MarinTrust Standard V2

By-product Fishery Assessment Report Template

MarinTrust Programme
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Table 1 Application details and summary of the assessment outcome

Fishery Under Assessment	Species:	Alaska pollack, *Gadus chalcogrammus*
	Geographical area:	FAO 61 Pacific Northwest (Sea of Okhotsk)
	Country of origin of the product:	Vietnam
	Stock:	Sea of Okhotsk
Date	16/09/2021	
Report Code	BP96	
Assessor	Virginia Polonio	
Country of origin of the product - PASS	Vietnam (Flag country: Russia)	
Country of origin of the product - FAIL	NA	

Application details and summary of the assessment outcome			
Name: Thien Quynh			
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	Vito Romito	0.5	Re-approval
Assessment Period	To September 2021		

Scope Details	
Main Species	Alaska pollack, *Gadus chalcogrammus*
Stock	Sea of Okhotsk
Fishery Location	FAO 61 Pacific Northwest (Sea of Okhotsk)
Management Authority (Country/ State)	Ministry of Agriculture of the Russian Federation
Gear Type(s)	Demersal trawls
Outcome of Assessment	
Peer Review Evaluation	Approve
Recommendation	**APPROVE**

Table 2. Assessment Determination

Assessment Determination
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. Alaska Pollack (*Gadus chalcogrammus*) does not appear as Endangered or Critically Endangered on IUCN's Red List, nor do they appear in CITES appendices; therefore, Alaska Pollack (*Gadus chalcogrammus*) is eligible for approval for use as MARINTRUST by-product raw material. The Russian Federation undertakes a wide spectrum of scientific research in the northwestern Pacific, including in the Western Bering Sea (WBS), the Sea of Okhotsk and the Japan Sea. The primary tool for management of the Russian Far East pollock fishery is Total Allowable Catch limits set annually for each management sub-area by the Federal Fishery Agency upon the basis of recommendations made by TINRO Center (Pacific Fisheries and Oceanography Institute, Vladivostok), which in turn take into account scientific assessments conducted by TINRO's regional branches in Sakhalin, Kamchatka, and Magadan. Further, Since 2012, maximum sustainable yield-based reference points have been used in stock assessments for this fishery. The following reference points are in effect as of spring 2021: ▪ Btrp = 5,089 thousand tonnes (=BMSY) ▪ Blim = 2,583 thousand tonnes (=Bloss) ▪ Ftrp = 0.235 (=FMSY) ▪ F0 = F adopted under the HCR at SSB<Blim = 10% of Ftrp = 0.024 ▪ Flim = 0.305 (=F35%) Fisheries removals are considered in the stock assessment and the stock has been above biomass reference points in the last stock assessment, therefore, clauses C1.1 and C1.2 are met. Alaska Pollack (*Gadus chalcogrammus*) in FAO 61 is recommended for **APPROVAL** for the production of fishmeal and fish oil under the current MarinTrust RS v 2.0 by-product standard.
Fishery Assessment Peer Review Comments
The reviewer agrees that this stock should be approved for the production of fishmeal and fish oil under the current MarinTrust RS v 2.0 by-product standard.
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]
Alaska pollack	*Gadus chalcogrammus*	FAO 61 Pacific Northwest (Sea of Okhotsk)	Ministry of Agriculture of the Russian Federation	C	NT	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	**Alaska Pollack, *Gadus chalcogrammus***	
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**

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.

Landings are reported and verified by inspectors, who are mandated by Russian Law to be aboard the transshipment vessels. catches sum West Kamchakta, Kamchakta-Kuril and Northern Sea of Okhotsk management sub-areas. They do not include East Sakhalin and in the last stock assessment a recommendation was done to avoid under sizing the catches as discarding is not reported.

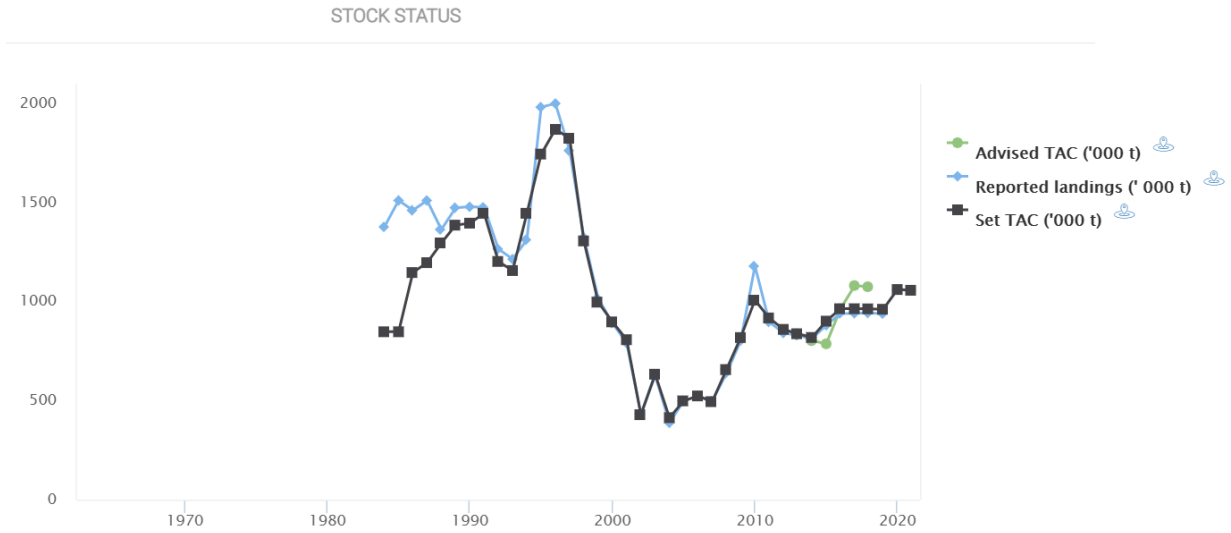

Figure 1. Catch and TAC data series from 1984 to 2021. Source: Fishsource.

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.

The results for the last stock assessment for 2021 northern Sea of Okhotsk spawning biomass, based on the 2019 stock assessment, showed the biomass at 6.22 million tonnes, which is above the target reference point (Btrp) of 5.089 million tonnes. The 2019 field surveys conducted with various methods yielded spawning biomass estimates of 5.8 to 12.3 million tons (TINRO 2020), with an intermediary estimate of 7.3 million tons derived from the SCAA model (SCS Global Services 2020).

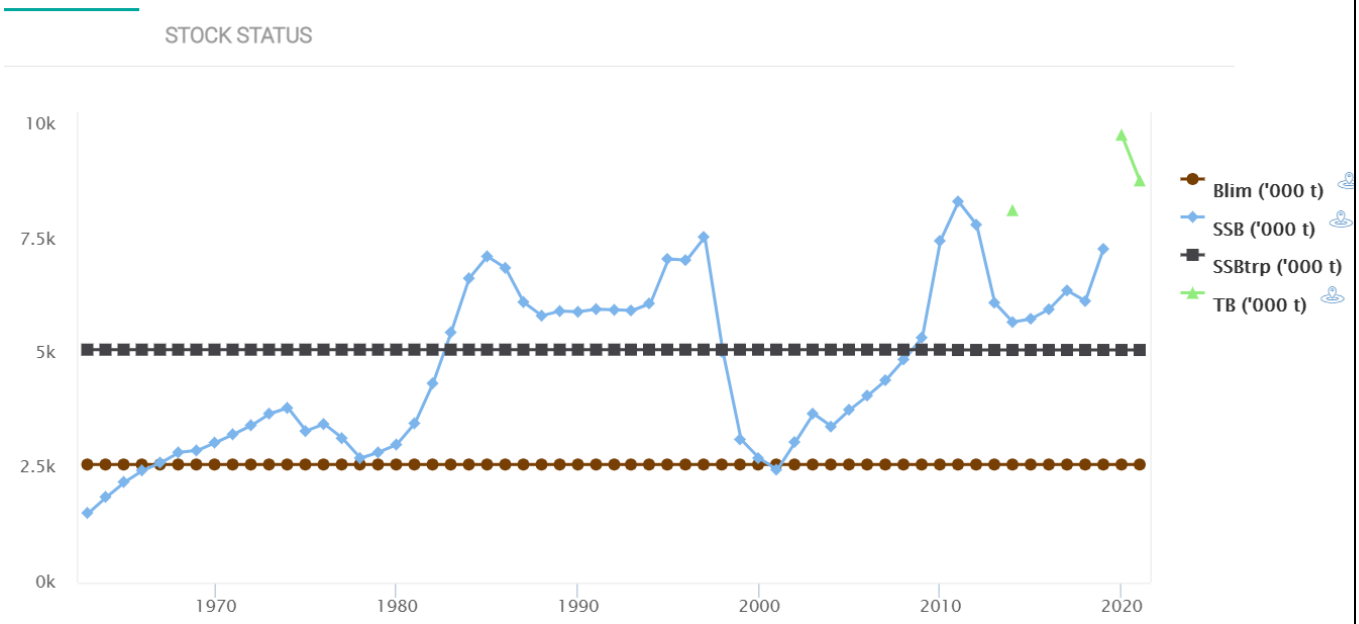

Figure 2. Stock states related to reference points; data series from 1984 to 2021. Source: Fishsource

Consequently, the stock in its most recent stock assessment, showed to have a biomass above the limit reference point and it **PASSES** clause C1.2.

References

Lloyd's Register. 2021. Russia Sea of Okhotsk Pollock: Public Comment Draft Report. 98 pp. MSC Public Certification Report: Scope Extension. https://fisheries.msc.org/en/fisheries/russia-sea-of-okhotsk-pollock/@@assessments

TINRO. 2020. TAC Materials for Fisheries Located in Inner Sea Waters of Russia, Territorial Seas of Russia, the Continental Shelf of Russia, in the EEZ of Russia and in the Caspian Sea (including assessment of environmental impact) for 2021. Part 2: Fish of the Far Eastern Seas. https://s3.amazonaws.com/assets.fishsource.org/TINRO+2020.doc

SCS Global Services. 2020. Kuril Islands Pelagic Trawl and Danish Seine Pollock (*Gadus chalcogrammus*) fishery: MSC Fishery Assessment Report. 166 pp. MSC Public Certification Report. https://fisheries.msc.org/en/fisheries/kuril-islands-pelagic-trawl-and-danish-seine-pollock-fishery/@@assessments

Cook, R., Fernandes, P., Florin, A., Lorance, P. & Nedreaas, K. 2015. Gadus chalcogrammus. The IUCN Red List of Threatened Species 2015: e.T18258863A45097315.

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