

METRONOME 25 – CENTRAL ISLANDS – NUKUFETAU, VAITUPU AND NUI



Picture: Coral Planting – Terikiai, Nui Lagoon

Photographer: Filipino Makolo



Tuvalu Fisheries Department Team – Central Islands

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1.0 Summary

The metronome trip to the central islands underwent a total of twenty-five days which was average as a week-long on each island. TFD officers from the Coastal and Operation and Development sections teamed up to execute fisheries mandates as stipulated in our annual work plans. The conducted activities comprised of community and Kaupule consultations; community and school awareness programs; FAD activities; post-harvest training; CFC staff upskilling; Ciguatera fish poisoning cases update; data collectors and community fisheries officer's refresher training; creel fish landings; TFD MOU review on data collection; boat and canoe survey and inspection and refresher training on safety grab bags.

In fact, information on Fisheries management plans have been validated across the three central communities with the assistance of targeted groups (women, youth, elders (Falekaupule), fishers and men). Communities and schools were able to gain knowledge and improve awareness on thematic areas; size limit management measure, differences between LMMA, MPA and SPA and ciguatera fish poisoning. A total of 109 boats and 54 canoes that are active in the central islands from which the most common type is aluminium boat. Ciguatera fish poisoning have been observed to be controlled as there were no reported case from the central islands. Creel surveys were conducted during spare time with total samples of Nui (7) and Vaitupu (3). The TFD MOU on data collection was reviewed by Kaupule members and Coastal Section team where feedback and suggestions accounted for the improvement of data collection. Data collectors and Community fisheries officers were refreshed with skills and tips related to the entire creel survey program. An additional request from Nui community to provide a progress update on coral planting initiative had also addressed by TFD officers.

However, CFC staff were trained by fisheries experts on a new post-harvest technique for tuna jerky. A new FAD system was installed in Nukufetau and renamed as **(Te Afua Vee) 178°18.9582"E – 08°31.320"S**). All active grab bags were inspected by TFD officers and fishers being refreshed on the usage of equipment. Memorandum of Agreement on FADs was also reviewed by TFD officers and fishermen associations to suit their needs. CFC staff in all islands have been upskilled by TFD officers on fisheries administrative work, financial management and other related activities. An on-demand request from Nui Kaupule was the relocation of their VHF system from the old location to the CFC has been fulfilled by TFD officers.

The entire trip was called a success as all fisheries mandates accomplished as well as on-demand requests from Kaupule and communities of the central islands .

2.0 Introduction

Metronome 25 trip visited the central group islands of Nukufetau, Vaitupu and Nui with the purpose of fulfilling TFD mandates and 2023 activities for Outer Islands. A team of nine fisheries officers departed the main office on the 11th May 2023 and returned on the 6th June 2023. Activities on each island are carried out according to the metronome *Tentative Program* (TP) taking into consideration slight changes to the program made by Kaupule members during courtesy meetings to be compatible with community commitments and developments on each island. Main funding supporters are Tuvalu Fisheries Support Program (TFSP 2) and Tuvalu Government who tirelessly assist to ensure the smooth undertaking and fulfilment of fisheries tasks reach out to the central islands of Tuvalu.

Main objectives focus around areas such as to;

1. Re-consult with communities on validating Fisheries Management Plans
2. Conduct awareness on selected topics (LMMA/SPA/MPA; Size Limit as a Management Measure Tool and Ciguatera Fish Poisoning) with communities
3. Refresh island data collectors and community fisheries officers with fisheries work standards and creel data collection program issues
4. Review the TFD memorandum of understanding (MOU) with Kaupule for improvement and strengthening of the data collection program
5. Creel fish landings from fishers as a hands-on refresher training for fisheries officers, data collectors and community fisheries officers
6. Survey total boats and canoes to date on each island
7. Follow-up with island nurses regarding CFP cases on each island
8. Maintenance FAD systems, deploy new FADs and review the FAD MOU with fishermen associations
9. Up-skill capacities of CFC officers on administration and management of outer islands fisheries sectors
10. Train communities and CFC workers on new post-harvesting techniques
11. Check all safety grab bags and refresh grab bag owners with the use of safety equipment inside the safety grab bags
12. Consult with Kaupule members on current fisheries issues and urgent fisheries needs or requests to be addressed

3.0 Methodology

Pre-departure logistics were arranged with the Department of Local Government including entry permission approval, organising consultations/meetings/awareness/training needs with Kaupule Secretaries and finding accommodation for the fisheries team via exchange of emails.

Two Consultations with Kaupule on each island occurred upon post arrival and prior departure to discuss on the metronome Tentative Program of activities to be carried out and finding results with fisheries current issues respectively.

Community consultation requires 15 participants from each target groups (fishermen, women, youth, elders/men and Falekaupule/Kaupule) to participate in the validation of FMP information been collected from last year and have been consolidated as FMP drafts.

Community awareness requires 15 participants from each target groups (fishermen, women, youth, elder/men and Falekaupule/Kaupule). Presentations are to be delivered by TFD staff on the themes (MPA/LMMA/SPA, Size limit management measure and CFP).

TFD staff conducted a refresher training for the data collector and community fisheries officer on key issues pertained to the creel data collection program. Important documents such as IDC contract, Creel Datasheet and IDC Fortnightly report will be briefed to avoid ambiguity.

TFD staff meet with Kaupule members to screen the TFD MOU on the creel data collection program and make suggestions for any amendments needed using a projector and laptop.

Creel fish landings from fishermen at landing sites using creel equipment (weighting scale, measuring ruler/stick, creel datasheet and pen/pencil). Pelagic (tuna) and all reef species are prioritised and needed to take measurements of the weight and length of a single species.

All boats and canoes that are in good condition and use will be surveyed by TFD staff by measuring and recording its length in metres using a measuring tape, survey sheet and pen as well as checking for its seaworthiness.

CFP cases are obliged to be followed up by TFD staff from the island nurse and information will be transferred to CFP forms if any cases found out.

Operation and Development officers must provide maintenance services to FAD systems if required. FAD MOU was reviewed by fishermen associations and TFD officers- using a projector and laptop followed by checking safety grab bags individually and re-train fishers on the use of every safety equipment while out at sea. Deployment of FAD system was ease by the use of Manuai I vessel assisted by fisheries officers, vessel crews and fishers.

Training was conducted by O&D officers to up-skill CFC staff on administrative tasks and overall management of the CFC. New post harvesting techniques and recipes were also delivered to communities as hands-on training by a fisheries expert.

4.0 Results & Storage

4.1 Community Consultations

Such an activity was intentionally planned to seek clarifications from communities on the information been collected from last year during metronome trips to all outer islands of Tuvalu. The next step would be to finalise FMP drafts before reaching the endorsement stage.

Table.1 Summary of key information needed to be validated with communities

Island Name	Questions to be validated by Communities	Clarifications from communities
Nukufetau	<ol style="list-style-type: none"> 1. What are the ancestral fishing methods with reference to the Introduction? 2. What are recent changes that caused a reduction in the resources? 3. What are their key reef species to be included in the size limit and spawning seasonality study? 4. Why (Salii, Atule and Pule) are important to the community? 	<ol style="list-style-type: none"> 1. "Aalai" and "Taa" of anchovies, scads and rabbitfish. Gleaning cowries is another ancestral type of fishing usually done by women. Such fishing methods are vital in terms of health and better livelihood and normally practiced in the past. However, they are hardly practice nowadays. 2. Changes posed by climate effect such as decrease in fish sizes and quantity as well as the problem of hard to catch fish in nearby waters. 3. Gatala (Epinephelus polyphekadion, Fonu (Common Turtle spp) and Maiava (rabbitfish). 4. Salii and Atule are two kinds of fish that can be caught by "Taa" or "Aalai" (traditional fishing method) and Pule is used for women handicrafts. Such resources need to be maintained sustainably.
Vaitupu	<ol style="list-style-type: none"> 1. Which SPAs would the community need to expand? 2. Are you look at the broodstock or increasing number through culture (regarding milkfish)? 3. Is there a reason why the Kaupule are allowed to fish in protected areas? 4. Confirm all the verbal/customary laws of Vaitupu Island? 	<ol style="list-style-type: none"> 1. Kaupule and Falekaupule will send in confirmation by email. 2. Increasing the number of milkfishes through culture. 3. Kaupule is the executive arm of the Falekaupule therefore they can be allowed to fish in protected areas for the purpose of generating revenues for the Kaupule. 4. Vaitupu Kaupule will send in confirmation by email.
	<ol style="list-style-type: none"> 1. What traditional fishing methods would the women like to learn? 	<ol style="list-style-type: none"> 1. Kae (use a hook-like stick or steel to pull out fish from holes), Tae Alili, Sisi Kalo and Keli Kasi. [Alili – Gastropods (Turbo setosus &

<p>Nui</p>	<ol style="list-style-type: none"> 2. Clarify what the priority species are? 3. What are the existing Falekaupule’s customary laws? 4. Confirm if Nui actually have bye-laws? 	<p>Turbo argyrostomus); Kalo – Mullidae (Mulloidichthys vanicolensis); Kasi – a common bivalve].</p> <ol style="list-style-type: none"> 2. Priority species would send in later by Kaupule after Falekaupule endorsement. 3. Spearfishing is prohibited; Catching turtles is not allowed beyond reef margin; Catching nested-female turtles is prohibited on Terikiai islet; Gillnetting around lagoonal patch reefs is not allowed; Use of fishing net with mesh size below 2 inches is prohibited; The final list of customary verbal laws would be approved by the Falekaupule assembly and pass on to CFS by Kaupule before end of 2023 4. Kaupule members in the past failed to endorse bye-laws hence demolition of bye-laws...suggest to formulate fisheries bye-laws if there’s a need arise from the community
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4.2 Community Awareness

During the Metronome trips to the central islands, there were two awareness programs carried out, school **awareness** and **community awareness**. For the school awareness, senior classes Form 1 and Form 2 were chosen to participate, and as for the community awareness, the awareness was presented to different groups, including youths, fishermen, members of the Kaupule councils, old men and old women, and island leaders.

The coastal team section came up with topics for awareness programs; these topics were delivered through PowerPoint presentations by members of the coastal team section. The topics are listed below, along with their presenters.

- i) **Ciguatera Fish Poisoning (CFP)** - Filipo Makolo
- ii) **LMMA, SPA and MPA** - Kutimeni Peleti
- iii) **Size Limit** - Paeniu Lopati

The community awareness was conducted in Falekaupule of all the central islands. The topics covered in the community awareness were similar to those covered in the school awareness, and the same three presenters gave their PowerPoint presentations to the community. A good number of people attended this awareness event, and the community asked many questions to the presenter of each presentation while the presenter and the rest of the team collaborated to respond to the questions raised from the community.

4.3 School Awareness

After delivering the presentations from the three presenters to the primary schools of the central islands (*Nukufetau, Vaitupu, and Nui*), the three presenters gave the students and teacher an opportunity to pose questions. After answering questions from students as well as teachers, presenters gave quizzes at the conclusion of each presentation; students who answered correctly received a small gift from the team. Included in these presents are stationery items (books, erasers, pencils, and sharpeners). The following are the questions and comments that students and teachers raised with the presenters.

Tutasi Primary School (Nukufetau Island)

- *Teacher (comment): She asks if the whole team can introduce themselves so the students can know each person.*
- *Teacher (comment): He represents the students (Forms 1 and 2) and gives words of thanks to the team.*

Tolise Primary School (Vaitupu Island)

- *Teacher (question): She asks a question about turtles: do they fall into which category, High productivity or Low productivity?*
- *Student (Headboy): He says a word of thanks to the team for the important presentations that they have delivered.*

Vaipuna Primary School (Nui Island)

- *Teacher (Comment): Give thanks to the team, and he mentioned the importance of school awareness.*

4.4 Creel Survey

One of the tasks completed on the Metronome trip was a creel survey, this activity was carried out by the coastal section team. Although this activity was only undertaken on the islands of Nui and Vaitupu, Nukufetau hasn't conducted any creel activities due to the busy schedule faced by the team and the involvement of the island with their first Taumaketi on the island. So together with the Data Collectors and CFOs of these two islands (Nui and Vaitupu). The coastal team carried out creel survey on these two islands and particularly the outer island subsection team, observed how the Data Collectors carry out their work through this activity and discussed on any issues they may be having. And the Nui Data Collector brought up the issue of some fishermen not always wanting to creel their catches, because it consumed a lot of their time to wait while the data Collector work. However, the team were able to collected seven and three creel samples from Nui and Vaitupu respectively.

4.5 Data Collector (DC) & Community Fisheries Officer (CFO) Refresher Training

The Refresher Training is one of an ongoing activity in Metronome trips. This activity is to discuss the status of the progress work from each island Data collector's movement throughout the past years. This years' plan is to refresh the contract with the data collectors to ensure their competence and understanding on the present status they are entitled to adhere. The team also gave a brief summary of the progress work they were engaged with and to point out the slips with reference to the contract that they should look into in order to improve, there is also a chance given to the DC to raise important issues that the TFD, Kaupule and the DC can make amends with to improve the quality of data collected this year onwards.

The Coastal team met with the Nukufetau CFO since the DC for Nukufetau was prearranged to be selected during this Metronome. Matapua gave a brief summary of the agenda and continued with reviewing of the DC's contract. Afterwards the Facilitator will raise the issues faced by the DC to see that these issues are explained and taken care of through technical advice and proper discussion with the team. The following were the results of the activity.

Consulting on Data collector's "Contract".

- Discussion with the Nukufetau CFO
 - The Nukufetau CFO was briefed by the team on the details of the contract, there were questions raised on the annual salary and leave entitlement which were clear under the contract. For annual incremental, the DC is not entitled to as they are under contracts.
- Discussion with the Vaitupu and Nui DC
 - The DC stated that she is well versed with the contract therefore there were no questions raised, the same results with the Nui DC.

Discussions on the "Creel Data Survey Sheet".

- Discussion with the Vaitupu and Nukufetau DC on "Creel survey sheet"
 - The Nukufetau CFO and Vaitupu DC mentioned that there should be some sections in the creel survey sheet that are seldom fill due to the repetition of questions and time consuming while on the field, therefore they suggested that some questions should be interviewed once a year, other questions can remain for the field survey.
 - Vaitupu DC needed training on how to survey invertebrates, the TFD Coastal International Fisheries Advisor (IFA) Aimee Komugabe Dixson mentioned that there would be an SPC training on Ika-Savea App due November where all DC will be informed on such issues.
- The fact that the Nui DC is new to the work, he is still on the process to learn more on the field in order to know the difficulties faced while doing creel work.

4.6 TFD Data Collection MOU Review with Kaupule members

The purpose of the DC MOU review is to assess the fair distribution of understanding and support between the Kaupule and the TFD with the aim of the data collection program. The MOU is between the 'Tuvalu Fisheries Department', the 'Island Kaupule' and the 'Data collectors'. The impression is to raise ideas to improve support from different bodies with reference to known issues experienced from 2015 when the program started to date.

MOU review with the Central Island Kaupule

The Nukufetau Kaupule stressed the importance of using the Kaupule as the main central contact between the DC and TFD in terms of progress work, and the implementation of work plan and ownership of properties. This is maintaining collaborate work and mutual understanding on progress work between the three parties. In this case, there should be no more confusion between the concerned parties. Due to limited supply Like Nukufetau, Vaitupu most focus in the inclusion of the concerned Kaupule (Fisheries Kaupule) to changes and movement made between the DC and the TFD. They also suggested replacement of a motorbike to a quadbike to encourage carrying all creel gears to fishermen landing sites, could also be off benefits to the Island's Fisheries work. Suggestion also made by central Kaupule to create an allocation budget for DC transport fuel, internet connection, etcetera to maintain updated and quality work delivered by each DC. The team make a clear motion with reference to the DC's contract that the DC should only do creel and could not be engage in other work to ensure they meet their target number of samples for each week, due to limited number of samples collected by each Outer islands DC, thus an idea was made clear by the TFD Coastal section guarantee DC to focus only on collecting data and no other work engagement besides.

The team also assured the Kaupule that each the issues raised were well noted to be implemented when the time is right, and of course funds availability.

4.7 Ciguatera Fish Poisoning (CFP)

No cases were reported from island nurses of Nukufetau, Vaitupu and Nui to be affected by ciguatera fish poisoning.

4.8 Boat and Canoe Survey

Independent Boat and Canoe survey were conducted during the Metronome 25 to the central islands.

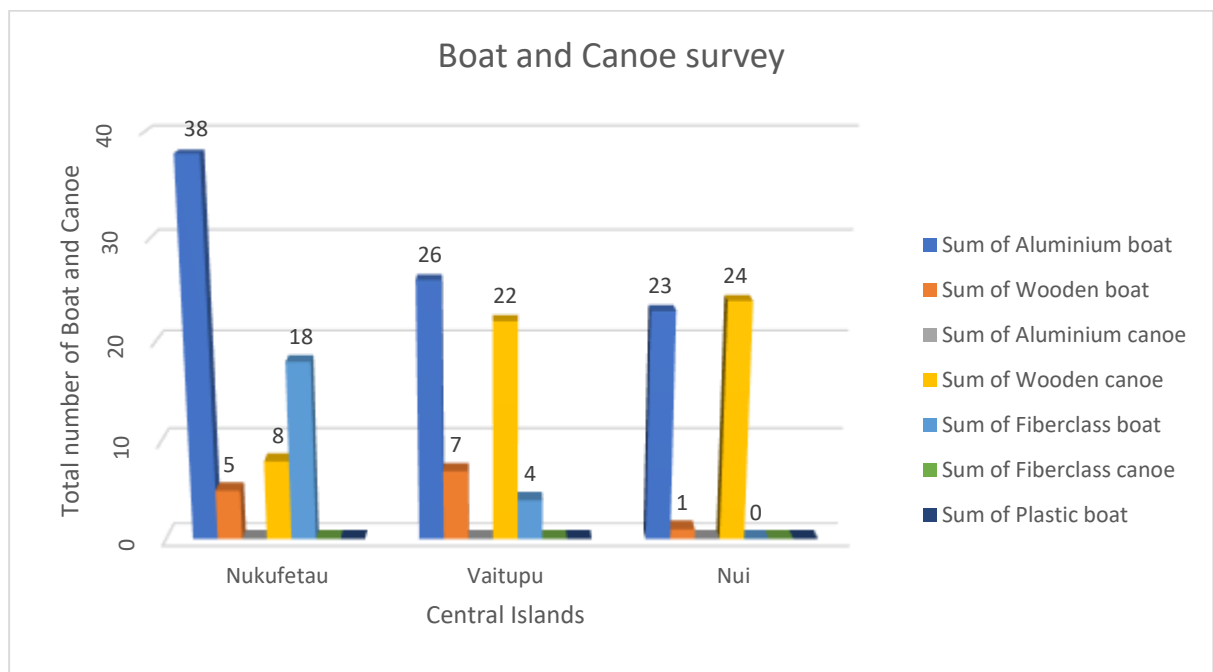
The total number of boats and canoes has survey during metronome trip are only those boats and canoes which are still sea worthy for fishing, transport and recreational or could be repaired and excluded those boats and canoes are in a condition that no longer could be repair or maintenance.

Most common marine vessel materials found on all the central islands were Aluminium Boat and follow by Wooden canoe while the least marine vessel common material for all islands is Wooden Boat **Table.2** and **Graph.1**.

Table.2 Showing Total number of boat and canoe for all the central islands

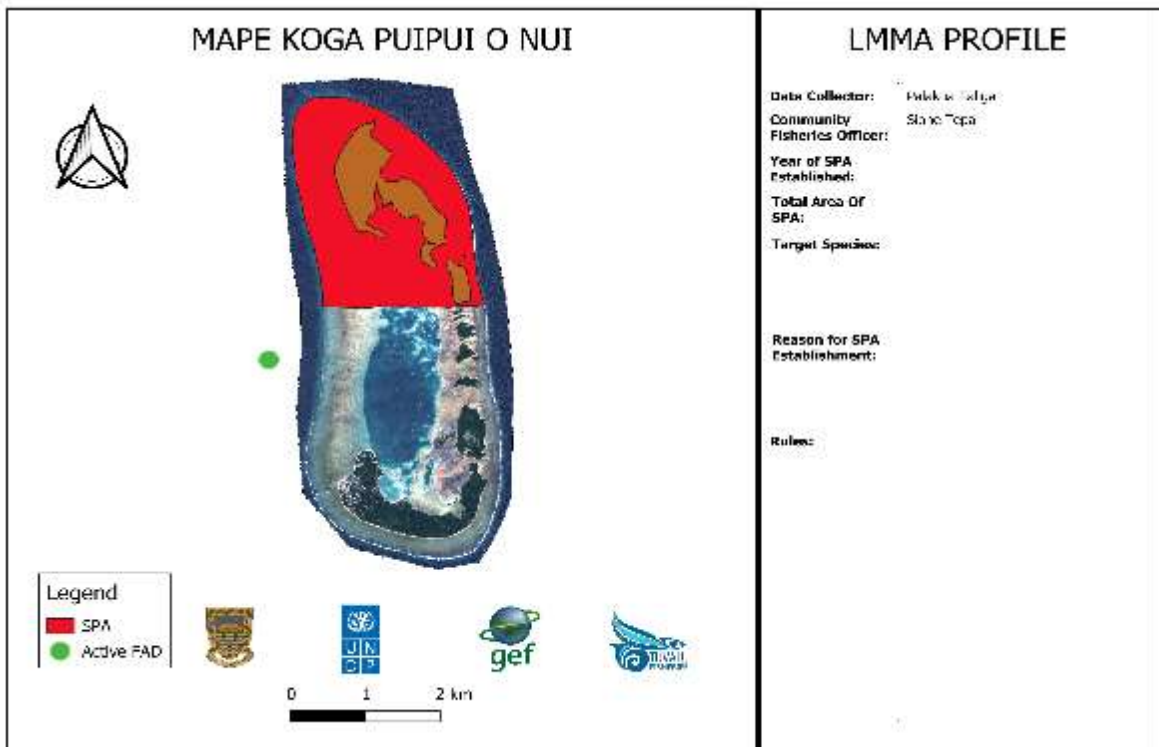
Island	Aluminium boat	Wooden boat	Aluminium canoe	Wooden canoe	Fibreglass boat	Fibreglass canoe	Plastic boat
Vaitupu	26	7	0	22	4	0	0
Nukufetau	38	5	0	8	18	0	0
Nui	23	1	0	24	0	0	0

Graph.1 Showing Total number of boat and canoe for all the central islands



4.9 Locally Managed Marine Areas Activities

Information on demarcation of Locally managed marine areas (LMMA) maps for central islands were validated via community consultation. Slight changes were based on the customary laws or rules as shown in **Figure.1**, **Figure.2** and **Figure.3**. Other useful information related to the established years of island SPAs, Bye-laws, Rules and Management Measures for the three central islands would be emailed in by Kaupule Secretaries and to be followed up by Outer Island management team by end of 2023. Nonetheless, the LMMA maps would be printed out as important management information guide to improve awareness of communities and the public on LMMA boundaries and fisheries rules and management measures that are existed in all islands.



corals to date. However, the TFD team were amazed to witness the progress and success of coral planting as seen in the photos below.



Figure. 4 Pictures on the progress of Coral Planting in the lagoon of Nui, 2023.

4.10 Operation and Development Activities

Table.3 Revealing individual activities carried out by Operation and Development section in the Central Islands

Activity	Achievements
FAD Program	The FAD program to fishermen associations started at 1300hrs at the venue that located to run the training. The two officers from the Operation development unit presented short presentations to fishermen associations regarding the FAD system on how to construct a FAD system and deployment of FAD system to the water. We deployed one FAD system at Nukufetau island at the same location of the previous one. The new FAD location was renamed as (Te Afua Vee) 178°18.9582'E – 08°31.320'S). The FAD program was only targeted for Nukufetau island excluding Vaitupu and Nui.
Review of MOU/MOA of Grab Bags & FAD System and Refresher Training	On the 16 th we reviewed of the MOU/MOA of GRAB BAG AND FAD SYSTEM . Also, we run the refresher training and inspection for all the Grab bags owned by each fisherman of Nukufetau. The TFD dispatched new Grab Bags to CFOs at each island funded under the PROP project. The training started with an inspection by fisheries officers and we

	found out that some of the devices in the grab bags have not yet been used and some bags we found out PLB, VHF and ACR torch were not working well.
CFC Staff Upskilling	On the third day we focused on building capacity of the CFC staffs on fisheries sector activities, managing of the CFC fish market and also on new method of post-harvest on Tuna jerky product.
Relocation of VHF land base system to the CFC	A concern from the Kaupule family of Nui Island to fisheries department raised by Mr. Maselusi Boreham was on the relocating of the VHF land base station to the CFC market . The request was accepted by TFD and two crew officers from the Manui II came ashore to assist with the relocating of the VHF station to the CFC market. The work on the relocating took one whole day on uninstalling and reinstalling of the VHF land base to the new locations at CFC market.

4.11 Issues and Challenges

- ✚ Needed annual technical training to refresh their approach to doing survey applied to changes to our way of life. The TFD Coastal team assure the DC that there would be a pending workshop to the use of “Ika savea” app that will be held on coming November.
- ✚ The loss of data sheets from the Data collector on its way to the TFD office in Funafuti, Aimee suggest for the DC to use the ‘We Transfer’ app where Facebook and Gmail are less helpful with to send big files of pictures.
- ✚ Data collectors stretched out issues faced with fishermen during creel survey. As usual there is always challenges faced with creel survey, DC should maintain professional attitude in their line of duty and face the fishermen/fisherman professionally and to treat the fisher with respect.
- ✚ There are gaps of understanding between the Kaupule and the DC contract that will result in confusion with allocated tasks assigned to be executed by the DC, there is a need of well-versed consultation with the Kaupule to better clarify the usefulness of this data collection program and differences in approach to achieve the goal – that is quality data from each island fishermen.
- ✚ Nukufetau requested for an awareness on sharks on how to control disturbance from sharks during fishing activities
- ✚ A need for TFD to review the Nukufetau Bye-law on Conservation of marine resources is recommended
- ✚ TFD to follow up with all Kaupule secretaries for the central islands on information related to their Fisheries Management Plans before 2023 ends

5.0 Appendix

5.1 Seafood Poisoning Report Form



SPC Seafood Poisoning Report Form

This is an electronic form. Please fill the fields or check the boxes using your keyboard and mouse. Text fields will expand to accommodate any amount of text, so do not worry of the space for your answer seems small.

Report Form

Details of person filling in report form	
Name	Job/Position
Contact Address	
Date	Signature

Poisoned person's details		
Name	Sex (M/F)	Age (yrs.)
Address		

Details of the seafood that caused the poisoning (tick all that apply)				
Type of food	Where caught	How preserved	What eaten	How eaten
Fish <input type="checkbox"/>	River <input type="checkbox"/>	Fresh, no ice <input type="checkbox"/>	Head <input type="checkbox"/>	Raw <input type="checkbox"/>
Crab <input type="checkbox"/>	Mangrove <input type="checkbox"/>	Fresh, iced <input type="checkbox"/>	Flesh <input type="checkbox"/>	Marinated <input type="checkbox"/>
Lobster <input type="checkbox"/>	Beach <input type="checkbox"/>	Frozen <input type="checkbox"/>	Skin <input type="checkbox"/>	Cooked <input type="checkbox"/>
Other crustacean <input type="checkbox"/>	Patch reef <input type="checkbox"/>	Salted <input type="checkbox"/>	Liver <input type="checkbox"/>	
Gastropod <input type="checkbox"/>	Lagoon <input type="checkbox"/>	Dried <input type="checkbox"/>	Roe <input type="checkbox"/>	How many others:
Bivalve <input type="checkbox"/>	Outer reef <input type="checkbox"/>	Smoked <input type="checkbox"/>	Other <input type="checkbox"/>	Ate this meal?
	Ocean <input type="checkbox"/>	Pickled <input type="checkbox"/>	Specify:	Felt sick?
Other mollusc <input type="checkbox"/>	Other <input type="checkbox"/>	Other <input type="checkbox"/>	Specify:	Were admitted to hospital?
Specify:	Specify:	Specify:	Specify:	
Unknown <input type="checkbox"/>	Unknown <input type="checkbox"/>	Unknown <input type="checkbox"/>	Unknown <input type="checkbox"/>	Unknown <input type="checkbox"/>
What is the local name of the seafood?				
What is the English name of the seafood?				
Name of vendor or restaurant (if bought)				
Name of the place it was caught (if known)				
When was the food eaten?	Date:	Time:		
When did you first feel sick?	Date:	Time:		

Symptoms (tick all that apply)

Burning or pain when touching cold water <input type="checkbox"/>	Pin pricking sensation on touching water <input type="checkbox"/>	
Tingling or numbness <input type="checkbox"/>	Strange taste in mouth <input type="checkbox"/>	
Difficulty or pain urinating <input type="checkbox"/>	Skin itching or red <input type="checkbox"/>	
Difficulty breathing <input type="checkbox"/>	Excessive salivation <input type="checkbox"/>	Fever / chills <input type="checkbox"/>
Difficulty walking <input type="checkbox"/>	Excessive sweating <input type="checkbox"/>	Headache <input type="checkbox"/>
Difficulty talking <input type="checkbox"/>	Diarrhoea <input type="checkbox"/>	Joint aches <input type="checkbox"/>
Eye irritation <input type="checkbox"/>	Vomiting <input type="checkbox"/>	Muscle cramps <input type="checkbox"/>

Others:

History

Have you had seafood poisoning before?

Yes | No

How many times?

Details	When?	Type seafood	Hospital?	How long to recover?
Case 1			Yes <input type="checkbox"/> No <input type="checkbox"/>	
Case 2			Yes <input type="checkbox"/> No <input type="checkbox"/>	
Case 3			Yes <input type="checkbox"/> No <input type="checkbox"/>	
Case 4			Yes <input type="checkbox"/> No <input type="checkbox"/>	
Case 5			Yes <input type="checkbox"/> No <input type="checkbox"/>	
Case 6			Yes <input type="checkbox"/> No <input type="checkbox"/>	

Anything you remember about past poisoning?

Medical data

Pulse:

Blood pressure: /

Pupils:

In case of death

Date of death:

Autopsy findings:

Other information:

Local Knowledge and Background Data

Survey Questionnaire No. ____/____

Details of person filling out this form	
Name:	Job/Position:
Contact Address:	
Date:	Signature:
Details of the person interviewed (optional)	
Name:	Sex (M/F): Male <input type="checkbox"/> Female <input type="checkbox"/>
Age (years):	Ethnic Group:

Questionnaire (tick the boxes where appropriate or fill in the blank spaces)	
1. Are you aware of any previous cases of food poisoning from seafood products among your family and friends?	Yes <input type="checkbox"/> No <input type="checkbox"/>
2. If so, could you give a rough estimate of the number of such cases of food poisoning?	
Yes <input type="checkbox"/> No <input type="checkbox"/>	If yes, how many?
3. Have there been periods or years in which the number of cases has been higher?	
Yes <input type="checkbox"/> No <input type="checkbox"/>	If yes, when?

How would you explain this?

4. What are the most frequent symptoms of the people who have such food poisoning?

5. Which seafood products were supposed to have caused this seafood poisoning?

Fish What type of fish?

Other What type of seafood?

Don't know

6. Where are the toxic seafood products most often caught?

Ocean | Lagoon | Others Specify:

Please return this form to: The Tuvalu Fisheries Department. Thank you.

5.3 Creel Survey Datasheet

Tuvalu Fisheries Creel Survey Data Sheets

Date:		Serial / ID Number:	
Island:		Village/Site:	
Surveyor 1:		Surveyor 2:	
Latitude (DD):		Longitude (DD):	
C1 Basic Information on Fishers			
Lead Fisher's Name:			
Date of birth:		Gender:	<input type="checkbox"/> Male <input type="checkbox"/> Female
Address as Village / Town / City:			
Is the fisher with others?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
➔ Data on other fishers in the landing today:			
#	Fisher's Name:	DOB (d/m/y)	Gender
1			<input type="checkbox"/> Male <input type="checkbox"/> Female
2			<input type="checkbox"/> Male <input type="checkbox"/> Female
3			<input type="checkbox"/> Male <input type="checkbox"/> Female
4			<input type="checkbox"/> Male <input type="checkbox"/> Female
5			<input type="checkbox"/> Male <input type="checkbox"/> Female
➔ Back to Lead fisher:			
How often do you go fishing per month?			/ month
How many months a year do you fish <i>(i.e. exclude closed months)</i>			months fished
What fishing methods do you usually use <i>(over the last year)?</i>		Method 1:	
Method 2:		Method 3:	
Method 4:		Method 5:	
Where else do you land your fish? What other locations? <i>(List by priority and use map)</i>			
Most often	#	Location	# trips/month
↓	1		
	2		
	3		

	4	
Least often	5	

Why do you go fishing?
 Subsistence | Income | Both | Other _____

Please provide details:

About how much of today's catch will be eaten at home / sold?	Home:	Sold:
	%	%

What would you expect as income from today's catch overall?
 \$

What is your eye-estimate of the total weight of the day's catch?
(Estimated by you, not the fisher)
 kg

C2 Species composition / counts

What is the total count by species of all fishes / invertebrates / other landed?

Species name / Group	Number	Species name / Group	Number

C3 Species sizes and C4 Species weights

Species Name All sizes in the catch in cm and all weights in kg
(Continue along rows for a species. Each row fits 5 fish. Repeat species in a new line if you need more space)

	cm	kg	cm	kg	cm	kg	cm	kg	cm	kg

3			\$
4			\$
5			\$
Did you have any gear losses during this fishing trip? What and how much to replace or repair?			
#	Gear	What loss / damage?	Cost r/r
1			\$
2			\$
3			\$
4			\$
5			\$
Please list any other costs of this fishing trip. Include fuel, wages, ice, food, drink, any other items			
#	Item description		Price
1			\$
2			\$
3			\$
4			\$
5			\$
What is the distance to the furthest site you fished in today? <i>(ask person to show you on map and draw, we will extract coordinates later)</i>			km
#	Site name	Latitude (DD)	Longitude (DD)
1			
2			
3			
4			
5			
What kind of boat used today?			
Construction: <input type="checkbox"/> Wood <input type="checkbox"/> Fibreglass <input type="checkbox"/> Plastic <input type="checkbox"/> Aluminium <input type="checkbox"/> Concrete			
Type of boat: <input type="checkbox"/> Alia <input type="checkbox"/> Canoe <input type="checkbox"/> Dinghy <input type="checkbox"/> Punt <input type="checkbox"/> Skiff <input type="checkbox"/> Other <input type="checkbox"/> None			
If "other", what kind of boat?			
How is the boat powered?		<input type="checkbox"/> Paddle <input type="checkbox"/> Sail <input type="checkbox"/> Inboard Outboard: <input type="checkbox"/> 2 stroke <input type="checkbox"/> 4 stroke	
Length:		Engine:	



	m		hp
--	---	--	----

What safety gear do you have on board today? <i>(tick all that apply)</i>	<input type="checkbox"/> Oars <input type="checkbox"/> Life jackets <input type="checkbox"/> Water <input type="checkbox"/> EPIRB <input type="checkbox"/> GPS <input type="checkbox"/> Flares <input type="checkbox"/> Bailer / Bilge <input type="checkbox"/> Extra fuel <input type="checkbox"/> Others (specify):	
<h3>FADs</h3>		
Did you fish on a FAD today?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
What species were you targeting?		
Why do you use a FAD (this trip and others?)		
Are there any problems with the FADs?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Please explain:		
<h3>C7 Perceptions of fishers</h3>		
How long have you been fishing?	_____ years	
How long have you been doing this type of fishing?	_____ years	
What other types of fishing have you done in the past ?		
Do you do other types of fishing now?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Describe:		
Are you fishing in the same areas as 5 years ago?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Please explain:		
Are you catching the same quantities as 5 years ago?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Please explain:		

Are you catching the same sizes as 5 years ago?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Please explain:		
If catches are different , what has changed?		
Are you aware of any existing Fisheries Laws?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Please explain:		
Do you have any concerns about the resources?		
Thank you		

5.4 TFD MOU with Kaupule on Data Collection



Tuvalu Fisheries Department

Memorandum of Understanding (MOU)

Between

Data Collectors [Party A]

And

Tuvalu Fisheries Department [Party B]

And

Kaupule [Party C]

This is an agreement between “Party A”, hereinafter called **Data Collectors**, “Party B”, hereinafter called **Tuvalu Fisheries Department** and “Party C”, hereinafter called **Kaupule**.

I. PURPOSE & SCOPE

The purpose of this MOU is to clearly identify the roles and responsibilities of each party in taking precautions to protect items issued by “party B” hereinafter called **Tuvalu Fisheries Department** to “party A” hereinafter called **Data Collectors** and the integral management of main activities of Coastal Fisheries carried out in the Outer Islands under the accountability of “party C” hereinafter called **Kaupule**.

In particular, this MOU is intended assist data collector’s to:

- Enhance and improve their work on the field by providing them with the best technology equipment’s, motor cycles, and all other assets.
- Increase their knowledge and understanding using tablets and other equipment’s.
- Reduce costs of internet expenses and other expenses which seems to be problematic to their work in the past.
- Establish reports using the application installed in each tablet

II. BACKGROUND

Tuvalu Fisheries own and operates various types assets including items checked out to data collectors. However, data collectors had been very resourceful and valuable to the Fisheries Department in the past years and of course in the continuing coming years.

III. [PARTY A] RESPONSIBILITIES UNDER THIS MOU

[Party A] **Data Collectors** shall undertake the following activities:

- Undertake their best effort to ensure the proper used of items issued to them and not exposed to any loss or damaged.
- Maintain proper records of any assets issued to them.
- Periodically checking that assets are still working, used correctly and are in good condition.
- Returning of any assets to the “Party B” Fisheries Department if the holder is no longer entitled – for example; the data collector leaves the department for another job.
- Handing over of assets to a replacement custodian before departing for an extended period of absence such as study leave.
- Reporting immediately to the asset officer any loss or damaged of assets, and preparing a written report on the incident if required.

IV. [PARTY B] RESPONSIBILITIES UNDER THIS MOU

[Party B] **Fisheries Department** shall undertake the following activities:

- Maintain records of all assets checked out to data collectors
- Deliver or pay a quarterly visit to check and inspect all assets issued data collectors.
- Support data collectors providing appropriate assets to enhance and uplift there work more effectively.
- Provide assistance in maintenance of assets if required.



- Evaluate and assess data collected quarterly from data collectors and submit report to the Director of Fisheries.

V. IT IS MUTUALLY UNDERSTOOD AND AGREED BY AND BETWEEN THE PARTIES THAT:

1. If the custodian fails to prevail any assets given to them from any loss or damaged, as a result the custodian **MUST** reimburse the Fisheries department the left-over value of an asset then, another new equipment can be issued again.

VI. EFFECTIVE DATE AND SIGNATURE

This MOU shall be effective upon the signature of Parties A and B authorized officials. It shall be in force from (Day) _____ of (Month) _____ (Year) _____.

Parties A and B indicate agreement with this MOU by their signatures.

Signatures

Data Collector

Fisheries Director

5.51 Nukufetau Minutes

Miniti Validation FMP Nukufetau

Date: 16/05/2023

09:05 - Tao Alik (Mautala) - Opening Remarks

Kaino - Tuku te avanoaga kite TFD Team

Maani – Introduction

Kufaki – Presentation Nukufetau FMP

Simona – E lasi te pasene o ika mai tua/taki kae foliki te pasene o ika iloto ite namo

Line – 2.3 Develop Awareness Salii, Atule & Pule, ke toe onoono aka o fakamalosi aka a vaega faiva I aso mua.

Kufaki – answer and clarify on Line’s point.

Paeniu - Fakalauefa te faipatiga kite objective 2

Finau – Maiava ne fakasae foki iloto ite objective 2 kae seai sena igoa e tuu iloto ite palani.

Mautala – Te TAA se faiva foki e tasi telaa e fai ne tino ote fenua.

Kaino – Te TAA se faiva kae kese mote ALAI.

Nai – E kilogina te tili maikao 1, kae kaia se fakasae iei te fakatapuga te faika o Gatala I taimi e fanafanau iei.

Faiana – Koe tili maikoa 1.5 e tapu

Teisio – Ne fakatuu kite palani atiake ke mafai o fakagalua ate maikao 1, kae seki mafai loa fakagalua.

Nai – Faipati kiluga I mea kolaa seki sae me mafai o fakasae e.g. gatala.

Teisio – Ke mafai o maua a data mai luga ite CFC, iloo ite tuku kite DC e mafai o see 100% te accurate o data.

Ligo – Fesili me sea te palani se palani Tuvalu io me palagi

Kufaki - Tali

Ligo – E mata sea togi o tino ote fenua mai te fakagalua ote palani tenei

Kufaki – Kote lei ote Fenua mo aso mai mua

Faiaki – E mata species konei ite palani konaa loa sepecies ne mafai o maua I fakamaumauga a lua DC

Kufaki –



Faikai – E uke atu a niisi sepcies e puke ne tagata faika mai tafa o taea, kae ke toe onoono aka kite fakamaumauga o lua data kote mea ke mafai loa o aofia niisi species.

Paeniu – IME Table, Objective 1

Teisio – Ne avaka te mafaufauga ite 1990+ kae ne fakatu ite 2005 kae fakagalua ite 2006 ate SPA (2006)

Line – Ne avaka ite falekaupule ke faka by-law, kae ne faigutu ua seki ai loa se fakapatonuga me kooti ne pasia te by-law tenaa.

Teisio – E pau mote mau a Line

Mautala - Te fakamunaaga kite tapu te fano ki Funaota, ko tena uiga e tapu a tino katoa Nukufetau mo tino mai tua iluga I Funaota, e tau o isi se taliaga mai te komiti ke saoloto koe I Funaota.

Teisio – E isi ne poe kae kooti ne kati ne tino.

Teisio – E mafai o fakamaua se pooti io me se drone mo fai a galuega ite puipuiga o koga puipui.

Nai – Lago ke fakatele a galuega ite taipola Implenetation Plan maise kote tokiga o kamu 2023-2024

Simona – Ke lloilo taimi fanau o fonu.

Selema – E mata kamu e mafai ua o toki ne tino valevale

Paeniu – Ao e mafai kae e need o train fakalei ke mafai o isi se malamalama ite tokiga o kamu

Selema – Te agaga kote ke mafai o sala ne tino ke train ke toki ne latou a kamu.

Lasalo – Maiava ke faulu kite spawning season

Teisio – Ke taofi te maiava kae faulu ate Gatala

Mautala – E mata kafai e fakatapu te ika tenaa ite puke ko tena uiga e fakatapu loa kite 3 tausaga

Timena – E taua kote mea ke fai te meatonu, te fakalavelave a tino e mafai loa o olo o fai a faiva I taimi e pono iei ate gatala. Telaa e taua kote mea ke mafai o fakamaoni tino ote fenua

Fenua - 1. Gatala - 31

2. Fonu – 18

3. Maiava – 3

Paeniu – Objective 2

Teisio – ALAI fakatuu se fund ke mafai o olo katoa o fait e training tenei.

Kufaki – Te Kaupule e mafai o fesoasoani kite fakatupega o activities foliki konei iloto ite palani.

Kufaki – Objective 3

Teisio – Milk fish ke mafai o fakaola I Nukufetau nei, ke mafai o fakatoo iloto ite atiakega tenei

Mautala – E mafai o faulu a pikini ke mafai o fakamailoga a akau kolaa e pono ite auala o tagata faika.



Kufaki – Kooti ne fakagalua ate vaega tenaa

Kaino – Te fakatuu o pikini ite mata ote ava e se mafai o fai ne te TFD, kote Marine Department e a latou ate galuega tenaa. Kae kiluga I pikini iloto I akau e mafai o fai ne te TFD.

Ligo – Ate sene telaa e masani e aumai saale a aumai ne te TFD me aumai loa ne te Maloo

Kufaki –

Ligo – E mata te sene e tau loa o nofo mote Kaupule kae pule foki loa latou ite fakaaogaga??? E lasi te fano ki mea mai tafa kae se fano tonu loa kiluga ite koga tonu tela e tau o fano koe kiei.

Teisio – E taua ke aumai saale ki taimi e fai iei fakatauga tupe ate Kaupule kote mea ke avaka mafauauga ke fakatuu ne ulu e fano tonu kite manakoga o latou.

Penima – E fakatali te Kaupule ke mafai o maua ne latou ne proposal ite fakaaogaga o sene ko mafai iei o faite se ulu kite proposal tenaa.

Nai – Se talia ke faite se komiti mote palani tenei. E isi se ofisa e fakatuu kae mafai o galue fakatasi mote Kaupule ke onoono kite fakatelega ote palani tenei.

Line – Te CFC e galue tasi mote Kaupule e onoono kite faleika, kae isi foki se komiti e onoono kiei, kae ea laa mafai e tuku loa kite komiti tenei ke onoono kite CFC.

Sailusi – Ke tai tasi te mainaga ite fakaaogaga te sene tenei VDS, sea te ulu ka fakatuu e pogai tonu loa mote Faleika.

Teisio – Komiti, ke galue fakatasi mote CO ite fakatelega ote palani. Ke nofofale me ten ate aoga ote komiti

Mautala – KE fakatai lasi atu aka te tupe VDS e aumai kite sene.

Penima – Ke iloa fakatasi ne tatou a step mote fanoga/fakagalua te tupe tenei. E isi se lima fakagalua ote Fenua telaa onoono kiei.

Fakatuuga ote komiti – YES: 32

NO: 5

Line – Ko lua komiti ate faleika, nea laa galuega ate komiti tenei e tuu nei ate faleika.

Nai – E isi ne mea ka pokotia ite komiti tenei ka fakatuu, mo palani ate faleika

Teisio – Te komiti te faleika e kese loa mote komiti tenei ate palani, kote mea ke tasi te mainaga ote komiti tenei ka fakatuu nei.

Kufaki – Te komiti tenei kote mea loa ke focus o fakatele te palani tenei.

Penima – Ke faulu lo ate Kaupule ite komiti tenei

Ligo – Ke se kau te Kaupule ona me ka mafai o fulifulu ne latou a tonu ate palani tenei.

Timena – Ke naa fakaiku aka te manatu kite filiga ote komiti

Fakaiku me ka avaka ite fono ate fenua ke mafai o fili ate komiti tenei.

Kaino - Closing Remarks



Awareness program - Nukufetau Island

Date: Wednesday – 17th May, 2023

Time: 9:15am

Venue: Feagai Mote Ata Falekaupule

Nukufetau Awareness Minutes Day 1		
No.	Item	Actions
1.	Opening Remarks: Tao Aliko Mautala opened the awareness program and gave the opportunity to Kaino with a word of prayer.	TFD officer, Mr Maani Petaia
2.	Presentation 1: Mr Filipino Makolo welcome the community with an opening remark, talks about “Fish poisoning or Ciguatera Food poisoning” He emphasise that the beginning of getting affected is from the seaweed with excess amount of ciguatera toxin that trigger	Open for questions and answers
3.	Question; 1 Why less fish poisoning now than before? 2. Can this toxin be stopped? 3. Why only some fishes are infected by poison but not others 4. why only some people who consume the same fish, one got the poison symptoms and the other doesn't.	<ol style="list-style-type: none"> 1. More awareness program 2. No, can only be controlled if they are naturally existed 3. Because
4.	Presenter 2: Kutimeni Peleti LMMA, MPA and SPA <ol style="list-style-type: none"> 1. He introduced himself and the topic to cover on his presentation 2. He talks about ____ 3. Then CBFM where community have the power to control and manage their marine resources. LMMA is the 12nautical mile around their island, and the community also have the authority to control that area 4. Difference between LMMA and MPA is the Government have the full jurisdiction over the nation's boundary. 5. Falekaupule Act states the the Falekaupule have the authority to manage their marine resources and development of by-laws to control impacts of overexploitation 6. SPA is an area where within the LMMA where the government and TFD have the authority to look after and control 	Questions; <ol style="list-style-type: none"> 1. Who have the control LMMA- Falekaupule MPA – Community 2. If a protected area law, who have the power government or community? The law depends on the period this law is upon demand and related power. 3. If we wanted the authority need to give the Minister Law? 4. If we wanted SPA as Law? If you don't want the create bylaws. 5. Can the Minister own his own leadership of Jd 6. If the SPA penalties someone file a complaint the ByeLaw stand by leaders? The leaders have the according to the law We didn't come for just need to remind



5.	<p>Paeniu Lopati : Size Limit Paeniu talks on the importance harvesting fish after their maturity size or to harvest after they gave birth 2, 3 or more times in their life</p> <p>High and low productivity- Gatala low productivity and Atule – high productivity</p> <p>Gonads to determine the sex and the maturity of the fish</p>	<ol style="list-style-type: none"> 1. Do you know species? There has to be a seasonal seasonality. 2. Maybe there could be awareness on sharks during fishing
6.	<p>Maani concluded day and the awareness program – Kaino also gave a closing remark emphasizing the usefulness of the information learned on today’s program Mautala also conclude with thanks, there were loads of new information reminded and understood by the community</p>	<p>- Ligo thanks the community program and suggest if for ne increasing the amount of allow</p>
Program ended	<p>Time : 10:45am.</p>	<p>Conclude the day with allowa</p>

5.52 Vaitupu Minutes

VTP FMP Minutes Validation

Date: 23rd May 2023

9:30 – Introduction

Kaleia (Pule Kaupule): Opening Remarks & Prayer

Maani: Introduction

Kufaki: Presenting FMP Validation

Kalepo: Maikao 2 e tapu iloto I SPA kae saoloto mai tua. Potu Fakagamua mote vasia o fatu konei ite uafu, e nofo loa mote Falekaupule, e seai se aia ote Kaupule iei.

Kaleia: Kote lima fakagalue ote Fenua e onoono kite feitu tenei kite fakamauaga ote revenue ate Kaupule.

Taupule: Fakapatonu te taa o fonu mo uu me isi loa se fakanofoga penei me seai.

Patikata: Ke mafai o fai o toe onoono kite fakavae o mea tau faika o VTP telaa kooti ne fai I tausaga ko teka ite mea ko gasolo o mafuiufuli a tulafono mo fakanofonofoga.

Kalepo: E onoono tatou o fai tou mafaufauga kite fakatulafonoga o mea konei.

Manu: Ite iloa atu a tulafono ne fai kiluga I fonu-solo mo fonu foliki (keakea)

Paulson: Ke mafai o fakatu ne by-law kote mea ke mafai o onoono kiei te Fenua ka mafai o toka ko fakagalue iei. Me tenei te mea e lasi te fakamafulifuliga o fakanofonofoga.

Kufaki: OBJECTIVE 1

Paulson: Ke onoono aka kite KUMALA ke mafai o fai kiei se iloiloga me sea te fakalavelave ko seai iei ite vaitau tenei. Ke faulu foki kiloto ite palani.



Kufaki: Note Strategies 1.3 Ke mafai o fai se iloiloga/savea ki tulaga ote KUMALA koi tuai o fait e restock.

Kaleia(PK): Kote Fenua ke onoono kite Strategies 1.4 Expand boundary SPA

Paeniu: OBJECTIVE 2

Matapua: OBJECTIVE 3

Paulson: Kooti nei ne saina te MOU tenaa e faipati koe kiei, kafai kooti e mafai ke onoono aka te Fenua kiei.

Matapua: Seki saina se draft nei tenei koi fai nei. Kaati ka toka ko mafai o aumai kia koulua ke onoono kiei.

FMP Committee:

Paulson: Te Kaupule ke onoono kite filifiliga ote komiti tenei, ke mafai o fili mai tokotasi mai target groups.

Pati: E pefea te tausiga ne latou ate kope, e mata e isi se fakatupega kiei me seai. Me ite lei ote palani manafai e isi ne vaega penaa.

Kaleia: E isi loa se komiti ate Faleika, e onoono kite fakateletelega ote Faleika. Kae tenaa laa e manakogina ke isi foki ne niisi foitino e tau o kau kiloto kite fakatelega ote palani tenei.

Taupule: Lago ki manatu avaka, kae e mafai ke faulu ate planner kiloto ite komiti tenei ona e tauga tonu ki ana galuega. Kae fakamolemole e mafai o faulu foki se Tama Fenua kite komiti tenei.

Kufaki: Ko confirm aka lo ate lua komiti tenaa ko aumai iei kite TFD (Coastal) kote mea ke naa iloa.

Kaleia: Ke toe onoono aka te Fenua ki tulafono mo fakanofonofoga kolaa kooti ne fakatalia ne te Falekaupule ko toe fakailoa atu.

Pati: Confirm te fakatuuga ote SPA ite 1986, e tonu

Kalepo: Ke tapale te kaipea, kae tuku lo ate tupa.

Kaleia: Ate tolu masina tenei e fai potu, e tala sua feituu ka oti ko toe sua feituu e.g. e tala te feituu ki Tumaseu kae pono te feituu ki Asaua, ka OTI ko mafai o tala te feituu ki Asau kae pono te feituu ki Tumaseu.

Kaleia: E isi ne fakanofoga ne fakatalia nete Fenua, kae isi ne faka by-law ke tai fakamalosi ate tulafono. Me kafai e faka by-law katoa e mafai o pokotia iei ate Fenua.

Closing Remarks: PK

Vaitupu Community Awareness

Wednesday 24/05/23

10: 04 am – Opening remarks from Maani



10: 07 am – Tui with the opening prayers

10: 13 am – Filipino with his presentation

Tui ask question about this limu how it affects the fish

Filippo – Answered

Tui question are all the fish can be affected by CFP

Luuka kai isi ne lua research kite namo vtp me isi nei se limu tenei e ola te namo

Filippo

Kalosieta te CFP e muu fua te liimu tena seai aka nisi mea aka kola e mafua neia te muu

Filippo and Maani answered the question

Kuti: Presentation LMMA, SPA & MPA

Kalosieta question is the LMMA (the 12nm) is under which Management

Paeniu: Presentation Size Limits

Luka fakafesili ki savea kola e fai I ffuti sea te taua o savea (fuaga o ika) kona,

Matapua tali te fesili

Luka ko ika for eg: Tafauli kola se maua iluga te fenua, fakafesili me kaia ko foliki te napa o ika , nisi taimi ko vaka folau konei loto tou atufenua (Nivaga, Manufofau)

Paeniu ans question, Maani too

Tui te tau ate size limit, paneava e mata aia e too ifea e High Productivity me Low Productivity

Paeniu ansred

Tui, e fakafesili kite faika sale nete Kaupule te ika kote paneava, ke aware la ate Kaupule me ke iloa ne latou te tau ate size limit, ona me te Kaupule kote taa fua neia ona for the purpose of money, kae fakatapu2 iei a tino te fenua.

Done Presentation: 11: 03am

Maani with his closing speech

Tui closed the awareness with a closing remarks and words of thanks to the team, closed with a word of prayer.

11:10 END

5.53 Nui Minutes

Miniti Validation NUI FMP

Date: 01st June 2023

Vice Pule Kaupule: Opening Remarks

Tiakono Matua: Opening Prayer



Introduction: MP

Presentation FMP: Lotokufaki Paka – PLAN & Objective 1

Reef Species: Tuku kite Fenua ke fili ne latou ko fakailoa fakamuli kite Coastal Team

Leneuoti: Vaega ika kola e maua ne nisi fenua, kae ikonei pela me galo te ika kote Taiva telaa se ika masani e faika saale ne tino ote Fenua. Te ika kote Fuasisi mote Loi ko gasolo o seai. Fakafesili ki Tulafono, LMMA ke onoono kiei me nea tulafono e mafai o fakanofu mo fakasala kiei a tino e solisoli I kogatapu. Fish pond, ke mafai o toe onoono kiei me ne mea kooti ne fakatalia iloto ite Maloo, kae seiloa me kaia e fui gasue iei.

Sapakuka: Kooti ne fakasaisigina o tili kupega, kae lagoalago ke mafai o onoono ke lloilo fakalei a ika kolaa e lavea mai lipoti ite Matagaluega ke mafai o aumai kite Falekaupule ke fakamalosi ne latou.

Aitopele: E mafai o aumai a Taea mai Funafuti ke fakaavaga ikonei ke mafai o tai fakauke te fuainumela.

Teuati: Sea te productivity o ika ikonei, e fia maina fakamolemole ite fetiuu tenaa.

Lotokufaki: Answering Questions

Maselusi: Tulaga te mutana o vaega ika ikonei I NUI, e mafua mai ite kau fai faiva??? Kae kafai e isi se sua pogai e mafua iei te mutana o ika, kaati e gali ma iloa ne te community.

Kufaki: Answer

Leneuoti: Ko isi se study a TFD kite aofaki o ika e mafai o fanau ne te ika. Tasi o pogai e foliki te fuainumela o ika ona me lasi te kai ne ika e lasi.

Kufaki: Answer

Paeniu: Objective 2

Leneuoti: Fakafesiliga, e mata e isi se mea faigaluega e detect neia a vaka kolaa e too mai kiloto ite 12NM.

Teuoo: E tau o fakaola ate paneava ikonei io me ikai, me ko taulasi nei te paneava ikonei NUI.

Sapakuka: Pela me isi se fakamolemole kooti ne fai kite TFD, ke mafai o fai te Milkfish pond ite fenua NUI. Kae pela loa nei me seki ai se mea kai fai kiei.

Taom: Mata e mafea e fakataunuuu iei te strategy 2.4

Leneuoti: Mata e mafai o aofia a pooti fibreglass ite aofaga tenei 2.4

Neli: Answer

Matapua: Objective 3

Types Traditional Fishing Methods: **KAEE`** (Laolao/Nao) Kapekape ika, **Tae Alili, Sisi Kalo, Keli kasi**

Sapakuka: Nui e mau ana tulafono mai kaupapa kite moana, te faiva kite sana e tapu kii loa. Sua faiva kote puke fonu e tapu, tili fakatamilo I akau iloto ite namo.

- **Tapu te sana**



- **Tapu te uku fonu mai tua o kautua**
- **Tatili fakatamilo I akau iloto ite namo**
- **Te tili mai lalo ote maikao 2**
- **Puke Fonu solo I Terikiai e tapu**

Leneuoti: Preserve pefea ne tatou faika mua me ko leva ne tiaki ne te Fenua, e faigataa te fakaaogaga o traditional fishing methods.

Kufaki: Answer

Teuoo: Me isi kiloga ate Ministry kite olo mao o pooti o sala a ika. Mua e olo pili o sala ika, kae ona ko tulaga o vaka tili konei ko faika iloto ite vasa o tatou.

Tili: Seai se fakatokaga lei kite solisoli ote 12NM ne vaka faika, e fia tili konei e ake kae fakamasei ne latou a kamu telaa e lasi te pokotiaaga kite Fenua. Seki ai nei se feedback ki tulaga o kamu ne toki iluga I NUI nei.

Taom: Seai se income lei e maua ne te Maloo o Tuvalu, kae e taua ke galue fakatasi ate Maloo mote Fenua ki tulaga ote pokotia o Fenua takitasi iloto I Tuvalu.

Aitopele: Poto mua faika, kafai e manako ke faka vitio a vaega faika mua, e tau o fakatoka fakalei a mea faika koi tuai o pei faka vitio.

Josh: E mata e isi ne lua fakatokaga mo vaka kolaa e too iloto ite 12NM.

Sione CFO: Answer

Leneuoti: E galue tasi ate Police Department mote TFD kite faituu tenaa. E faigofie ma isi se meafaigaluega penei telaa e detect neia vaka e too kiloto ite 12NM.

Leneuoti: Ke toe onoono kiei te fenua io me avaka ite fonotaga ate Fenua, maise tulafono kolaa e tau o faulu kiloto ite palani.

Maselusi: Tulafono me mata e e faulu katoa, maise tulafono kolaa e mafai o pono io me tala.

Sapakuka: Fesili me manako te TFD ki tulafono by-law mo tulafono faka Fenua.

Taom: Ko by-law ko se aogaa nei me kooti ne ofa. Kae seki fakatalia mai ite Maloo

Lene: E tatoo mai ite Fonopule (Kaupule) I aso mua me seki fakaoko ne latou kite Maloo.

Closing: MP

Closing Remarks: Uele Paape (Pule Fenua) & Taom Tanukale (Pule Kaupule)

NUI COMMUNITY AWARENESS MINUTES

9:39am: Vice president of the Kaupule with the opening remarks

9:40am: Tili with the opening prayers

9:41am: Maani with a brief introduction for programed for today.

9:43am: Filipo kick off with his presentation



9:47am Filipino open the floor for questions

Sapakuka : E fai mai tau presentation, me mafai te fenua tenei e maua o muu hahha

Filipo answered, and Paeniu add more

Sapakuka: Mafai o isi ne lipoti, ka fakailoa kite kaupule ke iloa koga nofo iei a limu (sargassum) ke fai se fakatokaga te fenua (Manakoga)

Uele (Pulefenua): Fakafesili kite matagaluega kite leva taimi e ola te limu tenei, ka isi ne iloiloiga io mene fesoassoani ki tua ki tino (specialist/experts) atu ke fakaseai seai se limu tenei.

Filipo answered, and Paeniu add more.

Leneuoti: Fakafesili me limu kona ne mafua loa I loto fenua io nene maua mai tua?

Filipo answered

Tili: Fakafesili, me toki loto te palani (FMP) ke mafai o puipui TE LIMU TENEI.

Kufaki: Answered, Paeniu and Maani also put some answer to the question

Sapakuka: Fakafesili me fai mai te team me isi ne lailaiga kona e mafai o ola te limu, fakafesili me koga kaiga konei I Nui, me isi se vai me tafee sale kite namo, me isi se mafuaga

Paeniu: Answered

10:15am: Kuti kick off with his presentation

Uele (Pulefenua) : Ke nono aka ki koga tapu (SPA) ki te lasi e mai lalo faka fenua meko te Matagaluega (TFD).

Maani: answered

Leneuoti: Fakalasila te conservation areas, kae nofo mai te kau R2R ke tai futiii te conservation areas

Leneuoti: fakafesili kite LMMA, kite 12nm. E nofo te malosi mote fenua kae te kiloga nei pela me seai se puipuiga.

Tau o isi ne mea faigaluega kite puipuiga o te 12nm ke iloa ne te fenua me ko iisi ne vaka ko faika te 12nm.

Aitopele: Ke maaka fakalei a kogatapu maise ite poo, ke isi ne moli, ke ka ke lavea koga tapu ite po (manakoga)

Maselusi: Fakafesiliga ke mafai toe kiloga te falakaupule koi tuai o avaka ke fakamaonia kae saina te Minista.

Maani: answered

10:44am: Paeniu kick off with his presentation

Sapakuka: Fesili, fia maina ki fakamailoga o ika, mese ika tagata mese ffine mai tua (seki kati te ika) ke iloa mese ika aa tagata me ffine.

Napetali: Fia maina ite external fertilize, me pefea?



Alapati: Fia maina kite fish farming kofea leiga mo ika kola e ola loa latou mo ika kola e tausi?

Done: 11:14am

11:15am: Maani with closing remarks from the team

11:18am: Pulefenua with a closing remarks and word of thanks

11:27am: Taom with a word of thanks.

5.6 Attendance

FISHERIES MANAGEMENT PLAN WORKSHOP ATTENTANCE LIST.

Date: 16/05/2023 Venue: 'Feagai Mote Ata'

#	IGOA	FAKAPOTOPOTOGA / Tulaga	Sainaga
1	Kutiolo. Kine	Toeaina	
2	Uusege. Pilitati	Tukumuna fenua	
3	Faianga. TELLATI	Ulu Alike Fenua	
4	Mautala. Faatiga	Tao Alike	
5	Taiofau - coasi	P/fenua / Sei folaute	
6	Labalo - Mautala	TAMANUKU	
7	FAKAPUKU. SIATI	TAKITEKI. TMNK	
8	TUSELA. VATAU	TGEAINA	
9	Nalana. Sakam.	✓	
10	Ulungafono Tojuga	✓	
11	Tagata. Mamoe	Tagata Faika.	
12	Ilian Solupaku.	Fafine	
13	Paepeae	Fafine	
14	W. G. O. J.		
15	Finau. Faleasiu.		
16	Tuleki. Tasea		
17	Vasa. Filia	Tamanuku	
18	Sulufini. Enabi	Fafine	
19	FITIAU. KIELI	TAKI TAKI TAMANUKU	
20	SOSE. TAVITA	TAMANUKU	
21	IEFUNE. TEFOTO	TOEAINA	
22	Puaakofa. Maafu	Tamanuku	
23	Lea. Fola	Tamanuku	
24	Lakena. Iefine.	✓	
25	Nukutasi. George	Tagata faika	
26	FILIA. KETI	Community Member	

#	IGOA	FAKAPOTOPOTOGA	Sainaga
27	Faiki Tere	COMMUNITY MEMBER	
28	Kiasi. Lapalaga	Tagata Fakaa	
29	Phonia. Tupe	Tagata Fakaa	
30	KELA. FAIGA	TAMATA FAKAA	
31	Selama Taha	Tamanuice	
32	Felet. Pelet	Tamanuice/Tagata Fakaa	
33	Mataceli. Tere	Falene Lau (C)	
34	Filipha. Neafuta	Tabua Nukun	
35	Sailasi. Viliama	TOAINA	
36	Vinivati. Taapouaga	Fafine	
37	Liese. Samuely	Fafine	
38	Pasi. Penani		
39	Lina. Kautapouaga		
40	Lita Foster		
41	ELTona		
42	TIMONA. Ahi		
43	Telaibo. Philip	CFC	
44	Foster M	Tagata Fakaa	
45	Leta Foster		
46	Tessio. Faiki	TOAINA	
47	MAI. KETO	TAMANUKU	
48	ALEE NIU	POLICE	
49	SAVER. T	TAKI TAKI Uluwala	
50	SAMUELU. NUSIPUTA	TOAINA	
51	KAUTAPOUAGA. TELOMI	TOAINA	
52	FAKAPOUAGA. ALEKE	TOAINA	
53	KIITI. LUUI	TAMANUKU	
54	KAINQA. MOKAO	KPL	
55	Temanc. Lupa	KPL	
56	Nimalota. Faioaga	KPL	
57	Penanan. Fafine		

#	IGOA	FAKAPOTOPOTOGA	Sainaga
58	Kaino. Jecemia	KPL	Kolemas
59	Abogali. Tupe	Fafine	
60	Teueta. M	KPL	
61	Amaga F	KPL	
62	TIPSA. T	KPL	
63	Makulete. Fetueli	Fafine	
64	SEWA. TEAKA	Tagata Fakaa	
65	Telagai F		
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NKFT COMMUNITY AWARENESS
FISHERIES MANAGEMENT PLAN WORKSHOP ATTENDANCE LIST.

Date:

#	IGOA	FAKAPOTOPOTOGA	Sainaga
1	Faiana Teuati	Ulyi Aliki	
2	UWASO. Piliwuf	TIMUNA	
3	Kurulo. KINE	TOGANA	
4	Mautala. FAKIGA	TAKIKI	
5	Tagi'osau. Louki	Pitana / sui Pilekaka	
6	TUDELH VATAU	TOHINA	
7	Uungafano Tojunga	Tino Fakka	
8	Tajusa. Mamos	Tino Fakka	
9	Easalo Mautala	TINO FAKKA	
10	Fikifika Hefuata	TANUKU	
11	Yalabok. K. Fik		
12	Faapae Amosa	Fafina	
13	Ingo. Vaava.		
14	Tukuf. Tuka		
15	FINAY FAFABILI.		
16	MAIAGAI. TEMESE.		
17	Hogai. Tupe.	Jahia	
18	FITLAI. KNEKI	TAKITAKI TAMANKIKO.	
19	Pana. Penam	fafine	
20	Line. Kautapane		
21	Len. Foto	Tamanuku	
22	Niese. Samuela.	fafine	
23	EASE. DANITA	TAMANKIKO	
24	Samuela. Numpapa.	TAMANKIKO	
25	Fakafale. Silioti	TAKITAKI TIMA.	
26	ANTONIO. TUPE	TAMANA FAKKA.	

#	IGOA	FAKAPOTOPOTOGA	Sainaga
27	Kireji	TAMANKIKO	
28	Lakera. Tefine		
29	FANAKI TEEAO		
30	Foster. Malua	TAGATA FAKKA	
31	SIMONA. ITOINA		
32	Nai. FOTO	TAGATA FAKKA	
33	KAINO. ILEMIN	KPL.	
34	Leta. Vataua.	EIFE	
35	Suitini. Tivali	Fafine	
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FAD CONSTRUCT/SEA SAFETY AWARENESS

WORKSHOP on Nukufetau

Date: 12/05/23

#	Name	Associations	Signature
1	SIMONA. A TOMA	FTF	[Signature]
2	PENAMA. SAUNI	✓	[Signature]
3	LATA. VATAU	✓	[Signature]
4	BIRIBO. TOFUA	✓	[Signature]
5	KAINO. ILELEMA	CFC	[Signature]
6	KALGA. MESAKO	KPL	[Signature]
7	NIAT. FEOT	TF	[Signature]
8	TEMANA. LUPU	KPL	[Signature]
9	MESU. FUMFANAK	FTFF	[Signature]
10	TOLONO. TUSEA	✓	[Signature]
11	SANEA. TOMA	✓	[Signature]
12	AGA. TEISIO	✓	[Signature]
13	KANESA FAIUPU	CFC	[Signature]
14	KANESA SAKOLEA	Training	[Signature]
15	TEMAN. LAVASAKU	FTF	[Signature]
16	ESTUATI. TAOI	✓	[Signature]
17	SIKIMTU. LIVA.	✓	[Signature]
18	MAKESI. LIPUA	FTFF	[Signature]
19	TUMAU	✓	[Signature]
20	FAIKU. TEISIO	FISHERMAN	[Signature]

#	Name	Associations	Signature
1	SATONA	TFE	[Signature]
2	KANESA. MESAKO	KPL	[Signature]
3	SALU. FAIUPU	FTFF KPL	[Signature]
4	LATA. VATAU	Tagata Faika	[Signature]
5	MAMALOTA. FAIUPU	KPL	[Signature]
6	KELA. FAIUPU	TAGATA FAIKA	[Signature]
7	HENRY. GEORGE	Tagata Faika	[Signature]
8	TEISIO	✓	[Signature]
9	FAIKU. S	✓	[Signature]
10	TOLONO T	✓	[Signature]
11	KAUTAPANE I	✓	[Signature]
12	Foster. M	✓	[Signature]
13	LOSLA. VAGA	✓	[Signature]
14	ESTUATI. TAOI	✓	[Signature]
15	KIUM. S	✓	[Signature]
16	BIRIBO T	✓	[Signature]
17	LAGIOMU. LONESI	P/ Faika / Si' filantusi /	[Signature]
18	SIKIMTU. LIVA.	TFE	[Signature]
19	MESU. FUMFANAK	FTFF	[Signature]
20	TEMANA. LUPU	TAGATA FAIKA	[Signature]
22	FAKAMPO. SUTUAI	KPL	[Signature]
23	FAMASINO. FAIKA	FAIKA ✓	[Signature]
24	ASEGA. TEISIO	Tagata faika	[Signature]
25	KANESA FAIUPU	KPL	[Signature]
26	SANEA T	T FAIKA	[Signature]
27	MUKATASI. S	T FAIKA	[Signature]
28	LOSLA. VAGA	T FAIKA	[Signature]
29	MAKESI. TEISIO	TAGATA FAIKA	[Signature]
30	MAMALOTA. FAIUPU	TAGATA FAIKA	[Signature]
31	NALANA. SAKU	FAIKA	[Signature]
32	TEMANA. LUPU	KPL	[Signature]
33	NIUOFU. FAIUPU	T FAIKA	[Signature]
34	KAINO. ILELEMA	KPL	[Signature]
35	KIUM. S	K FAIKA	[Signature]
36	TEMAN. LAVASAKU	FTF	[Signature]
37	TUMAU	✓	[Signature]
38	A. SAKU	FAIKA	[Signature]

7	Tanelua		
8	Lami A		Saomana
9	Falea - Falese		Makasa
10	Mosh. Ikaako	Asau	Miloo
11	TEAGI - S	-	Bhavetad
12	Samuel S	Famasino -	Samuel Sinio
13	LUKA - F	FAMASINO	Faleon
14	Fovae S	-	Sevialu
15	Tankia	Asau	Tuna
16	MANUI - P	KPL	
17	Toani T	Talavou	Tupa
18	Maiou Sulu	KPL	M Sulu
19	Kilo T	CFL	Kankai
20	Paki T	TALAVOU	Degei
21	Foua S	LINA MALOU	Sevialu
22	Solo Tikiti	KPL	Sevialu
23	PAETA - MOTI	TALAVOU	Sevialu
24	Isako T	Lina Malou	Sevialu
25	Siva - Draso	Kaupule (Amipule)	S Draso
26	Ahu P	KPL	Ahu
27	Thaco P	-	Thaco
28	Failoa	CFL	Failoa
29	Letia K - Tuetia	KPL	Letia
30	Niti	CFL	Niti
31	Letimale X	-	Letimale
32	Kalea	Pule Kaupule	Kalea
33	Fuola S	ASAU	Fuola
34	Siutele	Asau	Siutele
35	Lamai F	Fafine Tunasau	Wafine
36	Loion M	Fafine Tunasau	Lama
37	Seta M	-	S Mase
38	Kamala	Tunasau	K
39	Moula	-	M
40	Fu laimela	Fafine Tunasau	Fafine
41	Alana Joga	Fafine Asau	Alana
42	Koalua Kapue	Fafine Asau	Koalua
43	Kooseta Foleke	Fafine Asau	Ko
44	Suala Aseseala	Asau Fafine	SKili
45	Ariava	KPL Members	DE
46	Lem	Asau	Lantaha
47	Tento Tama	Talavou	TRapuan
48	Sedonima	Fafine Talavou	Sedonima
49	Pepetua	Fafine Asau	Pepetua
50	Palo	ITIC	P

51	Lena	Asau	Lena
52	Toe - fauta	F / TUNASAU	IK
53	Baukon T - Seleso	F TUNASAU	IS
54	Faumeana Eson	F TUNASAU	IS
55	Ketasi Fomolaga	K / Member	Sevialu
56	Tufaina Lavalo S	K / Tunasau	Dunon
57	Seso S	F / Kaupule	Sesote
58	Maloko	-	M
59	Talotei	CFL	Talotei
60	Uea	CFL	Uea
61	Makale	CFL	Makale
62	Matalafa	Fafine Tunasau	Matalafa
63	Kaupule - Tanelua	F / KAUPULE	KA
64	Alama T	CFL	Alama
65	Isilima	CFL	Isilima
66	Clive T	CFL	Clive
67	Teti	Asau	Teti
68	Saupete Vaenax	TUNASAU	Saupete
69	Iolamo S	Police	Iolamo
70	Stanley NEW	ASAU FAFINE	Stanley
71	Siona F Seleso	-	Siona
72	Soloma S Laleli	KPL	Soloma
73	Maloku Lalou	KPL	Maloku
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Grab bag inspection attendance list / Review of FAD Mace

Igoa	Tausaga	Po te masina	Ituala	Sainaaga
KITEKI.Y	42	23/05/23	TUMASEU	Maenaga
TAKATAKA.O	60	✓	ASAU	Quorai
Takapau	43	✓	CFC	JKgate
Kilii.T	51	-	CFC	Ma
Talai O	23	-	CFC	Tama
Intana.T	29	-	Tumaseu	L.Tiom
FALLOGA.L	28	CFC	CFC	Ma
Nuti	27	✓	Tumaseu	Ma
USA	20	-	ASAU	Ma
Katakae	27	-	CFC	Ma
QIVE	27	-	CFC	Ma
Utumalo K	47	CFC	CFC	Ma
MADUI.12	59	-	TUMASEU	Ma
SASENE FILE	42	✓	Tumaseu	Ma
Alanc.S	29	✓	CFC	Ma
Felipo	30	✓	Coastal Fisheries	Ma
Katola	52	✓	CFC	Ma
Kaletoga.S	58	ASTU	"	Kama
TOKA.B	39	✓	ASAU	Bevan
PAPA.S	63	"	"	Bevan

VAITUPU COMMUNITY AWARENESS

Date: 24/05/23

#	Name / Igoa	Associations / vasega	Signature
1	Foma S Kulene	Takitaki Smda	Kulene
2	Mose Takau	Tumaseu	Takau
3	Luka Falefou	"	Falefou
4	Yan Savali	"	Savali
5	PENI UALESI	ASTU	Peni
6	Tuu Taumofa	Tumaseu	Tuu
7	Uluai Fale	Fafine	Fale
8	Ravi Shapiro	"	Shapiro
9	Joshua Thurst	"	Thurst
10	Ignace Thute	"	Thute
11	Elu. Marki	"	Marki
12	Joseph Lupo	"	Lupo
13	ALANIDA A.	"	Alanida
14	L.Emma T	"	Emma
15	Grecks Vili	"	Vili
16	Adarata D	ASAU	Adarata
17	Sietal Mose	"	Mose
18	Sing. Itusso	"	Itusso
19	Makuku Sali	"	Sali
20	Sas Sautahu	"	Sautahu
21	John Gie K.	Fishermen's	Gie
22	Tamara Tamara	fale	Tamara
23	Mateo P.	Tumaseu	Mateo
24	Leah P	ASAU	Leah
25	LETA KAVILE	KPL	Kavile
26	Sing. Kalatoga	Fafine ASAU	Kalatoga
27	Gigolo File	KPL	File
28	Fuli P	KPL	Fuli
29	Talai Omt	KPL	Omt
30	Nitz Tevoki	CFC KPL	Tevoki
31			
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Date: 01/06/2023

COMMUNITY AWARENESS ATTENDANCE LIST

Venue: Manatua Hall

#	Name / Igoa	Associations / vasega	Signature
1	LENEUOTI AIAATAS	Isolaka / Isola	[Signature]
2	TAIMAN PETIMIN	Kaupule	[Signature]
3	VELE VAPE	Falikaupule	[Signature]
4	TEMPO NEMOI	KPL	[Signature]
5	Victorpe JEPANA	Falikaupule	[Signature]
6	TILI-K. TACAI	KPL	[Signature]
7	ALAPATI-TEKINENE	Falikaupule	[Signature]
8	TOUAI-MOTOMOTO	KPL	[Signature]
9	Masolusi. BACHAN	Falikaupule	[Signature]
10	KALEPO, METAIIO	KPL	[Signature]
11	TOELE NEINEI	FKPI	[Signature]
12	Carlton ANELU	IKAUFAIAT	[Signature]
13	Jepana. TELIPO	"	[Signature]
14	Sapakuta. KAPU	Falikaupule	[Signature]
15	Nepetali	Falikaupule	[Signature]
16	TAKI: L	Fisherman	[Signature]
17	APPA	F/K	[Signature]
18	TERFOI. MAKATUI	Fisheries	[Signature]
19	LYATOKA PELETI	Fisherman	[Signature]
20	MATUA. IGAFI	Fisherman Assoc (IU) Iro koma Idoi	[Signature]
21	VITAKA KAUSAGA	Gala Kaupule	[Signature]
22	Nela. TEVESI	Matapulapula	[Signature]
23	Melesien. ALOFA	✓	[Signature]
24	Faasala. SOSENE	✓	[Signature]
25	Mau. UELE	✓	[Signature]
26	Fiona. TEKAPU	✓	[Signature]
27	Naima. TAGILING	✓	[Signature]
28	Geako. NAVE	✓	[Signature]
29	Viola. MAAKUSI	-	[Signature]
30	Sala. LAUSSEA	✓	[Signature]
31	VINEPA. KAUSAGA	✓	[Signature]
32	Kaolimita. BOHE	✓	[Signature]
33	Selaine	-	[Signature]
34	Faifantasi	-	[Signature]
35	OPETA. S	TAGATA FAIKA	[Signature]
36	Jafda P	Kaupule	[Signature]
37	Jepana. Sui	IKAUFAIAT	[Signature]
38	Olupu. A	MAZOSIGA	[Signature]
39	PAPUA. U.	KAUPULE	[Signature]
40	TADM T	KAUPULE	[Signature]
41	PINA. T	Matapulapula	[Signature]
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1	Leneutafi	Falekaupule.	...
	Aihopele	KPL	...
	Uele	F/KPL	...
	Teuo		...
	Sapakua	F/Kaupule.	...
	Orifesi		...
	Lepana	F/Kaupule	...
	Uati		...
	Tili	F/KAUPULE	...
	Taom	KPL	...
	Tarman	KPL	...
2	Maselasi		...
3	Alapati		...
4	Airin	KPL	...
5	Taeli	KPL	...
6	Papua		...
7	Malua	Tagata fakā	...
8	Laupana	✓	...
9	Napofali		...
20	Laatoka		...
21	Losi	ILT	...
22	Tema	ILT	...
23	Otopu	Kaupule	...
24	Lafeta	Kaupule	...
25	Ankesi	Malosiga	...
26	Pepi	Kaupule	...
27	Ofofa	Kaupule	...
28	Kotema	KPL	...
29	Laupana	Malosiga	...

	Maiti	Matapulepule.	...
	Eake	Falekaupule	...
	Lekai		...
	Tooke	147	...
	Teulida	Malosiga	...
	Kaofitike		...
	Korumatualu.	Malosiga	...

SEA SAFETY AWARENESS

Date:

Nui Fishermen Associations.

#	Name	Age	Signature
1	Tealava - Ulika	81	[Signature]
2	Tauo - Neinei	63	[Signature]
3	Opeta - Sokiatx	74	[Signature]
4	Carlton - Anelu	58	[Signature]
5	Leupena - Peneulo	49	[Signature]
6	Joch	24	[Signature]
7	Ferdoi	47	[Signature]
8	Tepaa - Tui	55	[Signature]
9	Papua	49	[Signature]
10	Lemuli - Kasiu	38	[Signature]
11	Iafeta - Puafuti	54	[Signature]
12	Adalasi - Kaosi	32	[Signature]
13	Ofeta - Mepaio	48	[Signature]
14	Pehsio	32	[Signature]
15	Lauapama	26	[Signature]
16	Malua	64	[Signature]
17	Iocia	30 30	[Signature]
18	Taom	62	[Signature]
19	Apepi	61	[Signature]
20	Tokee	67	[Signature]
21	Toaaisi	63	[Signature]
22	Maselusi	56	[Signature]