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Compendium of Fishery Indicators for South Pacific Albacore

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Executive summary

This paper presents a compendium of fishery indicators for South Pacific albacore tuna, as requested at previous Western and Central Pacific Fisheries Commission (WCPFC) meetings. These indicators include: total catch; catch by gear; longline effort and nominal troll and longline CPUE trends, along with their spatial patterns. Commentary includes comparisons of 2024 values to 2023 and to the average over 2019-2023. Summaries are calculated from data available as of 10 October 2025. Note that catch levels and their distribution among areas may change as more data become available. This paper complements the information provided by Hare et al. (2025) who summarise the latest trends for the main target species for the fisheries occurring in the WCPFC convention area (WCPFC-CA), and Vidal and Ruaia (2025) who provide regional catch estimates by gear and species. The most recent estimates of stock status (from the 2024 stock assessment for the entire south Pacific, Teears et al. 2024) are included. Furthermore, transshipment data are available since the inception of transshipment reporting (July 2010). Data presented represent high seas transshipments only; they do not include in-port or in-zone transshipments.

Introduction

At the 7^{th} Technical and Compliance Committee meeting (TCC), members requested the preparation of a paper on South Pacific albacore. That request indicated the paper should contain all available data on catches and transshipments, and should highlight trends in key metrics. The paper was first prepared by the scientific services provider and the WCPFC Secretariat for WCPFC8 in March 2012. It has since been updated regularly, taking into consideration further requests from members.

This paper presents trends in catch, effort and catch per unit effort (CPUE), both spatially and temporally, for the South Pacific albacore (SPA) fishery. Depending on the context, summaries are computed for the South Pacific (all waters south of the equator), for the (predominantly) albacore target longline fishery region (Pacific waters south of 10°S), and also for Exclusive Economic Zones (EEZs) and High Seas regions (HS) within the WCPFC-Convention Area (WCPFC-CA). In addition, information on transshipment patterns is presented, as requested in previous reports (WCPFC and SPC-OFP 2013).

The analyses presented are based on data available to SPC as of 10 October 2025. The overall catch, and its distribution among spatial areas, may change as more data becomes available. This is particularly the case for the eastern Pacific Ocean (EPO), where catch estimates at the required scale are incomplete for 2024, and so the 2023 catches were carried through to 2024 for this report. These will be revised with further data previsions and included when this report is presented at the TCC and commision meeting. Please note that the values may include or exclude specific fleets, cover different spatial areas, or involve different data sources to summaries produced for other purposes (e.g. CMM tables) and therefore the reported values (catch, effort, CPUE, etc.) may not be identical to those presented in other documents. The stock status information is derived from the most recent stock assessment of South Pacific albacore presented in 2024 (Teears et al. 2024).

Patterns of longline and troll fishing

The longline and troll fleets are the two primary groups of commercial vessels exploiting South Pacific albacore. In this section we examine trends in their catch, effort and CPUE. Catch and effort information comes primarily from logsheet returns and, particularly for the high seas, from the provision of aggregate data from distant water fishing nations.

Catch

Annual catch estimates for albacore in the south Pacific (south of the equator) as a whole peaked at 96,803 mt (all gears) in 2017 (Figure 1). Catch by longliners represented 98% of the catch weight in 2024 at 93,791 mt. The 2024 longline catch was a 11% increase from 2023. Provisional troll catch (1,485 mt) was a 20% decrease from 2023. Very small amounts of catch by 'other' gears also occurred. The annual contribution of the EPO catch south of the equator has ranged from 12–34% of the total catch over the past 10 years. Note that the EPO catch data were not available at the time of publication, and so the EPO component of the south Pacific catch was carried over from 2023.

In comparison, the 2024 total albacore catch within the southern part of the WCPFC-CA [1] (Table 1) was 74,962 mt and the longline catch was 73,477 mt. The 2024 longline catch in the southern WCPFC-CA was a 7% increase from 2023. High seas longline catch estimates represent 44% of the 2024 total, and has ranged from 31–53% of the total longline catch since 2010. By flag (or attributed nationality based on charter agreements), China and Chinese Taipei had the highest catch estimates of South Pacific albacore in 2024 (29,732 mt and 11,016 mt respectively), representing 55% of the total longline catch (Table 5), with much of both flag's catch being taken on the high seas (Table 6).

[1] Note that these annual catch estimate-based tables approximate the southern area of the WCPFC-CA as far as possible, given that some EEZs and high seas areas span the equator. Slightly different totals will be achieved using these EEZ-based summaries compared to those estimated at the regional level e.g. Hare et al. (2025) and Vidal and Ruia (2025), and Figure 1 in this report. Also note that archipelagic catches are excluded from this table.

Four flag states reported troll catch within the WCPFC-CA during the period 2000 to 2024, namely Canada, the Cook Islands, USA and New Zealand (Table 7), with catch totaling 1,485 mt in 2024. Troll activity in 2024 was exclusively in the New Zealand EEZ and the high seas (Table 2). Catch estimates for 2024 were 164 mt for the high seas and 1,321 mt for the New Zealand EEZ. The total troll catch within the WCPFC-CA in 2024 was a 20% decrease from the 2023 catch.

The spatial pattern of South Pacific albacore catch over the long-term (1950–2018), the last 5 years excluding the most recent year (2019–2023), and 2024 alone, are shown in Figure 2. In recent years, catch has been concentrated in EEZs and several high seas zones in the 10-20°S latitudinal band. Note that, while 2024 estimates remain provisional, the geographic distribution of catch is generally consistent with that observed in recent years, with the exception of the absence of fishing in the EPO, which will change with future data provisions from that region.

Effort

It is challenging to identify the specific species being targeted by longline vessels, particularly within the aggregate data received from some fleets fishing on the high seas. To compare estimates of effort to the declared South Pacific albacore catch, we have considered fishing effort south of 10°S to approximate South Pacific albacore targeting (noting that this will include some longline effort targeting swordfish, southern bluefin, and in some cases tropical tunas), in an effort to exclude most of the tropical longline fishery effort.

Raised effort data for the southern WCPFC-CA south of 10°S were available up to 2024 (Figure 3). The longline effort in this region was estimated at 218 million hooks in 2024, although we note there is considerable uncertainty in effort estimates for this most recent year. The number of deployed hooks in 2024 within the WCPFC-CA south of 10°S was a 7.2% increase from 2023, and a 35% decrease from the peak of 335 million hooks fished in 2010.

Effort data from VMS provides more 'up to date' information than raised logsheet data, given that logsheet effort for recent years may be incomplete, and the uncertainty in raised annual logsheet effort estimates for 2024 is high. The VMS data reported are restricted to the WCPFC-CA waters south of 10°S, in an effort to again remove fishing targeting tropical tunas. The VMS data represents fishing days which are identified using a fishing activity classification algorithm that accounts for speed and changes in bearing of the vessel.

VMS data does not explicitly indicate the species targeted by vessels during fishing. In addition, some trends over time may be influenced by increased coverage of VMS across longline vessels in the South Pacific, while data for certain EEZs may be incomplete, or not available. A list of notes on the VMS data and a table of effort by high seas area are provided in Appendix 1. To overcome the absence of VMS data for some EEZs, data were augmented with logsheet information in both New Caledonia and French Polynesia.

Effort south of 10°S (VMS fishing days, augmented by logsheet days) both within EEZs and on the high seas generally increased through to 2013, then declined to a lower average level before rebounding in 2019 and 2020. Around 24% of the VMS days occurred within the high seas in 2024 (Table 3). Overall effort has been variable since 2010, on both the high seas, and in EEZs (Table 3). VMS days fished in 2021–2024 were lower than in some prior years.

Of the VMS days fished within international waters in 2024, the most important high seas areas were Region I5, which is east of the Line Islands and French Polynesia, and Region I7, which is the region north and northeast of New Zealand (Table 10; Figure 11).

Catch per unit effort

Figure 5 presents nominal South Pacific albacore CPUE series by key longline fleets south of 10°S. Note, the values presented in Hare et al. (2025) are south of the equator, and are measured in numbers, rather than weights of fish, and will therefore differ from those presented here. Some key changes in CPUE in the recent periods were:

- Japanese longline CPUE in 2024 (22.1 kg per 100 hooks) was a 64% increase on 2023, the 2019-2023 average was 14.6 kg per 100 hooks;

- Fiji longline CPUE in 2024 (25.8 kg per 100 hooks) was a 24% increase on 2023, the 2019-2023 average was 19.4 kg per 100 hooks;
- Chinese longline CPUE in 2024 (25.4 kg per 100 hooks) was a 16% decrease on 2023, the 2019-2023 average was 20.9 kg per 100 hooks;
- Chinese Taipei longline CPUE in 2024 (32.7 kg per 100 hooks) was a 23% increase on 2023, the 2019-2023 average was 22.5 kg per 100 hooks.

Examining longer-term trends, the average nominal CPUE for the Fiji fleet was 23.7 kg per 100 hooks between 1991 and 2000, while that for the Chinese Taipei fleet was 34.9 kg per 100 hooks. In contrast, the Japanese fleet averaged 18 kg per 100 hooks over that time.

The relative spatial pattern of CPUE is presented in Figure 6 for two time periods. Over the period 2000–2021, catch rates were relatively high across much of the southern WCPFC-CA, in particular within high seas areas. Catch rates in the most recent three year period (2022–2024) were mixed when compared to that earlier period, with some 5°×5° cells showing reduced CPUE, while several cells displayed the opposite trend. In particular, the CPUE in the high seas east of New Zealand, towards the eastern boundary of the convention area was high in the most recent years.

Figure 7 presents nominal South Pacific albacore CPUE series for two troll fleets. The CPUE of the US fleet was highly variable with a general decline over the period 1987 to 2006, with catch rates in the most recent years of activity being comparable to that in the mid-2000s, with the exception of 2019-20 where CPUE was very high. By comparison, the nominal CPUE of the New Zealand fleet has generally been lower, but relatively stable. These fleets showed conflicting changes in CPUE in 2024 compared to 2023, with the US fleet experiencing lower, and the New Zealand fleet experiencing moderately higher CPUE, respectively.

Transshipment information

High seas transshipment data are available from July 2010 to the end of 2024; no in-port or in-zone transshipment data are presented. Fluctuations in reported transshipments may reflect logistical or operational factors, rather than fishing activity. It is noted that South Pacific albacore would have historically been offloaded directly to canneries (e.g. Pago Pago, American Samoa, or Levuka, Fiji) rather than being transshipped on the high seas.

There is a notable peak in transshipment activity around September or surrounding months, in many years (Figure 8). Vanuatu has had the highest transhipment volumes in the past, as averaged over the entire period. The highest peak in the time series was in October 2017 ($\sim$ 4,000 mt) (Figure 8), of which, about 2,500 mt was attributable to China and 1,000 mt to Vanuatu. Further transshipment information by flag and month is presented in Appendix 3. It should be noted that transshipment levels are unlikely to be fully reported for the most recent 18 months. Transshipment data for 2024 should, therefore, be considered preliminary and subject to change.

Albacore stock status

A South Pacific albacore stock assessment was completed in 2024 (Teears et al. 2024), and used data up until the end of 2022. The Scientific Committee meeting in 2024 (SC20) provided advice to the Commission based upon a 'model ensemble approach' that was used to characterize uncertainty in the assessment. This involved multimodal inference where values for steepness and natural mortality were drawn from distributions of potential values, with stock status assessed from the complete set of resulting models. The results of this are shown on the Majuro plot in Figure 9, and indicate the relatively healthy status of this stock, with no evidence for the stock being in an overfished state, or subject to overfishing.

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Tables

Table 1: Annual southern WCPFC-CA albacore longline catch estimates (excluding archipelagic waters) by EEZ and High Seas, since 2011. Note: Available operational and aggregate logsheet data raised to annual catch estimates. EEZ are approximate 200-mile boundaries; High seas is the high seas in the WCPFC Convention Area, south of the equator. Allocation of flag catch to EEZ is approximate due to the lack of operational logsheet data in some cases.

EEZ	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
American Samoa	1,784	2,416	1,769	1,377	1,760	1,511	1,511	1,553	1,062	701	816	1,200	939	1,050
Australia	652	702	757	728	945	910	830	751	796	1,267	1,085	1,126	834	591
Cook Islands	5,559	10,627	5,985	4,560	4,556	4,757	3,324	4,716	7,302	4,024	2,352	6,262	5,899	5,532
Fiji	4,165	4,287	3,642	3,656	5,481	4,706	5,871	5,458	5,154	4,037	4,433	5,327	3,632	6,318
Howland and Baker	0	0	0	0	0	0	0	0	0	0	0	0	0	7
High seas	23,447	30,484	31,126	21,046	24,182	18,234	39,665	30,641	28,022	32,621	23,995	28,353	36,391	32,355
Jarvis (USA)	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Kiribati	549	1,218	819	1,218	2,507	4,292	391	72	1,263	3,052	495	701	2,157	4,311
Matthew and Hunter	6	9	0	0	2	1	2	1	2	4	34	24	4	4
New Caledonia	1,734	1,711	1,713	1,628	1,578	1,745	1,719	1,742	2,009	1,896	1,745	2,150	1,854	2,025
Niue	0	0	362	200	190	86	14	364	386	383	14	0	0	0
New Zealand	418	266	302	311	223	233	181	239	117	241	185	78	77	59
French Polynesia	3,224	3,591	3,495	3,744	3,418	3,276	2,148	3,058	3,439	2,867	2,795	4,189	5,273	5,094
PNG	294	801	237	308	459	1,191	1,609	1,453	1,333	947	600	2,956	1,204	3,198
Solomon Islands	6,420	8,157	9,073	13,616	6,858	3,749	5,827	7,148	5,675	2,703	3,174	5,915	4,121	5,149
Tokelau	92	250	0	7	1,871	2,466	1,697	632	1,976	910	474	1,176	830	2
Tonga	36	760	1,471	264	710	1,111	800	842	1,352	930	810	879	1,578	1,103
Tuvalu	467	930	1,491	465	404	1,489	1,427	944	1,581	552	193	408	93	782
Vanuatu	6,071	4,281	6,813	6,279	5,444	7,317	7,874	5,689	6,167	3,839	1,852	4,965	2,565	5,561
Wallis and Futuna	3	0	0	0	0	0	0	0	0	1	3	0	24	0
Samoa	1,415	2,038	1,642	800	840	823	1,638	1,364	1,442	906	908	1,023	1,116	333
Total	56,336	72,528	70,697	60,207	61,428	57,897	76,528	66,667	69,078	61,881	45,963	66,732	68,591	73,477
EEZ percent	58	58	56	65	61	69	48	54	59	47	48	58	47	56
HS percent	42	42	44	35	39	31	52	46	41	53	52	42	53	44

Table 2: Annual southern WCPFC-CA albacore troll catch estimates by EEZ and High Seas, Since 2011. Note: Available operational and aggregate logsheet data raised to annual catch estimates. EEZ are approximate 200-mile boundaries (excluding archipelagic waters); High seas is the high seas in the WCPFC Convention Area, south of the equator.

EEZ	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
High seas	402	235	390	466	177	189	465	430	872	3,852	1,339	2,800	656	164
New Zealand	2,787	2,727	2,836	1,937	2,425	1,969	1,953	2,255	2,635	4,751	4,037	3,777	1,192	1,321
Total	3,189	2,962	3,226	2,403	2,602	2,158	2,418	2,685	3,507	8,603	5,376	6,577	1,848	1,485
EEZ percent	87	92	88	81	93	91	81	84	75	55	75	57	65	89
HS percent	13	8	12	19	7	9	19	16	25	45	25	43	35	11

Table 3: Total longline VMS fishing days (augmented by logsheets for New Caledonia and French Polynesia) by year and geographic area in the WCPFC-CA south of 10°S.

EEZ	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
EEZ	62,169	63,048	64,135	53,803	55,932	62,734	63,161	64,536	68,494	68,348	53,270	57,371	64,148	56,343
High seas	20,934	21,322	28,174	24,413	21,053	18,253	22,562	24,304	26,706	29,443	22,847	17,612	20,967	17,841
Total	83,103	84,370	92,309	78,216	76,984	80,988	85,723	88,840	95,200	97,792	76,116	74,983	85,115	74,184
EEZ percent	75	75	69	69	73	77	74	73	72	70	70	77	75	76
HS percent	25	25	31	31	27	23	26	27	28	30	30	23	25	24

Table 4: Annual total and monthly average transshipment of albacore in the high seas of the WCPFC-CA in metric tonnes. Note that values for 2024 are probably incomplete.

Year	Annual total	Monthly average
2010	4,091	682
2011	9,458	788
2012	5,976	498
2013	10,228	852
2014	10,760	897
2015	10,264	855
2016	18,747	1,562
2017	18,434	1,536
2018	23,651	1,971
2019	25,105	2,092
2020	25,045	2,087
2021	18,314	1,526
2022	16,634	1,386
2023	17,523	1,460
2024	16,003	1,334

Table 5: Annual southern WCPFC-CA albacore longline catch estimates by Vessel flag (including chartered vessels), 2011 - 2024. Note: Available operational and aggregate logsheet data raised to annual catch estimates (ACE). Differences in annual totals between this table and Table 1 result from rounding errors. Southern WCPFC-CA is approximated - some EEZ and high seas areas span the equator.

Flag	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Australia	653	709	773	737	949	916	831	752	798	1,163	1,073	1,075	704	586
Belize	52	18	7	0	0	0	0	0	0	0	0	0	0	0
Cook Islands	2,182	2,757	1,354	1,186	1,167	1,352	2,562	3,083	2,277	1,194	766	952	219	106
China	11,847	24,523	23,790	14,471	14,494	16,124	29,150	21,134	22,622	20,377	15,954	26,220	26,516	29,732
Spain (EC)	6	3	3	2	1	2	2	2	2	4	4	66	7	9
Fiji	9,947	9,369	8,708	7,057	7,041	7,285	9,763	8,854	8,343	6,554	6,390	7,101	6,127	8,436
FSM	1	156	634	366	1,224	1,966	250	1,461	2,098	892	818	1,691	2,450	2,144
Japan	2,136	2,230	1,866	1,186	928	1,596	1,759	1,164	1,078	1,278	1,068	1,293	1,089	1,136
Kiribati	200	349	40	7	357	509	653	340	1,123	1,865	1,056	1,044	2,705	6,530
Republic of Korea	488	892	767	691	1,013	1,387	1,134	1,064	1,692	711	379	1,124	886	968
Marshall Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Caledonia	1,736	1,715	1,714	1,630	1,583	1,747	1,734	1,752	2,011	1,897	1,774	2,158	1,858	2,022
New Zealand	418	266	302	311	223	233	181	239	117	165	157	74	70	59
French Polynesia	3,225	3,594	3,512	3,744	3,418	3,277	2,148	3,058	3,439	2,812	2,689	4,185	5,221	5,066
PNG	245	693	234	305	336	48	627	92	39	19	0	486	94	0
Philippines	0	0	0	0	0	0	0	0	0	0	0	0	10	140
Portugal (EC)	4	1	67	1	0	0	0	0	0	0	0	0	0	0
Solomon Islands	899	0	0	14,234	11,249	1,695	0	1,918	2,538	2,261	2,094	2,723	2,337	2,145
Tonga	34	20	13	25	29	42	26	23	29	13	10	52	32	17
Tuvalu	184	432	169	78	97	52	175	121	64	123	57	0	0	0
Chinese Taipei	13,380	12,116	14,686	8,293	8,806	12,481	16,766	12,804	12,627	14,885	6,394	11,932	13,597	11,016
USA	2,555	3,461	2,213	1,543	1,961	1,655	1,539	1,567	1,090	718	856	1,235	1,033	1,164
Vanuatu	4,726	7,185	8,202	3,541	5,713	4,582	4,855	5,555	4,482	3,533	3,429	1,870	1,589	1,815
Wallis and Futuna	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Samoa	1,415	2,038	1,642	800	840	947	2,374	1,684	2,610	1,417	991	1,450	2,049	389

Table 6: Annual southern WCPFC-CA albacore longline catch estimates by Vessel flag (including chartered vessels) in each EEZ, 2014 - 2024. Note: Available operational and aggregate logsheet data raised to annual catch estimates (ACE). Differences in annual totals between this table and Table 1 result from rounding errors. Southern WCPFC-CA is approximated - some EEZ and high seas areas span the equator.Note that, occasionally there will be cases of minor catches being attributed to an EEZ that will not align with the licensing arrangements for that EEZ. For example, the attribution is approximate, and based on the distribution of observed fishing effort from logsheets for each flag, So if there are any mistaken spatial coordinates on logsheets, or sets fished on the border of an EEZ, a small amount of catch may be attributed to that EEZ.

EEZ	Flag	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Am. Samoa	CK	0	0	0	0	0	0	1	0	1	0	1
	CN	0	0	0	0	0	0	1	0	2	1	0
	FM	0	0	0	0	0	0	0	0	0	2	0
	US	1,377	1,760	1,511	1,511	1,553	1,062	695	812	1,190	929	1,049
	WS	0	0	0	0	0	0	4	4	7	6	0
Australia	AU	728	945	910	830	751	796	1,157	1,072	1,074	699	584
	CK	0	0	0	0	0	0	1	2	0	0	0
	CN	0	0	0	0	0	0	16	3	30	33	0
	FJ	0	0	0	0	0	0	0	1	0	3	0
	JP	0	0	1	0	0	0	38	4	21	21	6
	PG	0	0	0	0	0	0	0	0	0	0	0
	SB	0	0	0	0	0	0	4	3	0	2	1
	TV	0	0	0	0	0	0	0	0	0	0	0
	TW	0	0	0	0	0	0	51	0	0	77	0
Cook Islands	CK	1,150	1,040	1,267	2,370	2,299	1,196	273	215	175	158	104
	CN	3,186	2,238	1,542	695	940	4,597	2,912	1,375	4,166	3,142	3,314
	FJ	0	0	0	0	0	0	0	0	0	0	0
	FM	174	1,198	1,945	248	1,437	1,491	769	742	1,679	2,443	1,935
	KI	0	0	0	0	0	5	43	7	0	2	155
	KR	0	1	0	0	0	0	0	0	0	0	0
	TW	0	0	0	12	39	13	27	13	242	45	0
	US	40	75	0	0	0	0	0	0	0	0	0
	VU	10	4	3	0	0	0	0	0	0	0	0
	WS	0	0	0	0	0	0	0	0	0	109	24
Fiji	CN	196	323	642	214	11	24	4	3	18	6	0
	FJ	3,459	5,151	4,062	5,656	5,443	5,130	4,031	4,428	5,308	3,625	6,177
	JP	0	0	0	0	0	0	0	1	0	0	0
	KR	0	0	2	0	0	0	2	0	1	0	0
	PH	0	0	0	0	0	0	0	0	0	0	140
	TV	0	0	0	0	0	0	0	0	0	0	0
	TW	1	0	0	0	3	0	0	0	0	0	0
	VU	0	5	0	1	0	0	0	0	0	0	0
F. Polynesia	CN	0	0	0	0	0	0	0	0	3	13	0
	KR	0	0	0	0	0	0	1	2	1	0	29
	PF	3,744	3,418	3,276	2,148	3,058	3,439	2,812	2,689	4,184	5,221	5,066
	TW	0	0	0	0	0	0	54	103	1	39	0
	VU	0	0	0	0	0	0	0	0	0	0	0
High seas	AU	9	4	6	1	1	2	5	1	0	5	2
	BZ	0	0	0	0	0	0	0	0	0	0	0
	CK	0	1	6	110	270	165	244	157	41	61	0
	CN	6,141	8,308	3,360	18,566	11,064	8,474	10,332	11,963	12,783	18,907	15,153
	ES	2	1	2	2	2	2	4	4	66	7	9
	FJ	1,802	1,037	1,074	1,466	1,512	1,011	1,404	903	457	1,385	1,053
	FM	192	25	20	2	24	606	23	76	12	3	114
	JP	1,125	717	597	667	366	406	917	704	700	682	1,086
	KI	1	162	13	240	283	147	219	339	242	464	1,410
	KR	163	272	463	638	499	1,186	695	368	1,054	789	914

	MH	0	0	0	0	0	0	0	0	0	0	0
	NC	2	4	2	14	10	0	0	0	0	0	0
	NZ	0	0	0	0	0	0	0	0	0	0	0
	PF	0	0	1	0	0	0	0	0	0	0	0
	PG	0	0	33	139	0	0	0	0	0	9	0
	PH	0	0	0	0	0	0	0	0	0	0	0
	PT	1	0	0	0	0	0	0	0	0	0	0
	SB	770	1,637	239	0	17	46	1,093	5	53	109	29
	TO	1	0	0	1	0	0	0	0	0	0	0
	TV	1	1	1	52	15	4	117	57	0	0	0
	TW	7,545	7,974	9,670	13,635	11,498	11,821	14,070	5,956	11,103	12,263	10,629
	US	125	126	144	28	15	28	23	44	45	104	115
	VU	3,165	3,911	2,597	4,072	4,959	4,105	3,471	3,419	1,795	1,589	1,808
	WS	0	0	5	34	107	20	3	0	1	16	32
Howland and Baker	KI	0	0	0	0	0	0	0	0	0	0	0
	KR	0	0	0	0	0	0	0	0	0	0	7
	VU	0	0	0	0	0	0	0	0	0	0	0
Jarvis (USA)	CN	0	0	0	0	0	0	0	0	0	0	0
	KI	0	0	0	0	0	0	0	0	0	0	0
	KR	0	0	0	0	0	0	0	0	0	0	3
Kiribati	BZ	0	0	0	0	0	0	0	0	0	0	0
	CN	308	1,330	3,020	166	4	170	1,432	66	25	183	422
	FJ	164	135	140	4	0	50	0	0	0	2	0
	FM	0	0	1	1	0	0	0	0	0	1	68
	JP	6	0	0	0	0	0	0	0	0	0	0
	KI	1	54	406	207	57	971	1,602	414	646	1,960	3,810
	KR	351	612	416	11	9	38	6	3	13	0	9
	PF	0	0	0	0	0	0	0	0	1	0	0
	PH	0	0	0	0	0	0	0	0	0	10	0
	SB	0	0	0	0	0	0	0	0	0	0	0
	TV	0	0	0	0	0	0	0	0	0	0	0
	TW	235	192	213	2	3	34	11	11	0	0	1
	VU	152	184	95	0	0	1	0	0	16	0	0
	WS	0	0	0	0	0	0	1	0	0	0	0
Mthw-Hunter	CN	0	0	0	0	0	0	2	1	7	0	4
	FJ	0	1	1	0	1	0	0	0	1	0	0
	NC	0	1	0	1	0	2	1	32	16	4	0
	VU	0	0	0	1	0	0	0	0	0	0	0
New Caledonia	AU	0	0	0	0	0	0	0	0	1	0	0
	CN	0	0	0	0	0	0	0	3	7	0	1
	JP	0	0	0	0	0	0	0	0	0	0	2
	NC	1,628	1,578	1,745	1,719	1,742	2,009	1,896	1,742	2,142	1,854	2,021
New Zealand	CN	0	0	0	0	0	0	1	2	2	0	0
	FJ	0	0	0	0	0	0	0	0	0	1	0
	JP	0	0	0	0	0	0	2	2	2	6	0
	NZ	311	223	233	181	239	117	165	157	74	70	59
	TW	0	0	0	0	0	0	73	24	0	0	0
Niue	CK	36	0	0	0	362	386	124	14	0	0	0
	FJ	146	187	86	14	0	0	0	0	0	0	0
	TW	18	3	0	0	2	0	0	0	0	0	0
	WS	0	0	0	0	0	0	259	0	0	0	0
PNG	AU	0	0	0	0	0	0	0	0	0	0	0
	CN	3	0	101	0	559	578	603	239	1,892	729	3,135
	FM	0	0	0	0	0	0	0	0	0	0	20
	JP	0	105	998	1,092	796	673	320	357	570	381	42
	KI	0	0	0	0	0	0	0	0	0	9	0
	KR	0	0	0	0	0	0	0	2	0	0	0
	PG	305	336	14	488	92	39	19	0	486	84	0

	SB	0	0	0	0	0	0	1	1	6	0	0
	TW	0	19	78	28	6	43	5	1	2	1	0
Samoa	CK	0	0	0	0	0	0	282	195	348	0	0
	CN	0	0	0	0	0	0	0	0	0	0	0
	FJ	0	0	0	0	0	0	14	6	0	0	0
	TW	0	0	0	0	0	0	0	0	0	1	0
	VU	0	0	0	0	0	0	20	8	0	0	0
	WS	800	840	823	1,638	1,364	1,442	589	698	675	1,115	333
Solomon Is.	CK	0	0	0	0	0	0	0	0	0	0	0
	CN	239	0	1,492	3,324	3,875	2,930	1,531	1,056	3,073	1,478	2,995
	FJ	121	0	554	163	558	213	2	0	0	0	0
	JP	55	106	0	0	1	0	0	0	0	0	0
	KI	0	0	0	1	0	0	1	2	0	3	0
	KR	57	34	2	40	11	16	3	3	48	97	6
	PG	0	0	0	0	0	0	0	0	0	0	0
	SB	12,729	6,718	535	0	1,901	2,492	1,163	2,084	2,664	2,226	2,067
	TV	0	0	0	0	0	0	0	0	0	0	0
	TW	278	0	1,166	2,180	578	1	3	28	129	318	81
	VU	136	0	0	119	223	23	0	0	0	0	0
Tokelau	CK	0	125	78	82	152	531	268	184	386	0	0
	CN	0	0	5	57	6	6	3	1	1	4	0
	FJ	1	1	0	0	0	0	32	2	0	0	0
	FM	0	0	0	0	0	0	0	0	0	0	0
	KI	5	140	91	204	0	0	0	0	0	2	1
	KR	0	0	0	0	0	0	2	1	1	0	0
	TV	0	0	0	0	0	0	0	0	0	0	0
	TW	0	0	286	142	0	0	3	3	17	21	1
	VU	0	1,605	1,886	510	262	291	42	2	8	0	0
	WS	0	0	119	702	212	1,147	560	283	764	803	0
Tonga	CK	0	0	0	0	0	0	0	0	0	0	0
	CN	107	61	1	7	13	0	0	0	0	0	0
	FJ	1	2	1	0	131	608	326	548	389	719	786
	TO	24	29	42	25	23	29	13	10	52	32	17
	TW	133	618	1,067	767	676	714	588	249	434	827	301
	WS	0	0	0	0	0	0	3	3	3	1	0
Tuvalu	CK	0	0	0	0	0	0	0	0	0	0	0
	CN	129	148	271	477	153	212	271	163	177	49	327
	FJ	139	62	662	383	140	804	275	14	196	39	38
	FM	0	0	0	0	0	0	0	0	0	0	6
	JP	0	0	0	0	0	0	0	0	0	0	0
	KI	0	0	0	0	0	0	0	11	28	0	409
	KR	120	94	505	445	545	453	1	1	5	0	0
	TV	77	95	51	123	106	60	5	0	0	0	0
	TW	0	0	0	0	0	0	0	5	3	5	2
	US	0	0	0	0	0	0	0	0	0	0	0
	VU	0	5	0	0	0	53	0	0	0	0	0
Vanuatu	CN	4,162	2,085	5,691	5,645	4,510	5,632	3,270	1,079	4,035	1,946	4,380
	FJ	1,223	464	705	2,077	1,070	527	470	489	749	352	382
	FM	0	0	0	0	0	0	100	0	0	0	0
	KI	0	0	0	0	0	0	0	283	127	265	745
	PG	0	0	0	0	0	0	0	0	0	1	0
	SB	735	2,894	921	0	0	0	0	1	0	1	47
	TW	83	1	0	0	0	0	0	1	3	0	0
	VU	77	0	0	152	110	8	0	0	51	0	7
Wal-Futuna	CN	0	0	0	0	0	0	0	0	0	24	0
	FJ	0	0	0	0	0	0	0	0	0	1	0
	VU	0	0	0	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0	0	0	0

	WS	0	0	0	0	0	0	0	2	0	0	0

Table 7: Annual South Pacific albacore troll catch estimates in the southern WCPFC-CA, by flag, 2000–2024.

Year	Canada	Cook Islands	New Zealand	USA	Total
2000	351	335	3,336	2,433	6,455
2001	206	202	2,736	2,107	5,253
2002	144	166	3,012	1,337	4,661
2003	0	688	3,721	1,574	5,984
2004	63	376	3,212	960	4,614
2005	72	89	2,855	487	3,503
2006	135	121	2,043	585	2,884
2007	27	53	1,736	198	2,014
2008	0	0	3,352	150	3,502
2009	0	0	1,794	237	2,031
2010	0	0	1,832	307	2,139
2011	0	0	2,787	402	3,189
2012	0	0	2,727	235	2,962
2013	0	0	2,836	390	3,226
2014	0	21	1,937	445	2,403
2015	0	21	2,425	156	2,602
2016	0	21	1,969	168	2,158
2017	0	0	1,953	465	2,418
2018	0	1	2,255	429	2,685
2019	0	0	2,635	872	3,507
2020	0	0	2,825	5,778	8,603
2021	31	0	3,383	1,962	5,376
2022	0	0	2,377	4,200	6,577
2023	0	0	864	984	1,848
2024	0	0	1,321	164	1,485

Figures

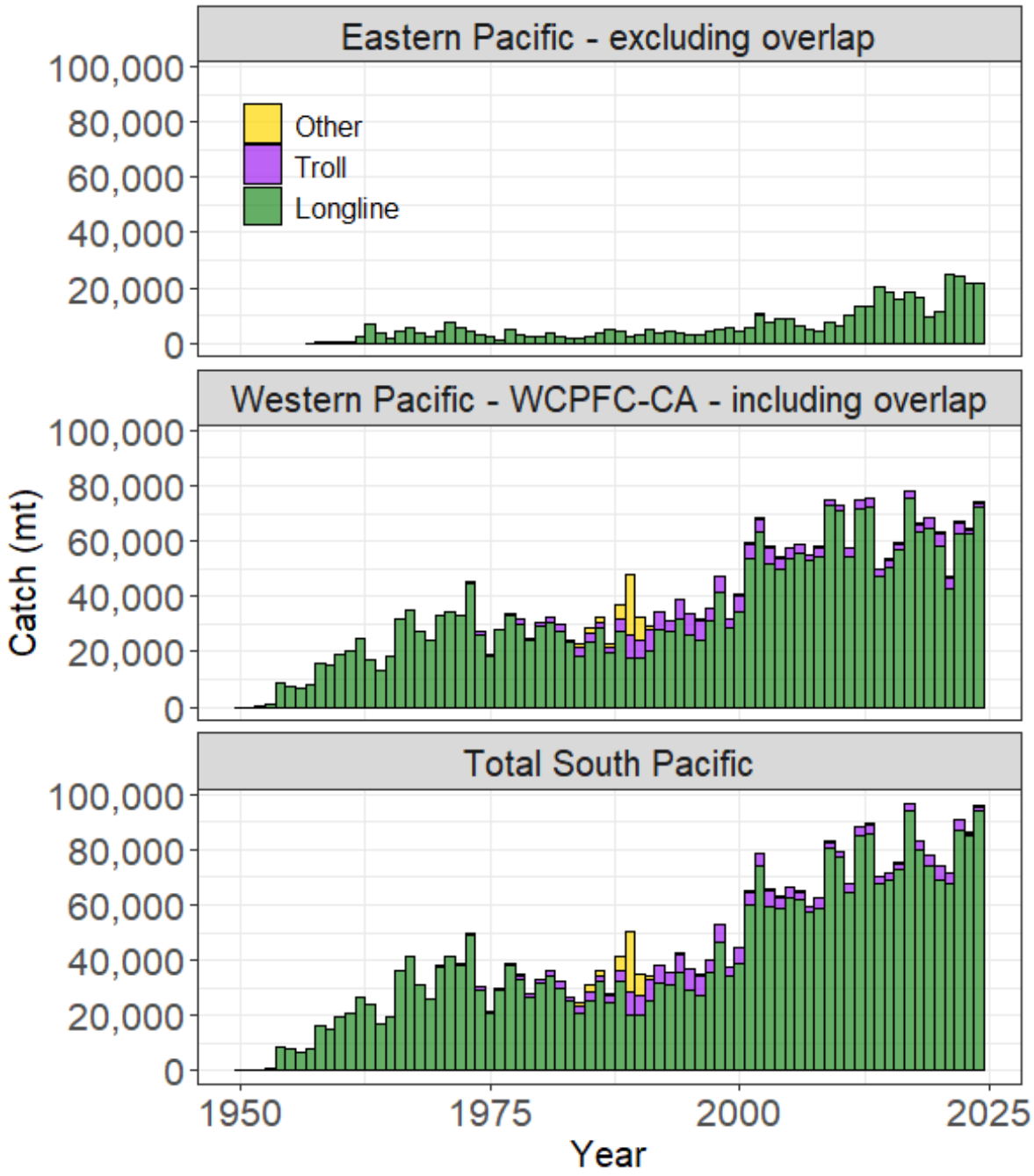

Figure 1: South Pacific albacore catch by gear (all Pacific Ocean waters south of the equator, including archipelagic waters). Note that the EPO catch in 2024 has been carried over from 2023

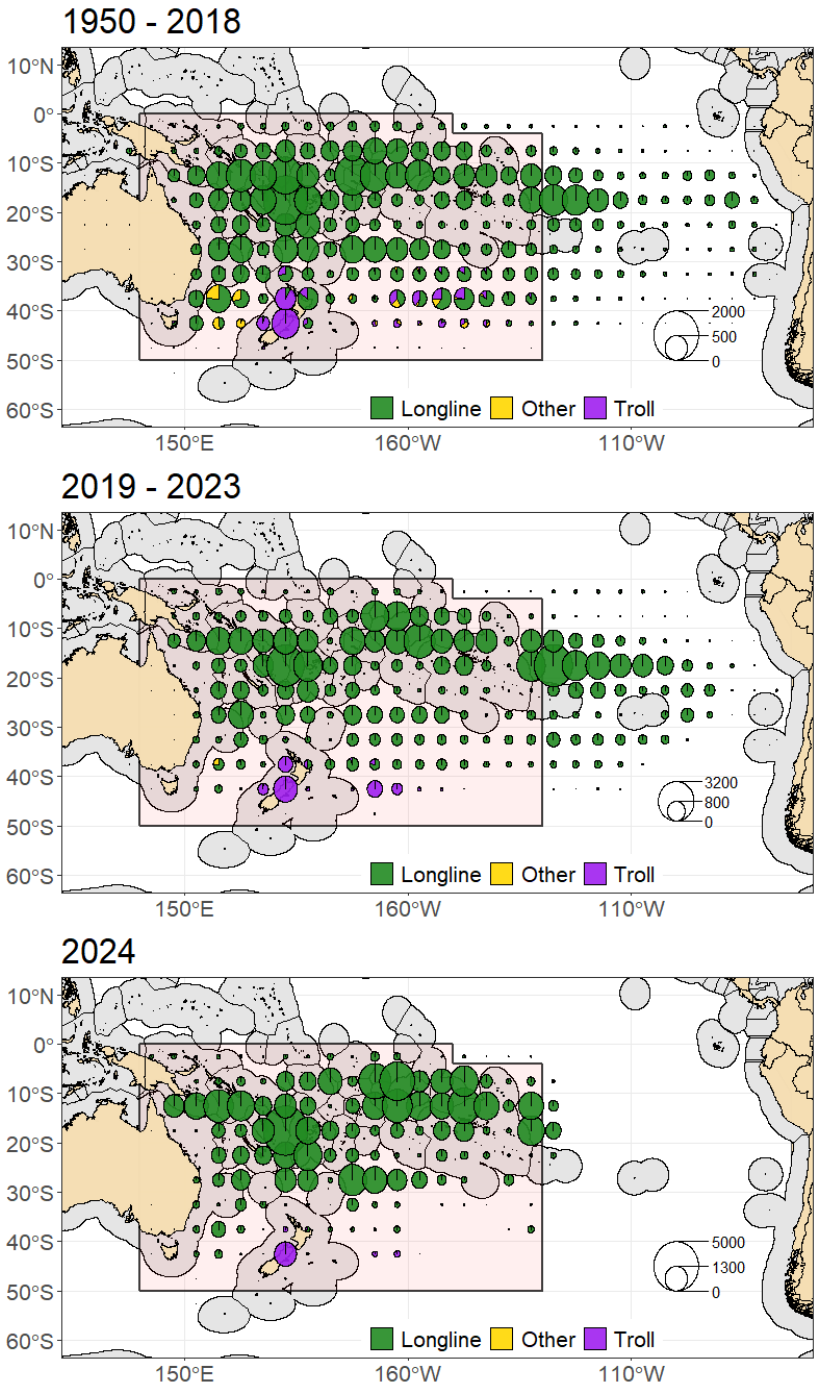

Figure 2: Albacore tuna catch distribution by gear type and 5°×5° degree region in the South Pacific Ocean for the period 1950-2018 (top), 2019 -2023 (middle) and 2024 (bottom). Circle size represents total catch volume with maximum circle size presented in the legends.

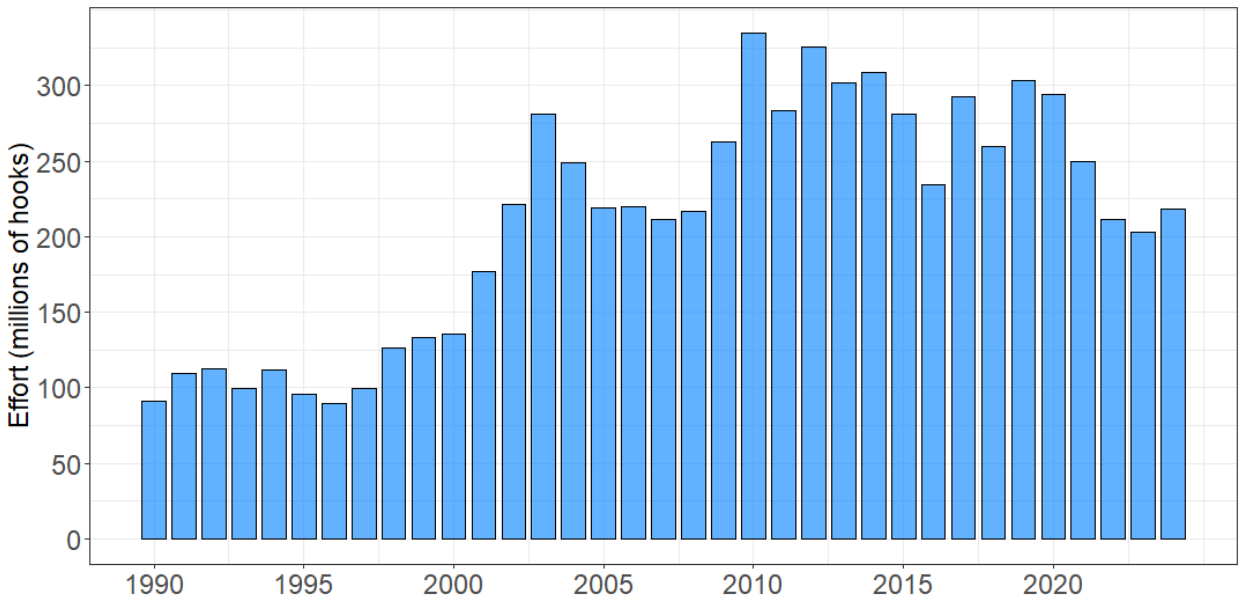

Figure 3: Temporal trends in effort (millions of hooks) in the southern longline fishery (WCPFC-CA south of 10°S).

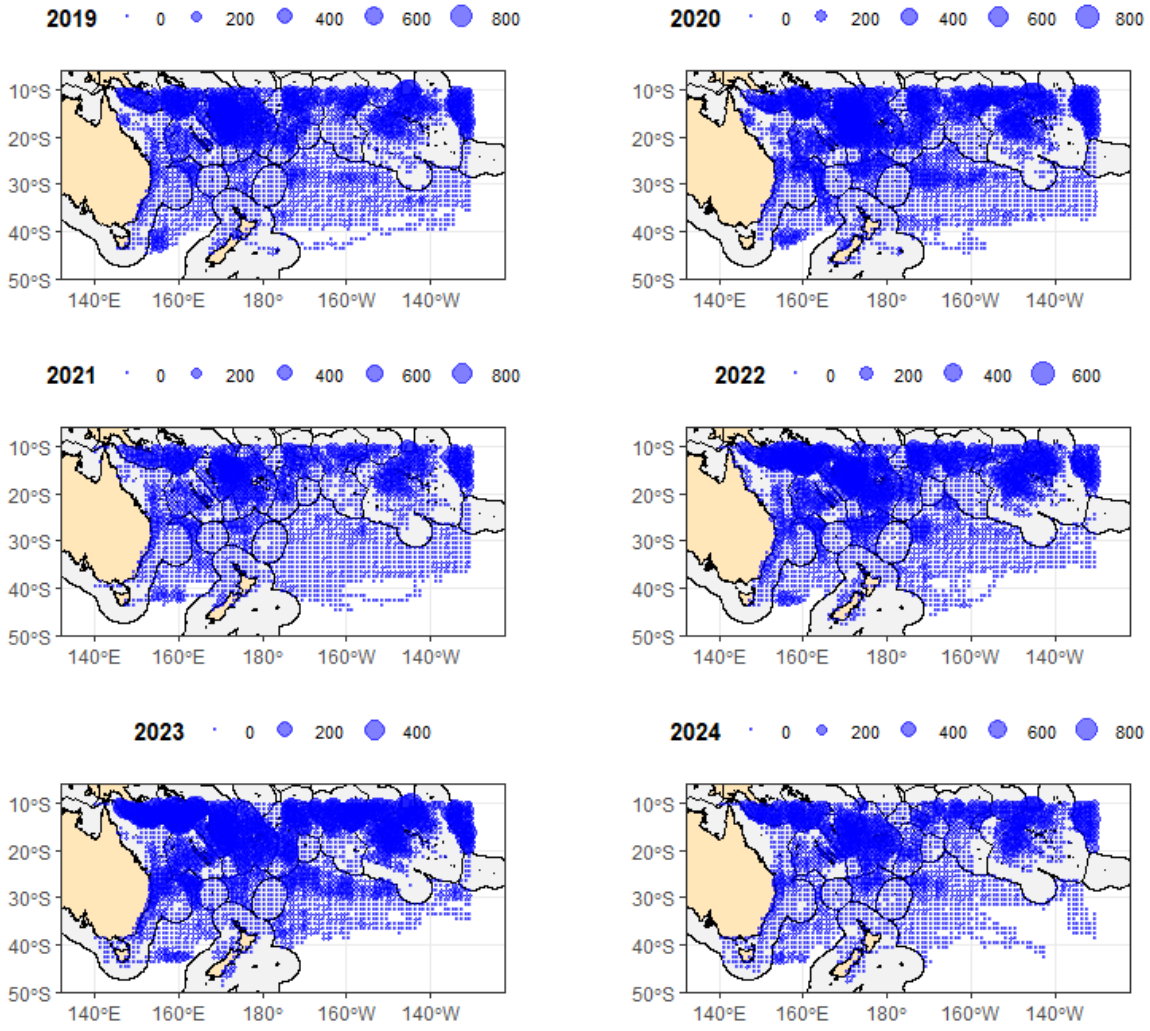

Figure 4: Longline VMS fishing days (augmented by logsheets for New Caledonia and French Polynesia) within the southern WCPFC-CA south of 10°S at the 1°×1° scale.

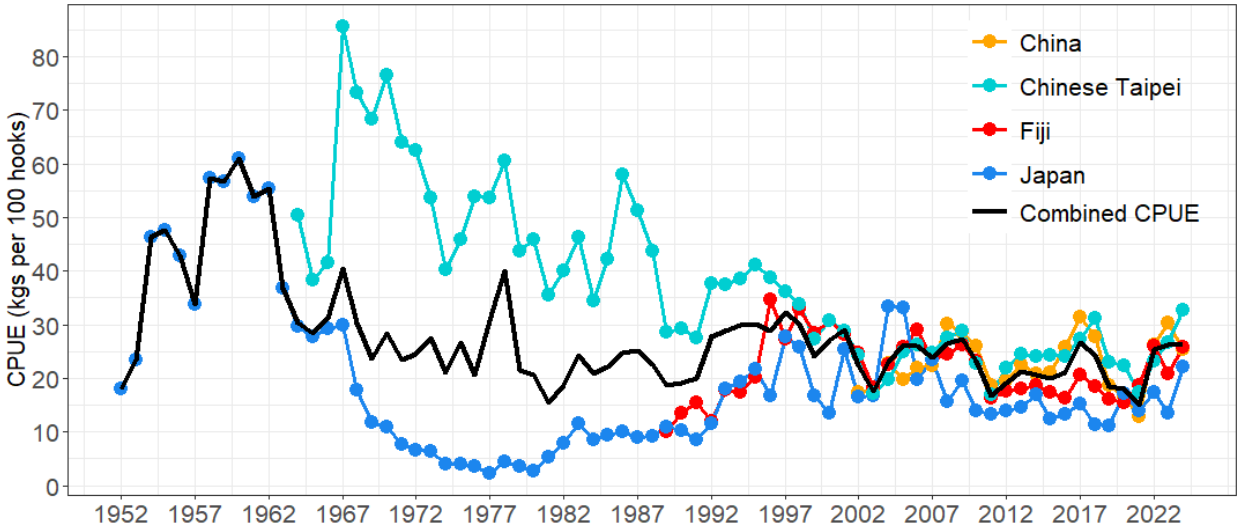

Figure 5: Trends in the nominal CPUE (kg per 100 hooks) over time for key fleets (high, widespread catches) in the southern WCPFC-CA south of 10°S. The black line is the combined CPUE over each of the fleets shown.

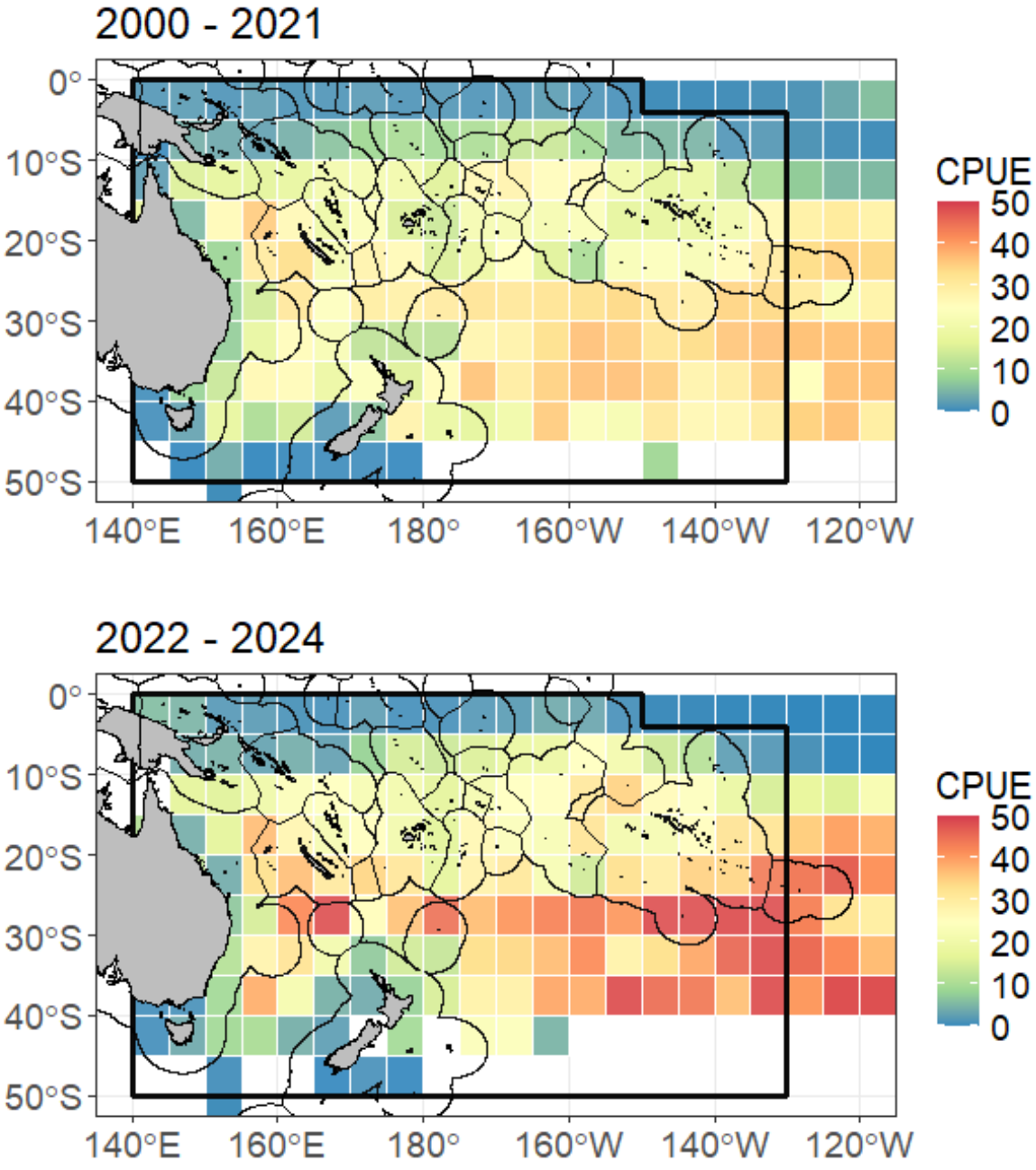

Figure 6: Albacore tuna longline CPUE distribution for the period 2000–2021 (top), and 2022–2024 (bottom). CPUE (kg/100 hooks) for a given 5°×5° square is indicated by the colour of the tile.

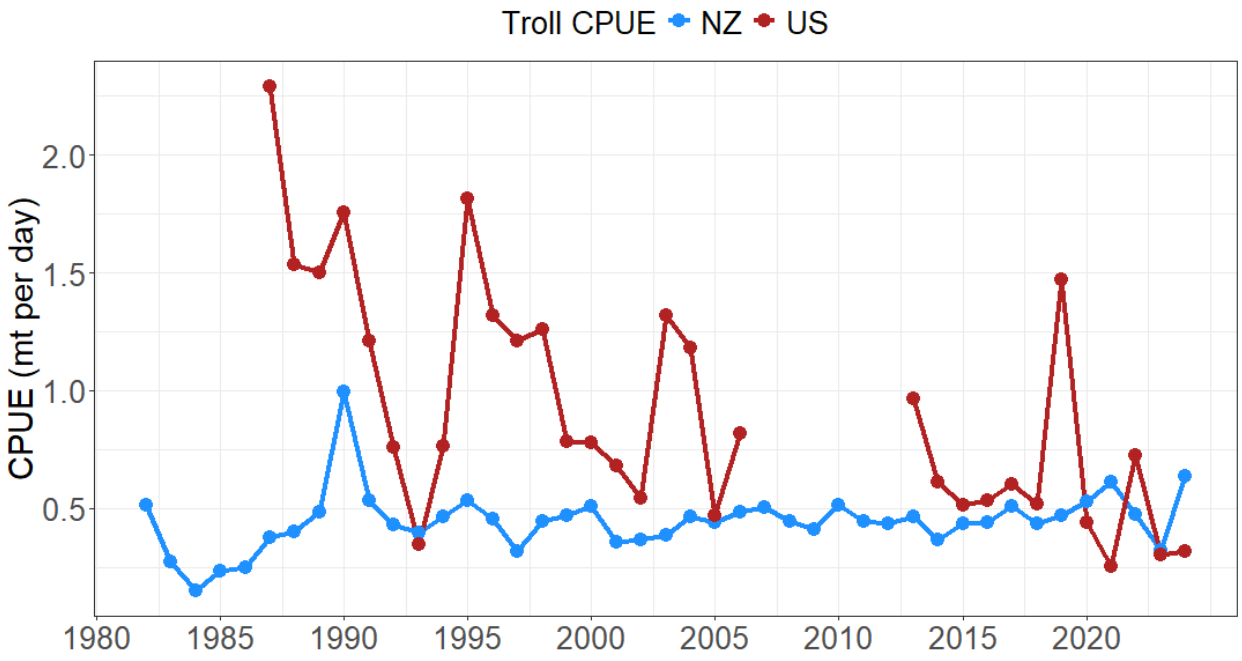

Figure 7: Trends in troll CPUE (albacore mt/day) over time in the WCPFC-CA south of 10°S for two troll fleets.

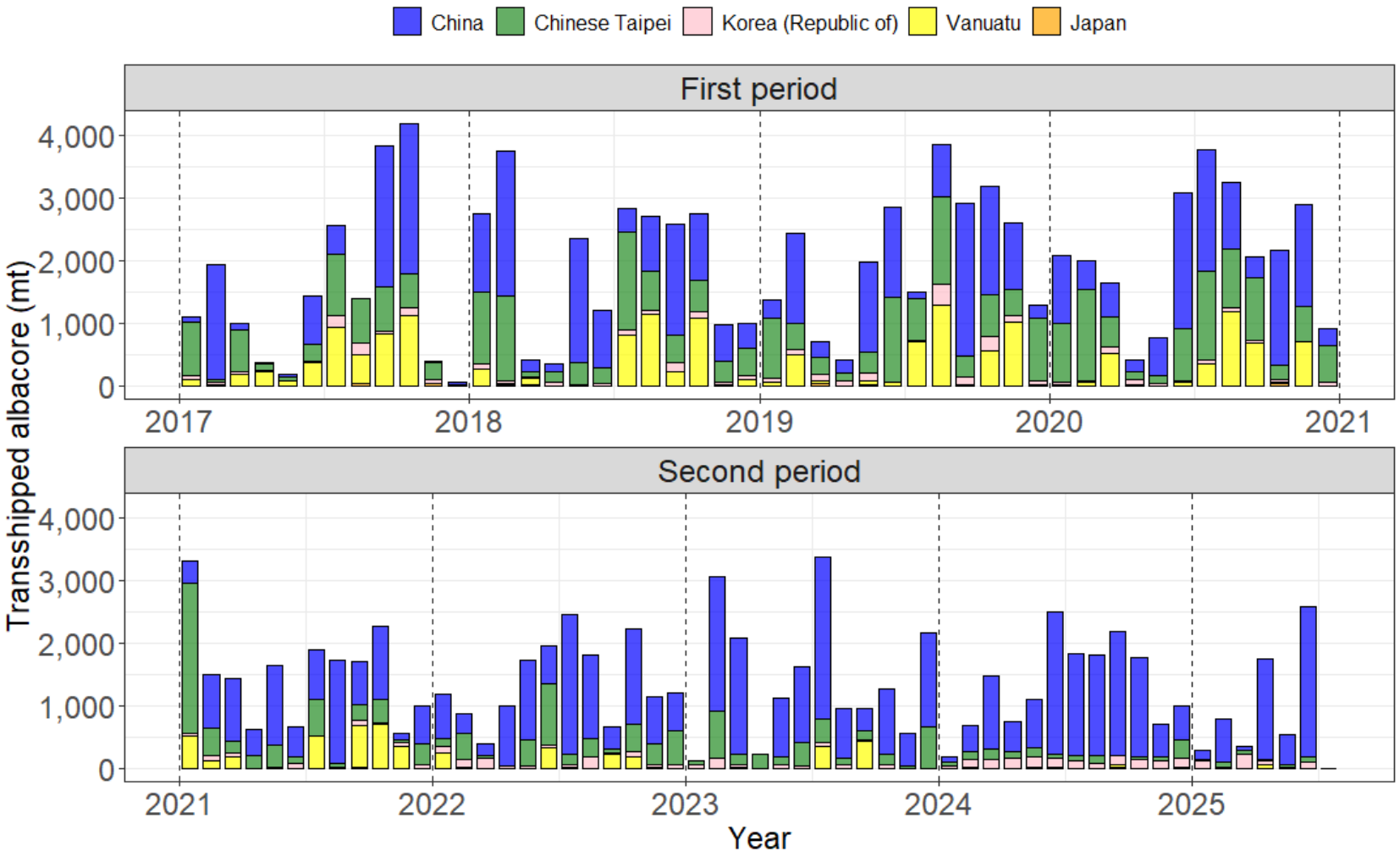

Figure 8: Reported transshipment (mt) by flag and month for 2016 to 2020 (top) and 2021 to 2025 (bottom). Source: WCPFC Transshipment Events Database (12 July 2022).

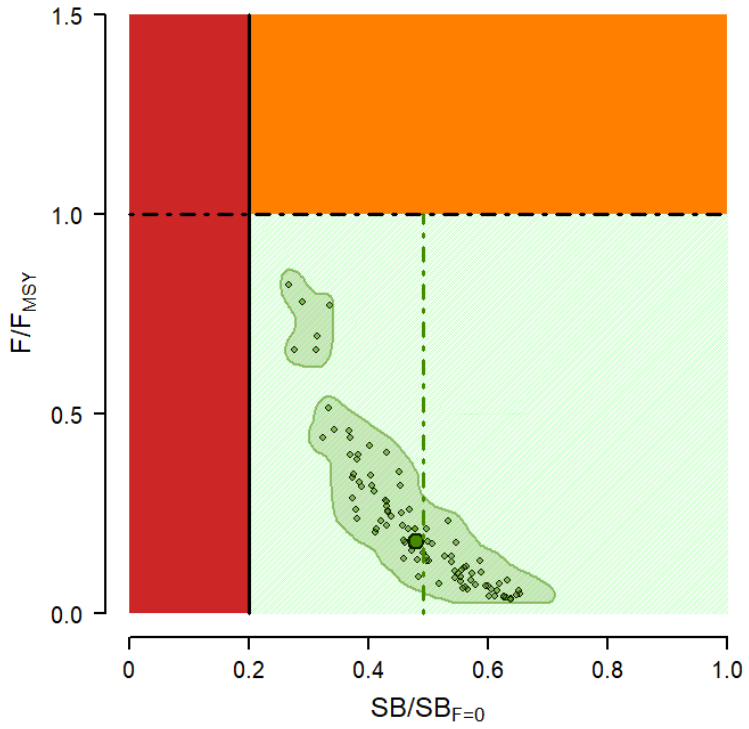

Figure 9: SPA stock status (full south Pacific stock, including EPO), as measured by $\mathrm{SB}_{recent}/\mathrm{SB}_{F=0}$, and $\mathrm{F}/\mathrm{F}_{MSY}$, shown on a Majuro plot. The small green points show the stock status of each model in then model ensemble, the large green point is the median stock status for the 'recent' period and the shaded contour region indicates the range of uncertainty in stock status from other runs in the structural uncertainty grid including their (bootstrapped) statistical uncertainty.

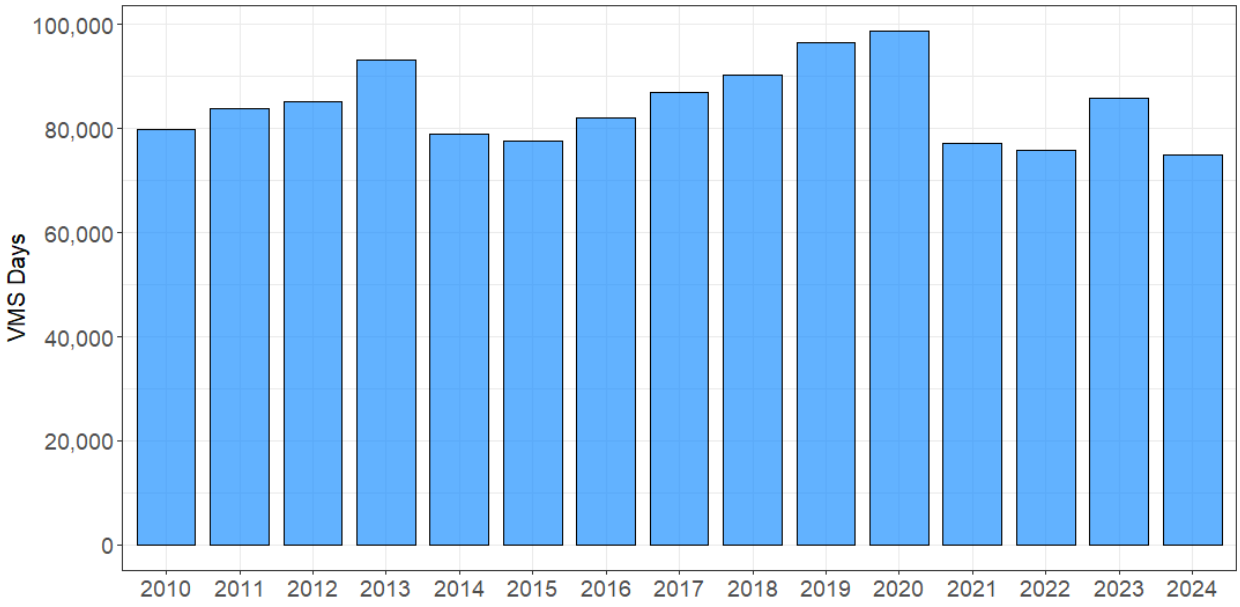

Figure 10: Longline VMS fishing days (augmented by logsheets for New Caledonia and French Polynesia) within the southern WCPFC-CA at the 1°×1° scale, south of 10°S.

Appendix 1: Notes on the time series of longline VMS information in the South Pacific

This analysis summarises the longline VMS information available to SPC through the FFA and WCPFC over the period 2010-2024, by geographic region of the southern WCPFC-CA. Effort in that database corresponds to fishing days. Please note:

- This analysis uses annual VMS data available up to and including 10 October 2025;
- Effort represents total longline effort, not just that targeted at South Pacific albacore;
- VMS effort presented for EEZs includes that in archipelagic waters;
- Effort data for some countries (e.g. those with domestic longliners not on the FFA VMS system) will not be included within EEZ patterns;
- Effort for some countries (e.g. New Caledonia; French Polynesia) may be incomplete and so data were augmented with logsheets for those two countries;
- Some trends may result from improved VMS coverage of vessels over time;
- EEZ effort excludes the Indonesian EEZ.

Table 8: Total longline VMS fishing days (augmented by logsheets for New Caledonia and French Polynesia) by year for all EEZs and the High Seas (HS) in the WCPFC-CA, south of 10°S (Figure 11)

EEZ	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
American Samoa	716	853	906	599	408	799	1,914	2,654	1,994	1,743	1,321	1,140	1,210	1,213
Australia	864	694	613	796	2,075	2,147	2,752	2,294	2,642	2,388	2,780	2,303	2,906	2,109
Cook Islands	4,910	8,063	6,091	4,140	3,146	4,333	4,811	3,704	4,230	5,092	3,969	4,537	6,130	4,905
Fiji	11,405	12,600	9,608	8,946	9,990	9,346	10,003	10,966	11,648	10,335	9,277	7,898	8,060	9,870
High seas	20,934	21,322	28,174	24,413	21,053	18,253	22,562	24,304	26,706	29,443	22,847	17,612	20,967	17,841
Kiribati	1,736	2,032	3,343	1,145	1,544	3,855	423	3	927	3,058	863	768	2,271	1,783
Matthew and Hunter	31	19	16	26	31	16	14	18	7	23	38	15	23	11
New Caledonia	2,635	2,677	2,407	2,306	2,250	2,417	2,387	2,473	2,498	2,792	2,717	2,583	2,631	2,228
Niue	5	9	365	303	280	535	358	750	847	900	35	21	2	27
New Zealand	328	389	145	170	222	133	90	202	522	543	407	365	309	329
French Polynesia	5,827	6,349	7,506	7,829	8,991	9,039	8,206	9,254	9,653	9,768	10,160	10,689	10,777	9,782
PNG	687	412	154	32	214	2,032	2,300	2,889	3,672	3,192	2,998	5,439	7,194	5,786
Solomon Islands	16,203	13,886	17,477	16,208	13,522	9,665	8,040	13,400	11,901	10,241	8,730	10,042	12,072	7,654
Tokelau	40	14	32	64	1,089	1,433	1,028	433	818	719	591	689	432	7
Tonga	94	1,503	4,269	864	1,440	1,996	1,695	792	2,653	2,077	2,015	1,414	2,397	1,890
Tuvalu	905	515	159	216	222	925	1,123	240	443	614	331	275	29	38
Vanuatu	15,753	12,883	10,639	10,052	9,258	11,527	15,047	10,666	11,449	12,244	5,198	7,392	5,641	7,782
Wallis and Futuna	26	35	49	42	64	58	35	26	35	37	21	31	36	70
Samoa	6	113	357	65	1,185	2,478	2,934	3,771	2,555	2,582	1,819	1,770	2,029	861
Total	83,103	84,370	92,309	78,216	76,984	80,988	85,723	88,840	95,200	97,792	76,116	74,983	85,115	74,184
EEZ percent	75	75	69	69	73	77	74	73	72	70	70	77	75	76
HS percent	25	25	31	31	27	23	26	27	28	30	30	23	25	24

Table 9: Total longline VMS fishing days (augmented by logsheets for New Caledonia and French Polynesia) by year for all EEZs and the High Seas (HS) in the WCPFC-CA, south of the equator

EEZ	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
American Samoa	716	853	906	599	408	799	1,914	2,654	1,994	1,743	1,321	1,140	1,210	1,213
Australia	864	694	613	796	2,075	2,147	2,752	2,294	2,642	2,388	2,780	2,303	2,906	2,109
Cook Islands	6,657	11,362	7,260	5,526	5,201	6,600	5,567	4,798	7,825	8,717	7,553	8,844	9,436	7,799
Fiji	11,408	12,607	9,610	8,950	9,995	9,349	10,005	10,975	11,679	10,346	9,283	7,905	8,064	9,872
Howland and Baker	10	14	6	16	7	17	12	16	26	12	11	17	8	22
High seas	42,480	45,007	48,826	49,156	47,545	42,978	47,699	56,568	56,486	54,094	43,784	49,359	46,454	41,729
Jarvis (USA)	12	9	13	31	82	79	21	5	4	5	5	15	9	0
Kiribati	21,688	21,067	21,205	24,632	19,919	16,625	3,235	530	4,079	6,425	4,264	4,978	8,169	9,208
Matthew and Hunter	31	19	16	26	31	16	14	18	7	23	38	15	23	11
New Caledonia	2,635	2,677	2,407	2,306	2,250	2,417	2,387	2,473	2,498	2,792	2,717	2,583	2,631	2,228
Niue	5	9	365	303	280	535	358	750	847	900	35	21	2	27
New Zealand	328	389	145	170	222	133	90	202	522	543	407	365	309	329
French Polynesia	5,835	6,354	7,520	7,844	9,009	9,107	8,905	9,517	9,858	9,885	10,979	11,369	11,068	10,464
PNG	2,349	1,602	717	399	1,176	4,016	4,269	6,080	8,140	3,914	4,934	10,136	14,252	12,215
Solomon Islands	25,858	22,344	26,894	26,041	21,889	15,060	12,620	22,907	18,998	14,029	13,186	15,625	20,833	11,583
Tokelau	606	538	80	376	3,627	4,479	2,391	1,193	2,377	2,150	1,280	1,714	1,091	128
Tonga	94	1,503	4,269	864	1,440	1,996	1,695	792	2,653	2,077	2,015	1,414	2,397	1,890
Tuvalu	3,676	4,465	3,221	1,876	1,471	4,968	4,234	3,445	5,797	2,733	1,671	1,646	621	1,858
Vanuatu	15,753	12,883	10,639	10,052	9,258	11,527	15,047	10,666	11,449	12,244	5,198	7,392	5,641	7,782
Wallis and Futuna	26	36	50	43	64	58	36	27	35	38	22	32	37	73
Samoa	6	113	357	65	1,185	2,478	2,934	3,771	2,555	2,582	1,819	1,770	2,029	861
Total	141,036	144,547	145,117	140,071	137,135	135,385	126,185	139,680	150,471	137,641	113,301	128,642	137,189	121,400
EEZ percent	70	69	66	65	65	68	62	60	62	61	61	62	66	66
HS percent	30	31	34	35	35	32	38	40	38	39	39	38	34	34

Table 10: Total VMS fishing days by year in International Waters, south of 10°S (Figure 11).

EEZ	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
I2	178	208	258	231	352	563	529	535	198	345	190	262	140	397
I5	4,201	4,712	9,686	7,346	6,050	6,961	7,727	5,465	9,403	8,316	6,614	4,789	6,127	6,351
I7	11,112	9,450	11,485	11,410	10,147	6,543	8,558	12,676	11,704	15,768	10,746	9,425	10,365	7,928
I8	2,914	1,966	2,529	2,441	2,866	3,214	4,654	4,368	3,740	3,238	4,544	2,376	1,251	2,254
I9	2,530	4,985	4,216	2,986	1,637	971	1,095	1,259	1,661	1,776	753	760	3,084	911
Total	20,934	21,322	28,174	24,413	21,053	18,253	22,562	24,304	26,706	29,443	22,847	17,612	20,967	17,841

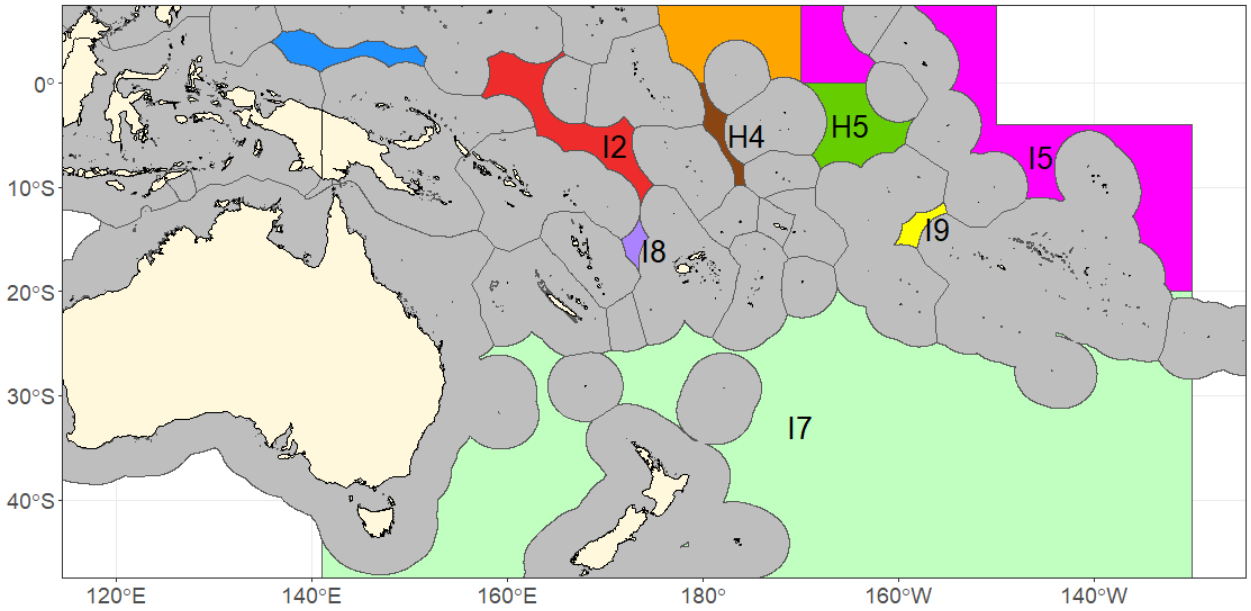

Figure 11: Map of international waters and high seas area with their standard abbreviations, in the southern WCPFC-CA.

Appendix 2: High Seas transshipment data for albacore based on CMM 2009-06 reporting

The tables below show high seas transshipment data for albacore, by flag, year and month from July 2010–July 2025.

Notes:

1. Responsible CCM is the country responsible for reporting for the fishing vessel.
2. The requirement to report (within 15 days of transshipment) high seas transshipment activities commenced in July 2010.
3. The data refer to high seas transshipments inside and outside the WCPFC Convention Area, and it should be noted that a proportion of the catch will likely have been caught within EEZs in the Convention Area and the IATTC Convention area.
4. Weights are in metric tonnes.

Table A3-1: Table of albacore transhipments - 2010.

Responsible CCM	Jul	Aug	Sep	Oct	Nov	Dec
Korea (Republic of)	17	0	22	42	0	6
Japan	0	1	0	54	35	30
Vanuatu	0	1,435	271	232	522	149
Chinese Taipei	0	115	166	125	148	21
China	0	0	166	211	247	17
Philippines	0	0	0	8	0	5
Indonesia	0	0	0	0	44	1
Belize	0	0	0	0	3	0
Total	17	1,551	624	671	999	229

Table A3-2: Table of albacore transhipments - 2011.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
China	5	102	25	32	32	30	62	749	35	82	63	28
Korea (Republic of)	43	3	46	34	6	17	4	0	1	18	99	6
Vanuatu	100	110	1,020	291	1	14	817	313	62	13	0	341
Belize	2	0	0	36	0	0	1	0	0	0	0	0
Chinese Taipei	818	183	899	15	52	194	713	466	347	95	321	407
Japan	11	80	22	0	2	6	1	3	0	32	57	5
Indonesia	0	0	0	1	8	0	0	0	8	30	0	7
Philippines	0	0	0	0	0	0	17	2	0	10	0	7
Total	979	478	2,012	408	100	260	1,614	1,533	453	281	540	801

Table A3-3: Table of albacore transhipments - 2012.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Philippines	2	0	5	0	0	0	0	0	19	0	0	0
China	68	96	62	151	8	20	306	248	143	29	13	11
Chinese Taipei	100	438	127	92	12	0	327	458	0	53	3	471
Vanuatu	545	108	166	90	2	0	765	185	0	165	105	0
Indonesia	2	5	2	0	0	12	0	0	0	9	0	22
Korea (Republic of)	4	13	14	5	13	29	34	31	10	6	25	7
Japan	0	31	9	13	2	19	69	97	73	0	13	0
Belize	0	0	0	0	0	0	1	0	0	0	0	0
Fiji	0	0	0	0	0	0	0	0	0	0	0	15
Total	720	691	385	352	36	79	1,502	1,019	244	262	160	525

Table A3-4: Table of albacore transhipments - 2013.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Chinese Taipei	39	0	5	59	52	2	163	149	541	39	548	499
China	59	7	85	25	96	827	30	193	563	283	1,124	159
Vanuatu	0	362	175	165	28	28	1,063	472	865	249	412	130
Korea (Republic of)	0	58	61	11	30	83	30	20	38	18	59	19
Philippines	0	0	5	0	8	0	0	16	0	0	3	0
Japan	0	0	9	38	3	39	60	42	3	15	11	3
Indonesia	0	0	7	0	12	4	0	4	12	0	4	4
Total	98	427	348	299	229	984	1,345	896	2,022	604	2,161	814

Table A3-5: Table of albacore transhipments - 2014.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Japan	4	3	27	0	2	0	21	0	24	8	0	0
Indonesia	2	1	0	0	0	8	7	0	0	17	0	0
China	228	4	1	32	140	381	278	1,551	116	27	74	178
Korea (Republic of)	34	22	0	12	59	31	47	15	38	84	0	38
Chinese Taipei	1,048	2	386	9	32	1	0	0	766	130	1,112	449
Vanuatu	691	0	389	0	0	14	38	59	1,897	1	214	3
Fiji	0	0	0	0	0	0	4	0	0	0	0	0
Philippines	0	1	0	0	0	0	0	0	0	0	0	0
Total	2,006	35	804	53	232	435	395	1,625	2,841	266	1,400	668

Table A3-6: Table of albacore transhipments - 2015.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Chinese Taipei	449	8	13	19	0	10	62	83	330	437	294	275
Vanuatu	9	5	4	92	4	5	9	817	1,508	693	161	1,213
Japan	2	5	6	2	0	0	1	1	0	6	7	0
China	274	220	4	0	351	567	32	90	1,102	208	128	231
Korea (Republic of)	2	47	61	4	26	68	149	26	0	101	22	22
Total	737	285	87	117	381	650	252	1,018	2,940	1,444	612	1,741

Table A3-7: Table of albacore transhipments - 2016.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Chinese Taipei	874	0	47	6	18	0	902	485	556	400	569	521
Vanuatu	10	28	72	20	0	3	189	937	1,658	642	641	471
Japan	3	0	0	0	0	2	15	12	5	0	10	47
China	115	189	387	898	783	2	1,116	2,046	1,261	1,028	916	4
Korea (Republic of)	37	4	37	29	20	15	27	188	118	189	152	40
Total	1,039	221	544	954	822	22	2,249	3,669	3,599	2,259	2,287	1,084

Table A3-8: Table of albacore transhipments - 2017.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Vanuatu	101	13	179	230	80	371	932	461	837	1,122	3	5
Korea (Republic of)	72	56	49	18	8	28	193	189	34	130	66	0
China	91	1,822	109	24	29	772	454	2	2,253	2,404	10	39
Chinese Taipei	841	40	665	95	60	264	972	709	708	526	265	6
Japan	0	0	0	1	0	0	0	34	0	5	43	14
Total	1,106	1,931	1,001	368	177	1,434	2,551	1,396	3,833	4,187	387	64

Table A3-9: Table of albacore transhipments - 2018.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Vanuatu	271	5	107	1	0	1	814	1,137	212	1,074	12	91
Chinese Taipei	1,146	1,365	72	162	367	244	1,549	612	429	515	325	439
Japan	1	30	19	8	0	2	0	0	9	0	0	9
Korea (Republic of)	74	45	24	56	15	48	87	74	154	107	56	73
China	1,252	2,304	185	118	1,978	907	390	886	1,768	1,043	591	389
Total	2,744	3,749	407	346	2,361	1,202	2,840	2,708	2,573	2,739	984	1,000

Table A3-10: Table of albacore transhipments - 2019.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Vanuatu	72	494	27	2	74	58	716	1,293	30	558	1,025	18
China	285	1,419	253	198	1,436	1,427	95	824	2,428	1,741	1,070	213
Korea (Republic of)	49	81	110	77	123	15	18	324	121	226	94	69
Chinese Taipei	961	433	272	140	333	1,346	666	1,407	332	669	421	991
Japan	0	0	51	0	18	0	0	0	0	0	0	0
Total	1,368	2,427	714	416	1,984	2,846	1,496	3,848	2,911	3,194	2,611	1,291

Table A3-11: Table of albacore transhipments - 2020.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Vanuatu	12	60	511	25	1	60	357	1,185	681	23	706	8
Korea (Republic of)	47	21	115	71	33	29	53	56	57	43	7	63
China	1,092	454	540	195	605	2,146	1,931	1,066	333	1,826	1,627	268
Chinese Taipei	935	1,462	475	130	138	836	1,423	941	993	228	560	583
Japan	0	0	0	0	0	0	0	0	0	34	0	0
Total	2,086	1,996	1,641	421	777	3,071	3,764	3,249	2,063	2,154	2,899	922

Table A3-12: Table of albacore transhipments - 2021.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
China	346	865	990	424	1,274	471	801	1,640	682	1,166	108	610
Korea (Republic of)	45	85	58	7	27	66	9	8	68	40	60	51
Vanuatu	510	115	191	0	0	6	512	3	675	696	353	1
Chinese Taipei	2,401	439	192	194	343	113	576	69	265	367	37	335
Japan	0	0	0	0	0	0	0	0	20	0	0	0
Total	3,302	1,504	1,431	624	1,644	655	1,899	1,720	1,710	2,269	559	997

Table A3-13: Table of albacore transhipments - 2022.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Chinese Taipei	127	405	22	0	400	981	167	303	56	423	333	552
Vanuatu	248	11	0	7	0	327	17	0	222	194	23	0
China	710	311	205	966	1,277	603	2,217	1,326	360	1,532	752	594
Korea (Republic of)	101	138	174	30	47	51	43	181	27	81	27	60
Japan	0	0	0	0	0	0	0	0	0	0	3	0
Total	1,187	865	401	1,004	1,723	1,962	2,445	1,810	664	2,229	1,137	1,205

Table A3-14: Table of albacore transhipments - 2023.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Korea (Republic of)	51	169	38	0	61	33	64	58	18	64	2	5
Chinese Taipei	75	739	162	220	114	370	382	103	149	168	32	667
Vanuatu	6	0	23	0	0	0	344	2	433	0	0	0
China	0	2,144	1,867	1	952	1,212	2,585	789	365	1,043	531	1,482
Total	132	3,052	2,089	221	1,128	1,616	3,375	952	965	1,275	565	2,154

Table A3-15: Table of albacore transhipments - 2024.

Responsible CCM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
China	79	418	1,168	479	771	2,269	1,608	1,603	1,974	1,587	516	543
Chinese Taipei	60	122	182	111	146	68	99	135	6	46	54	292
Korea (Republic of)	36	133	136	160	185	139	113	79	144	143	131	149
Japan	0	12	0	0	0	0	0	0	18	0	0	5
Vanuatu	0	0	0	0	9	16	0	0	48	0	0	11
Total	175	685	1,486	750	1,111	2,492	1,820	1,817	2,190	1,776	701	1,000