



NATIONAL MALARIA CONTROL PROGRAM  
ROTARIANS AGAINST MALARIA  
QUARTER ONE FIELD TRIP REPORT  
NEW IRELAND PROVINCE  
MARCH 2024



**Report by: Erica Nawara**

**Malaria Coordinator**

**Rotarians Against Malaria**

**National Malaria Control Program**

**DATE:** 04-23.03.24

**Total Nights in the Field:** 18nights

**NIPHA Malaria Team:**

1. Mr. Thomas Kapu Homebased management of Malaria Coordinator
2. Mr. Brendan Baltaku- Malaria Admin Officer
3. Miss. Stella Lagar- Malaria Data Entry Clerk
4. Mr. Bethlyn Bekes- Malaria Program Driver
5. Joe Kiliahae – Kavieng Hospital MLT
6. Simon Kanguman -Storeman Medical Transit Store

**People Met with in the Province:**

1. Ms. Maria Sabok -Provincial Disease Control Officer
2. Ms. Betty Tameluk- District Health Manager Kavieng.
3. Mr. Edward Maika- District Health Manager Namatanai District.
4. Mr. Thomas Kapu Homebased management of Malaria Coordinator
5. Mr. Brendan Baltaku- Malaria Admin Officer
6. Miss. Stella Lagar- Malaria Data Entry Clerk
7. Mr. Joe Kiliahae -NIPHA MLT
8. Mr. Simon Kanguman -Storeman Medical Transit Store

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**OBJECTIVE**

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This was the first trip of 2024, to visit all accessible health centres (HC) in New Ireland Province (NIP), and ensure that healthcare givers in these facilities are correctly diagnosing and treating malaria cases as per National Malaria Treatment Protocol. This trip was also to ensure that there is adequate supply of Malaria Rapid Diagnostic Test (RDT) kits, Artemisinin-based Combination Therapy (ACT)s and other malaria commodities including Antenatal Care (ANC) nets in all health facilities based on consumption rates and as per their monthly Malaria Register reports and National Health Information System (NHIS) reports.

**This trip was also to address Malaria Data Reporting issues and reduce missing data gaps in the health facilities (HFs), while also trying to identify the causes of the increase in Malaria Cases in the province. A CQI Training was also scheduled to be conducted during this visit.**

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**BRIEF BACKGROUND**

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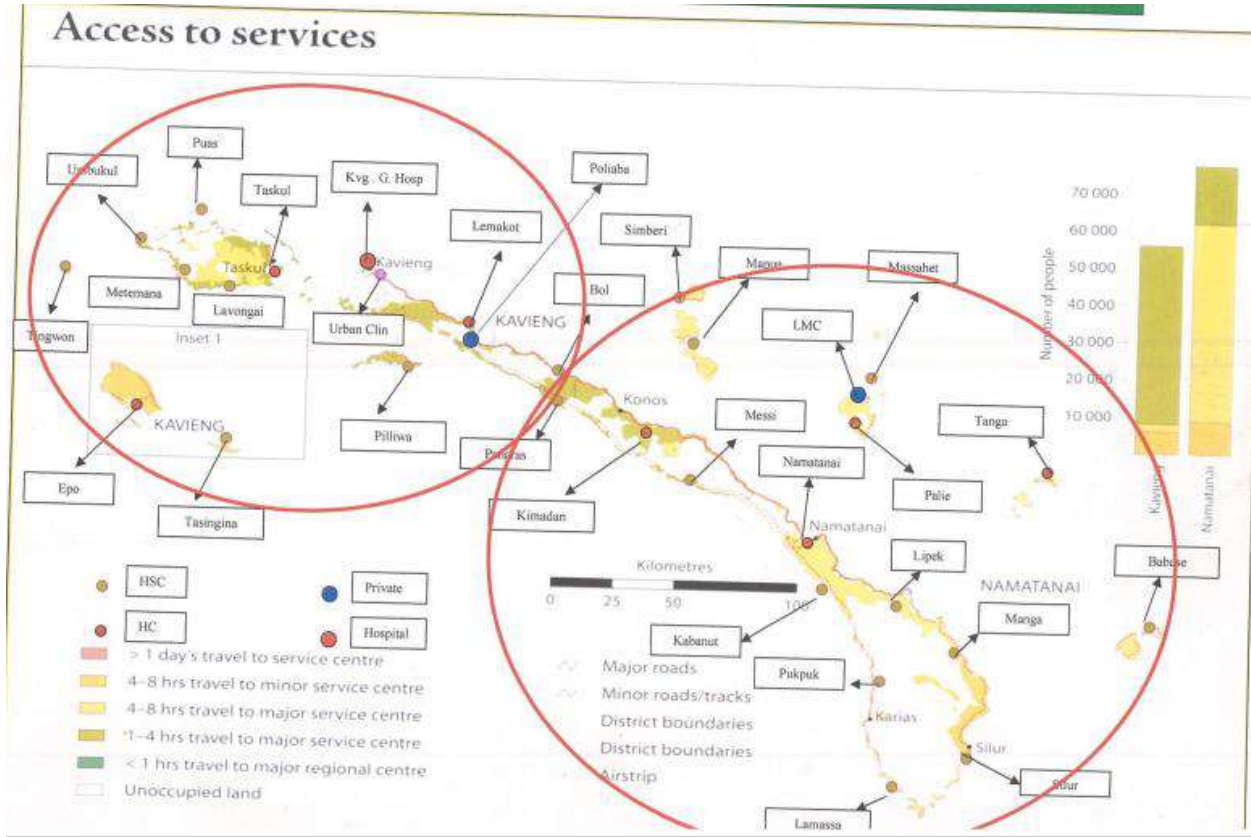
New Ireland Province is a long thin Island lying between one and five degrees south of the equator in a north westerly direction. It is New Ireland or Niu Ailan in pidgin. A spine of mountains falls straight to the season west but leaves a narrow fertile coastal strip on the east. There is a population of 87,000

most of who live in the south of the Island. New Ireland Province is one of the province located in the New Guinea Islands Region of Papua New Guinea. It is about 9557 square kilometers in size and 1400m above sea level. The province has 2 districts (Kavieng and Namatanai) and 10 LLGs, 4 LLGs (Morat, Lavongai, Kavieng Urban and Tikana) in Kavieng District and 6 LLGs (Tanir, Nimamar, Namatanai, Konovagil, Matalai and Central) in Namatanai District. There are a total of 33 Health facilities in the Province, all 33 HF are functioning and there are 86 Aid Posts that caters for all the Islands population, 15 of the health facilities are accessible by road and 19 by boat. Total of 11 Health Facilities are Church run, 7 under Catholic Health Services and 4 under United Church Health Services. There are 3 Private Company Clinics and the rest of the 19 Health Facilities are all Government run.

**Figure 1.1** This is the map of New Ireland Province.



**Fig: 1.2** Below is the picture showing Health facilities in New Ireland Province.



**SUMMARY OF QUARTER ONE VISIT**

**Table 1:** Shows the Summary of what has been done in Q1 Malaria Visit in NIP

Days	Dates	Activities done
Monday	04.03.23	Travel to Kavieng from POM
Tuesday	05.03.24	1. Debrief with Malaria Team
Wednesday	06.03.24	1. Went to Transit Store to confirm the Drugs 2. Did entry for ANC net delivery.

<b>Thursday</b>	07.03.24	Visited Kavieng Hospital, Kavieng Urban Clinic, Lemakot HC and Poliamba U/C
<b>Friday</b>	08.03.24	1. Load Drugs from Transit Store Kavieng and travel to Namatanai for Malaria Visit and Drug distribution. Arrived in Namatanai and Travel all the way to Lipek. Visited Lipek HC and spend a night at Tinkoris Clinic.
<b>Saturday</b>	09.04.24	1. Travel to Manga from Tinkoris Clinic, visited Manga HC. Travel to Kabanut visited Kabanut HC. Visited Kimadan and Bol HC on the way back to Kavieng Town.
<b>Monday</b>	11.04.24	Travel to New Hanover group of Islands. Visited Taskul HC, Lavongai HC, Metemana HC and Umbukul HC. Spend a night at Umbukul HC.
<b>Tuesday</b>	12.04.24	Travel to Tingwon Island, visited Tingwon HC. The Team could not make it to Puas HC because of strong winds and rough seas, so we travel all the way back to Kavieng.
<b>Wednesday</b>	13.04.24	Conduct malaria CQI training at Lemakot School of Nursing.
<b>Thursday</b>	14.04.24	Health facility visit to Panaras and Messi HC
<b>Friday</b>	15.03.24	Health Facility visit to Namatanai District Hospital. Arranged logistics for the CQI Training.
<b>Monday</b>	18.03.24	Load drugs for Tanga HC, Babase HC and Pukpuk HC. Travel to Namatanai and signed off drugs with Namatanai District Hospital Pharmacist. These drugs were left there for pickup. Spend a night in Namatanai.

<b>Tuesday</b>	19.03.24	Conduct Malaria CQI training for Namatanai District Hospital Staffs. 28 participants attended the training including 3 Community Malaria Volunteers who were happened to be at right place at the right time.
<b>Wednesday</b>	20.03.24	Work on Malaria CQI training Report
<b>Thursday</b>	21.03.24	Did stock count on the buffer stock of Antimalarial and signed off GDNs for the HF's drug supplies that were left at the Transit Medical Store for pick up.
<b>Friday</b>	22.03.24	1. Visited Lamusmus CHP. 2. Debrief with the Malaria Team at PHA.
<b>Saturday</b>	23.03.24	Travel back to POM from Kavieng

### **Summary**

In Q1 of 2024 the team managed to physically visit 18 HFs out of the 33 HFs in the Province. Most Health Facilities were not physically visited in Q1 2024 because of the current rainy weather situation in the Province. Majority of our Health Facilities in the Province are sea accessible and the planning of the visit depends entirely on the weather. However, most facilities not physically visited have collected their drug supplies when they were in Kavieng and we only have 5 health facilities yet to collect their drug supplies at the Transit Medical Store in Kavieng for the Kavieng district Health Facilities and Namatanai district hospital pharmacy for the Namatanai District Facilities. There are no Stock outs of RDTs and ACTs in the Province. Primaquine will now be ordered directly by the Health Facilities from AMS Kokopo, this information was shared with the Provincial Pharmacist. Stock Management at the HF level is improving slowly which is good for the program. Updated Malaria Treatment Protocol has been practised in all the Health Facilities. There is an improvement with Malaria Clinical Diagnosis in most HFs as well as an improvement seen in the timeliness of monthly report submission. A total of 1,950 Antenatal nets were distributed in the few days of Q4 2023 and Q1 of 2024. Malaria Program vehicle was used for the drug distribution as well as a 5days hire vehicle support from the PHA. There a 2 Malaria CQI trainings done in this quarter, 1 for Namatanai District Hospital Staffs and the other 1 is done at Lemakot School of Nursing for Teachers and Students. NIPHA malaria program has a newly recruited Driver, Data Entry Clerk and an Admin Officer which is a very big achievement for the Program and a major thanks to NIPHA Management for the great support.

### ***Kavieng District***

For Kavieng District it took 5 days in this quarter to visit all 11 Health Facilities. All HFs in KAVIENG DISTRICT have been supplied with their 1st quarter supplies of Malaria commodities. 11/15 HFs were physically visited and supplies delivered at the HFs while 1 HF (Tasingina) collected their supplies when in Kavieng and only 3HF (Puas, Piliwa and Epo/palakau) supply was held in trust at Medical Transit Store to be collected. Piliwa was temporary close that is why it is not physically visited. They will collect their supplies from TMS Kavieng once they are reopened.

### **Namatanai District**

For Namatanai District it took 5 days in this quarter to visit all 7 Health Facilities. All HFs in NAMATANAI DISTRICT have been supplied with their fourth quarter supplies of Malaria commodities. 7/18 HFs were physically visited and supplies were delivered at the HFs except for Lihir Medical Centre because they have sufficient stock, while 2 HFs (Lamassa HSC and Silur HC) collected their supplies when in Kavieng. Supplies for 2 HFs (Palie HC and Massahet HC) on Lihir Island were collected by the SIC for Palie HC. Supplies for the 2 HFs (Simberi Mine Clinic and Maragon HC) on Tabar Island were consigned on PNG Air which is fully supported by St Barbara Mine. Supplies for 3 HFs (Tanga HC, Babase HC and Pukpuk HC) were left at Namatanai District Hospital Pharmacy for pickup. Most of the HFs in Namatanai district are sea accessible and they are not physically visited in this quarter because of continuous rain and strong winds in the Province.

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### **COVERAGE RATE**

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**Table 2:** Below indicates summary of the visit and mode of distribution used.

18	HFs which were physically visited and distributed
3	HFs not physically visited but commodities were picked up at PHO by Health Staffs
11	HFs not visited but commodities are left at the Transit Medical store for PMS to do the distribution.
1	HFs Closed
24	Total Accessible HFs
9	Total Inaccessible HFs
32	Total HFs open
0	Air Drop off HF supplies
75.0%	Coverage Percentage of Accessible HFs Visited
54.5%	Coverage Percentage of Total HFs

### HEALTH FACILITY VISITED

**Table 3.** Distribution of the Health Facilities in the province, their accessibility and the date of visits in quarter 1 2024.

Dis trict	No.	Health Facility	HF Type	Agency	Accessibility	Accessibility Status	DISTANCE FROM PHO (IN HRS)	Date of Visit
Kavieng	1.	Bol	SC	Government	Road	Accessible	1 hour 30 min	09.03.24
	2.	Kavieng	Hosp	Government	Road	Accessible	Base	07.03.24
	3.	Kavieng	UC	Government	Road	Accessible	Base	07.03.24
	4.	Lavongai	HC	Catholic Health	Sea	Accessible	2 hours	11.03.24
	5.	Lemakot	HC	Catholic Health	Road	Accessible	45 min	07.03.24
	6.	Metemana	SC	Government	Sea	Accessible	1 hour	11.03.24
	7.	Epo/Palakau	HC	Government	Sea	Inaccessible	6 hours	Not Visited
	8.	Puas	SC	Catholic Health	Sea	Accessible	5 hours	Not visited
	9.	Tasingina	SC	Government	Sea	Inaccessible	1 hour 30 min	Not visited
	10.	Taskul	HC	Government	Sea	Accessible	5 hours	11.03.24
	11.	Lamusmus	CHP	Government	Road	Accessible	1 hour 30 min	22.03.24
	12.	Tingwon	SC	Government	Sea	Inaccessible	6-7 hours	12.03.24
	13.	Umbukul	SC	Government	Sea	Accessible	3 hours	11.03.24
	14.	Piliwa	SC	United Church	Sea	Accessible	1 hour 30 min road/ 15 min by boat	Temporally closed

	15.	Poliamba	UC	Company	Road	Accessible	30 min	07.03.24
Namatanai	16.	Babase	SC	Government	Sea	Inaccessible	4-5 hours	Not visited
	17.	Kabanut	SC	United Church	Road	Accessible	2hours	09.03.24
	18.	Kimadan	HC	United Church	Road	Accessible	2 hours	09.03.24
	19.	Lamassa	SC	Government	Road	Inaccessible	5-6 hours	Not visited
	20.	Lipek	SC	Government	Road	Accessible	2hours	08.03.24
	21.	Manga	SC	Catholic Health	Road	Inaccessible	6hours	09.03.24
	22.	Mapua	SC	Catholic Health	Sea	Inaccessible	4hours	Not visited
	23.	Massahet	SC	Government	Sea	Inaccessible	4-5 hours	Not visited
	24.	Messi	SC	United Church	Road	Accessible	3 hours	14.03.24
	25.	Namatanai	HC	Government	Road	Accessible	4 hours	15.03.24
	26.	Palie	HC	Catholic Health	Sea/Road	Accessible	2-3 hours	Not visited
	27.	Panaras	SC	Government	Road	Accessible	3 hours	14.03.24
	28.	Pukpuk	SC	Government	Road	Inaccessible	4-5 hours	Not visited
	29.	Silur	SC	Government	Road	Inaccessible	4-5hours	Not visited
	30.	Simberi	SC	Government	Sea	Inaccessible	5 hours	Not visited
	31.	Tanga		Catholic Health	Sea	Inaccessible	4 hours	Not visited
	32.	Lihir Medical Centre	Clinic	Company	Sea/Air	Inaccessible	4 hours	Not visited
	33.	Simberi Mining Clinic	UC	Company	Sea	Inaccessible	4 hours	Not visited

A total of 18 Health Facilities out of the 33 Health facilities were physically visited in quarter 1 2024.

**PLAN FOR HARD TO REACH HEALTH FACILITIES**

**Table 4:** Shows plan for hard to reach Health Facilities in Q1 2024

No.	Health Facility	How drugs will be distributed	Reasons for not visiting the Health Facility physically
1.	<b>Epo/Palakau</b>	Drugs left at TMS Kavieng for Pickup	<ol style="list-style-type: none"> <li>1. Inaccessible Island Facility</li> <li>2. Continuous Rain and Strong winds</li> </ol>
2.	<b>Puas</b>	Drugs left at TMS Kavieng for pickup	Island Facility not visited because of Continuous Rain and Strong winds
3	<b>Piliwa HC</b>	Drugs left at TMS Kavieng for pickup	Temporarily closed
4	<b>Simberi Mine Clinic</b>	St Barbara Mining Team on Simberi Island assisted with the Consignment of drugs on PNG Air	Island Facility not visited because of continuous rain and strong winds
5	<b>Simberi Maragon HC</b>	St Barbara Mining Team on Simberi Island assisted with the Consignment of drugs on PNG Air	Island Facility not visited because of continuous rain and strong winds
7	<b>Lihir Medical Centre</b>	They have sufficient Stock so their Q1 drug supplies were not given	Island Facility not visited because of continuous rain and strong winds
8	<b>Palie HC</b>	Drugs collected by SIC	Island Facility not visited because of continuous rain and strong winds
9	<b>Massahet HC</b>	Drugs collected by Palie HC SIC	Island Facility not visited because of continuous rain and strong winds
10	<b>Tanga HC</b>	Drugs left at Namatanai Hospital Pharmacy for pickup	Island Facility not visited because of continuous rain and strong winds
11	<b>Babase HC</b>	Drugs left at Namatanai Hospital Pharmacy for pickup	Island Facility not visited because of continuous rain and strong winds

12	<b>Pukpuk HC</b>	Drugs left at Namatanai Hospital Pharmacy for pickup	Facility not visited because of continuous rain and strong winds and bad road condition
14	<b>Lamassa HC</b>	Drugs picked up by SIC	Facility not visited because of continuous rain and Strong winds and bad road condition
15	<b>Silur HC</b>	Drugs picked up by SIC	Facility not visited because of continuous rain and strong winds and bad road condition
16	<b>Mapua HC</b>	Drugs send on the Dingy at Konos	Island Facility not visited because of continuous rain and strong winds.

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### **STOCK MANAGEMENT**

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Overall in the Province there's slow improvement due to continuous Health Facility visit and emphasizes. Stock Cards are kept well and updated for most HFs, only few Health Facilities needs more improvement. Generally, there is **NO STOCK OUTS** of Malaria Commodities especially RDTs, ACTs and Primaquine in all the Health Facilities in New Ireland Province in the 1<sup>st</sup> quarter of 2024. According to the stock out situation on the EHNIS it shows that there are NO STOCK OUTs which is true.

***Table 5:** Shows Stock card management and stock out situation for the 18 Health facilities that were physically visited in Q1 2024.*

<b>Health Facility</b>	<b>Stock Card Management</b>	<b>Stock Out Situation</b>
Kavieng Hospital	Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they were found to have few supplies available. All their 2024 Q1 supplies were given during the visit.
Kavieng Urban Clinic	They have stock Cards and it is only updated by the person responsible, but when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they were given few stocks from the buffer stock before the actual Q1 distribution. All their Q1 2024 supplies were given during the visit.
Bol HSC	Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they were given few stocks from the buffer stock before the actual distribution. All their Q1 2024 supplies were given during the visit.

Lemakot HC	Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they were given few stocks from the buffer stock before the actual Q1 distribution. All their Q1 2024 supplies were given during the visit.
Taskul HC	They have stock Cards and it is only updated by the person responsible, but when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they were given few stocks from the buffer stock before the actual Q1 distribution. All their Q1 2024 supplies were given during the visit.
Lavongai HC	They have stock Cards and it is only updated by the person responsible, but when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they were given few stocks from the buffer stock before the actual distribution. All their Q1 2024 supplies were given during the visit.
Metemana HSC	Stock cards are well kept and its always updated.	<b>1 week Stock out of ACTs</b> , All their Q1 2024 supplies were given during the visit
Umbukul HSC	Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they were given few stocks from the buffer stock before the actual distribution. All their Q1 2024 supplies were given during the visit.
Tingwon HSC	They have stock cards but it is not updated.	<b>NO STOCK OUTS</b> , All their Q1 2024 supplies were given during the visit
Panaras HC	They have stock Cards and it is only updated by the person responsible, but when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , All their Q1 2024 supplies were given during the visit
Messi HC	They have stock Cards and it is only updated by the person responsible, but when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , All their Q1 2024 supplies were given during the visit
Lipek HC	Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , All their Q1 2024 supplies were given during the visit
Manga HC	They have stock Cards and it is only updated by the person responsible, but when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they have sufficient ACTs from Q4 2023 distribution as well as they received few stocks from their AMS order.

		Only RDT was given during the visit because they have sufficient stock of ACTs.
Kabanut HC	Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , All their Q1 2024 supplies were given during the visit.
Kimadan HC	Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they were given few stocks from the buffer stock before the actual distribution. All their Q1 2024 supplies were given during the visit.
Lamusmus CHP	Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , All their Q1 2024 supplies were given during the visit.
Poliamba U/C	Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they were given few stocks form the buffer stock before the actual distribution. All their Q1 2024 supplies were given during the visit.
Namatanai District Hospital	Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , All their Q1 2024 supplies were given during the visit.

### Accountability of Malaria Drugs

Accountability of Malaria Drugs is still an ongoing issue in the Province. This issue was continuously mentioned during all the quarterly visit. There is slow improvement on this issue.

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### *DRUG DISTRIBUTION*

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**Table 6:** Shows total number of Malaria Commodities distributed in Q1 2024 and few days of Q4 2023

Item	Total Distributed in Q1 2024
RDT	3636 boxes of 25 cassettes

ACT 6	162 boxes of 30 blisters
ACT 12	316 boxes of 30 blisters
ACT 18	217boxes of 30 blisters
ACT 24	453 boxes of 30 blisters
Primaquine 7.5mg	20 containers of 1000 tablets
Primaquine 13.2mg	17 containers of 100 tablets

**Table 7:** Shows the current buffer stock of Malaria Commodities at the Provincial Medical Store after 2024 Q1 Distribution

<b>RDT</b>	<b>ACT 6</b>	<b>ACT 12</b>	<b>ACT 18</b>	<b>ACT 24</b>	<b>Primaquine</b>	<b>Antenatal Nets</b>
1563 boxes of 25 cassettes	18 boxes of 30 blisters	91 boxes of 30 blisters	22 boxes of 30 blisters	321 boxes 30 of blisters	0	37 bales (1,850 nets)

## ANTENATAL MOSQUITO NETS DISTRIBUTION

**Table 8:** Shows Antenatal Mosquito Net stock sheet

ROTARIANS AGAINST MALARIA

PROVINCE: NEW IRELAND

LOCATION OF CONTAINER: Provincial Health Authority

OFFICER INCHARGE: Erica Nawara (RMC)

DATE	DELIVERY TO HEALTH CENTRE	PERSON RECEIVING GOODS	OFFICER SUPPLYING NETS	DOCUMENTATION NO.	STOCK IN	STOCK OUT	BALANCE
03.11.23	ANTENATAL LLINs STOCK BROUGHT FORWARD FROM 2024				3800		3800
09.11.23	Kimadan HC	Johnson Seth	Thomas Kapu	39817		50	3750
09.11.23	Manga HC	Agustina Topit	Thomas Kapu	39818		50	3700
09.11.23	Lipek HC	Rachael Wilson	Thomas Kapu	39819		50	3650
27.02.24	Kavieng Urban Clinic	Collen sege	Thomas Kapu	39820		100	3550
10.11.23	Kabanut HC	Ancilla Lopu	Thomas Kapu	39823		100	3450
07.02.24	Kavieng Urban Clinic	Collen Zerika	Thomas Kapu	39827		100	3350
19.07.23	Kavieng Urban Clinic	Relinda Waisale	Thomas Kapu	45404		50	3300
10.11.23	Palie HC	Gorethie Kaven	Erica Nawara	39824		50	3250
10.11.23	Masahet HC	Gorethie Kaven	Erica Nawara	29828		50	3200
07.03.24	KUC	Collen Zerika	Erica Nawara	39825		200	3000
08.03.24	Tinkoris Clinic	Sr Weuta	Erica Nawara	39814		50	2950
09.03.24	Manga HC	Sr Lemvaitas	Erica Nawara	39826		50	2900
11.03.24	Taskul HC	Abel Edwards	Erica Nawara	39829		50	2850
11.03.24	Lavongai HC	Francis Melis	Erica Nawara	39830		50	2800
11.03.24	Metemana HC	Pauline Richard	Erica Nawara	39831		50	2750
11.03.24	Umbukul HC	Batsheba Tindon	Erica Nawara	39832		50	2700
12.03.24	Lamusmus CHP	Sr Maira	Maristella Lagar	45402		100	2600
12.03.24	Bol HC	Sr Clemensia	Maristella Lagar	45405		100	2500
14.03.24	Lemakot HC	James Maxading	Erica Nawara	39833		200	2300
14.03.24	Kimadan HC	Dorothy Pakolai	Erica Nawara	39834		150	2150
15.03.24	Namatanaí RH	Elsie Tamekare	Erica Nawara	39835		200	1950
21.03.24	Palie HC	Junias Lapan	Erica Nawara	39836		100	1850
							<b>1850</b>
							<b>37 bales</b>

A total of **1,950** nets were distributed in the remaining days of Q4 2023 and Q1 2024 according to the stock sheet above.

### Accountability of ANC Mosquito Nets

There is slow improvement in the accountability of ANC nets. Most receipts are checked and collected during the visit. So in this quarter all health facilities visited were advised to send in their ANC receipts with their monthly report reports.

## MALARIA REPORT

**Table 9: Shows NIP malaria Report January to February 2024 (source ENHIS)**

**New Ireland Province**

**MALARIA REPORT January to February 2024**

Date Printed: 21/03/2024 11:25:41

Code	Facility	No of reports	OUTPATIENT		INPATIENT		DEATHS		Slides Examined			RDT Examinations			
			Clinical	RDT	Clinical	RDT	Clinical	RDT	No. Exam	+ve %	+ve % falcip	No. Exam	+ve %	+ve % falcip	Failed
170102	Kavieng Hospital	1	0	375	0	4	0	0	0	0	0	1256	27.5	20.3	0.4
170103	Kavieng UC	1	0	480	0	0	0	0	0	0	0	545	95.0	62.0	0.4
170104	Lavongai HC	2	4	628	0	4	0	0	0	0	0	988	63.6	55.3	0
170105	Lemakot HC	2	0	382	0	0	0	0	51	74.5	47.1	1417	38.0	25.2	0.4
170106	Metemana SC	2	0	383	0	1	0	0	0	0	0	881	43.5	39.7	0.2
170107	Epo / Palakau HC	2	0	44	0	0	0	0	0	0	0	212	23.6	12.3	0
170108	Puas SC	2	60	343	0	0	0	0	0	0	0	585	75.9	50.9	0
170109	Tasingina SC	2	4	13	0	0	0	0	0	0	0	28	10.7	10.7	0
170110	Taskul HC	2	5	754	0	18	0	0	0	0	0	1448	53.1	50.1	0
170111	Tingwon SC	1	0	6	0	0	0	0	0	0	0	19	36.8	21.1	0
170112	Umbukul SC	2	0	177	0	0	0	0	0	0	0	514	35.4	29.0	0.2
170113	Piliwa SC	2	0	120	0	0	0	0	0	0	0	201	38.8	33.3	0
170101	Bol SC	2	0	604	0	0	0	0	0	0	0	1221	49.5	34.7	0
170114	Poliamba UC	2	6	214	0	0	0	0	0	0	0	646	31.6	24.3	0.6
170115	Lamusmus CHP	2	0	749	0	0	0	0	0	0	0	1096	67.9	49.0	0
<b>KAVIENG District</b>		<b>27</b>	<b>79</b>	<b>5272</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>51</b>	<b>74.5</b>	<b>47.1</b>	<b>11059</b>	<b>49.7</b>	<b>38.3</b>	<b>0.2</b>
170201	Babase SC	1	26	91	0	0	0	0	0	0	0	0	0	0	0
170202	Kabanut SC	2	0	1082	0	4	0	0	0	0	0	1562	69.3	56.8	0.9
170203	Kimadan HC	2	0	324	8	0	0	0	7	0	0	1589	45.0	31.3	0.3
170204	Lamassa SC	2	0	91	0	2	0	1	0	0	0	272	46.3	37.1	0
170206	Lipek SC	2	0	420	3	2	0	0	0	0	0	893	58.8	45.8	0.2
170207	Manga SC	2	0	556	3	0	0	0	0	0	0	883	60.6	43.0	0.3
170208	Mapua SC	2	0	174	1	0	1	0	0	0	0	730	47.9	31.8	0
170209	Masahet SC	2	0	603	0	0	0	0	0	0	0	847	64.3	48.1	0.1
170210	Messi SC	2	0	368	2	3	0	0	0	0	0	770	48.7	30.6	0
170211	Namatanai DH	1	31	1276	0	10	0	0	0	0	0	0	0	0	0
170212	Palie HC	1	23	258	0	4	0	0	0	0	0	561	46.0	26.6	0
170213	Panaras SC	2	0	69	0	0	0	0	0	0	0	196	35.2	28.1	0
170214	Pukpuk SC	2	0	464	2	0	0	0	3	0	0	759	53.9	42.0	0.7
170216	Silur SC	2	0	208	1	0	0	0	0	0	0	127	59.1	51.2	0
170217	Simberi SC	1	0	184	0	1	0	0	0	0	0	335	54.9	34.9	0.3
170218	Tanga HC	1	0	44	0	2	0	0	0	0	0	154	27.3	25.3	0
170219	Lihir Medical Centre	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170220	Simberi UC	2	2	39	0	0	0	0	0	0	0	149	26.2	20.8	0
<b>NAMATANAI District</b>		<b>29</b>	<b>82</b>	<b>6251</b>	<b>20</b>	<b>28</b>	<b>1</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>9827</b>	<b>54.2</b>	<b>39.9</b>	<b>0.3</b>
<b>New Ireland Province</b>		<b>56</b>	<b>161</b>	<b>11523</b>	<b>20</b>	<b>55</b>	<b>1</b>	<b>1</b>	<b>61</b>	<b>62.3</b>	<b>39.3</b>	<b>20886</b>	<b>51.8</b>	<b>39.1</b>	<b>0.2</b>

- 8 HFs submitted 2/2 monthly report, 24 HFs submitted 1/2monthly report and 1 HF submitted 0/2 monthly report.
- 1 Malaria Clinical Death was reported from Mapua HC in the month of January 2024.
- Babase HSC, Namatanai District Hospital and Silur HC are reporting more Malaria Positive cases compared to the total number of RDT examine which is not right.
- Kavieng Hospital is not reporting Malaria Microscopy in the month of January
- **9 Health Facilities out of the 33 Health Facilities in the Province are still reporting Malaria Clinical Cases despite the continuous visits and emphasize.**

**Table 10:** Shows Health Facility Status Report Kavieng District January to March 2024



PROVINCE : New Ireland  
 MONTH From: January MONTH To: March  
 YEAR From: 2023 YEAR To: 2024

2024			
Health Centre	Jan	Feb	Mar
Lamusmus CHP	Green	Green	Red
Poliamba UC	Green	Green	Red
Boi SC	Green	Green	Red
Piliwa SC	Green	Green	Red
Umbukul SC	Green	Green	Red
Tingwon SC	Green	Red	Red
Taskul HC	Green	Green	Red
Tasingina SC	Green	Green	Red
Puas SC	Green	Green	Red
Epo / Palakau HC	Green	Green	Red
Metemana SC	Green	Green	Red
Lemakot HC	Green	Green	Red
Lavongai HC	Green	Green	Red
Kavieng UC	Green	Red	Red
Kavieng Hospital	Blue	Green	Red

**Table 11:** Shows Health Facility Status Report Namatranai District January to March 2024.

Simberi UC	Green	Green	Red
Lihir Medical Centre	Blue	Blue	Red
Tanga HC	Green	Red	Red
Simberi SC	Green	Red	Red
Silur SC	Green	Green	Red
Pukpuk SC	Green	Green	Red
Panaras SC	Green	Green	Red
Palie HC	Green	Red	Red
Namatanai DH	Green	Blue	Red
Messi SC	Green	Green	Red
Masahet SC	Green	Green	Red
Mapua SC	Green	Green	Red
Manga SC	Green	Green	Red
Lipek SC	Green	Green	Red
Lamassa SC	Green	Green	Red
Kimadan HC	Green	Green	Red
Kabanut SC	Green	Green	Red
Babase SC	Green	Red	Red

According to the Status Report it shows that there is an improvement with monthly report submission from most Health Facilities in the Province. Only few Health Facilities needs to improve on that.

**Table 12:** Table below shows Health Facilities who are using ENHIS and NHIS (Hard Copy) reporting

<b>No.</b>	<b>NHIS (Hard Copy)</b>	<b>ENHIS (Tablet)</b>	<b>Daily Malaria Data Entry</b>
<b>1</b>	Bol HC	Lemakot HC	Yes
<b>2</b>	Taskul HC	Piliwa HC	Yes
<b>3</b>	Lavongai HC	Kabanut HC	Yes
<b>4</b>	Metemana HC	Kimadan HC	Yes
<b>5</b>	Umbukul HC	Lipek HC	Yes
<b>6</b>	Tingwon HC	Manga HC	Yes
<b>7</b>	Epo/Palakau HC	Messi HC	Yes
<b>8</b>	Tasingina HC	Panaras HC	Yes
<b>9</b>		Pukpuk HC	Yes
<b>10</b>	Silur HC	Kavieng Urban Clinic	No
<b>11</b>	Babase HC	Kavieng Hospital	No
<b>12</b>	Tanga HC	Simberi HC Maragon	No
<b>13</b>	Massahet HC	Lihir Medical Centre	No
<b>14</b>	Simberi Mine Clinic	Namatanai DH	Yes. They just started after the Malaria Refresher Training done. February and March data are now entered.
<b>15</b>	Lamassa HC	Mapua HC	Yes



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**MALARIA MICROSCOPY FACILITIES IN THE PROVINCE**

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**Table 13:** Shows Malaria Microscopy Facilities in New Ireland Province.

No	HF	Operational Status
1	<b>Kavieng Hospital</b>	Currently operating with 1 working Microscope. They have reagents available which is provided by the Hospital. They are using the issued Malaria Microscopy register book. They still haven't report well into the ENHIS.
2	<b>Lemakot HC</b>	Currently Operating with also 1 working microscope and they are reporting well into the ENHIS monthly report on timely bases. They operate depending on the Power situation.
3.	<b>Kimadan HC</b>	Currently Operating with also 1 working microscope and they are reporting well into the ENHIS monthly report on timely bases. They operate depending on the Power situation aswell.
4.	<b>Namatanai DH</b>	Currently Operating with also 1 working microscope but they are reporting well into the ENHIS monthly report on timely bases. They operate depending on the Power situation.
5.	<b>Lihir Medical Centre</b>	Currently operating with working microscope but they are not using the Malaria Microscopy Register book instead they are using their own register book. They are now reporting well into the ENHIS compared to 2023.

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**HOMEBASED MANAGEMENT OF MALARIA**

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For this Year HMM Program will concentrate only on the refresher training and supervisory visit for the existing Community Malaria Volunteer (CMV). No new training will be done this year due to limited funds.

All the active CMVs in the Province are reporting well and this has helped most health facilities with their burden of seeing a lot of malaria cases at their outpatients. Most of the CMV reports are captured in the Health Facilities monthly report.

**Table 14:** Shows CMV status in the Province

Total CMV Trained (2021-2023)	Total Inactive	Total Active
309	69	240

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*MALARIA PROGRAM VEHICLE*

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**Vehicle used:** RAM Program Vehicle NAE 839

**Color:** White Type: Land Cruiser 10 Seater

**Registration validity:** 28.11.24

**Safety Sticker validity:** 19.04.24

**Duration of use:** 17days

**Driver:** Bethlyn.Bekes

**Contact:** 74318344

**Old Vehicle:** BDS 690 is still in Ela Motors for Repair and Service.

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## MALARIA CQI TRAINING

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### Namatanai District Hospital

This training was done purposely for all the Health Staff in Namatanai District Hospital in Namatanai District New Ireland Province. There was a very good turn up from all the District Hospital Staff with a total of **28 Participants** who attended the Training. From the 28 Participants 3 are Community Malaria Volunteers (CMVs) who also sat in for the CQI Training. The District Health Manager for Namatanai District Mr. Edward Maika also sat in for the Training.

#### *Sessions during the CQI Training*

**Types of RDTs, Data Collecting Tool and NHIS Forms:** This presentation was done by Erica and few of the slides were taken from Vellgie's Presentation on Malaria Data collecting tools. We also went through the Malaria Sections on the NHIS forms. We went through the 6 different type of RDTs that are distributed by RAM and NDoH and is currently used in the Country. We also went through the importance of reading time, correct number of buffer drops and the importance of checking expiry dates. We then went through in detail the different types of Malaria Reporting tools which includes the Outpatient Tally sheets, Malaria RDT Register book, Malaria Microscopy Laboratory Register book and the National Health Information System Form, which most of them knew and understood.

**Malaria Data and Reporting Updates for Namatanai District Hospital (Source: ENHIS)** This presentation was compiled by Erica on the Malaria data and Reporting updates for Namatanai District Hospital, which gives a bigger picture back to the Participants on how well they are reporting and if they need improvement or not. These data presented also reflects Namatanai District Hospital on how often their data is submitted and the timeliness of their monthly report submission. Namatanai District Hospital is one of the Health Facility in New Ireland Province who is currently reporting more positive patients compared to the total RDT tested, this was pointed out during this presentation and going forward they were ask to improve. **NO CLINICAL DIAGNOSIS** was strongly emphasized during this session. Malaria Microscopy was also mentioned during this presentation. Namatanai Rural Hospital is currently doing Malaria Microscopy but is not reporting well. Malaria Microscopy in the hospital depends entirely on the Power supply which is pretty much a huge challenge.

**Malaria Treatment Protocol:** This was Dr. Laman's presentation presented in May 2023 at gateway hotel for the 1<sup>st</sup> Clinician meeting. This was the same presentation presented by Erica during this training. We went through the Malaria Treatment Protocol and the 2 new Updates Primaquine stat dose for PF positive patients and ACT (Mala1) is now safe in 1<sup>st</sup> Trimester of Pregnancy were mentioned. The dosage for Primaquine Phosphate 7.5mg (PQ) which are currently available in two different packaging and label. 13.2mg label with 100 tabs/container and 7.5mg 1000 tabs/container which are content of 7.5 mg, however due to the label differences, dosage for the former has been given in reduced doses, and was addressed during this session. We also went through the dosage of the 2<sup>nd</sup> line treatment for uncomplicated malaria which is Duo Cotexin, which most participants understood very well. Intermittent Preventative Treatment Prophylaxis in Pregnancy was also mentioned during this session.

No Chloroquine usage as splenomegaly Prophylaxis was also emphasized during this session. Health Staffs were also advised to stop prescribing Chloroquine. Few question was asked regarding the treatment protocol and all these questions asked were answered accordingly but most importantly they were all advised to **ALWAYS FOLLOW THE TRETAMENT PROTOCOL REGARDLESS, BECAUSE THIS WILL GUIDE YOU.**

**Home Based Management of Malaria (HMM):**

Thomas went through the most important part of HMM program which is the CMV patient’s referral forms. He advices the health staff on the importance of the patient’s referral forms and make mention to the Health Facility staff to always assist patients who will be presenting to the Outpatient department with a referral form from the CMVs. Most of the patient’s referral forms are for patients to get Primaquine in order to complete their full course of Malaria Treatment.



Pictures taken during the Malaria CQI training at Namatanai District Hospital MCH Room.

Participants List

4.	ESTHER LESLIE	NRH	19/3/24	CHW	7282377	<i>[Signature]</i>
5.	DAMIENUS HOSEA	NRH	19/3/24	N/O	71064414	<i>[Signature]</i>
6.	BRADLEY KAMINIEL	NRH	19/3/24	CHW	7985788	<i>[Signature]</i>
7.	TITAS JOSHUA	NRH	19/7/24	CHW	73457350	<i>[Signature]</i>
8.	Doreen Danny	NRH	19/3/24	NP	7444492	<i>[Signature]</i>
9.	Rachel Wilson	<del>NRH</del> UPEKHE	19/3/24	CHW	72751091	<i>[Signature]</i>
10.	ROSELYN LAMAMAU	NRH	19/3/24	RND	7329508	<i>[Signature]</i>
11.	SALOME PAUL	NRH	19 <sup>3</sup> /24	RND	7113093	<i>[Signature]</i>
12.	Cathy Bilu	NRH	19 <sup>3</sup> /24	RND	70739811	<i>[Signature]</i>
13.	SILVIA KEYENS	NRH	19 <sup>3</sup> /24	CHW	72889852	<i>[Signature]</i>

14.	EDWARD MALIK	CHW	19/3/24	CHW	7491120	<i>[Signature]</i>
15.	CECELIA TANA	NRH	19/3/24	CHW	7301901	<i>[Signature]</i>
16.	George Tom	NRH	19/3/24	CHW	7406795	<i>[Signature]</i>
17.	Ann Kibanda	NRH	19/3/24	RND	7231135	<i>[Signature]</i>
18.	TALAMU TAMA	NRH	19/3/24	RND	7266528	<i>[Signature]</i>
19.	ELSBIE TANOKARE	NRH	19/3/24	RND	7252558	<i>[Signature]</i>
20.	ELIZABETH TABU	NRH	19/3/24	CHW	7314534	<i>[Signature]</i>
21.	STEPHANIE KORO	NRH	19/3/24	CHW	7987283	<i>[Signature]</i>
22.	Josephine Jay	NRH	19/3/24	RND	7240256	<i>[Signature]</i>
23.	Therese H. H. H. H.	NRH	19/3/24	CHW	7958320	<i>[Signature]</i>
24.	Bernadette Wende	NRH	19/3/24	CHW	7331790	<i>[Signature]</i>
25.	ELIZABETH SHANE	NRH	19/3/24	CHW	7007199	<i>[Signature]</i>
26.	JENNIFER FURIA	NRH	19/3/24	LAB TECH	7312131	<i>[Signature]</i>
27.	Cathy Pinal	NRH	19/3/24	CHW	7268325	<i>[Signature]</i>
28.	Bernadette Wende	NRH	19/3/24	CHW	7405922	<i>[Signature]</i>

## Lemakot School of Nursing (Sacred Heart)

Malaria CQI Training done in Lemakot School of Nursing on March 13<sup>th</sup> 2024. Lemakot School of Nursing (Sacred Heart School of Nursing) is a school consist of students who are trained to become Community Health Workers (CHW) and Nursing Officers. A total of 96 Students both CHWs and Nursing Officers and their teachers attended the Training. The training was on;

1. Malaria Reporting Forms (Malaria Register Books, OPD Tally Sheet, NHIS Forms)
2. The Importance of recording and Reporting Malaria
3. Updated Malaria Treatment Protocol
4. Different Types of RDTs their reading time, number of buffer drops and the importance of RDTs.
5. Importance of Malaria Treatment Compliance.
6. Stock management



*4 pictures above show Students and Teachers at Lemakot School of Nursing during the Malaria Refresher Training*



- Malaria CQI Training for Namatanai District Hospital done
- New NIPHA Malaria Program Officers (Data Entry Clerk, Driver & Admin Officer)
- PHA supported with 5 days Vehicle Hire for Q1 Drug Distribution
- DHM Namatanai District with Generator support for the Malaria CQI training for Namatanai District Hospital.

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### *CHALLENGERS*

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- Bad Weather (Continuous raining, Rough seas)
- Few Health facilities still doing Clinical Diagnosis despite continuous emphasis
- Kavieng Hospital not reporting Malaria Microscopy.

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### *RECOMMENDATIONS*

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- Continue Malaria CQI Training in the Province.
- Plan for Malaria School Survey
- Continuous emphasis on No Clinical Diagnosis and timeliness of Monthly Report Submission

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### *ACKNOWLEDGEMENT*

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1. New Ireland Provincial Health Authority
  - The Chief Executive Officer- Dr. Sternard Hiahsiri
  - A/Director Public Health- HEO Patterson Marengas
  - Provincial Disease Control Officer- HEO Maria Sabok
  - Deputy Director Public Health Programs- Mr. Edmond. Polut
  - Partners Coordinator- Mr. Alphonse Wena
  - Provincial Pharmacist- Ms. Monica Wulwarau
  - Provincial Health Information Officer- Ms. Alphonsia Wiringa
  - A/District Health Manager Kavieng District- HEO Betty Tameluk
  - District Health Manager Namatanai District Mr. Edward Maika
  - Namatanai District Hospital Pharmacist- Mr. Alistair Passingan
  - MLT Mr. Joe Kiliahae
  - Kavieng Transit Medical Store Team
  - All the Health Facilities OICs and Health Staffs.
  - HMM Officer-Mr. Thomas Kapu
2. St Barbra Mine Simberi
3. Catholic Health
4. United Church Health

5. RAM/Global Fund

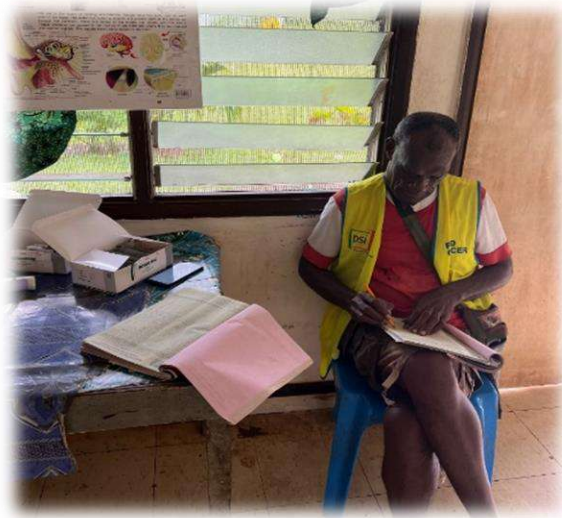
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*PHOTOGRAPHS*

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*Confirming and unloading Drugs with Health Facility Staffs at Lavongai HC beach front.*



*MLT Mr. Joe going through the Malaria Registers at Taskul HC and a Nurse at Messi HC signing off the HF Checklist*