



MarinTrust Standard V2

By-product Fishery Assessment *Yellowfin tuna (Thunnus albacares) in the Atlantic Ocean (FAO 21, 27, 31, 34, 41, 47)*

MarinTrust Programme

Unit C, Printworks

22 Amelia Street

London

SE17 3BZ

E: standards@marin-trust.com

T: +44 2039 780 819

Table 1 Application details and summary of the assessment outcome

| | | |
|---|---|---|
| Fishery Under Assessment | Species: | Yellowfin tuna (<i>Thunnus albacares</i>) |
| | Geographical area: | FAO Subarea 21, 27, 31, 34, 41, 47 (Atlantic Ocean) |
| | Country of origin of the product: | USA (Flag Country: Ghana, Belize, Spain, France, Italy) |
| | Stock: | Yellowfin tuna in the Atlantic Ocean |
| Date | 8 August 2022 | |
| Report Code | USA02 | |
| Assessor | Matthew Jew | |
| Country of origin of the product - PASS | USA (Flag Country: Ghana, Belize, Spain, France, Italy) | |
| Country of origin of the product - FAIL | NA | |

| Application details and summary of the assessment outcome | | | |
|---|-------------------|----------------------------|-----------------------------------|
| Company Name(s): The Scoular Company IP Model w/ Cosmo | | | |
| 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 | Surveillance 1 |
| Assessment Period | Up to August 2022 | | |

| Scope Details | |
|---------------------------------------|---|
| Main Species | Yellowfin Tuna (<i>Thunnus albacares</i>) |
| Stock | Yellowfin Tuna in the Atlantic Ocean |
| Fishery Location | FAO Subarea 21, 27, 31, 34, 41, 47 (Atlantic Ocean) |
| Management Authority (Country/ State) | International Commission for the Conservation of Atlantic Tunas (ICCAT) |
| Gear Type(s) | Longline, baitboat, and purse seine |
| Outcome of Assessment | |
| Peer Review Evaluation | Agree with the assessor's recommendation of approval |
| Recommendation | APPROVED |

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 Marine trust raw material. Yellowfin Tuna (<i>Thunnus albacares</i>) do not appear as Endangered or Critically Endangered on IUCN's Red List, nor do they appear in CITES appendices; therefore, <i>Thunnus albacares</i> is eligible for approval for use as Marine trust by-product raw material.</p> <p>The most recent stock assessment for Atlantic Yellowfin Tuna was conducted in 2019 and is planned to be reassessed in 2023. Because this stock is not assessed on an annual basis, the findings of this assessment are based on the 2019 stock assessment and therefore, may be similar to previous years' findings.</p> <p>The assessment considers Yellowfin Tuna in the Atlantic Ocean (FAO subareas 21, 27, 31, 34, 41, 47) to be a single stock and this is the only stock under assessment. The stock is subject to a specific management regime, therefore it was assessed under Category C.</p> <p>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.</p> <p>Therefore, Yellowfin Tuna in the Atlantic Ocean (FAO subareas 21, 27, 31, 34, 41, 47) is APPROVED for the production of fishmeal and fish oil under the current MarineTrust v2.0 by-products.</p> |
| Fishery Assessment Peer Review Comments |
| <p>The internal peer reviewer agrees with the assessor's determination, who correctly classified Atlantic Ocean Yellowfin Tuna in FAO Subareas 21, 27, 31, 34, 41, 47 under Category C, as reference points are defined to assess status of stock relative to, and there is a specific management regime in place.</p> <p>Fishery removals are included in the stock assessment process, so it PASS Clause C1.1. The stock is considered, in its most recent stock assessment, to have biomass above its limit reference points (or proxies) so clause C1.2 is met.</p> <p>Therefore, Yellowfin Tuna in Atlantic Ocean (FAO subareas 21, 27, 31, 34, 41, 47) is APPROVED.</p> |
| Notes for On-site Auditor |
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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 a 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 |
|----------------|--------------------------|---|------------|----------|-------------------------------------|-------------------------------|
| Yellowfin Tuna | <i>Thunnus albacares</i> | Yellowfin Tuna in the Atlantic Ocean (FAO Subareas 21,27, 31, 34, 41, 47) | ICCAT | C | Least Concern | No |

¹ <https://www.iucnredlist.org/>

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

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.

| 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. | Yes |
| | 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. | Yes |

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 species in the fishery under assessment are included in the stock assessment process via International Commission for the Conservation of Atlantic Tunas (ICCAT) processes. The stock was last assessed in 2019 and the next assessment is provisionally scheduled for 2023. At the time of the 2019 assessment, a proportion of 2018 catch reports were incomplete and average catches over the three previous years (2015 – 2017) were used to populate the assessment model. The total catch series is shown in Figure 1 below.

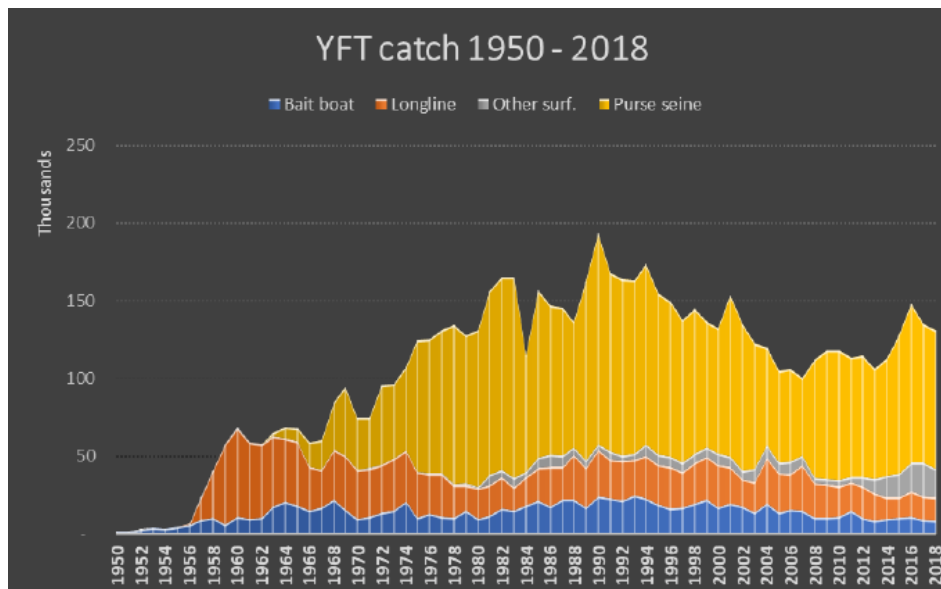


Figure 1. Yellowfin Tuna total catch 1950 – 2018 by main fishing gear group. Source: ICCAT 2019.

Therefore, fishery removals of the stock, including from the fishery under assessment, are included in the stock assessment process. **The stock passes Clause 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.

ICCAT does not employ an explicit limit reference point in managing this stock. A new assessment, which used an ensemble of models was conducted for yellowfin tuna in 2019. All models show large uncertainties in biomass and, while trends in the estimated biomass show a general continuous decline through time across all models, most model runs estimate biomasses above BMSY in the terminal year of the model.

Therefore, despite ICCAT not employing an explicit limit reference point in managing this stock, the stock biomass is considered to be above BMSY as of the most recent stock assessment, it can correspondingly be considered to be above any nominal limit reference point (or proxy). **The stock passes Clause C1.2.**

References

ICCAT SCRS 2019. Report of the 2019 ICCAT Yellowfin Tuna stock assessment meeting (GrandBassam, Cote d'Ivoire, 8-16 July 2019): https://www.iccat.int/Documents/Meetings/Docs/2019/REPORTS/2019_YFT_SA_ENG.pdf.

Links

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|-----------------------------------|---------------|
| MarinTrust Standard clause | 1.3.2.2 |
| FAO CCRF | 7.5.3 |
| GSSI | D.3.04, D5.01 |