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:	Skipjack tuna, *Katsuwonus pelamis*
	Geographical area:	FAO Area 71 (American Samoa)
	Country of origin of the product:	American Samoa
	Stock:	Western and Central Pacific Ocean (WCPO) skipjack tuna stock
Date	18/06/2021	
Report Code	BP116	
Assessor	Virginia Polonio	
Country of origin of the product - PASS	American Samoa	
Country of origin of the product - FAIL	NA	

Application details and summary of the assessment outcome			
Name: Sarval Bio-industries Noroeste			
Address:			
Country: Spain		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	Surveillance 1
Assessment Period	June 2021		

Scope Details	
Main Species	Skipjack tuna (*Katsuwonus Pelamis*)
Stock	WCPO Skipjack tuna
Fishery Location	Pacific Ocean, FAO Major Fishing Area 71 (Pacific, Western Central)
Management Authority (Country/ State)	Internationally: WCPFC National authorities of the countries: American Samoa
Gear Type(s)	Gillnet, including offshore gillnet; Pole-and-Line; Purse seine free-school (FS) and Purse seine associated school (LS); Other gears (e.g., troll line, handline, beach seine, Danish seine, liftnet)
Outcome of Assessment	
Peer Review Evaluation	
Recommendation	**APPROVED**

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. Skipjack tuna (*Katsuwonus pelamis*) is not listed as Endangered or Critically Endangered on IUCN's Red List, nor it is listed in CITES appendices; therefore, Western Central Pacific Ocean tuna is eligible for approval for use as MARIN TRUST by-product raw material. Skipjack in the western central Pacific Ocean is considered to comprise a single stock for assessment and management purposes. This stock is managed at the international level by the International Commission for the Conservation of Atlantic Tunas (ICCAT). ICCAT conducts stock assessments; reference points are defined for the East Atlantic tuna stock. Therefore, the stock has been assessed under category C. Fishery removals of the stock are considered in the stock assessment processes so the stock **PASSES** Clause C1.1. In the most recent stock assessment, the stock is considered to have a biomass above the limit reference point, the stocks **PASSES** Clause C1.2. In order to be approved, the stock under assessment must pass both Clauses C1.1 and C1.2. Western Central Pacific Ocean skipjack tuna passes both Clauses C1.1 and C1.2, and therefore is **APPROVED** for the production of fishmeal and fish oil under the current Marin Trust v.2.0 by-product Standard.
Fishery Assessment Peer Review Comments
The assessor correctly classified the WCPO skipjack tuna stock as category C, reference points are defined to assess status of the stock relative to. Fishery removals are included in the stock assessment process so the stock PASSES Clause C1.1. The WCPO skipjack tuna stock is considered, in its most recent stock assessment, to have a biomass above the limit reference point. Therefore, the WCPO skipjack tuna stock PASSES Clause C1.2. Therefore, the WCPO skipjack tuna stock is approved.
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]
Skipjack tuna	*Katsuwonus pelamis*	Skipjack tuna in the western Pacific Ocean	WCPFC	C	No	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	**Skipjack tuna, *Katsuwonus pelamis***	
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.	**PASS**
	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.	**PASS**
	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.

Fishery removals of the stock in the fishery under assessment are included in the WCPFC stock assessment process. Total provisional catch in 2018 was 1,795,048 mt, a 10% increase from 2017 and a 1% decrease from 2013 – 2017. In recent years Samoa landings have been 1,102 mt (2014); 1,160 mt (2015); 1,266 mt (2016); 3,230 mt (2017) and 2,077 mt (2018).
Further, catches from all the fleets are also recorded as it shows in the figure 1.

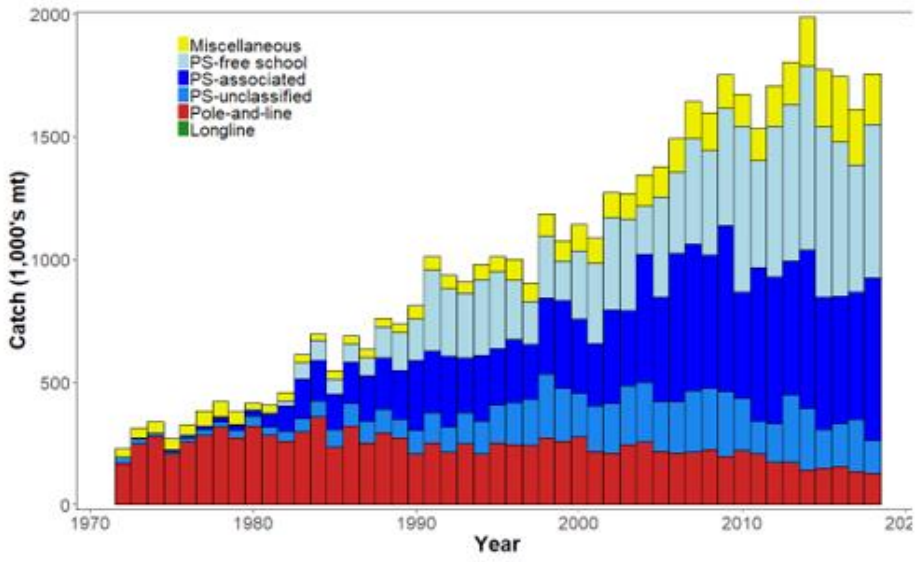

Figure 1. Time series of total annual catch (1000's mt) by fishing gear over the full assessment period. Source WCPFC 2019.

Given the inclusion of removals from the fishery under assessment in the WCPFC stock assessment process, **the fishery achieves a PASS against 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.

Skipjack tuna is assessed and managed by the WCPFC with the most recent analyses of the status of this stock being conducted in 2019 (Vincent, Pilling and Hampton 2019). The latest available information on the stock (WCPFC, 2019) is that the probability that recent spawning biomass was below the LRP = ~0%;

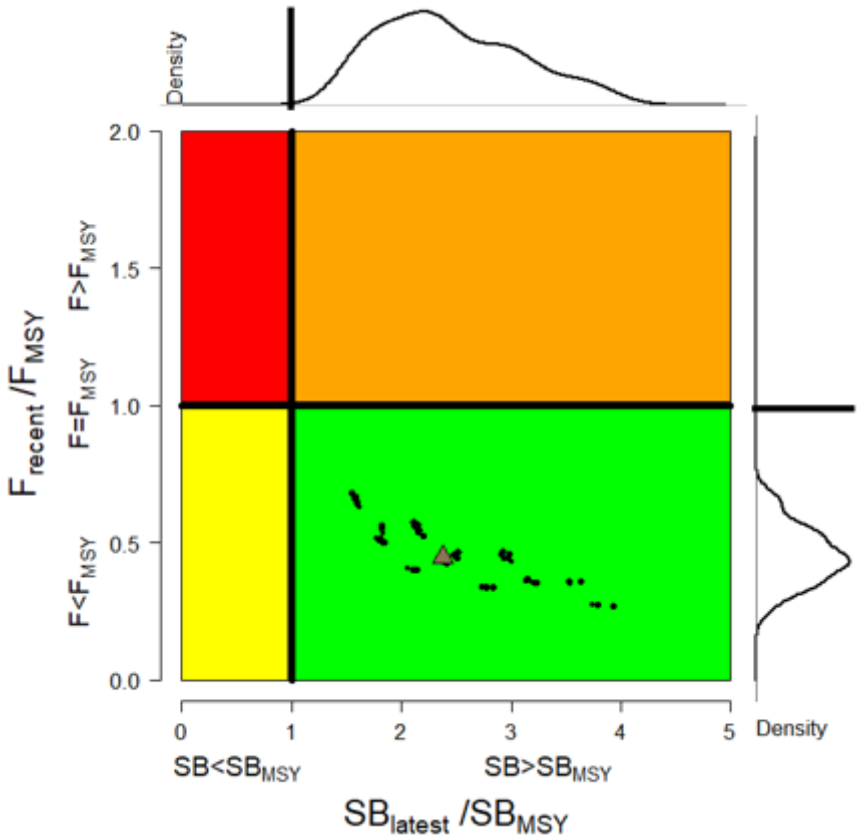

Figure 2. Kobe plot for the latest spawning potential (2018) summarizing the results for each of the models in the structural uncertainty grid. The plots represent estimates of stock status in terms of spawning potential depletion and fishing mortality and marginal distributions of each are presented. Brown triangle indicates the median of the estimates. The size of the circle relates to the weight of that particular model run. Source WCPFC 2019

Therefore, the stock is above the reference points and **the fishery achieves a PASS against C1.2**.

References

Vincent M.T., Pilling G. M. and Hampton J. 2019. Stock assessment of skipjack tuna in the western and central Pacific Ocean. WCPFC-SC15-2019/SA-WP-05-Rev2

WCPFC-SC 2019. Fifteenth Regular Session of the Scientific Committee. Summary Report. Pohnpei, Federated States of Micronesia, 12‑20 August 2019.

WCPFC-SC15-2019/ST IP-1. Fifteenth Regular Session of the Scientific Committee. Estimates of annual catches in the WCPFC Statistical area. Pohnpei, Federated States of Micronesia, 12‑20 August 2019.

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