

MarinTrust Standard V2

By-product Fishery Assessment Albacore tuna (Thunnus alalunga) in FAO 51 & 57 Indian Ocean

MarinTrust Programme Unit C, Printworks 22 Amelia Street London SE17 3BZ E: <u>standards@marin-trust.com</u> T: +44 2039 780 819

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Table 1 Application details and summary of the assessment outcome

	Species:	Albacore tuna (Thunnus alalunga)		
	Geographical area:	FAO 51 & 57 Indian Ocean		
Fishery Under Assessment	Country of origin of the product:	Seychelles, South Africa		
	Stock:	Albacore tuna from FAO 51 & 57, Indian Ocean		
Date	18 August 2022			
Report Code	USA09			
Assessor	Matthew Jew			
Country of origin of the product - PASS	USA (Flag Countries: Seychelles and South Africa)			
Country of origin of the product - FAIL	ΝΑ			

Application details and summary of the assessment outcome					
Company Name(s): The Scoular Company					
Country: USA					
Email address:		Applicant Code:			
Certification Body Details					
Name of Certification Body:		Global Trust Certification			
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/ Re-approval		
Matthew Jew	Léa Lebechnech	0.5	Initial		
Assessment Period	Up to August 2022				

Scope Details			
Main Species	Albacore Tuna (Thunnus alalunga)		
Stock	Albacore Tuna from FAO 51 & 57, Indian Ocean		
Fishery Location	FAO 51 & 57 Indian Ocean		
Management Authority (Country/ State)	Indian Ocean Tuna Commission (IOTC), Seychelles Fishing Authority, Department of Agriculture, Forestry and Fisheries (South Africa)		
Gear Type(s)	Longlines, Purse seines		
Outcome of Assessment			
Peer Review Evaluation	ew Evaluation Agree with the assessor's recommendation of approval		
Recommendation	APPROVE		

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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 Marin trust raw material. Albacore Tuna (*Thunnus alalunga*) do not appear as Endangered or Critically Endangered on IUCN's Red List, nor do they appear in CITES appendices; therefore, *Thunnus alalunga* is eligible for approval for use as Marin trust by-product raw material.

The most recent stock assessment for Indian Ocean Albacore Tuna was conducted in 2019 by the Indian Ocean Tuna Commission (IOTC), however, a more recent stock assessment is currently underway (committee met in July 2022). This assessment report is based upon the 2019 stock assessment (using Stock Synthesis III), management advice published for 2021, and the preliminary 2022 stock assessment.

The assessment considers Albacore Tuna in the Indian Ocean to be a single stock (which includes FAO subareas 51 & 57) and this is the only stock under assessment. The stock is subject to a specific management regime, therefore it was assessed under Category C.

Fishery removals are included in the stock assessment and it PASSES Clause C1.1. The stock is considered, in its most recent stock assessment, to have biomass above the limit reference point, it PASSES Clause C1.2.

Therefore, Albacore Tuna in FAO subareas 51 & 57 (Indian Ocean) is **APPROVED** for the production of fishmeal and fish oil under the current MarinTrust v2.0 by-products.

Fishery Assessment Peer Review Comments

The internal peer reviewer agrees with the assessor's determination, who correctly classified Indian Ocean Albacore Tuna under category C, as reference points are defined to assess status of the stock relative to.

The internal peer reviewer notes that this initial assessment is based on the IOTC 2019 stock assessment, its management advice published for 2021, and its preliminary 2022 stock assessment.

Fishery removals are included in the stock assessment process, so the stock of Indian Ocean Albacore Tuna PASSES Clause C1.1. Also, the stock is considered, in its most recent stock assessment, to have a biomass above the limit reference point. Therefore, it PASSES Clause C1.2.

Therefore, Albacore Tuna in FAO subareas 51 & 57 (Indian Ocean) is APPROVED.

Notes for On-site Auditor

N/A



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
Albacore Tuna	Thunnus alalunga	Albacore Tuna in FAO 51 & 57 (Indian Ocean)	Indian Ocean Tuna Commission (IOTC)Seychelles Fishing Authority, Department of Agriculture, Forestry and Fisheries (South Africa)	С	LC	No

¹ <u>https://www.iucnredlist.org/</u>

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

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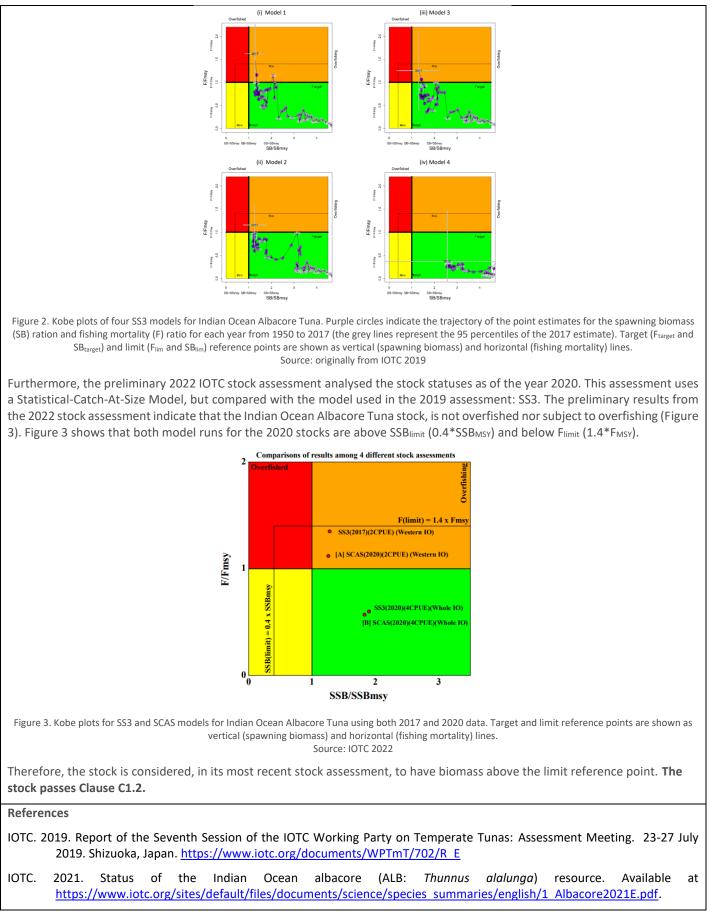
CATEGORY C SPECIES

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 should be assessed as a Category D species instead.

Spe	ecies	Name	Albacore Tuna (<i>Thunnus alalunga</i>)	
			atus - Minimum Requirements	
C1	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.			
	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.			
		•	Clause outcome:	Pass
	-		ne species in the fishery under assessment are included in the stock assessment proce chorities to be negligible.	ss, OR are
Synth	esis III ((SS3) model.	essment was carried out in 2019 by the Indian Ocean Tuna Commission (IOTC) and use In the 2022 assessment, this fully integrated model uses fishing mortality in the assess s are presented in Figure 1.	
		hery removals stock passes C	s of the stock, including from the fishery under assessment, are included in the stock a lause C1.1.	ssessment
			Figure 1. Catches of Albacore Tuna by gear type in the Indian Ocean from 1953 to 2020. Source: IOTC 2021.	
			ered, in its most recent stock assessment, to have a biomass above the limit reference fishery under assessment are considered by scientific authorities to be negligible.	e point (or
15/10 (F _{2017/} is sub) define /F _{MSY}) is ject to c current	d the limit re 1.346 (0.588-2 overfishing (Fig	Resolution 15/10 which defined target/limit reference points and decision framework. ference point to be 0.4 *SB _{MSY} . The 2019 assessment model, SS3, showed that fishing 2.171). Thus, the stock status (relative to target reference points: B _{MSY} and F _{MSY}) is not over ure 2). In Figure 2, all trajectory points are to the right of the limit and target reference point to be above the target reference point (SB _{MSY}), and thus above the limit reference	mortality fished, but ints for SB.





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IOTC. 2022. Preliminary stock assessments of Indian Ocean albacore tuna using Statistical-Catch-At-Size (SCAS). Authors: Nishida T & Kitakado T. <u>https://www.iotc.org/documents/WPTmT/802/INF01</u> .			
Links			
MarinTrust Standard clause	1.3.2.2		
FAO CCRF	7.5.3		
GSSI	D.3.04, D5.01		

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