



## MarinTrust Standard V2

# By-product Fishery Assessment Report: Skipjack Tuna FAO 34 & 47

**MarinTrust Programme**

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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:	FAO Areas 34 and 47 Atlantic Eastern Central and Southeast
	Country of origin of the product:	Spain, Senegal, Ivory Coast, El Salvador, Ecuador, Panama
	Stock:	Eastern Atlantic skipjack tuna
Date	7 April 2021	
Report Code	BP113	
Assessor	Virginia Polonio	
Country of origin of the product - PASS	Spain, Senegal, Ivory Coast, El Salvador, Ecuador, Panama	
Country of origin of the product - FAIL	NA	

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

Scope Details	
Main Species	Skipjack tuna, <i>Katsuwonus pelamis</i>
Stock	Eastern Atlantic skipjack tuna
Fishery Location	FAO Areas 34 and 47 Atlantic Eastern Central and Southeast
Management Authority (Country/ State)	International Commission for the Conservation of Atlantic Tunas (ICCAT)
Gear Type(s)	Longline, pole & line, and purse seine
Outcome of Assessment	
Peer Review Evaluation	Agreed with the assessor's determination
Recommendation	<b>APPROVED</b>

**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 MARINTRUST raw material. Skipjack tuna (<i>Katsuwonus pelamis</i>) is not listed as Endangered or Critically Endangered on IUCN’s Red List, nor it is listed in CITES appendices; therefore, East Atlantic skipjack tuna is eligible for approval for use as MARIN TRUST by-product raw material.</p> <p>There is are two stocks of skipjack tuna in the Atlantic. This assessment covers the East Atlantic skipjack tuna stock.</p> <p>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 Eastern Atlantic tuna stock. Therefore, the stock has been assessed under category C.</p> <p>Fishery removals of the stock are considered in the stock assessment processes so the stock <b>PASSES</b> Clause C1.1.</p> <p>In the most recent stock assessment, the stock is considered to have a biomass above the limit reference point, the stocks <b>PASSES</b> Clause C1.2.</p> <p>In order to be approved, the stock under assessment must pass both Clauses C1.1 and C1.2.</p> <p>Eastern Atlantic skipjack tuna passes both Clauses C1.1 and C1.2, and therefore is <b>APPROVED</b> for the production of fishmeal and fish oil under the current Marin Trust v.2.0 by-product Standard.</p>
Fishery Assessment Peer Review Comments
<p>The assessor correctly classified the Eastern Atlantic skipjack tuna stock 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 skipjack stock is considered, in its most recent stock assessment, to have a biomass above the limit reference point. Therefore, the Eastern Atlantic skipjack tuna stock PASSES Clause C1.2. Therefore, the Eastern Atlantic skipjack tuna stock 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 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 <sup>1</sup>	CITES Appendix 1 <sup>2</sup>
Skipjack tuna	<i>Katsuwonus pelamis</i>	Eastern Atlantic skipjack tuna	International Commission for the Conservation of Atlantic Tunas (ICCAT)	C	LC	No

<sup>1</sup> <https://www.iucnredlist.org/>

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

## CATEGORY C SPECIES

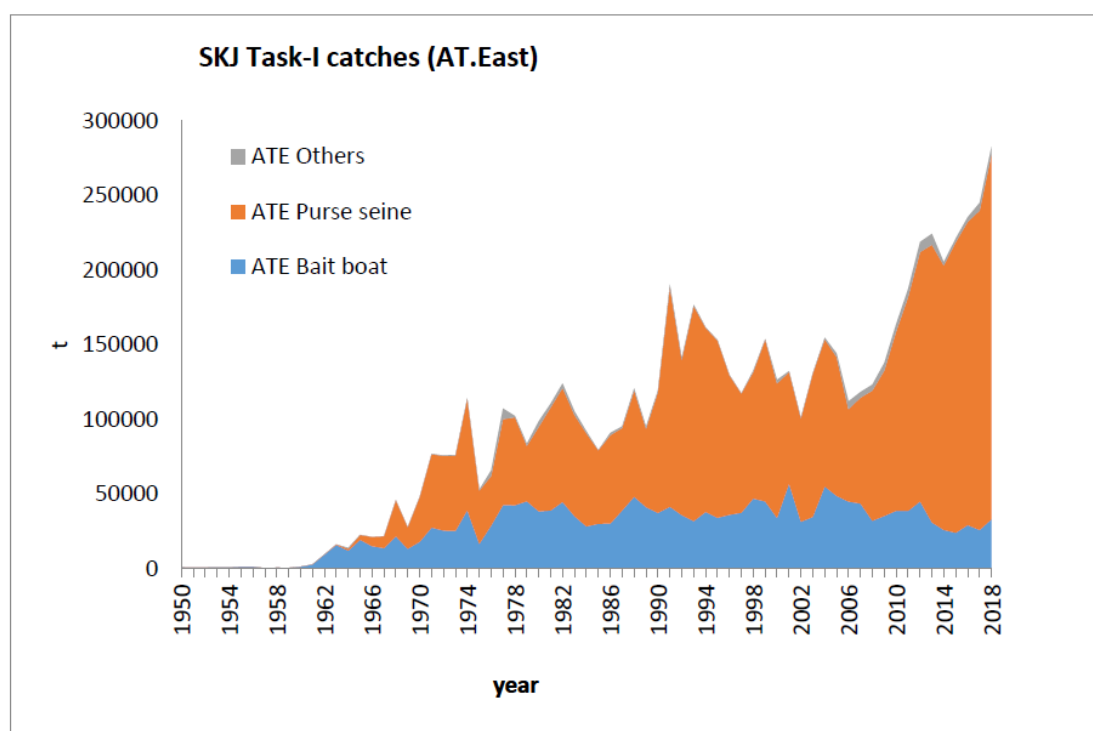
In a whole fish assessment, Category C species are those which make up less than 5% of landings, but which are subject to a species-specific management regime. In most cases this will be because they are a commercial target in a fishery other than the one under assessment.

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.

<b>Species Name</b>		Skipjack tuna, <i>Katsuwonus pelamis</i>	
<b>C1</b>	<b>Category C Stock Status - Minimum Requirements</b>		
	<b>C1.1</b>	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.	<b>PASS</b>
	<b>C1.2</b>	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.	<b>PASS</b>
<b>Clause outcome:</b>			<b>PASS</b>

**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.**

The stock assessment is conducted by ICCAT using catch data. Skipjack catches in the Eastern Atlantic by gear for the 1950-2018 period are shown in Figure 1. Therefore, the stock **PASSES** Clause C1.1.



**Figure 1.** Skipjack catches in the eastern Atlantic, by gear (1950-2018), after correction of Ghana's data by species (1996-2014).

**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.**

A stock assessment was conducted by ICCAT in 2014 using catch data available to 2013. The most recent stock assessment report is an update of that of 2018 covering the most recent information on the stock status. Three models were used: two surplus biomass production models and a model based only on catch and mortality estimation based on the average sizes of fish caught. Regardless of the model used, it was not possible to provide a reliable estimate of MSY. However, there is no evidence of a fall in yield or in the average weight of fish caught. ICCAT concludes that there is no evidence that the stock is overfished and that overfishing is occurring (Table 4).  $B_{2013}$  is likely to be above  $B_{MSY}$ .

Therefore, the assessor determines that, the stock is considered to have a biomass above the limit reference point, it **PASSES** Clause C1.2.

**Table 4.** East Atlantic skipjack tuna stock status summary.

	<b>East Atlantic</b>
Maximum Sustainable Yield (MSY)	
Current yield (2018 <sup>1</sup> )	282,427 t
Current Replacement Yield	Unknown
Relative Biomass ( $B_{2013}/B_{MSY}$ )	Likely >1
Mortality due to fishing ( $F_{2013}/F_{MSY}$ )	Likely <1
Stock Status	
Overfished:	Not likely
Overfishing:	Not likely
Management measures in force	Rec. 16-01

<sup>1</sup> Reports of catches for 2018 should be considered provisional.

#### References

Collette, B., Acero, A., Amorim, A.F., Boustany, A., Canales Ramirez, C., Cardenas, G., Carpenter, K.E., de Oliveira Leite Jr., N., Di Natale, A., Fox, W., Fredou, F.L., Graves, J., Guzman-Mora, A., Viera Hazin, F.H., Juan Jorda, M., Kada, O., Minte Vera, C., Miyabe, N., Montano Cruz, R., Nelson, R., Oxenford, H., Salas, E., Schaefer, K., Serra, R., Sun, C., Teixeira Lessa, R.P., Pires Ferreira Travassos, P.E., Uozumi, Y. & Yanez, E. 2011. *Katsuwonus pelamis*. *The IUCN Red List of Threatened Species 2011*: e.T170310A6739812. <https://dx.doi.org/10.2305/IUCN.UK.2011-2.RLTS.T170310A6739812.en>.

ICCAT Stock Assessment and Executive Summary – Skipjack tuna  
<https://www.iccat.int/en/assess.html>

#### Links

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