear (e.g. demersal, muddy/sandy bottom)	Habitat preference of species make it moderately likely to encounter trawl gear (e.g. rocky bottom/reefs)	Depth or distribution of species make it unlikely to encounter trawl gear (e.g. epi-pelagic or meso-pelagic)
	2) Depth range	High overlap with trawl fishing gear (20 to 60 m depth)	Medium overlap with trawl fishing gear (10 to 20 m depth)	Low overlap with trawl fishing gear (0 to 10 m, >70 m depth)
Selectivity		Species >2 times mesh size or up to 4 m length	Species 1 to 2 times mesh size or 4 to 5 m length	Species <mesh size or >5 m length
Post capture mortality		Most dead or retained Trawl tow >3 hours	Alive after net hauled Trawl tow 0.5 to 3 hours	Released alive Trawl tow <0.5 hours

Note: Availability 2 is only used when there is no information for Availability 1; the most conservative score between Encounterability 1 and 2 is used.

D3		Average Susceptibility Score		
		1 - 1.75	1.76 - 2.24	2.25 - 3
Average Productivity Score	1 - 1.75	PASS	PASS	PASS
	1.76 - 2.24	PASS	PASS	TABLE D4
	2.25 - 3	PASS	TABLE D4	TABLE D4

D4	Species Name	Pollack, <i>Pollachius pollachius</i>	
Impacts On Species Categorised as Vulnerable by D1-D3 - Minimum Requirements			
D4.1	The potential impacts of the fishery on this species are considered during the management process, and reasonable measures are taken to minimise these impacts.		PASS
D4.2	There is no substantial evidence that the fishery has a significant negative impact on the species.		PASS
Outcome:			PASS
Evidence			
<p>D4.1: The potential impacts of the fishery on this species are considered during the management process, and reasonable measures are taken to minimise these impacts.</p> <p>Limited data is available for this stock, but sufficient catch data is available that ICES can provide advice (Figure 1). The information is insufficient to evaluate stock status but shows that commercial catches have declined since the late 1980s and in 2018, the most recent year for which information is available, were the lowest in the time series.</p> <p>The EU multiannual plan (MAP) for stocks in the Western Waters and adjacent waters applies to this stock. The plan specifies conditions for setting fishing opportunities, depending on stock status and making use of the F_{MSY} range for the stock. The MAP stipulates that when the F_{MSY} ranges are not available, as is the case for pollack, fishing opportunities should be based on the best available advice.</p> <p>A TAC is set for pollack for each subarea.</p> <p>Therefore, the potential impacts of the fishery on this species are considered during the management process, and reasonable measures are taken to minimise these impacts, it PASSES D4.1.</p>			

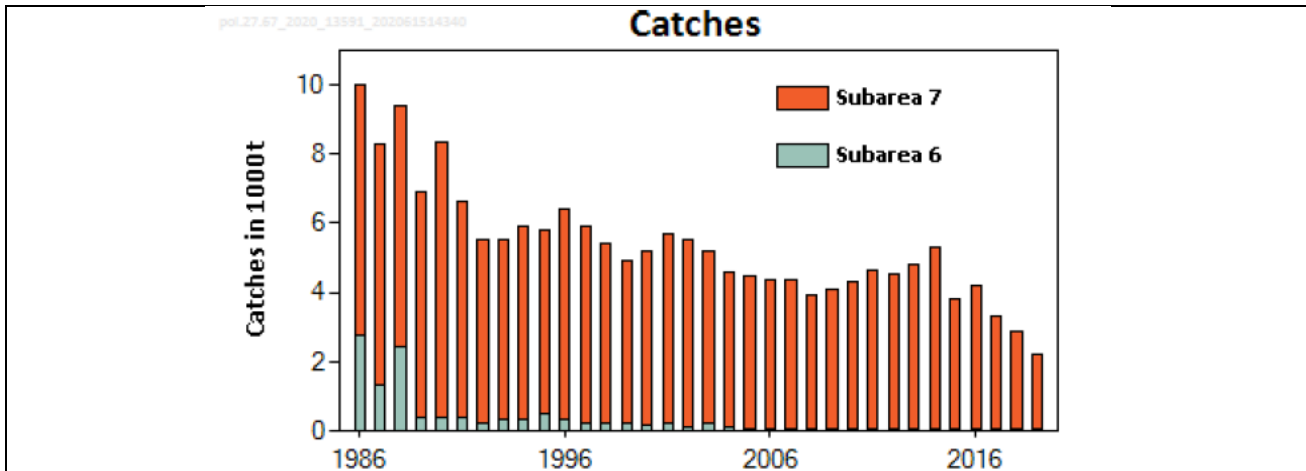


Figure 1. Pollack commercial landings (in thousand tonnes) in subareas 6–7. Landings by subarea, as estimated by ICES (source: ICES, 2020).

D4.2 There is no substantial evidence that the fishery has a significant negative impact on the species.

ICES catch advice for 2019 was no more than 3,360 t. A Total Allowable Catch (TAC) was set for pollack within EU waters including separate TACs for pollack in ICES subarea 6 and subarea 7. In 2019, the fishing opportunities for pollack were set at a total TAC of 397t for subarea 6 and 12,163t for subarea 7. This is in excess of the ICES advice which has also been the case since 2015. However, total commercial catches have been lower than the ICES catch advice since 2015.

Therefore, there is no substantial evidence that the fishery has a significant negative impact on the stock, it **PASSES D4.2.**

References

ICES advice – Pollack (*Pollachius pollachius*) in subareas 6-7 (Celtic Seas and the English Channel), published 30 June 2020

<https://www.ices.dk/sites/pub/Publication%20Reports/Advice/2020/2020/pol.27.67.pdf>

Cook, R., Fernandes, P., Florin, A., Lorange, P. & Nedreaas, K. 2014. *Pollachius pollachius*. *The IUCN Red List of Threatened Species* 2014: e.T18125103A45098355.

<https://dx.doi.org/10.2305/IUCN.UK.2014-3.RLTS.T18125103A45098355.en>

Links

MARINTRUST Standard clause	1.3.2.2, 4.1.4
FAO CCRF	7.5.1
GSSI	D.5.01