



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:	Skipjack tuna (<i>Katsuwonus pelamis</i>)
	Geographical area:	1. FAO 71 Pacific, Western Central 2. FAO 81 Pacific, Southwest
	Country of origin of the product:	Vietnam
	Stock:	1. Western Central skipjack tuna 2. Eastern Pacific skipjack tuna
Date	06 August 2021	
Report Code	BP167	
Assessor	Sam Dignan	
Country of origin of the product - PASS	Vietnam	
Country of origin of the product - FAIL	Not applicable	

Application details and summary of the assessment outcome			
Name: Thien Quynh Co Ltd. T. C. Union Vietnam Co.			
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 Limited	
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/Re-approval
Sam Dignan	Geraldine Criquet	0.5	Surveillance 2
Assessment Period	To August 2021		

Scope Details	
Main Species	Skipjack tuna (<i>Katsuwonus pelamis</i>)
Stock	1. Western Central skipjack tuna 2. Eastern Pacific skipjack tuna
Fishery Location	1. FAO 71 Pacific, Western Central 2. FAO 81 Pacific, Southwest
Management Authority (Country/ State)	WCPFC, IATTC, Vietnam
Gear Type(s)	Various
Outcome of Assessment	
Peer Review Evaluation	Agree 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 RS raw material.</p> <p>Skipjack tuna (<i>Katsuwonus pelamis</i>) is listed on the IUCN Red List as globally Least Concern (LC) and is not listed in CITES such that skipjack derived products are eligible for approval for use as MarinTrust RS by-product raw material.</p> <p>For management purposes, two Pacific skipjack tuna stocks are defined which are nominally split based on the WCPO/EPO boundary at 150°W:</p> <ol style="list-style-type: none"> 1. Western Central skipjack tuna 2. Eastern Pacific skipjack tuna <p>FAO area 71 has its western boundary at 175°W such that skipjack tuna taken in these areas may be assumed to originated from the Western Central Pacific skipjack tuna stock.</p> <p>In contrast, FAO area 81 has its western boundary at 120°W such that skipjack tuna taken there may be assumed to originated from either stock.</p> <p>Based on the above, both skipjack stocks are considered in this assessment.</p> <p>Fishery removals of both relevant skipjack tuna stock are considered in their respective stock assessment processes such that the fishery PASSES Clause C1.1.</p> <p>As of their latest assessments, both stocks are considered to have biomasses above their corresponding limit reference points such that the fishery PASSES Clause C1.2.</p> <p>As the fishery passes both Clause C1.1 and C1.2, the by-product covered by this report is recommended for APPROVAL for the production of fishmeal and fish oil under the current MarinTrust RS v 2.0 by-product standard.</p>
Fishery Assessment Peer Review Comments
<p>The assessor correctly classified Western Central and Eastern Pacific skipjack stocks as category C, reference points are defined to assess status of both stocks relative to.</p> <p>Fishery removals are included in the stock assessment process so both stocks PASS Clause C1.1. Both skipjack stocks are considered, in their most recent stock assessments, to have biomasses above their limit reference points (or proxies) such that, Clause C1.2 is met.</p> <p>Therefore, Western Central and Eastern Pacific skipjack are 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
Skipjack tuna	<i>Katsuwonus pelamis</i>	1. Western Central Pacific skipjack tuna 2. Eastern Central Pacific skipjack tuna	1. WCPFC 2. IATTC	C	Globally: Least Concern (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 may be assessed as a Category D species instead, EXCEPT if there is evidence that it is currently below the limit reference point.

Species Name		1. Western Central Pacific skipjack tuna 2. Eastern Central Pacific skipjack tuna
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
<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>1. Western Central Pacific skipjack tuna Fishery removals of the stock 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. Given the inclusion of removals from the fishery under assessment in the WCPFC stock assessment process, the fishery achieves a PASS against C1.1 for this stock.</p> <p>2. Eastern Central Pacific skipjack tuna Fishery removals of Eastern Pacific skipjack tuna are included in the stock assessment process as evidenced by Figure 1 of the most recent assessment of stock status (Maunder 2018). In fact, fishery removals is one of a suite of indicators (i.e. proxies) used to assess the status of the stock. Given the inclusion of removals from the fishery under assessment in IATTC stock assessment processes, the fishery achieves a PASS against C1.1 for this stock.</p> <p>Overall, fishery removals of both stocks of relevance to this assessment are included in their respective stock assessment processes such that the fishery achieves a PASS against C1.1.</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>1. Western Central Pacific skipjack tuna Western Central Pacific skipjack tuna is assessed and managed by the WCPFC which has adopted a limit reference point for the stock of 20% $SB_{F=0}$, where $SB_{F=0}$ is calculated as the average over the period 2006 – 2015. The most recent analyses of the stock was conducted in 2019 (Vincent, Pilling and Hampton 2019) and the latest available information on the stock (WCPFC, 2019) is that the probability that recent spawning biomass was below the LRP = ~0%; therefore, the stock is considered, in its most recent stock assessment, to have a biomass above its limit reference point (or proxy) such that the fishery achieves a PASS against C1.2 for this stock.</p> <p>2. Eastern Central Pacific skipjack tuna The Inter-American Tropical Tuna Commission (IATTC) conducts assessments of Eastern Pacific skipjack tuna using various indicators (i.e. proxies) rather than traditional reference points. The most recent assessment conducted in 2018 (Maunder, 2018) used eight data- and model-based indicators and concluded that those indicators have yet to detect any adverse impacts of the fishery; therefore, the stock is considered, in its most recent stock assessment, to have a biomass above its limit reference point (or proxy) such that the fishery achieves a PASS against C1.2 for this stock.</p> <p>Overall, both stocks of relevance to this assessment are considered, in their most recent stock assessments, to have biomasses above their limit reference points (or proxies) such that the fishery achieves a PASS against C1.2.</p>		

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: <https://www.wcpfc.int/node/42931>.

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

Maunder, 2018: IATTC Updated indicators of stock status for skipjack tuna in the Eastern Pacific Ocean (2018): https://www.iattc.org/Meetings/Meetings2018/SAC-09/PDFs/Docs/_English/SAC-09-07-EN-REV-23-Apr-18_Skipjack-tuna-indicators-of-stock-status.pdf.

Links

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