

## SCIENTIFIC COMMITTEE TWENTY-FIRST REGULAR SESSION

Nuku'alofa, Tonga 13 – 21 August 2025

## ANNUAL REPORT TO THE COMMISSION PART 1: INFORMATION ON FISHERIES, RESEARCH AND STATISTICS

WCPFC-SC21-AR/CCM-24 4 July 2025

**TOKELAU** 



# 2024 ANNUAL REPORT TO THE WESTERN AND CENTRAL PACIFIC FISHERIES COMMISSION PART 1: INFORMATION ON FISHERIES, RESEARCH, AND STATISTICS



Scientific data was provided to the Commission in accordance with the decision relating to the provision of scientific data to the Commission by 30 April 2025

#### **ABSTRACT**

Tokelau does not have a commercial fishing fleet however, it has a large artisanal fleet of about 250 small 10' to 16' motorised aluminium boats powered by 15-40HP outboard motors. These artisanal fishing boats operate within the 12nm Territorial Sea (TS), but generally do not venture out further than 5nm from shore. For food security purposes, Tokelau has also established a buffer zone (closed area) of 13nm extending from the 12nm TS closed to any foreign fishing.

Coverage of Tokelau artisanal data continues to improve since the introduction of the SPC TAILS software in 2016. The total tuna catch reported from this fishery in 2024 was 76.7 metric tons (mt) with skipjack (71.93%) and yellowfin (24.59%) tunas making up the majority of the catch composition.

The commercial fishery in Tokelau is comprised of purse seine and longline vessels operating under various multilateral, regional and bilateral agreements. In 2024, the total catch by the purse seine and longline fisheries were 1,130.53 mt and 3,450.9 mt, respectively. Both fisheries are managed in full compliance with the vessel day schemes (VDS) established under the Palau Arrangement.

Transhipment is permitted to occur in the Tokelau Exclusive Zone (EEZ), TS and Internal Waters where there are exceptional circumstances and prior approval provided. Tokelau did not approve any transhipment activity in her waters in 2024.

#### **ANNUAL FISHERIES INFORMATION**

### National Fleet - Artisanal Tuna Fishery

Tokelau's artisanal fleet consists of around 250, small 10' - 16' outboard motorised aluminium boats operating out of the three atolls. These vessels fish primarily for local consumption and use surface trolling and vertical handline methods that mainly target skipjack and yellowfin tuna.

Most artisanal fishing activities in Tokelau's waters occur within 5 nautical miles from shore. Inshore fisheries are conserved and managed to meet the food security and cultural needs of each atoll, as specified in the Tokelau Fisheries Policy. Domestic fisheries development in Tokelau is severely constrained by market access and lack of infrastructure.

Any commercial inshore fisheries developments need to be authorized by the Taupulega (Village Council) of each respective atoll and is subject to a cost-benefit and market analysis, and an environmental impact assessment to demonstrate it will not jeopardize her food security and will result in creating net economic gains.

Table 1 provides the annual catch estimates by the Tokelau artisanal fleet in the last years, based on data collected through the SPC TAILS software.

**Table 1:** Estimated Artisanal tuna catches in Tokelau waters, 2020-2024

		RAISED EST	TIMATES (	MT)
Year	SKJ	YFT	BET	TOTAL
2020	27.5	22.6	0.0	50.1
2021	18.3	30.6	1.7	50.6
2022	47.8	33.2	9.0	90
2023	24.9	24.5	0.6	50
2024	55.17	18.86	2.67	76.7

### **Coastal state reporting**

Since 2012, Tokelau has been participating in the PNA purse seine vessel day scheme (PS VDS) established under the Parties to the Palau Arrangement. The Tokelau EEZ limit for the purse seine fishery is 1,000 fishing days.

In 2016, Tokelau also became a participant in the PNA longline (LL) VDS and was allocated a total of 5,000 fishing days. In 2017 it commenced selling her LL fishing days under this vessel day scheme.

Offshore commercial fishing is undertaken by foreign fishing vessels of distant water fishing nations and neighbouring Pacific Island States. A total of 41 vessels were issued Tokelau fishing licenses to fish in the Tokelau EEZ in 2024 (Table 2), noting that vessels authorized to fish in the Tokelau EEZ under the US Tuna Treaty Arrangements are issued regional fisheries licences.

Longline fishing activity in the Tokelau EEZ has also been variable over recent years (Fig. 2). In some years catches were almost negligible, although in the most recent five years between about 1,000 and almost 3,000 mt of the three main tuna species have been caught. The most important species in the catch is albacore, with moderate catches of yellowfin and bigeye also taken (Fig. 2; bottom panel).

Purse seine effort in the Tokelau EEZ has been highly variable since 1990 (Fig. 1b and Fig 3), although relatively consistent values of about 500-1,000 days have been fished since 2011, although effort in the last 4 years has been somewhat lower, probably due to the extended period of La Nina conditions. Vessels flagged to the US, Korea and Kiribati account for the vast majority (> 80%) of fishing effort in the last 5 years. Very similar results are observed for annual catches (Fig. 3; bottom panel), with catches in the last decade ranging between about 3,000 mt and 45,000 mt.

Figure 3 shows the distribution of catch, and its species composition within the EEZ and in the buffer area immediately adjacent. This shows that catch is highest in the northern parts of the EEZ, and this pattern was consistent over the period 2010-21 (top panel) and in the recent period (2022-24; bottom panel). The

proportion of bigeye and yellowfin in the catch in most spatial cells in 2022-24 was consistent with the longer period of 2010-21 (top vs bottom panels).

**Table 2:** Number of bilateral licences issued in 2024.

FLAG	PURSE SEINE	LONGLINE
Kiribati	5	0
Korea	22	0
Tuvalu	1	0
Vanuatu	2	0
Taiwan	9	0
Nauru	2	0
TOTAL	41	0

Table 3: Annual catches in Tokelau EEZ from 2020 to 2024. (Source: unraised logsheet data)

			CATCH (M	T)				
Year	Gear	Effort (days)	ALB	BET	SKJ	YFT	ОТН	TOTAL
2020	Longline	2,983	1,218	166	0	585	326	2,295
	Purse Seine	392	0	107	14,492	501	8	15,109
2021	Longline	1,029	360.56	78.24	0	289.68	104.29	832.77
	Purse Seine	151.16	0	76	5,254.1	370	3.92	5,704.02
2022	Longline	1,302	968.25	109.04	24.36	232.13	1	1,333.82
	Purse Seine	78	0	50.1	2,404.2	211.1	3.02	2,668.42
2023	Longline	939	746.09	95.87	0	206.34	82.23	1,130.53
	Purse Seine	101	0	24	3,230.7	195	1.2	3,450.9
2024	Longline	0	0	0	0	0	0	0
	Purse Seine	189	0	39	11,548.68	85	4.09	11,676.76

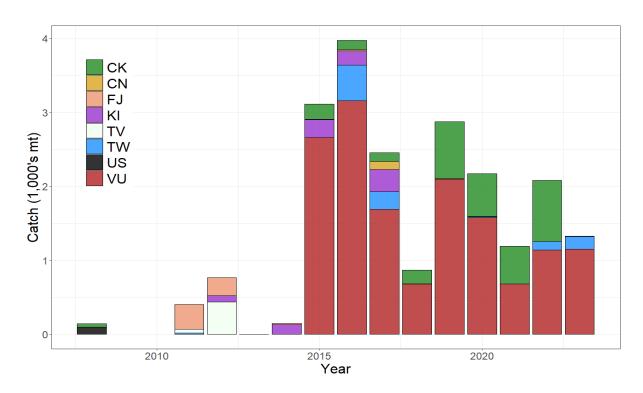
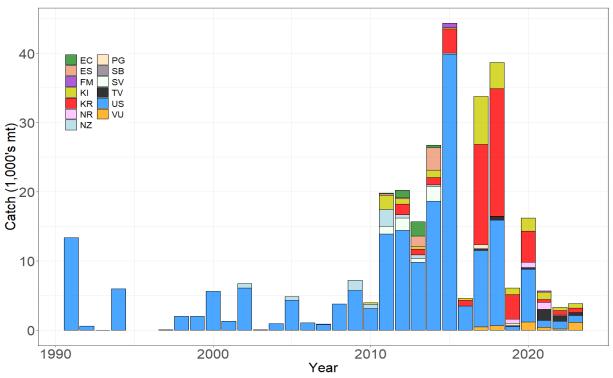
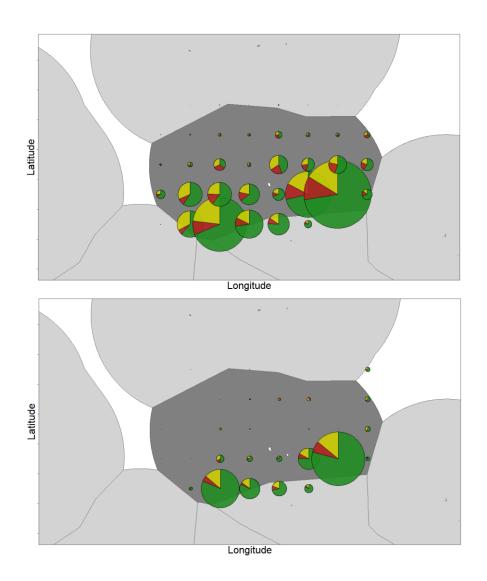


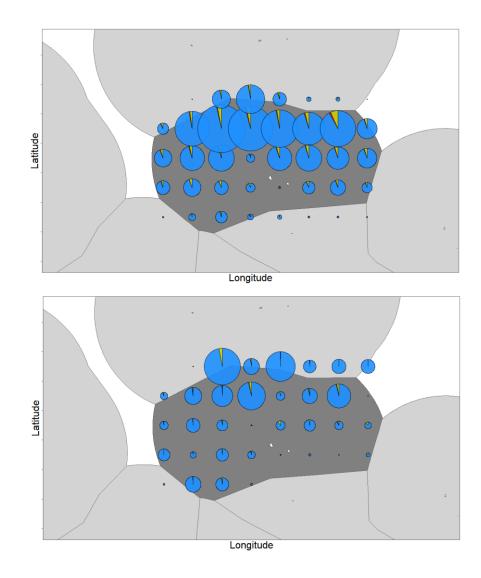
Figure 1a: Catch of tuna by longline vessels in the Tokelau EEZ, by flag, over the last 15 years.



**Figure 1b:** Annual total catch of all tuna species by purse seine vessels in the Tokelau EEZ, by flag, between 1990 and 2024.



**Figure 2:** Catch of the three main tuna species (green = albacore, red = bigeye, yellow = yellowfin, blue = other) by longline vessels fishing in the Tokelau EEZ, in each 1x1 degree cell in the EEZ and the immediate surrounding area, over the period 2010-21 (top panel) and 2022-24 (bottom panel). The size of the bubble indicates the catch in that cell relative to the other cells in that figure.



**Figure 3:** Catch of the three main tuna species (blue = skipjack, red = bigeye, yellow = yellowfin) by purse seine vessels fishing in the Tokelau EEZ, in each 1x1 degree cell in the EEZ and the immediate surrounding area, over the period 2010-21 (top panel) and 2022-24 (bottom panel). The size of the bubble indicates the catch in that cell relative to the other cells in that figure.

#### **RESEARCH AND STATISTICS**

#### **TUFMAN 2 – ARTISANAL FISHERIES COMPONENT**

The tuna research and statistical needs of Tokelau are largely met by the assistance and support of SPCs' Oceanic Fisheries Programme. Part of this assistance is the implementation of the Tuna Management System TUFMAN, now upgraded to TUFMAN 2, in Tokelau. It is now fully functional with ongoing assistance with training as new systems are developed. This initiative will empower the Fisheries Management Agency with a tool to help provide advice to local government and to help fulfil obligations and commitments to the Commission and other regional organizations. Whilst TUFMAN 2 manages the commercial data (offshore fisheries) TUF-ART has been implemented for managing the artisanal fishery (inshore fisheries). The new artisanal fisheries component of TUFMAN 2 was introduced to Tokelau fisheries officers in late 2016. One of the major improvements to the data system was the update to TAILS software in 2018.

### Monitoring

All foreign fishing vessels that are licensed to fish in Tokelau waters are required to carry an FFA approved Automatic Location Communicator (ALC) or Mobile Transceiver (MTU) and whilst within Tokelau waters, they are monitored by the FFA installed Vessel Monitoring Systems (VMS). This is a critical part of MCS and a workstation was installed in Tokelau in 2005. Tokelau aims to strengthen MCS capabilities through participation in regional and sub-regional strategies and through regional infrastructures. Due to limited resources available, Tokelau must participate in regional and sub-regional collaborations to combat IUU in the Tokelau EEZ.

As a participant in the PNA VDS established under the Palau Arrangement, Tokelau is now implementing the VDS for all their purse seine fisheries and the longline fisheries and all vessels licensed to fish against Tokelau's vessel days within its EEZ are also monitored through the PNA VDS systems.

Tokelau appreciates the value of an Observer Programme and will consider appropriate collaborative effort in the region. Required observer services are provided through other FFA members' country observer programmes and the PNA Observer Programme. Tokelau has no port and wharfage infrastructure so there is no Port Sampling Programme and no port sampling is carried out in Tokelau.

Tokelau is committed to working cooperatively with respect to monitoring and enforcement, and the sharing of MCS assets and information with her counterparts to strengthen the MCS arrangements for Tokelau's EEZ.

Surface and air patrols/surveillance of Tokelau's EEZ are undertaken by New Zealand and FFA coordinated patrols, with input and assistance from the Tokelau Fisheries Management Agency.



## **ADDENDUM TO ANNUAL REPORT PART 1**

8 April 2024<sup>1</sup>

## <u>SECTION A:</u> SPECIFIC INFORMATION TO BE PROVIDED IN ANNUAL REPORT PART 1 AS REQUIRED BY CMMS AND OTHER DECISIONS OF THE COMMISSION.

CMMS AND OTH	ER DECISIONS OF THE COMMISSION.
	<ul> <li>* N/A</li> <li>• Tokelau is not a flag state.</li> <li>• Tokelau does not authorize vessels to fish on the High Seas.</li> <li>• Tokelau does not charter Foreign Fishing Vessels.</li> <li>• The Tokelau EEZ is geographically situated between approximately 6 and 11</li> </ul>
CMM 2009-03 [Swordfish], Para 8	degrees South of latitude and between 167 and 176 degrees West of longitude, and is therefore outside of the area of application.  Tokelau does not have a domestic commercial fishing industry.
Observer coverage (WCPFC 11 decision – para 484(b))	<ul> <li>* N/A</li> <li>• Tokelau is not a flag state.</li> <li>• Tokelau does not authorize vessels to fish on the High Seas.</li> <li>• Tokelau does not charter Foreign Fishing Vessels.</li> <li>• Tokelau does not have a domestic commercial fishing industry.</li> </ul>
	** Tokelau does not have a National Observer Programme

<sup>&</sup>lt;sup>1</sup> Reporting requirements requested by CMMs and decisions of the Commission, as of WCPFC20 (Dec 2023). First issued on 8 April 2024. Changes made from Addendum for 2022 include the revised CMM 2023-03 for North Pacific Swordfish and **WCPFC20 Agreed Audit Points.** 

CMM 2009-06	* N/A  • Tokelau is not a flag state. • Tokelau does not authorize vessels to fish on the High Seas. • Tokelau does not charter Foreign Fishing Vessels. • Tokelau has no ports and is therefore not a Port State. • While transshipment is permitted by law in certain circumstances, as a matter of policy, Tokelau does not currently allow transshipments to occur in her EEZ, Territorial Seas or Internal Waters.  ** Tokelau did not approve nor authorize any transshipment activity
[Transshipment], Para 11 (ANNEX II)	

CMM 2009-06 [Transshipment], Para 11 (ANNEX II)	<ul> <li>* N/A</li> <li>Tokelau is not a flag state.</li> <li>Tokelau does not authorize vessels to fish on the High Seas.</li> <li>Tokelau does not charter Foreign Fishing Vessels.</li> <li>Tokelau has no ports and is therefore not a Port State.</li> <li>While transshipment is permitted by law in certain circumstances, as a matter of policy, Tokelau does not currently allow transshipments to occur in her EEZ, Territorial Seas or Internal Waters.</li> <li>** Tokelau did not approve nor authorize any transshipment activity</li> </ul>
CMM 2011-03 [Impact of PS fishing on cetaceans], Para 5	<ul> <li>* N/A</li> <li>• Tokelau is not a flag state.</li> <li>• Tokelau does not authorize vessels to fish on the High Seas.</li> <li>• Tokelau does not charter Foreign Fishing Vessels.</li> <li>• Tokelau does not have a domestic commercial fishing industry.</li> </ul> ** No interactions with cetaceans were reported to or by Tokelau in 2023
CMM 2018-03 [Seabirds] Para 13	* N/A  • Tokelau is not a flag state. • Tokelau does not authorize vessels to fish on the High Seas. • Tokelau does not charter Foreign Fishing Vessels. • Tokelau does not have a domestic commercial fishing industry.  ** No interactions with Seabirds were reported to or by Tokelau in 2023.

CMM 2018-03: [Seabirds] Annex 2. Guidelines for reporting templates for Part 1 report

The following tables should be included in the annual Part 1 country reports, summarising the most recent five years.

Table x: Effort, observed and estimated seabird captures by fishing year for [CCM] [South of  $30^{\circ}$ S;  $25^{\circ}$ S- $30^{\circ}$ S; North of  $23^{\circ}$ N; or  $23^{\circ}$ N –  $25^{\circ}$ S $^{-1}$ ]. For each year, the table gives the total number of hooks; the number of observed hooks; observer coverage (the percentage of hooks that were observed); the number of observed captures (both dead and alive); and the capture rate (captures per thousand hooks).

Year		Fishing	; effort		Observed sea	abird
	Number of vessels	Number of hooks	Observed hooks	% hooks observed	Number	Rate <sup>2</sup>
[year]						
[year]						
[year]						
[previous year e.g. 2017]						
[current year e.g. 2018]						

<sup>1</sup> Insert 'North of 23oN', 'South of 30oS', '25oS-30oS' or '23oN – 250oS'. For CCMs fishing in all areas, provide separate tables for each area.

Table y: Proportion of mitigation types<sup>1</sup> used by the fleet in [year].

	Combination of	Proportio	on of observed e	ffort using mitiga	ation me	asures	
	Mitigation  Measures	South of 30°S	25°S-30°S	25°S to 23°N	North of 23°N		
	No mitigation measures						
Options required	TL + NS						
south of 25°S	TL + WB						
	NS + WB						
	TL + WB + NS						
	HS						
Other options	WB						
25°S-30°S	TL						

<sup>2</sup> Provide data as captures per one thousand hooks.

Other options	SS/BC/WB/DSLS			
north of 23 <sup>0</sup> N	SS/BC/WB/(MOD or BDB)			
Provide any other combination of				
mitigation measures here				
	Totals (must equal 100%)			

<sup>&</sup>lt;sup>1</sup>TL = tori line, NS = night setting, WB = weighted branch lines, SS = side setting, BC = bird curtain, BDB = blue dyed bait, DSLS = deep setting line shooter, MOD = management of offal discharge, HS = hook-shielding device.

Table z: Number of observed seabird captures in [CCM] longline fisheries, 2012, by species and area.

Species	South of 30°S	25°S-30°S	North of 23°N	23°N –25°S	Total
E.g. Antipodean				0	
albatross					
[species name]					
[species name]					
[species name]					
[species name]					
[species name]					
[species name]		_		•	
Total				•	

# <u>SECTION B:</u> ADDITIONAL ANNUAL REPORTING REQUIREMENTS THAT COULD BE INCLUDED IN ANNUAL REPORT PART 1, IF NOT OTHERWISE REPORTED ANNUALLY TO WCPFC

CMM 2006- 04 [South West striped Marlin], Para 4	<ul> <li>* N/A</li> <li>• Tokelau is not a flag state.</li> <li>• Tokelau does not authorize vessels to fish on the High Seas.</li> <li>• Tokelau does not charter Foreign Fishing Vessels.</li> <li>• The Tokelau EEZ is geographically situated between approximately 6 and 11 degrees South of latitude and between 167 and 176 degrees West of longitude, and is therefore outside of the area of application.</li> <li>Tokelau does not have a domestic commercial fishing industry.</li> </ul>
CMM 2015- 02 [South Pacific Albacore] Para 4	<ul> <li>* N/A</li> <li>• Tokelau is not a flag state.</li> <li>• Tokelau does not authorize vessels to fish on the High Seas.</li> <li>• Tokelau does not charter Foreign Fishing Vessels.</li> <li>• The Tokelau EEZ is geographically situated between approximately 6 and 11 degrees South of latitude and between 167 and 176 degrees West of longitude, and is therefore outside of the area of application.</li> <li>Tokelau does not have a domestic commercial fishing industry.</li> </ul>
CMM 2019- 03 [North Pacific Albacore], Para 3	<ul> <li>* N/A</li> <li>• Tokelau is not a flag state.</li> <li>• Tokelau does not authorize vessels to fish on the High Seas.</li> <li>• Tokelau does not charter Foreign Fishing Vessels.</li> <li>• The Tokelau EEZ is geographically situated between approximately 6 and 11 degrees South of latitude and between 167 and 176 degrees West of longitude, and is therefore outside of the area of application.</li> <li>Tokelau does not have a domestic commercial fishing industry.</li> </ul>

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- orize vessels to fish on the High Seas.
- er Foreign Fishing Vessels.
- eographically situated between approximately 6 and 11 de and between 167 and 176 degrees West of longitude, e of the area of application.

stic commercial fishing industry.



### **Tokelau Contextual Statement**

The following points should be taken into account when considering Tokelau's completion of her AR Prt1 & AR Prt2 Reporting Template. Tokelau will refer to these points by their number when responding to fields in the template.

- **1.** Tokelau is a small island developing territory (administered by New Zealand).
- 2. Tokelau consists of three atolls with a population of 1400 people. The Tokelau EEZ is geographically situated between approximately 6 degrees and 11degrees South of latitude and between 167 and 176 degrees West of longitude
- 3. New Zealand signed UNCLOS on behalf of Tokelau and therefore New Zealand is responsible at international law for the Tokelau EEZ. Some of the administrative functions relating to the management of the Tokelau EEZ have been delegated by New Zealand to the government of Tokelau.
- **4.** Tokelau is a participating territory in the Western and Central Pacific Fisheries Commission.
- **5.** Tokelau is not a flag state. Tokelau does not authorize vessel to fish on the High Seas. Tokelau does not charter Foreign Fishing Vessels.
- **6.** Tokelau has no ports and is therefore not a Port State.
- 7. While transshipments in the EEZ is permitted by law in certain circumstances, as a matter of policy Tokelau does not currently allow transshipments to occur in its EEZ, Territorial Sea or Internal Waters.
- **8.** Tokelau has very limited fisheries scientific, management or MCS capability. However New Zealand, FFA, SPC, TVM and PNAO provide fisheries services to support Tokelau meet its fisheries obligations.
- **9.** Tokelau does not have a domestic commercial fishing industry.
- 10. The fisheries of the Tokelau EEZ are managed by way of an Offshore Fisheries Management Plan that sets tonnage zone limits for each of the tuna species supported by numerical limits on purse seine and

long line licenses. On the 1<sup>st</sup> January 2013 the management of the Tokelau purse seine fishery has been managed by way of the Vessel Day Scheme established under the Palau Arrangement.

Tokelau has a very small artisanal fishery that is carried out within its 12 nautical mile Territorial Sea and Internal Waters. This artisanal fishery is managed by the elders of each atoll with the primary objective of maintaining the food security and cultural wellbeing of each of the 3 island communities.