



MarinTrust Standard V2

By-product Fishery Assessment Report Template

MarinTrust Programme

Unit C, Printworks

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Table 1 Application details and summary of the assessment outcome

Fishery Under Assessment	Species:	Pacific Cod, <i>Gadus macrocephalus</i>
	Geographical area:	FAO Area 67 Pacific Northeast
	Flag Country:	USA
	Stock:	Aleutian Island Pacific cod
Date	27/08/2021	
Report Code	BP164	
Assessor	Virginia Polonio	
Applicant Country	Vietnam	
By-product – PASS /FAIL	PASS	

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
Virginia Polonio	Geraldine Criquet	0.5	Re-approval
Assessment Period	To August 2021		

Scope Details	
Main Species	Pacific cod, <i>Gadus macrocephalus</i>
Stock	Aleutian Island Pacific cod
Fishery Location	FAO Area 67 Pacific Northeast
Management Authority (Country/ State)	Alaska Department of Fish and Game (ADF&G) , North Pacific Fishery Management Council (NPFMC)
Gear Type(s)	Bottom trawl, vertical lines and pots
Peer Review Evaluation	
Agreed with the assessor's recommendation of approval	
Recommendation	APPROVED

Table 2. Assessment Determination

Assessment Determination
<p>If a 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.</p> <p>Pacific cod, <i>Gadus macrocephalus</i> is listed on the IUCN Red List as globally Near Threatened (NT) and is not listed in CITES such that Pacific cod derived products are eligible for approval for use as MarinTrust by-product raw material.</p> <p>Since 2014 there is a specific management plan for this stock and reference points are defined. Therefore, the stock was evaluated under category C.</p> <p>Fishery removals of the stock are considered in their respective stock assessment processes such that the fishery PASSES Clause C1.1.</p> <p>In the last stock assessment, the stock is not overfished, and overfishing is not subject to happen, such that the fishery PASSES Clause C1.2.</p> <p>As the stock passes both Clause C1.1 and C1.2, the Aleutian Islands Pacific cod (<i>Gadus macrocephalus</i>) is APPROVED for the production of fishmeal and fish oil under the current MarinTrust v 2.0 by-product standard.</p>
Fishery Assessment Peer Review Comments
<p>The assessor correctly classified Aleutian Islands Pacific cod as category C, reference points are defined to assess status of the stock relative to.</p> <p>Fishery removals are included in the stock assessment process so the stock PASSES Clause C1.1. The Aleutian Islands Pacific cod stock is considered, in its most recent stock assessment, to have a biomass above the limit reference point. Therefore, it PASSES Clause C1.2.</p> <p>Therefore, the Aleutian Islands Pacific cod is APPROVED.</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 Redlist 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
Pacific cod	<i>Gadus macrocephalus</i>	FAO Area 67 Pacific Northeast - Aleutian Islands	Alaska Department of Fish and Game (ADF&G), North Pacific Fishery Management Council (NPFMC)	C	LC	No

¹ <https://www.iucnredlist.org/>

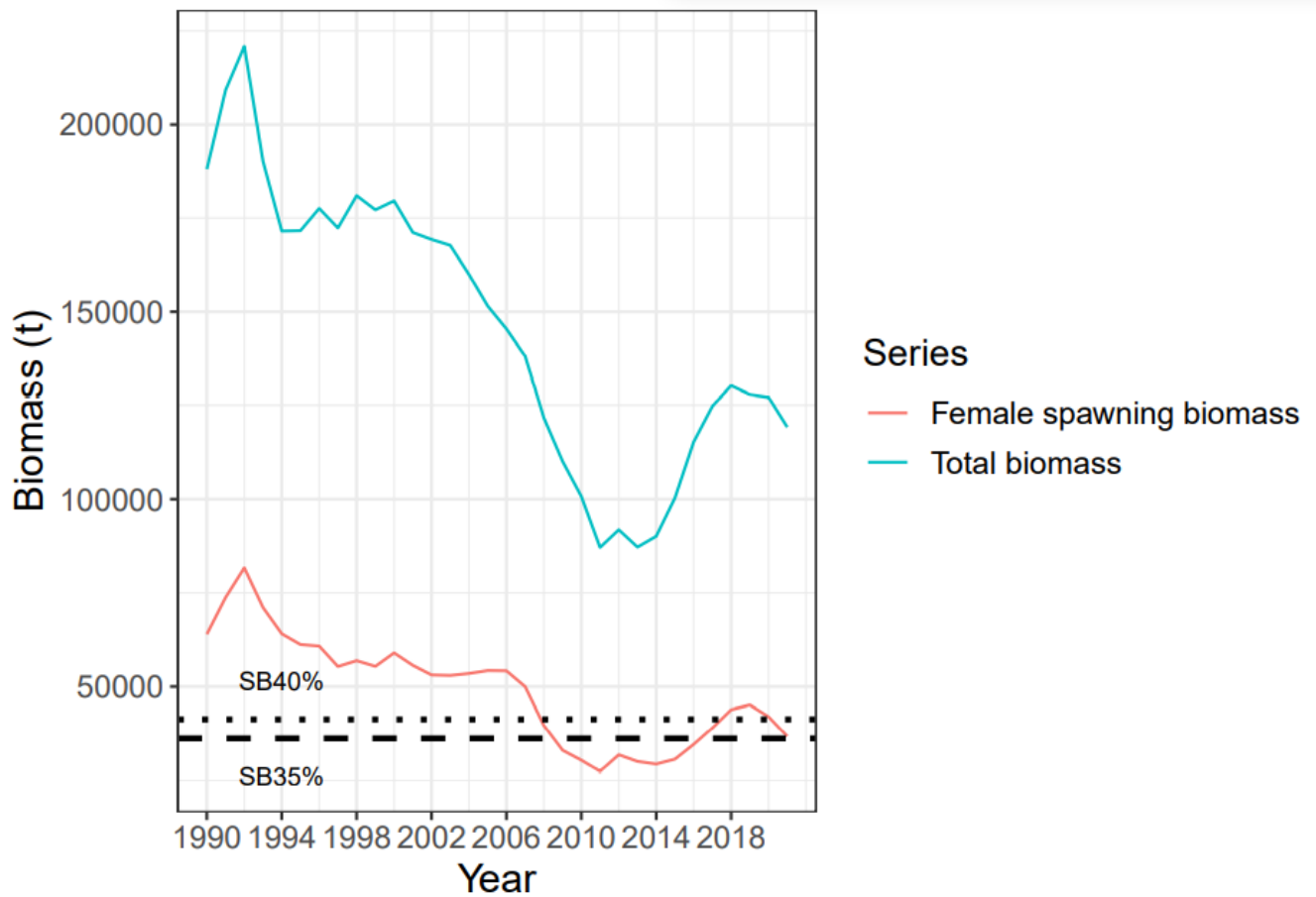
² <https://cites.org/eng/app/appendices.php>

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		Pacific cod, <i>Gadus macrocephalus</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
<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>In the last stock assessment carried out by Spies et al 2020, catch data for 1991-2018 were updated, and preliminary catch data for 2019 were included. There have not been changes in the input data and the stock methodology, removals are split by gear type and all of them are included in the catch composition. Therefore, the data inputs are as follows: biased ages, skipped surveys, fishery-independent trend data and fisheries removals.</p> <p>Therefore, fishery removals of the species in the fishery under assessment are included in the stock assessment process and the clause 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>This stock been assessed using Tier 5 methodology since 2013. Some results of this stock assessment related to SSB are presented in the figure below (figure 1). The official AI catch estimate for the most recent complete year (2018) is 20,414 t. This is less than the 2018 AI OFL of 28,700 t. Therefore, the AI Pacific cod stock is not being subjected to overfishing. However, the biomass is not considered to define the TAC, the figure 1 shows that the total biomass is well above B35% while the female spawning biomass is slightly above this reference point.</p>			



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

References

Spies, I., G. G. Thompson, I. Ortiz, E. Siddon, and W. A. Palsson. 2020. Assessment of the Pacific cod stock in the Aleutian Islands. 41 pp.

MSC. 2021. BSAI and GOA Pacific cod - MSC Fisheries. <https://fisheries.msc.org/en/fisheries/bsai-and-go-pacific-cod/@@view>. <https://fisheries.msc.org/en/fisheries/bsai-and-go-pacific-cod/@@view>

Wilson, E., D. Bowen, J. Rice, and P. Knapman. 2019. Assessments Alaska Pacific cod - Bering Sea and Aleutian Islands - MSC Fisheries. <https://fisheries.msc.org/en/fisheries/alaska-pacific-cod-bering-sea-and-aleutian-islands/@@assessments>

Links

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