

MarinTrust RS V2.0



BYPRODUCT FISHERY ASSESSMENT TEMPLATE REPORT

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TABLE 1 APPLICATION DETAILS AND SUMMARY OF THE ASSESSMENT OUTCOME

Fishery Under Assessment	Species:	Yellowfin tuna (<i>Thunnus albacares</i>)
	Geographical area:	FAO Major Fishing Area 87 (Pacific, Southeast)
	Country of origin of the product:	Ecuador
	Stock:	Yellowfin tuna in the eastern Pacific Ocean
Date	August 2020	
Report Code	289-2020	
Assessor	Virginia Polonio	
Country of origin of the product - PASS	Ecuador	
Country of origin of the product - FAIL	None	

Application details and summary of the assessment outcome			
Name: CONRESA			
Address:			
Country: Spain		Zip:	
Tel. No.:		Fax. No.:	
Email address:		Applicant Code:	
Key Contact:		Title:	
Certification Body Details			
Name of Certification Body:			
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/ Re-approval
Virginia Polonio	Sam Dignan	0.5	Initial
Assessment Period		To August 2020	

Scope Details	
Main Species	Yellowfin tuna (<i>Thunnus albacares</i>)
Stock	Yellowfin tuna in the eastern Pacific Ocean (east of 150°W)
Fishery Location	FAO Major Fishing Area 87 (Pacific, Southeast)
Management Authority (Country/ State)	Inter-American Tropical Tuna Commission (IATTC) and relevant National authorities of Ecuador.
Gear Type(s)	Purse seine Pole and line
Outcome of Assessment	
Peer Review Evaluation	Agree with scores
Recommendation	APPROVE

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 IFFO RS raw material. Pacific yellowfin tuna does not appear as Endangered or Critically Endangered on IUCN’s Red List, nor does it appear in CITES appendices; therefore, product originating from this fishery is eligible for approval for use as IFFO RS by-product raw material.</p> <p>For assessment and management purposes, two discrete stocks of yellowfin are recognised in the Pacific Ocean delimited based on their being east and west of 150°W longitude:</p> <ol style="list-style-type: none"> 1. Western Central Pacific Ocean (WCPO) yellowfin (west of 150°W), managed via the Western and Central Pacific Fisheries Commission (WCPFC). 2. Eastern Pacific Ocean (EPO) yellowfin (east of 150°W), managed by the Inter-American Tropical Tuna Commission (IATTC). <p>With this being said, FAO fishing areas 87 does overlap with the western stock and as such only the eastern stock is considered in this assessment.</p> <p>Based on the above, this assessment covers one stock, yellowfin tuna in the eastern Pacific Ocean (east of 150°W), when fished within FAO fishing areas 87.</p> <p>Fishery removals are considered in the IATTC stock assessment process such that the stock achieves a PASS against Clause C1.1.</p> <p>In addition, the most recent stock assessment shows the stock to be above relevant limit reference points defined by management such that the stock achieves a PASS against C1.2.</p> <p>In order to be approved, stocks assessed must pass both Clause C1.1 and C1.2; therefore, as this is the case here, by-product covered by this report is APPROVED for the production of fishmeal and fish oil under the current IFFO RS v 2.0 by-product standard.</p>
Peer Review Comments
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

Byproduct 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.

Byproduct 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
Yellowfin tuna	<i>Thunnus albacares</i>	Yellowfin tuna in the eastern Pacific Ocean (east of 150°W).	Yes (IATTC)	C	No	No

CATEGORY C SPECIES

In a by-product assessment, Category C species are those which are subject to a species-specific management regime and are usually targeted species in fisheries for human consumption.

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.

¹ <https://www.iucnredlist.org/>

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

Species Name		Yellowfin tuna (<i>Thunnus albacares</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.	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>Catches of tunas within the IATTC area of competence are reported to the IATTC (e.g. IATTC, 2020) and these catches are subsequently included in the IATTC stock assessment process. Preliminary estimates of the retained catches of tunas in the EPO from January 1 through May 3, 2020, by Ecuador vessels were estimated as 15,297mt.</p> <p>In summary, fishery removals in the fishery under assessment are included in the stock assessment process 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>The most recent stock assessment for EPO yellowfin was carried out in 2019 (Minte-Vera, Xu and Maunder, 2019) with a terminal year of 2018. S_{MSY} and F_{MSY} are used as target reference points in the management of this stock and interim limit reference points of $0.28 * S_{MSY}$ and $2.42 * F_{MSY}$ are defined; these correspond to a 50% reduction in recruitment from its average unexploited level based on a conservative steepness value ($h = 0.75$) for the Beverton-Holt stock recruitment relationship. According to the 2018 stock assessment conducted by the IATTC scientific staff (Minte-Vera, Xu and Maunder, 2019), the EPO yellowfin tuna stock is not overfished but is subject to overfishing; therefore, the stock is considered, in its most recent stock assessment, to be above the limit reference point defined by management such that the fishery achieves a PASS against C1.2.</p>			
<p>References</p> <p>IATTC (2020). Estimated Catch (in mt) by Purse Seine and Pole-and-Line vessels in the Eastern Pacific Ocean (east of 150°W 01 Jan - 03 May 2020: http://www.iattc.org/MonthlyReports/2020/English/Apr-2020Current%20monthly%20report.pdf</p> <p>Minte-Vera, Xu and Maunder (2019) Inter-American Tropical Tuna Commission Stock Assessment Report 20 Status of the Tuna and Billfish Stocks in 2018: http://www.iattc.org/PDFFiles/StockAssessmentReports/English/No-20-2019Status%20of%20the%20tuna%20and%20billfish%20stocks%20in%202018.pdf</p>			
Links			
MARINTRUST Standard clause		1.3.2.2	
FAO CCRF		7.5.3	
GSSI		D.3.04, D5.01	