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

WCPFC-SC18-AR/CCM-07

FIJI

ANNUAL SCIENTIFIC REPORT TO THE
WESTERN AND CENTRAL PACIFIC FISHERIES
COMMISSION

PART 1: INFORMATION ON FISHERIES, RESEARCH AND
STATISTICS FOR 2021

FIJI

OFFSHORE FISHERIES DIVISION

MINISTRY OF FISHERIES

JUNE 2022

Scientific data was provided to the Commission in accordance with the decision relating to the provision of scientific data to the commission by 30 th April 2022	[YES]
If no, please indicate the reason(s) and intended actions:	

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ABSTRACT

The Fiji National longline fleet is one that predominantly targets albacore. For the year 2021, approximately 69% of the fishing occurred in Fiji's waters with 31% in the international waters. Overall catches by this fleet, which includes catches in other EEZs, approximately 18% was made in other EEZs, where the Fiji National Longline fleet vessels are licensed to fish, whilst 82% of the catch was made in Fiji's EEZ [69%] and the High Seas [13%].

From 2017 to 2019, the total annual catch for Fiji's national longline fleet has fluctuated between 15,336 mt to 17,933 mt. The highest catch recorded was in 2017 [17,933 mt] while the 2019 total catch of 15,336 mt which was closer to the historical average [15,459 mt]. However, in the last two years there has been quite a drop in total catch at 12,803mt in 2020 and 10,360mt in 2021 . This drops correlates to the global Covid-19 pandemic that affected many fishing vessels in 2020 and 2021.

A significant drop is reflected in 2021 albacore catches of 6,463mt, compared to 2017 and 2018 with 9,837 and 9,327mt respectively. A decrease in Bigeye catch was also reported in 2021 of 477 mt compared to 2019 catches of 1,144 mt. Yellow fin tuna also added to the declining trend of 2,477mt in 2021 compared to 4,279 in 2020.

In 2021 Fiji had 67 vessels in its National longline fleet. The licence cap of 60 vessels is authorised to fish in Fiji's EEZ. Of these 60 vessels, 38 vessels fish solely in Fiji's EEZ, while 22 vessels fish in both the EEZ and High Seas. There were 13 national vessels which also fish in the High Seas.

In 2021, 69% of fishing took place within Fiji's waters and 31% in international waters.

1. BACKGROUND

Fiji comprises of approximately 330 islands, about one - third are inhabited. It covers about 1.3 million square kilometres of the South Pacific Ocean. The two major islands are Viti Levu and Vanua Levu. Fiji's total coastline is 1,129 km.

Fiji's national tuna fishing fleet consists of longline fishing vessels targeting tuna [Albacore, Bigeye & Yellowfin] and tuna-like species. A total allowable catch (TAC) of 12,000 mt tuna [Albacore, Bigeye and Yellowfin collectively] has been set for commercial longline vessels within Fiji's EEZ. In 2021 approximately 78% of the TAC was achieved at 9,417 mt.

Fiji' Ministry of Fisheries has made every effort to effectively implement the Monitoring, Control, Surveillance [MCS] and Enforcement of Fiji's offshore fishing industry, and the fishery in general with the aim of sustainably managing the highly migratory fish stocks in its waters through enforcing the Offshore Fisheries Management Act 2012 and its Regulations 2014.

The years 2020 and 2021 was the most unprecedented time for the Fiji's fishing industry, as the whole world was engulfed by the Covid-19 pandemic. Despite the hardship, Fiji MCS team continued with the tremendous effort to beef up the monitoring activities via boarding and inspection and VMS for vessel tracing, with introduced covid protocols for industry to continue to operate and to be economically sustainable despite the cease of national observer program. All fishing related activities such as provisioning and transshipment within Fiji EEZ were monitored where applicable and was reported, respectively.

With sustainable management in mind, Fiji is determined to play its role in the management of the highly migratory fish stocks that pass through its EEZ. As a responsible flag State, coastal State and port State, Fiji will continue to welcome any new MCS and Enforcement initiatives that will contribute to global combat of Illegal, Unreported and Unregulated (IUU) fishing amid the new Covid era.

2. ANNUAL FISHERIES INFORMATION

2.1. TUNA CATCHES

Table 1 below shows the catches by Fiji's Longline fleet in the Fiji EEZ, High Seas and in neighbouring EEZs where some of the vessels are also licensed to.

Table 1. Annual Catch estimates for the Fiji National Fleet, 2017– 2021

TOTAL ANNUAL CATCH [MT] FOR FIJI NATIONAL LONGLINE FISHING FLEET 2017 - 2021					
SPECIES	2017	2018	2019	2020	2021
ALBACORE	9,837	9,327	8,588	6,320	6,463
BIGEYE	1,083	879	1,144	692	477
YELLOWFIN	4,638	2,695	3,664	4,279	2,477
TUNA LIKE SPECIES	2,375	2,159	1,940	1,512	943
TOTAL [MT]	17,933	15,060	15,336	12,803	10,360

Table 1a. Total Annual Estimated Catch discarded for the Fiji National Longline Fleet 2021.

TOTAL ANNUAL ESTIMATED CATCH DISCARDED FOR FIJI NATIONAL LONGLINE FISHING FLEET 2021	
SPECIES	DISCARDED [MT]
ALBACORE	14.38
BIGEYE	1.12
YELLOWFIN	21.02
PACIFIC BLUE FIN	0.00
SKIPJACK	2.62
BLACK MARLIN	0.09
SWORDFISH	0.76
BLUE MARLIN	0.34
STRIPED MARLIN	0.16
SILKY SHARK	6.91
HAMMER HEAD	0.04
BLUE SHARK	13.33
OCEANIC WHITETIP	3.16
MAKO SHARK	2.17
THRESHER SHARK	0.05
TOTAL [MT]	66.15

The total provisional catch by the domestic longline fleet (catches inside and outside Fiji EEZ) for 2021 was 10,360 mt, 91% of which is comprised of the Tuna catches (9,417mt).

Despite the slight plateau in catches in 2018 and 2019 at around 15,000 mt average, 2020 showed a significant drop in catch to 12,803 mt followed by further drop in catch in 2021 [Table 1 and Figure 1] because of the Covid-19 pandemic over the past two years where most of the vessels that specifically targeted for the fresh tuna markets were either fishing at its lowest efforts or not at all. This was due to flights being cancelled having an impact on exports particularly to the USA, hence resulting in overall decline of catches for all species in 2020 and 2021.

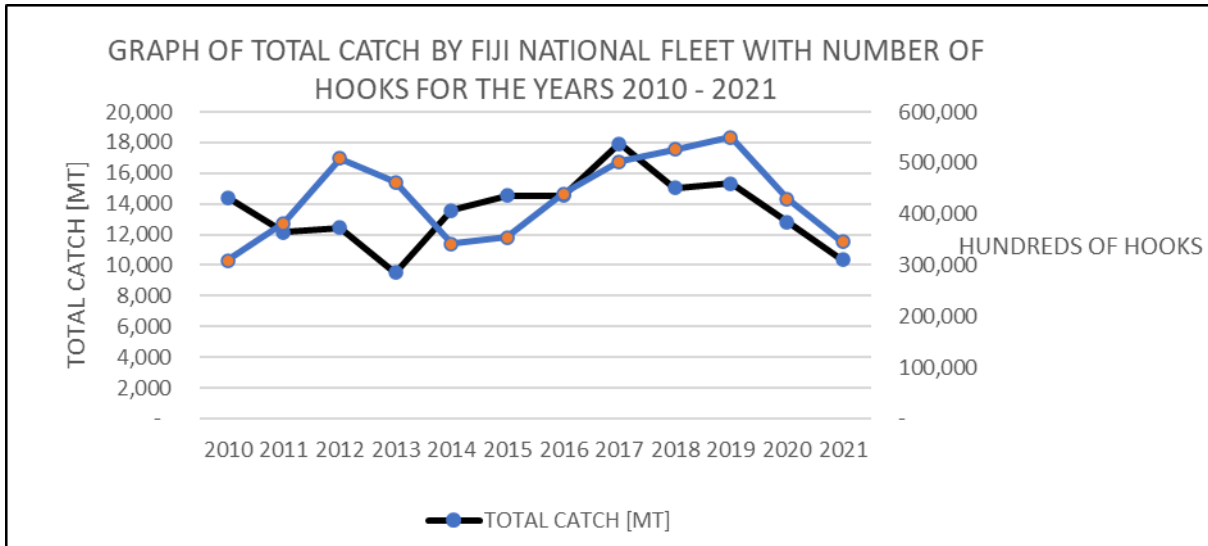


Figure 1 Historical total annual catch estimates for the Fiji National Longline Fleet for the WCPF Convention Area, 2010 – 2021.

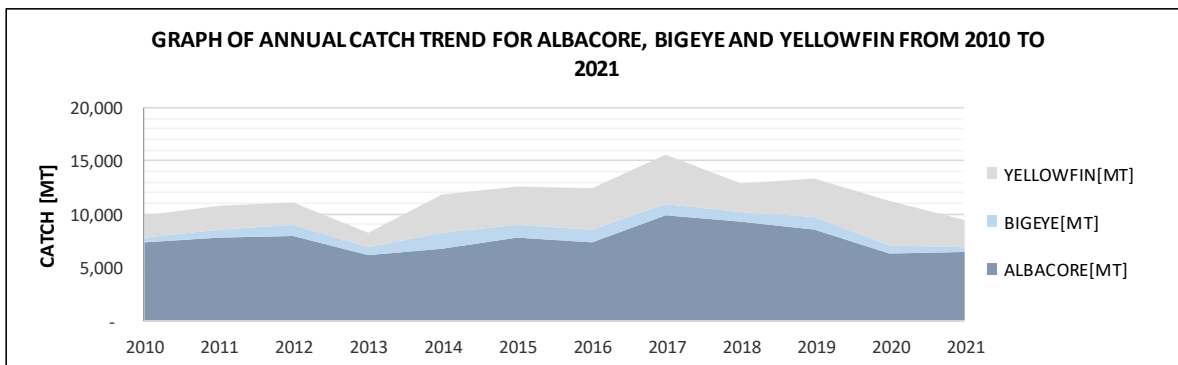


Figure 2: Annual catch [Metric tonnes] trends for Albacore, Bigeye and Yellow fin.

Trends in nominal CPUE are sometimes used as an indicator of abundance, but must be considered in association with other direct (e.g. targeting strategy, patterns of effort, size composition of the catch, recruitment, etc.) and indirect (e.g. environmental) factors affecting the fishery. *Figure 3* shows the trends in tuna nominal CPUE for the Fiji longline fleet. In last five years the nominal CPUE for albacore increased steadily from 0.95 in 2016 to 1.23 in 2017 and at 1.01 in 2021. Bigeye nominal CPUE appears relatively stable over the time series with a slight drop in 2018 and increase again in 2019 at 0.08 then drop in 2021 at 0.06 but overall, steady. Yellowfin nominal CPUE remained consistent at and around the 0.40 in the past years and slightly dropping to 0.37 fish per 100 hooks in 2021.

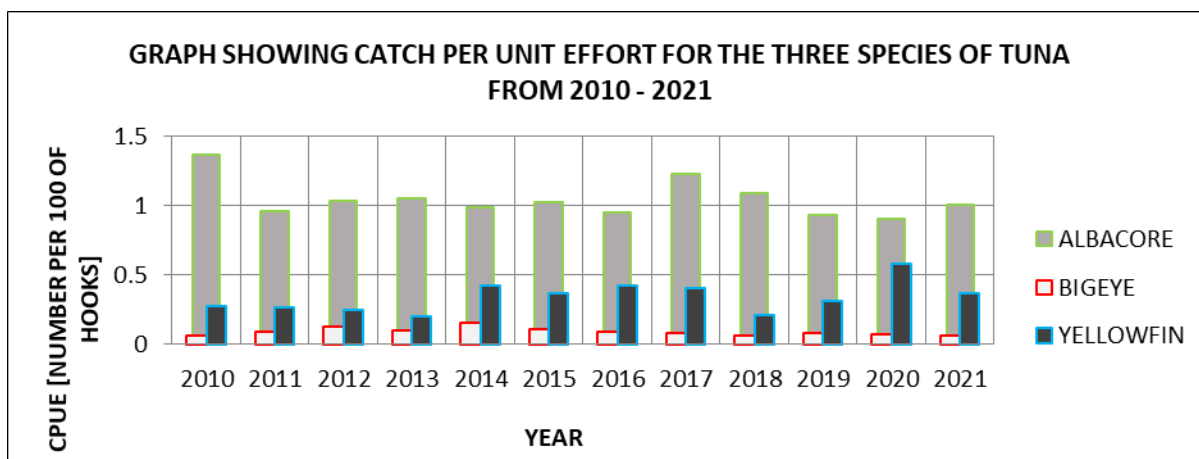


Figure 3: Shows Tuna nominal CPUE for Fiji Longline Fleet.

2.2. BILLFISH AND NON-TARGET SPECIES CATCHES

Table 2. Annual Estimated Catches of Non-targeted Species, Associated and Dependent Species for the Fiji National Fleet, 2021.

TOTAL ANNUAL NON-TARGET SPECIES CATCH [MT] FOR THE FIJI NATIONAL LONGLINE FLEET 2021	
SPECIES	WEIGHT [MT]
BILLFISH SPECIES	
SWORDFISH	70
BLUE MARLIN	157
BLACK MARLIN	71
STRIPED MARLIN	26
SPEARFISH	31
SAILFISH	23
TOTAL	378
TUNA LIKE SPECIES	
WAHOO	119
DOLPHINFISH	28
BARRACUDA	3
ESCOLARS	2
OPAH	127
SKIPJACK	213
OTHER SPECIES	73
TOTAL	565
TOTAL [BILLFISH & TUNA LIKE]	943

Table 2 above shows the catch estimates of Billfish and non-targeted Species from Fiji's National Fleet.

2.3. FLEET STRUCTURE

Table 3. Fiji National Fleet Structure, 2017 – 2021.

FIJI NATIONAL LONGLINE FLEET STRUCTURE 2017 – 2021					
SPECIES	2017	2018	2019	2020	2021
< 21	9	13	14	14	6
21m – 30m	45	37	34	28	30
>31 m	30	46	45	44	31
TOTAL	84	96	93	86	67

The fleet structure for 2021 consists of the 67 Fiji national vessels; of which 4 vessels are chartered foreign flagged vessels. The remaining 63 vessels are Fiji flagged and fished in Fiji’s Archipelagic waters, Territorial Seas, Fiji’s Exclusive Economic Zone [EEZ], other EEZs and high seas within the WCPO.

2.4. FISHING PATTERNS

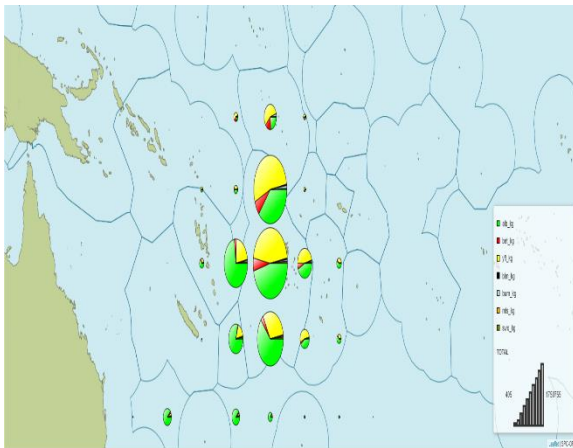


Figure 4a 2020

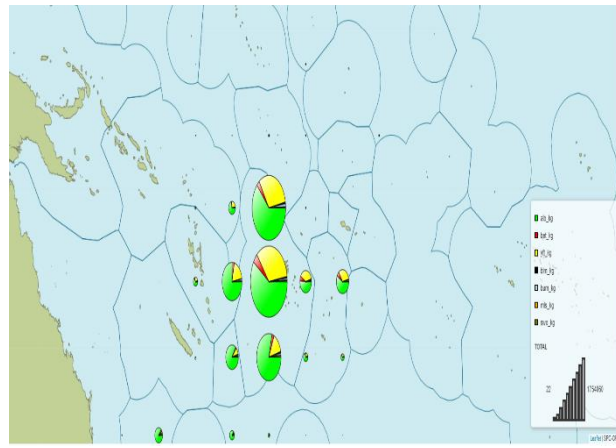


Figure 4b; 2021

Figure 4 a & b: Fiji Flagged Fleet Catch in WCPFC Convention Area for 2019 and 2020.

Figures 4a and 4b are snapshots of Fiji’s National Fleet catches for the 3 tuna species and billfish in 2020 and 2021 respectively. Both snapshots show that much of the catch is caught in Fiji’s EEZ with certain portions in other EEZs, where the vessels are licensed to fish and in the high seas.

In 2021, around 69% of Fiji’s longline fishing effort took place within Fiji’s EEZ, compared to 64% in 2020. Approximately 13% of the total national catch was caught within the high seas whilst the remaining 18% of the catches were from other EEZ our vessels were licensed to fish in 2021.

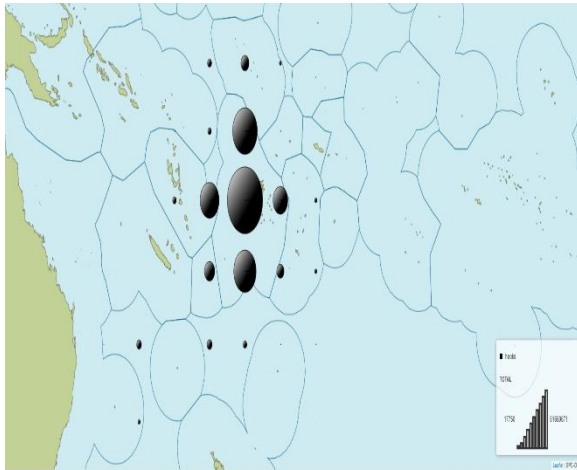


Figure 5a; 2020

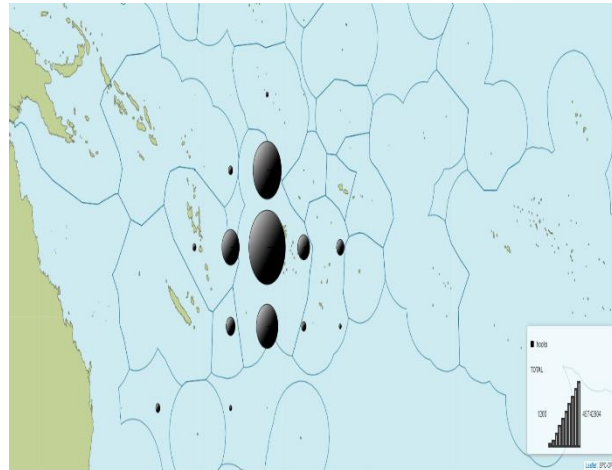


Figure 5b; 2021

Figure 5: Fiji Flagged Fleet effort [number of hooks] in WCPFC Convention Area, 2020 and 2021.

Figure 5 is a snapshot of Fiji's National Fleet effort [number of spatial distribution of hooks]. Much of the effort is in Fiji's EEZ with certain portions in other EEZs, where the vessels are licensed to fish and in the high seas.

2.5. OBSERVED INTERACTIONS OF SPECIES OF SPECIAL INTEREST.

Table 4 A. Annual Tables of Interactions for Species of Special Interest, 2016-2020

ANNUAL SPECIES OF SPECIAL INTEREST TABLE OF GEAR INTERACTIONS [2017 -2021]											
CATERGORY	SPECIES	YEARS									
		2017		2018		2019		2020		2021	
		No.	Dead	No.	Dead	No.	Dead	No.	Dead	No.	Dead
MARINE TURTLES	GREEN TURTLES	18	10	15	8	18	12	20	10	5	5
	LOGGERHEAD TURTLES	16	9	24	9	10	7	7	4	0	0
	HAWKSBILL TURTLES	20	11	23	8	8	6	6	3	5	0
	LEATHERBACK TURTLES	1	0	2	2	3	0	2	0	0	0
	LEATHERBACK TURTLES[NEW FAO]	8	8	0	0	0	0	0	0	0	0
	OLIVE RIDLEY TURTLES	9	9	5	4	4	2	1	1	1	0
	FLATBACK TURTLES	0	0	1	1	2	2	1	0	0	0
TURTLES [UNIDENTIFIED]	0	0	0	0	0	0	0	0	0	1	0
TOTAL TURTLES		72	47	70	32	45	29	37	18	12	5

Table 4A above shows the observed incidences of gear interactions with marine turtles by Fiji Observers, whilst on placement trips from the years 2017 to 2021. It should be noted that a total of 12 turtle interactions was reported for 2021. 5 was discarded dead, 7 was discarded alive. None reported to be retained on board.

A point to note is that all observers in the Fiji Observer program are certified and trained in the mitigation/handling/releasing of sea turtles under the SPC/FFA PIRFO Standards. Fiji ensures

that all its flagged and licensed vessels change their hooks arrangements to circle hooks, through awareness and trainings, on the proper mitigation and turtle handling techniques.

Table 4 B. Annual Tables of Interactions for Species of Special Interest, 2017 – 2021

ANNUAL SPECIES OF SPECIAL INTEREST TABLE OF VESSEL INTERACTIONS AND SIGHTINGS											
CATERGORY	SPECIES	YEARS									
		2017		2018		2019		2020		2021	
		No.	DEAD	No.	Dead	No.	Dead	No.	Dead	No.	Dead
MARINE MAMMALS	DOLPHINS AND PORPOISES	10	1	3	1	0	0	1	1	2	0
	FALSE KILLER WHALE	3	0	0	0	1	0	0	0	1	0
	SHORT-FINNED PILOT WHALE	1	0	0	0	0	0	1	1	1	0
	PYGMY SPERM WHALE	0	0	0	0	1	0	0	0	0	0
	GINKGO-TOOTHED BEAKED WHALE	1	0	0	0	0	0	0	0	0	0
	SEI WHALE	0	0	0	0	0	0	0	0	0	0
	MELON HEADED WHALE	0	0	0	0	0	0	0	0	0	0
	BLUE WHALE	1	0	0	0	0	0	0	0	0	0
	SPERM WHALE	0	0	0	0	0	0	0	0	0	0
	TOOTHED WHALES	0	0	0	0	0	0	1	0	0	0
	NON-TOOTHED WHALES	0	0	0	0	0	0	0	0	0	0
MARINE MAMMALS [UNIDENTIFIED]	0	0	0	0	0	0	0	0	0	0	
WHALE SHARKS	0	0	0	0	0	0	0	0	0	0	
TOTAL MARINE MAMMALS	16	1	3	1	2	0	3	2	4	0	

3. MARKETING AND DEVELOPMENT

Fiji’s major markets include Japan and United States of America where most of the sashimi grade fish are exporting as well as the EU market. Fish products for cannery are exported to Thailand, American Samoa, Taiwan, and Vietnam. In addition, products for cannery are also sold to our canneries based out of Suva and Levuka.

In 2021, a total of 15,051 mt of tuna was unloaded. 12,453 mt was processed and exported with albacore products making a total of 71 % [8,853 mt] of Fiji’s total exports. Bigeye tuna at 4% [491 mt] and yellowfin tuna products at 19% [2,371 mt] with other species making up the last 6% [738mt]; whilst 2,598 mt was sold locally.

Tuna like non-target species continue to be sold at local processor outlets with a portion sold as exports where the market is available.

Due to covid, development processes may have hindered the progress in tuna industry and to support the industry to remain in business, Fiji government had a review of its Fisheries Regulation in 2021 to amend clauses to suit the current situation;

2. Amendment to regulation on the license tenure [from 3 years to 20 years]
3. Removed the permits / payments on bunkering and provisioning, but reporting requirement remain unchanged.

3.1 STATUS OF TUNA FISHERY DATA COLLECTION SYSTEMS

Table 5. Estimated Annual Coverage, [2017 – 2021]

PERCENTAGE COVERAGE (%)					
DATA TYPE	2017	2018	2019	2020	2021
LOGSHEET	95.50	96.00	95.00	97.00	97.00
OBSERVER [# OF TRIPS]	29.90	38.90	20.60	22.90	16.00
PORT SAMPLING	69.00	56.00	28.00	65.00	36.00
TRANSHIPMENT	100.00	100.00	100.00	100.00	100.00

3.1 A] LOGSHEETS AND LANDINGS DATA.

The reconciliation of data sets (logsheets and landing) was maintained at 97 %. The Data Registrar ensures the prompt submission of logsheets and landing by companies to maintain high reconciliation percentage.

3.1 B] OBSERVER PROGRAMME

B1: Placement

The Fiji National Observer coverage for 2021 was 16% compared to 2020 which was at 23%, a noticeable drop due to lockdown caused by pandemic. However, it continues to remain within the 5 % minimum observer coverage CMM standard requirement by WCPFC.

Fiji observers are placed on board Fiji National Fleet covering areas within Fiji's national jurisdiction, and beyond (ABNJ). Fiji also contributes its observers to sub-regional observer programs such as the US Multilateral Treaty. However, despite the Covid-19 pandemic the Fiji Observer Programme [National and regional observers] continued engagement in national placements on Fiji vessels fishing within Fiji's national jurisdiction and beyond (ABNJ), within approved national COVID-19 protocol and guideline.

B2: De- briefing

Fiji Observers are de-briefed at the end of every trip to ensure data reporting quality is maintained.

In 2021 a total of 72 trips were de-briefed, registered and processed. Fiji maintains a minimum 95% accuracy debriefing standards on observer placement trip reports.

B3: Port Sampling

Fiji's port sampling program is carried out on Fiji's National Fleet at Suva Port. In 2021 a total of 52 port samplings were achieved [36 %]. A target of 144 Port sampling is set for each year, however due to pandemic and closure of ports, the number of sampling was reduced. This activity is carried out by either one port sampler or by observers whilst not on placement. All species and size composition are submitted to SPC.

B4: Biological Sampling

A total of 11 biological samplings was conducted by Fiji observers in 2021. Samples will be sent to SPC in 2022, delay was due to the airport closure during pandemic.

4.0 REPORTING ON RELEVANT CMMs

SECTION A: SPECIFIC INFORMATION REQUIRED BY CMMS AND OTHER DECISIONS OF THE COMMISSION TO BE PROVIDED IN ANNUAL REPORT PART 1.

<p>4.1: CMM 2009-03 [Swordfish], Para 8</p>	<p>In 2021 and in accordance with the WCPFC Conservation and Management Measure 2009-03, 51 Fiji National long line fleet caught a total of 32.63 mt of swordfish South of 20 degrees South.</p> <p>47 Fiji flagged long line vessels caught a total of 31.52 mt and 4 chartered to Fiji foreign flagged vessels caught 1.11 mt of swordfish in the area south of 20 degrees South.</p> <p>Table 1. Annual Swordfish catch for Fiji National Fleet, 2017 – 2021.</p> <table border="1"> <thead> <tr> <th colspan="7">2021 ANNUAL SWORDFISH CATCH ESTIMATES SOUTH OF 20 SOUTH BY FIJI FLAGGED AND CHARTERED VESSELS</th> </tr> <tr> <th rowspan="2">YEAR</th> <th colspan="2">FIJI FLAGGED</th> <th colspan="2">CHARTERED VESSELS</th> <th rowspan="2">TOTAL [MT]</th> <th rowspan="2">TOTAL VESSELS</th> </tr> <tr> <th>TONNES</th> <th>VESSEL NUMBERS</th> <th>TONNES</th> <th>VESSEL NUMBERS</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>33.3</td> <td>51</td> <td>5.93</td> <td>7</td> <td>39.1</td> <td>58</td> </tr> <tr> <td>2018</td> <td>110.3</td> <td>60</td> <td>24.7</td> <td>8</td> <td>135</td> <td>68</td> </tr> <tr> <td>2019</td> <td>31.18</td> <td>46</td> <td>3.17</td> <td>4</td> <td>34.35</td> <td>50</td> </tr> <tr> <td>2020</td> <td>75.36</td> <td>58</td> <td>3.64</td> <td>3</td> <td>79.00</td> <td>61</td> </tr> <tr> <td>2021</td> <td>31.52</td> <td>47</td> <td>1.11</td> <td>4</td> <td>32.63</td> <td>51</td> </tr> </tbody> </table> <p>Table 1 above shows the vessel numbers and weights in metric tonnes of swordfish catch estimated for the south of 20 degrees south by the Fiji national fleet for 2017 to 2021.</p> <p>It should be noted that these catches were caught as non - targeted species.</p>	2021 ANNUAL SWORDFISH CATCH ESTIMATES SOUTH OF 20 SOUTH BY FIJI FLAGGED AND CHARTERED VESSELS							YEAR	FIJI FLAGGED		CHARTERED VESSELS		TOTAL [MT]	TOTAL VESSELS	TONNES	VESSEL NUMBERS	TONNES	VESSEL NUMBERS	2017	33.3	51	5.93	7	39.1	58	2018	110.3	60	24.7	8	135	68	2019	31.18	46	3.17	4	34.35	50	2020	75.36	58	3.64	3	79.00	61	2021	31.52	47	1.11	4	32.63	51
2021 ANNUAL SWORDFISH CATCH ESTIMATES SOUTH OF 20 SOUTH BY FIJI FLAGGED AND CHARTERED VESSELS																																																						
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<p>4.2: Observer coverage (WCPFC 11 decision – para 484(b))</p>	<p>The table 2 shows 2021 Observer coverage for Fiji was 16 % based on observed trips.</p> <table border="1"> <thead> <tr> <th colspan="6">2021 OBSERVER COVERAGE</th> </tr> <tr> <th>CCM FLEET</th> <th>FISHERY</th> <th>TOTAL TRIPS BY FLEET</th> <th>TOTAL TRIPS OBSERVED AND REGISTERED</th> <th>%</th> <th>NOTE:</th> </tr> </thead> <tbody> <tr> <td>FIJI</td> <td>LL</td> <td>443</td> <td>72</td> <td>16%</td> <td>The 2021 Observer coverage for Fiji was 16% based on National Observer trips.</td> </tr> </tbody> </table>	2021 OBSERVER COVERAGE						CCM FLEET	FISHERY	TOTAL TRIPS BY FLEET	TOTAL TRIPS OBSERVED AND REGISTERED	%	NOTE:	FIJI	LL	443	72	16%	The 2021 Observer coverage for Fiji was 16% based on National Observer trips.																																			
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<p>4.3: CMM 2009-06 [Transshipment], Para 11 (ANNEX II)</p>	<p>In accordance with the WCPFC Conservation and Management Measure 2009-06 on transshipment, 88 transshipment events occurred in Fiji's Fisheries Waters by 12 Fiji National longline fleet as in Tables 3C. The transshipped species which are listed in the tables below were all caught inside the Convention Area.</p>																																																					

Table 3A; the total quantities, by weight, of highly migratory fish stocks covered by this measure that were transhipped by fishing vessels the CCM is responsible for reporting against, with those quantities broken down by:

a) Offloaded and Received	b) Transhipped in port, transhipped at sea in areas of national jurisdiction, and transhipped beyond areas of national jurisdiction	c) Transhipped inside the Convention Area and transhipped outside the Convention Area	d) Caught inside the Convention Area and caught outside the Convention Area	e) Species	Weight [MT]	f) Prouct Form	g) Fishing Gear
offloaded [138.42 MT]	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	ALBACORE TUNA	45.59	Fresh	LL
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	BIGEYE TUNA	10.47	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	YELLOWFIN TUNA	72.48	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	BLUE MARLIN	0.56	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	BLACK MARLIN	0.05	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	ESCOLAR	0.12	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	DOLPHINFISH	0.77	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	SKIPJACK TUNA	3.07	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	SPEARFISH	0.59	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	STRIPED MARLIN	0.48	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	SWORDFISH	0.41	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	WAHOO	2	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	OTHERS	1.83	Fresh	

Table 3B; the total quantities, by weight, of highly migratory fish stocks covered by this measure that were transhipped by fishing vessels the CCM is responsible for reporting against, with those quantities broken down by:

a) Offloaded and Received	b) Transhipped in port, transhipped at sea in areas of national jurisdiction, and transhipped beyond areas of national jurisdiction	c) Transhipped inside the Convention Area and transhipped outside the Convention Area	d) Caught inside the Convention Area and caught outside the Convention Area	e) Species	Weight [MT]	f) Prouct Form	g) Fishing Gear
Received [138.42 MT]	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	ALBACORE TUNA	45.59	Fresh	LL
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	BIGEYE TUNA	10.47	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	YELLOWFIN TUNA	72.48	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	BLUE MARLIN	0.56	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	BLACK MARLIN	0.05	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	ESCOLAR	0.12	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	DOLPHINFISH	0.77	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	SKIPJACK TUNA	3.07	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	SPEARFISH	0.59	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	STRIPED MARLIN	0.48	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	SWORDFISH	0.41	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	WAHOO	2	Fresh	
	Fiji's Archipelagic and territorial seas	Transhipped inside the Convention Area	Caught inside the Convention Area	OTHERS	1.83	Fresh	

	<p>Table 3C; the number of transshipments involving highly migratory fish stocks covered by this measure by fishing vessels that is responsible for reporting against, broken down by:</p> <table border="1"> <thead> <tr> <th>a) Offloaded and Received</th> <th>b) Transhipped in port, transhipped at sea in areas of national jurisdiction, and transhipped beyond areas of national jurisdiction</th> <th>c) Transhipped inside the Convention Area and transhipped outside the Convention Area;</th> <th>d) Caught inside the Convention Area and caught outside the Convention Area;</th> <th>e) Gear Type</th> </tr> </thead> <tbody> <tr> <td>Offloaded [12]</td> <td>Fiji's Archipelagic and Territorial Seas</td> <td>Transhipped inside the Convention Area</td> <td>Caught inside the Convention Area</td> <td>LL</td> </tr> <tr> <td>Received [12]</td> <td>Fiji's Archipelagic and Territorial Seas</td> <td>Transhipped inside the Convention Area</td> <td>Caught inside the Convention Area</td> <td>LL</td> </tr> </tbody> </table> <p>No transshipment occurred in Fiji Ports by Fiji National Fleet for the year 2021. It should be noted that all transshipment in Fiji Fisheries Waters had 100% observer coverage. No Transshipment Activities occurred by Fiji National Fleet in any other EEZ or Ports. All Offloading and receiving vessels were Fiji flagged or chartered to Fiji long line vessels.</p>	a) Offloaded and Received	b) Transhipped in port, transhipped at sea in areas of national jurisdiction, and transhipped beyond areas of national jurisdiction	c) Transhipped inside the Convention Area and transhipped outside the Convention Area;	d) Caught inside the Convention Area and caught outside the Convention Area;	e) Gear Type	Offloaded [12]	Fiji's Archipelagic and Territorial Seas	Transhipped inside the Convention Area	Caught inside the Convention Area	LL	Received [12]	Fiji's Archipelagic and Territorial Seas	Transhipped inside the Convention Area	Caught inside the Convention Area	LL
a) Offloaded and Received	b) Transhipped in port, transhipped at sea in areas of national jurisdiction, and transhipped beyond areas of national jurisdiction	c) Transhipped inside the Convention Area and transhipped outside the Convention Area;	d) Caught inside the Convention Area and caught outside the Convention Area;	e) Gear Type												
Offloaded [12]	Fiji's Archipelagic and Territorial Seas	Transhipped inside the Convention Area	Caught inside the Convention Area	LL												
Received [12]	Fiji's Archipelagic and Territorial Seas	Transhipped inside the Convention Area	Caught inside the Convention Area	LL												
4.4: CMM 2011-03 [Impact of PS fishing on cetaceans], Para 5	In accordance with the WCPFC Conservation and Management Measure 2011-03 on Cetaceans, it should be noted that Fiji does not have a purse seine fleet.															
4.5: CMM 2018-03 [Seabirds] Para 13	See the tables x, y and z below for Fiji fleet seabird interaction based on currently available observer data.															

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

Table x: Effort, observed and estimated seabird captures by fishing year for [CCM] [South of 30°S; 25°S-30°S; North of 23°N; or 23°N – 25°S¹]. 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 seabird captures		Area			
	Number of vessels	Number of hooks	Observed hooks	% hooks observed	Number	Rate ²	South of 30S	North of 23S	Between 25S - 30S	Between 25S - 23N
2018	96	51,678,899	8,233,351	15.93	3	0.0003644	0	0	1	2
2019	93	55,496,244	6,643,022	11.97	15	0.002258	0	0	15	0
2020	86	43,483,624	4,042,865	9.30	1	0.0002473	0	0	0	1
2021	67	36,546,339	3,354,588	9.18	0	0	0	0	0	0

¹ Insert ‘North of 23°N’, ‘South of 30°S’, ‘25°S-30°S’ or ‘23°N – 25°S’. For CCMs fishing in all areas, provide separate tables for each area.

² Provide data as captures per one thousand hooks.

Table y: Proportion of mitigation types¹ used by the fleet in [2021].

	Combination of Mitigation Measures	South of	25°S-	25°S to	North of
		30°S	30°S	23°N	23°N
	No mitigation measures	0	0	17.81	0
Options required south of 25°S	TL + NS	0	0	0	0
	TL + WB	0	0	0	0
	NS + WB	0	0	0	0
	TL + WB + NS	0	0	0	0
	HS	0	0	0	0
Other options 25°S-30°S	WB	0	0	0	0
	TL	0	0	0	0
Other options north of 23°N	SS/BC/WB/DSL	0	0	0	0
	SS/BC/WB/(MOD or BDB)	0	0	0	0
Provide any other combination of mitigation measures here	BC MOD	0	0	0.14	0
	BDB MOD	0	0	0.27	0
	NS DSL	0	0	0.07	0
	DSL MOD	0	0	0.07	0
	MOD	0	0	72.88	0
	NS	0	0	1.70	0
	NS MOD	0	0	6.80	0
	NS BC MOD	0	0	0.07	0
	WB BC DSL	0	0	0.07	0
	WB BC DSL MOD	0	0	0.07	0
	WB BC MOD	0	0	0.07	0
	Total		0	0	100%

¹ TL = tori line, NS = night setting, WB = weighted branch lines, SS = side setting, BC = bird curtain, BDB = blue dyed bait, DSL = deep setting line shooter, MOD = management of offal discharge, HS = hook-shielding device.

Table z : Number of observed seabirds captures in [CCM] longline fisheries, 2021, by species and area.

Species	South of 30°S	25°S-30°S	North of 23°N	of 23°N – 25°S	Total
Boobies And Gannets Nei	0	0	0	0	0

<p>4.6 CMM 2019-08 (7) Conservation and Management Measure for Charter Notification Scheme</p>	<p>Of the 67 Fiji vessels, 4 chartered vessels logged in a total of 481.88 mt with a total of 560 sea days for the year 2021.</p>
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SECTION B: ADDITIONAL ANNUAL REPORTING REQUIREMENTS THAT IS OTHERWISE REPORTED ANNUALLY TO WCPFC.

<p>4.7: CMM 2006-04 [Southwest striped Marlin], Para 4</p>	<p>In accordance with the WCPFC Conservation and Management Measure 2006-04, 18.23 mt of striped marlin were reported by 64 Fiji National Fleet vessels south of 15 degrees south.</p> <p>Of the 18.23 mt, 0.80 mt were reported by 4 chartered to Fiji foreign flagged vessels which were licensed in Fiji’s EEZ for 2021.</p> <p>It should be noted that these catches were caught as non - targeted species.</p>
<p>4.8: CMM 2015-02 [South Pacific Albacore] Para 4</p>	<p>In accordance with the WCPFC Conservation and Management Measure CMM 2015-02 this is addressed through the regular provision of operational catch/effort log sheet data to SPC, who automatically include these data in the WCPFC databases, as per our authorization.</p>
<p>4.9: CMM 2019-03 [North Pacific Albacore], Para 3</p>	<p>In accordance with the WCPFC Conservation and Management Measure 2019-03, on north Pacific albacore, No Fiji National Fleet vessels fished for North Pacific Albacore in 2021.</p>