

NATIONAL ARCHIVES & PUBLIC RECORDS SERVICE
OF PAPUA NEW GUINEA

PATROL REPORTS

DISTRICT: MOROBE

STATION: KAIAPIT, 1957 - 1958

Original documents bound with reports
for: Wasu, volume 4.

Papua New Guinea Patrol Reports

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[Wasu, Wantoat, Kaiapit]

NATIONAL ARCHIVES OF P.N.G. - WAFU .NI.

PATROL REPORT OF: WASU MOROBE

ACC. No: 496.

Volume No: 4 1957/58 Number of Reports: 4

PERORT No: WASU	FOLIO	OFFICER CONDUCTING PATROL	AREA PATROLLED	MAPS/ PTS	PERIOD OF PATROL	FICHE No:
[1] 1 OF 1957/58	1-16	N.J. CAVANAGH C.P.O	SIO CENSUS DIVISION.		20.8.57 - 18.9.57	
[2] 2 OF 1957/58	1-30	R.J. GREEN P.O	URUWA/YUPNA CENSUS DIVISION.		12.11.57 - 22.12.57	
[3] 3 OF 1957/58	1-15	C.C. GIFFARD P.O	SIO CENSUS DIVISION.		11.2.58 - 21.2.58	
[4] 4 OF 1957/58	1-26	C.C. GIFFARD P.O	KIMBA/SELEPET CENSUS DIVISION.		8.4.58 - 5.6.58	
[] [Wantoat]						
[] 1 OF 1957/58	1-30	C.E. DEATH P.O	WANTOAT CENSUS DIVISION.		9.7.57 - 16.8.57	
[] 2 OF 1957/58	1-17	C.E. DEATH P.O	WANTOAT CENSUS DIVISION.		MAP 14.11.57 - 30.11.57	
[] [Kaiapit]						
[] 2 OF 1957/58	1-14	D.P. MAROVEY CPO	WAFFA CENSUS DIVISION.		21.11.57 - 26.12.57	
[] 3 OF 1957/58	1-12	D.P. MAROVEY CPO	MIRKHAM HEADWATERS		31.1.58 - 11.2.58	
[] 4 OF 1957/58	1-15	P.P. HAVILAND	AMARI CENSUS DIVISION.		18.3.58 - 25.5.58	
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TERRITORY OF PAPUA AND NEW GUINEA

MORORE DISTRICT

PATROL POST REPORTS 1957/1958

MASU

N. J. CAUVAGH No. 1 SIO CENSUS DIVISION
R. J. GREEN No. 2 URUWA/YUPMA CENSUS DIVISION
C. C. GIFFARD No. 3 SIO CENSUS DIVISION
C. C. GIFFARD No. 4 KOMBA/SELEPET CENSUS DIVISION

WANTOAT

C. E. DEATH No. 1 WANTOAT CENSUS DIVISION
C. E. DEATH No. 2 WANTOAT CENSUS DIVISION

KALAPIT

D. P. HARVEY No. 2 WATTA CENSUS DIVISION
D. P. HARVEY No. 3 MARKHAM HEADWATERS
P. P. HAVILAND No. 4 AMARI CENSUS DIVISION



TERRITORY OF PAPUA AND NEW GUINEA

DNR

30/3/58



PATROL REPORT

District of MOROBE Report No. KAIAPIT No 2 of 1957/1958
 Patrol Conducted by D.P. MARONEY, CADET PATROL OFFICER
 Area Patrolled WAFFA HEADWATERS Census Division
 Patrol Accompanied by Europeans No.

Natives Five

Broken Period

Duration—From 21/11/1957 to 5/12/1957
 & 19/12/1957 to 26/12/1957
 Number of Days 23

Did Medical Assistant Accompany? No

Last Patrol to Area by—District Services 2 / 19 56

Medical NIL / 19

Map Reference 1/. Revision of Census

Objects of Patrol 2/. General Administration
3/. Introduction of Coffee

DIRECTOR OF DISTRICT SERVICES
 AND NATIVE AFFAIRS,
 PORT MORESBY.

Forwarded, please.

A. D. Maroney
 District Commissioner

/ /19

Amount Paid for War Damage Compensation £ NIL
 Amount Paid from D.N.E. Trust Fund £ NIL
 Amount Paid from P.E.D.P. Trust Fund £ NIL

30/3/58

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Child Birth	MIGR	
	In	
	M	F

30-9-113.

6th February, 1958.

The District Officer,
Morobe District,
L.A.P.

Patrol Report No. 2, 1957/58-Kaiapit.

Receipt of the abovementioned Patrol Report is acknowledged with thanks.

Your remarks adequately cover the contents of the Report.

Mr. Maroney displayed sound common sense in leaving the investigation of the murder alone.

I concur in paragraph (4) of your remarks to Mr. Maroney. It is gratifying to see an officer who can recognise a problem and then take some steps to overcome it, particularly in developmental work.

Mr. Maroney shows a very fine attitude towards the native people.

J.K. McCarthy
(J.K. McCarthy) C.
Acting Director.



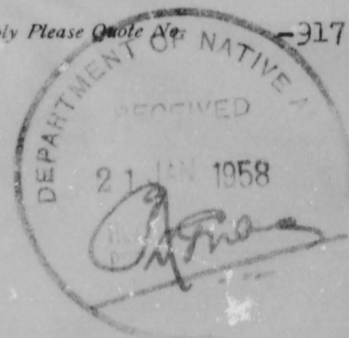
TERRITORY OF PAPUA AND NEW GUINEA

DEPARTMENT OF THE ADMINISTRATOR
Department of Native Affairs,
L A E.
20th January, 1958.

30/9/113 ✓

ARH.DD

In Reply Please Quote No. 917



The Director,
Department of Native Affairs,
PORT MORESBY.

PATROL REPORT NO. KAIAPIT 2 of 1957/58.
MR. D. P. MARONEY - CADET PATROL OFFICER.

Forwarded is the report of a patrol carried out by
Mr. Maroney who is at present stationed at Kaiapit.

Mr. Maroney has done well in difficult terrain and in
the 'cinderella' spot of the Kaiapit area.

No further action is required at Headquarters level.

Contingencies for camping allowance are included.

A. R. Haviland

(A.R. Haviland.)
A/DISTRICT OFFICER.

Encl.

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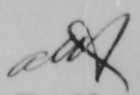
-916
Department of Native Affairs,
L.A.E.
20th January, 1958.

Mr. D. P. Maroney,
Cadet Patrol Officer,
KAIAPIT.

PATROL REPORT NO. KAIAPIT 2 of 1957/58.

- 1) The fact is that there is more protection for a man walking on a good, cleared, well maintained road than on a jungle path, and the WAIGWANOM and IMISI people should be instructed to reconstruct and maintain the road between the two places if it is of any practical value.
- 2) The alleged murder has been reported to the Assistant District Officer, Menyanya, in whose Sub-District the Upper Banir River area lies.

You did the right thing, as a Cadet, in not pursuing the investigation further.
- 3) At the first call for Police Recruits, please attempt to get a quota from the WAFFA area and I will let you know when there are vacancies for students at the Malahang Medical School. Police and Medical men from the area would help considerably in settling the Banir River area.
- 4) I am glad you undertook such a form of economic development; a solution will be found to cover transport difficulties to markets. On your next patrol investigate the possibility of a small airstrip project. It is not good administration to leave one area of an otherwise wholly advancing district undeveloped.
- 5) You give no map reference nor have you sketched one. Is there some reason for this?
- 5) A copy of your section on Medical and Health and on Census and statistics will be forwarded to the Regional Medical Officer who will be asked to have a Medical Patrol visit the area.
- 7) A well conducted patrol and one requiring initiative which has apparently been used successfully to conquer difficulties.


(A.R. Haviland.)
DISTRICT OFFICER.

Territory of Papua and New Guinea

KAIAPIT Patrol Post,
via LAE,
MOROBE District,
T. of N.G.

8th. January, 1958

PATROL REPORT NUMBER

KAIAPIT No. 2 of 1957/1958

PATROL CONDUCTED BY

D. P. MARONEY, Cadet Patrol Officer..

AREA PATROLLED

WAFPA HEADWATERS Census Division

PERSONNEL ACCOMPANYING

Two groups of 3 members of the R. P. & N. G.
.C. ----the first group accompanying
during the first period and the second
group during the second period:---

No. 6110 PA Corporal YAGOVI
" 3558 Constable OITSIRA
" 9632 " ORBANGAWA

No. 6111 PA L/Corp Samar
" 6606 Constable MUNGUMBI
" 9632 " ORBANGAWA

1 Native Agricultural Assistant
1 Personal Servant

DURATION OF PATROL

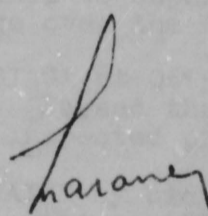
From the 21st of November, 1957 to the
5th. of December, 1957.
From the 19th. of December, 1957 to the
26th of December, 1957.

NUMBER OF DAYS SPENT ON PATROL

23 days

OBJECTS OF PATROL

- 1/. Revision of Census
- 2/. General Administration
- 3/. Introduction of Coffee



D. P. Maroney
(Cadet Patrol Officer)

DIARY

NOVEMBER, 1957

- Thursday the 21st. 0900 Departed station by LandRover and arrived at MUTSING at 0915. Forged Markham River and proceeded to NAROWAINE (Alt. approx. 650') via INTOAP, PUGUAP, YATSING, INSINGANTS, GURUF and YANUF villages -----arrived at NAROWAINE at 1700.
- Friday " 22nd. 0900 Departed NAROWAINE arriving at the abandoned site of YASURU (1200') at 1330. Road follows the WAMOAL River upstream for a considerable distance. Camped under canvas.
- Saturday " 23rd Left the old site of YASURU at 0815. Ascended to the recently abandoned site of YASURU (2750'). Road ascended along ridges until crossing the WAMOAL-WAFFA Divide at 4700'. Descended to KUSING (4250') arriving at 1235.
- Sunday " 24th. Observed.
- Monday " 25th. Villagers censused and medically inspected. Village inspected
- Tuesday " 26th. Cleared a spot for the future planting of coffee. New houses and latrines constructed.
- Wednesday " 27th. Departed KUSING 0635 and arrived at TUMBUNA (4000') at 0700. Lined and medically inspected people. Latrines and housing inspected.
- Thursday " 28th. Villagers started clearing a site for the introduction of coffee.
- Friday " 29th. Village inspected and housing instructions given.
- Saturday " 30th. Departed TUMBUNA 0950 arriving at SIAGA (3,700') at 1100. Village people censused.
- DECEMBER
- Sunday " 1st. Observed.
- Monday " 2nd. At SIAGA. Constable despatched to inspect the flooded WAFFA River at the crossing place. Village people commenced clearing a site for coffee and building dwelling houses and a pig fence.
- Tuesday " 3rd. WAFFA River reported to be in full flood and unable to be crossed. Constable ORBANGAWA left at SIAGA to supervise the building of a cane bridge over the WAFFA River.
- Wednesday " 4th. Departed SIAGA at 0615 and arrived at NAROWAINE at 1700. Passed through TUMBUNA and KUSING en route and inspected previously allotted work.
- Thursday " 5th. Left NAROWAINE by bicycle at 0715 and arrived at KAIAPIT station at 1355. Forged the flooded MARKHAM River en route. Carriers arrived at 1700.

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DECEMBER

- Thursday the 19th. Departed KAIAPIT station by tractor at 0915 and arrived at MUTSING at 0950. Forged the flooded MARKHAM River. Proceeded by bicycle via the lower ONGA villages arriving at NAROWAINE (650') at 1615.

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DIARY

DECEMBER

- Friday the 20th. Delayed the full day awaiting carriers however the WAMOAL River was in full flood and unfordable anyway.
- Saturday " 21st. Departed NAROWAINE 0750, forded and followed the WAMOAL River upstream. Cut across country through kunai and rain forest and arrived at the north bank of the WAFFA River at 1215. Unable to ford the WAFFA River to ONUNK (900') so census conducted with the Luluai in attendance.
- Sunday " 22nd. Left ONUNK 0730 and arrived at URINT (2,600') at 1610;. Forded the WAFFA River many times and cut our own track through a considerable portion of the rain forest. Census conducted and village inspected.
- Monday " 23rd. Departed URINT at 0800 and arrived at WAIGWANOM (IMANI) after a 1 hour 20 minutes walk----- (No altitude was recorded at this village but it is estimated to be approximately 3,000 feet A.S.L.). Village inspected and censused. Left WAIGWANOM at 1315 and arrived at URINT after an hours walk.
- Tuesday " 24th. Left URINT at 0645 and arrived at NAROWAINE at 1920. Delayed an hour bridging the lower western tributary of the WAFFA River. Had lunch at ONUNK.
- Wednesday " 25th. Christmas Day ----- Observed at NAROWAINE
- Thursday " 26th. Departed NAROWAINE by bicycle at 0615. Proceeded via the lower ONGA villages and forded the MARKHAM River and arrived at MUTSING at 1100. Proceeded by LandRover from MUTSING to the station. Carriers arrived at KAIAPIT at 1645.

Patrol Completed -----End of Diary

INTRODUCTION

This patrol was of a routine nature and was carried out without any undesirable incidents. The previous Native Affairs patrol through this area was conducted by Mr. D.G. Calder, Patrol Officer, during February, 1956. There has never been a Medical Patrol to this the WAFFA HEADWATERS Census Division.

This area is situated due south of KAIAPIT Patrol Post and the nearest village is two days walk away. The area is made up of the tributaries of the WAFFA River and is comparatively inaccessible and therefore the people are fairly unsophisticated. The six villages are situated at altitudes from 900' a.s.l. (ONUNK) to 4,250' (KUSING) and vary in size from 43 persons at ONUNK to 299 at TUMBINA. The WAFFA people are a composite group being comprised of three separate linguistic groups and the area is not populous having a total population of only 1020.

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INTRODUCTION (Continued)

The patrol was not hurried in the first stage in an attempt to get closer to the people, improve housing conditions and introduce coffee to these people. However the patrol was conducted at the start of the wet season and much difficulty was experienced with the WAFFA River and it was impossible to cross near SIAGA. The patrol returned to KAIAPIT and set out for the WAFFA Division again when the WAFFA River was reported to be down. Quite a considerable portion of the road follows the WAFFA River and the second half of the patrol had to be comparatively hurried so as to avoid being "cut-off" by the flooded WAFFA River..

NATIVE AFFAIRS

The general native situation throughout the area is very good and only two complaints in the WAFFA division were brought to the notice of the patrol. One was damages claimed for the depredations by village pigs ----- this was settled by arbitration to the satisfaction of both parties. The other was a minor offence against the provisions of the Native Administration Ordinance and this case was sent to KAIAPIT to be heard by the Court for Native Affairs. The lack of complaints, I feel, indicates a satisfactory trend in the affairs of these people.

The patrol was seemingly well received in all villages and things in the area were quiet. The outbreak of fighting that occurred between the IMISI people and the WAIGWANOM and ORINT villages during 1952 has almost been forgotten now. Even so the road between WAIGWANOM and IMISI is overgrown and the WAIGWANOM people are anxious to keep it this way as they feel that a cleared road will only invite an attack from the IMISI people. The last murder in the WAFFA division occurred at WAIGWANOM in September, 1955, but everything is peaceful in that village now ---- in fact a minor offence, as mentioned previously, was brought to the notice of the patrol by the Luluai ---- this is a very healthy sign.

A murder at IMISI in the adjacent area of the Upper Banir River was reported to this patrol. No action was taken by this patrol owing to the writer's inexperience and the fact that the IMISI is not in KAIAPIT's area. Full particulars of the alleged ~~murder~~ murder were immediately forwarded to Lae .

The attitude of the people in the area is improving as was evident when the patrol was approached by two youths, one wishing to become a Policeman and the other a Native Medical Assistant. They explained that there had never been any Policemen or N.M.A's from the WAFFA area and they wanted to show that the WAFFA people are quite capable of advancement. The two youths were given every encouragement.

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NATIVE AFFAIRS (Continued)

However the majority of these people are fairly backward and have little if any initiative but there are signs of a slow advancement amongst these people.

NATIVE AGRICULTURE AND LIVESTOCK

The staple diet of these people is sweet potato supplemented by taro, yams, bananas, pit pit, corn, sugar cane etc.. Food in the area is very plentiful and there was no evidence of any periodical food shortage.

Many pigs of a poor breed are kept and also many dogs. Fowls are uncommon in the area and are comparatively highly prized.

Economic Development

Prior to this patrol there was no economic development whatsoever in the area. There are a number of features that are at present against any form of cash cropping. They are :---

- 1/. Comparatively inaccessability
- 2/. Lack of initiative on the part of the people.
- 3 /. Frequent shifting of the village sites.

However it is thought by the writer that "nothing ventured is nothing gained" and so an area in three villages was cleared for coffee. An area for the future planting of 2103 was chained out. These were as follows :---

KUSING	521
TUMBUNA	972
SIAGA	610

The Native Agricultural Assistant will go around the area again in the new year and extend these blocks as well as introducing coffee to the other villages.

The subject of Personal Tax was discreetly mentioned by this patrol and they were told that although it may be many years before Personal Tax is introduced in this area it will surely come eventually.. This argument was used as a lever to help introduce the coffee and to try to incite some interest in this project.

VILLAGES AND HOUSING

The housing situation in the WAFFA is generally quite poor. All houses in the villages were visited with the exception of those in the village of ONUNK --- this was not visited as it was impossible to cross the flooded WAFFA River.

There are 189 houses in the area and 73 of these were

VILLAGES AND HOUSING (Continued)

constructed during the patrol's stay. This total indicates that the average number of people living in a house is 5.4 persons.

The standard type of house is the circular type of their ancestors. The walls are made of a vertical split poles and lined with the leaves of the pandanus palm. The roofs are made of bamboo leaves covered with grass. Floors are made of either wood or of the "limbom" palm or wild pit-pit. An unfortunate feature of this type of house is the provision of a pig pen in the front of the houses.

The climate in the area is not harsh and the latest style of houses are built comparatively open.

In general sanitation was good and where inadequate, latrines were constructed under supervision.

ROADS AND BRIDGES

The roads of the area are quite poor and grading of the roads is unheard of. Roads in the western section of the WAFFA are well cleared but are still poorly graded.

A problem arises in the eastern section of the WAFFA where the population is insufficient to maintain the roads in even reasonable order. The villages of ONUNK (pop. 43) and URINT (pop. 45) are much too small to maintain the long (6-8 hour walking time) road between the two villages. WAIGWANOM (pop 145), which are now situated on a site near URINT, are to help URINT in the upkeep of this track to ONUNK.

Bridges are provided at all unfordable streams and these bridges, although not elaborated, seem ample and sufficiently stable. Much difficulty was experienced by this patrol in getting across the WAFFA tributary near URINT. A policeman was left there and he has now constructed a "kunda" (cane vine) bridge. Instructions were left at the villages for the maintenance of this bridge.

VILLAGE OFFICIALS

The Officials in this area are conscientious enough but have very little idea of their duties ---- their functions were explained to them.

An anomalous position occurs in the WAFFA Division ---- the only people with a knowledge of Pidgin English are the youths that have just returned from Indentured Labour. Rather

VILLAGE OFFICIALS (Continued)

than appoint a youth to the position of Tultul adult males have been chosen with the result that few Tul Tuls have a good knowledge of Pidgin English.

Many Village Officials were provisionally appointed by this patrol and their names have been forwarded through official channels. The following are a list of the present Village Officials in the WAFFA HEADWATERS Census Division :-----

<u>Village</u>	<u>Rank</u>	<u>Name</u>
KUSING	A/ L/L A/ T/T	KAPINGAU GUREI
TUMBUNA	L/L A/ T/T	UNDINA MUMUMATEI
SIAGA	L/L T/T	YAMIA TUHO
URINT	A/L/L	SIRU'O
WAIGWANOM	L/L T/T	KIREIWIS KWOMOGWIS
ONUNK	L/L	NAHANG

MEDICAL AND HEALTH

The health of these people is fair but the death rate is exceptionally high as shown in the census figures. This, I feel, is due mainly to pneumonia and other ~~respiratory~~ respiratory complaints.

A number of goiters were noticed and two cases of extreme facial disfiguration, which I feel may be due to Hansen's disease. No insanity was noted in the area. Scabies was very prevalent in the western villages.

An N.M.A. conducted a patrol separately and treated all medical cases.

EDUCATION AND MISSIONS

The Lutheran Mission is this only Mission represented in this area. There are schools and churches in the villages of KUSING, TUMBUNA, SIAGA, and WAIGWANOM. NO schools were visited as all the Mission teachers were at a Mission Conference at the time of the patrol.

~~ANTHROPOLOGY~~
ANTHROPOLOGY

Nothing of Anthropological interest was noted by this patrol.

INLAND WATERWAYS

There are no navigable waterways in the WAFPA HEADWATERS Census Division.

CENSUS AND STATISTICS

A complete revision of the census was conducted in all villages of the division and the resulting total indicates an unsatisfactory trend.

The overall natural decrease in the past 21 months is 43. Of the six villages in the division not one shows a natural increase since the last census. There has been a natural decrease of 229 since 1952 ----- this is an average natural decrease of 45.8 persons per annum. The village of YASURU has been abandoned since the last patrol and half of it's population has Migrated Out of the Division to NAROWAINE, the others going to KUSING.

The census was conducted in all villages in an orderly fashion and no new names were recorded by this patrol. It appears that very few people, if any, are still living in the bush.

CONCLUSION

The patrol was of a routine nature and was carried out without incidents. All in the Census Division seems satisfactory with the exception of the population trend. The people are progressing slowly but surely towards sophistication.

D. P. Maroney

D. P. Maroney
Cadet Patrol Officer.

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TERRITORY OF PAPUA AND NEW GUINEA

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Patrol Post,
KAIAPIT.

19 th November 1957.

D. P. Maroney esq.,
Cadet Patrol Officer,
KAIAPIT.

PATROL No 2 of 57/58 - WAFPA

As discussed earlier with you, please be prepared to leave as soon as possible and undertake a patrol of the WAFPA census sub-division.

Stores and a cash advance will be drawn from here.

Select an N.C.O. and two Constables of the R.P.&N.G.C. to accompany you.

The objects of the patrol will be -

1. Census
2. General administration.
3. Introduction of coffee.

The Native Agricultural Assistant will accompany you. Coffee seed is not available at the moment, but the ground can be prepared etc., and on its arrival, will be sent out. The Assistant will return with the seed.

If possible, settle out of Court any minor disputes. Refer any serious cases to KAIAPIT.

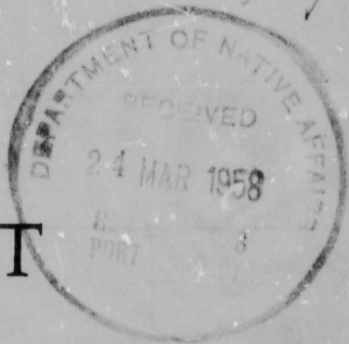
R. B. Haviland
R. B. Haviland O.I.C. KAIAPIT.

Amount Returned to State



TERRITORY OF PAPUA AND NEW GUINEA

Director
30/3/59



PATROL REPORT

District of MOROBE Report No. 3 of 1957/1958

Patrol Conducted by D. P. MARONEY, Cadet Patrol Officer.

Area Patrolled MARKHAM HEADWATERS CENSUS DIVISION

Patrol Accompanied by Europeans No

Natives Four

Duration—From 31/1/1958 to 11/2/1958

Number of Days 12

Did Medical Assistant Accompany? No

Last Patrol to Area by—District Services -/1/1957

Medical -/2/1958

Map Reference Markham 4 mile: 1 inch Army Strat Series No 2032

- Objects of Patrol
- 1/. Revision of Census
 - 2/. General Administration
 - 3/. Inspection of Coffee

DIRECTOR OF DISTRICT SERVICES
AND NATIVE AFFAIRS,
PORT MORESBY.

Forwarded, please.

2/13/1958

[Signature]
District Commissioner

Amount Paid for War Damage Compensation £ NIL

Amount Paid from D.N.E. Trust Fund £ NIL

Amount Paid from P.E.D.P. Trust Fund £ NIL

30/3/59

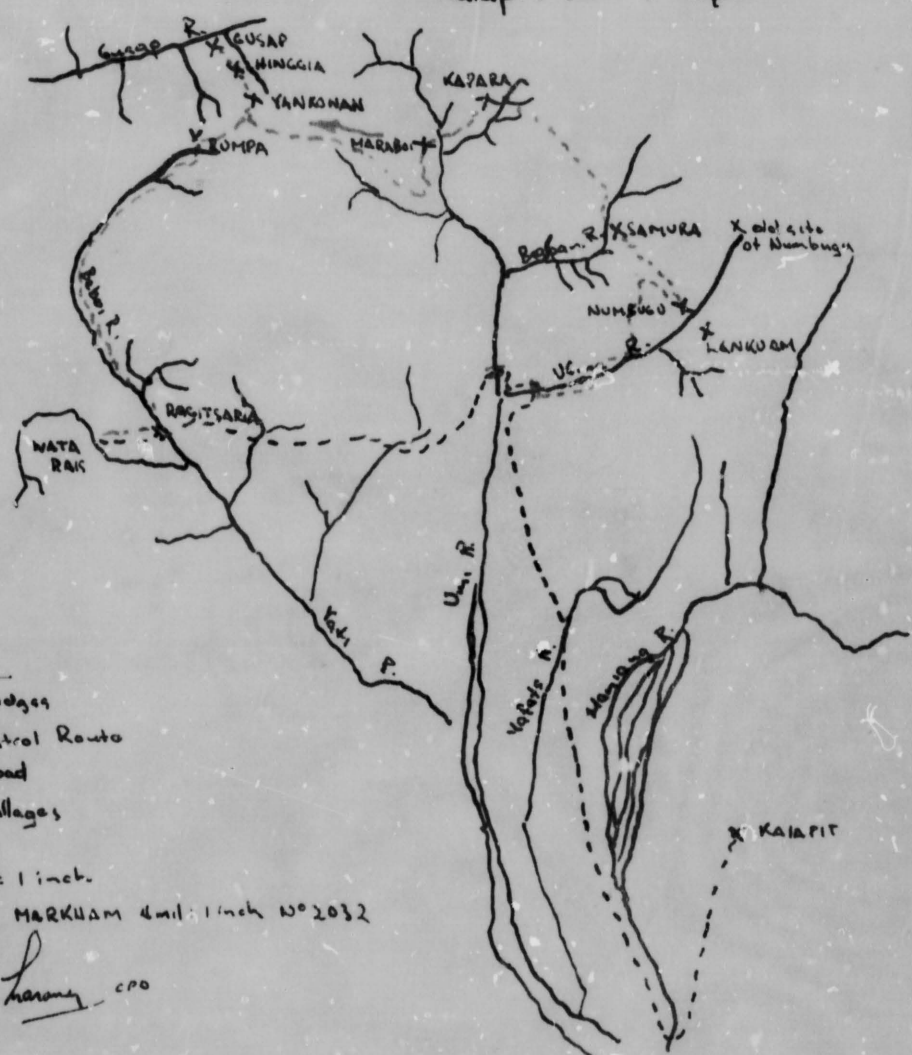
MIC

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Kaipit Patrol Report No 3 of 57/58



Legend

- = Bridges
- - - - Patrol Route
- - - - Road
- X Villages

Scale 4 mil: 1 inch.

Traced from MARKHAM 4 mil: 1 inch No 2032

20-2-58 Larany CPO

MIC

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30-9-117.

26th March, 1958.

The District Officer,
Morobe District,
LAE.

Patrol Report No. 3 1957/58 - Kaiapit.

Receipt of the abovementioned Patrol Report
is acknowledged with thanks.

The contents of the Patrol Report are ade-
quately covered in the accompanying memoranda.

Mr. Maroney has done a good job.

J.K. McCarthy
J.K. McCarthy)
Acting Director.



TERRITORY OF PAPUA AND NEW GUINEA

3/9/17 ✓



In Reply
Please Quote

No. 30-1-9 -11

Department of Native Affairs,
L A E.

21st March, 1958.

ARH.CP.

The Director,
Department of Native Affairs,
PORT MORESBY.

PATROL REPORT NO. KAIAPIT 3-57/58

MR. D.P. MARONEY - CADET PATROL OFFICER.

Mr. Maroney's Patrol Report is forwarded
herewith.

No further action is required at Headquarters.

(A.R. Haviland)
A/DISTRICT OFFICER.

30/1/58
3-1-3 -12

Department of Native Affairs,
L A E.

ARR.GP.

Mr. D.P. Marney,
Cadet Patrol Officer,
L A E.

PATROL REPORT NO. Kadapit 3-57/58.

1. I regret having to transfer you from Kadapit to Lae, however, it may be possible to afford you the opportunity to carry out a follow up Patrol later this year to boost the enthusiasm already resulting from your visit.
2. With reference to the NUMBUNG people I would like you to note that in the initial stages, at least, the Native Affairs Officer visits the people.
3. A very satisfactory report.

all
(A.R. Haviland)
DISTRICT OFFICER.

TERRITORY OF PAPUA & NEW GUINEA.

RRH/TK

30/1/1 - 100

Patrol Post,
KAIAPIT.

D. P. Maroney esq.
Cadet Patrol Officer,
KAIAPIT.

25 th January, 1958

INSTRUCTIONS - PATROL No 3 of 57/58 - MARKHAM HEADWATERS

Please prepare to leave on patrol to the above area on Friday the 31st of January.

Stores and cash advance will be drawn from here.

Select an N.C.O and two Constables of the R.P. & N.G.C to accompany you.

The objects of the patrol will be:-

1. Census
2. Routine Administration
3. Inspection of Coffee plots

In connection with No 3 a Native Agriculture Assistant is at present in the area - you can check on his progress.

The European Medical Assistant, Mr. P.E. Moller is undertaking a patrol to the Markham Headwaters census division on Monday the 2nd of February - advise the natives of this and assist Mr. Moller as much as possible.

If possible, settle out of Court any minor disputes but refer serious cases to KAIAPIT.

FOR MR MARONEY

please.

R.R. Haviland

(R.R. Haviland)
O. T. C.
KAIAPIT.

Am
(D. P. Maroney)
Cadet Patrol Officer

TERRITORY OF PAPUA AND NEW GUINEA

KAIAPIT Patrol Post.

13th. February, 1958.

The District Officer,
Morobe District,
LAE.

KAIAPIT Patrol Report No. 3 of 9157/1958

PATROL CONDUCTED BY -- D.P. Maroney, Cadet Patrol Officer.

AREA PATROLLED -- MARKHAM HEADWATERS Census Division

PATROL ACCOMPANIED BY --- Europeans --- Nil

--- Natives --- Four as under

No	6111	PA	I/Corp	SAMAR
"	6699		Const	HIKI
"	8640		"	MANIHAM

1 Personal Servant

DURATION OF PATROL -- From the 31st. of January, 1958, to the 11th. of February, 1958.

NUMBER OF DAYS SPENT ON PATROL -- 12 Days

OBJECTS OF PATROL -- 1/. Revision of Census
2/. General Administration
3/. Inspection of coffee

Maroney

(D.P. Maroney)
Cadet Patrol Officer

DIARY

JANUARY, 1958.

- Friday the 31st. Left Kaiapit station by Landrover at 1030 and arrived at the Ufim bridge at 1130. Thence proceeded on foot up the Ufim river for an hour then inland, gradually ascending to NUMBUGU (3,650'a.s.l.). Walking time Ufim bridge to NUMBUGU, 4 hours 20 minutes.
- FEBRUARY
- Saturday " 1st. Villages of NUMBUGU and LANKUAM censused at NUMBUGU. Housing and sanitation inspected at NUMBUGU and a policeman dispatched to inspect LANKUAM.
- Sunday " 2nd. Observed at NUMBUGU.
- Monday " 3rd. 0600 Left NUMBUGU and at 0745 arrived at SAMURA (2,500'). Census and village inspected. conducted
- Tuesday " 4th. 0615 Departed SAMURA and descended to the Biapan river thence ascending a ridge and gradually descending to the Umi river. Ascended to the village of KAPARA (3,000') arriving at 1130. Villagers censused and the village inspected.
- Wednesday " 5th. 0620 Departed KAPARA and after a 2½ hour walk arrived at MARABOI (2950'). Census conducted and village inspected.
- Thursday " 6th. 0630 Departed MARABOI and arrived at YANKOWAN (3,700') after a 2 hour and 20 minute walk. The road gradually ascends and crosses the BEBOI-UMI divide, then descends to YANKOWAN. Census conducted and the village inspected.
- Friday " 7th. Left YANKOWAN at 0750 and arrived at HINGGIA (3,400') 30 minutes later. On to GUSAP (2,750') descending and crossing the Waro river. Censused and inspected village. 1050 Departed GUSAP and arrived HINGGIA at 1130. Village lined and inspected. Departed HINGGIA and arrived at YANKOWAN after a 40 min. walk.
- Saturday " 8th. 0640 Departed YANKOWAN and arrived at RUMPA (2,800') after an hour and 30 min. walk. Census conducted and the village inspected.
- Sunday " 9th. Observed at RUMPA.
- Monday " 10th. 0620 Departed RUMPA and arrived at RAGITSARIA (1,500') after a 3 hours walk. Continued on to WARA RAIS.
- Tuesday " 11th. Departed WARA RAIS to station by Landrover.
- Patrol Completed ----- End of Diary

INTRODUCTION

The patrol was of a routine nature and was carried out without any undesirable incidents. The previous Native Affairs patrol through this area was conducted by Mr. R.R. Haviland, Patrol Officer, during January, 1957. A medical patrol conducted by Mr. F.E. Moller, European Medical Assistant, was in the area at the time of this patrol.

The nearest village to Kaiapit station is LANKUAM

which is about 4 hours walk from the Ufim bridge which can be reached by road. The area is north-west of Kaiapit being part of the Finisterre Range and is drained by the UMI (Upper Markham), UFIM and BEBOI rivers. The area is mountainous but the nine villages vary little in elevation, ranging from YANKOWAN (3,700' a.s.l.) to RUMPA (2,800') -- only 900' difference. The MARKHAM HEADWATERS people are a composite group being comprised of two separate linguistic groups and the area is not populous having a total population of only 635.

This area is exempt from Personal Tax and this patrol was undertaken so as to complete the exempt areas of the Kaiapit patrol area. No patrol to the taxed areas of the Kaiapit patrol post could be affected at that time as all the relevant Tax forms had not been received.

NATIVE AFFAIRS

The general native situation throughout the area is excellent and very few complaints were brought to the notice of the patrol and those that were were only of a marital nature. These marital disputes were dealt with to the satisfaction of the parties concerned. During the hearing of one of these complaints sorcery was used by a third party and he was brought back to Kaiapit and convicted under the Native Administration Regulations.

The patrol was very well received in all villages and the writer was most impressed by the genuine willingness and refreshing helpfulness of the people. These people show little of the arrogance of their neighbours of the Markham plains but at the same time they are comparatively wide awake and have more initiative than the normal run of mountain people. Altogether they are a most genuine, likeable and promising people.

The building of the UFIM bridge, which was completed half way through 1957, has done a great lot for these people. The MARKHAM HEADWATERS people combined with the YAROS people to build this bridge and it has done much, not only in bringing them closer to the Government road, but also cementing the friendship and ties with the YAROS people.

A member of the Mt MOROM group mentioned by Mr. R.R. Haviland, Patrol Officer, in the Kaiapit Patrol Report No 2 of 56/57 was contacted at NUMBUGU village by this patrol. This man seemed friendly, but of course, most unsophisticated. He told me that the group intended to shift down to the old site of NUMBUGU but at present they are four days walk from NUMBUGU's present site. The group is called DAMAGANA and a rough list of the inhabitants were taken and it is estimated that the group has a population of between 45 and 50. As the exact location of this village is not known, it is therefore not known exactly whether the village is at present in the Madang or the Morobe districts but it is believed to be at present in the Wantat area of the Morobe District. The fact that remains that the DAMAGANAN people have not been censused and seem eager to move in to the MARKHAM HEADWATERS division. As contact was already made at NUMBUGU and as the people appear to want to move to the old NUMBUGU site there seemed little point in the patrol visiting their present village. The move to the old site of NUMBUGU is most desirable and it is thought that a visit to DAMAGANAN by this patrol would only serve to put doubts in the people's minds after so few patrols visiting the village. The people may think "why should we move to the old site of NUMBUGU to be near the Government when the Government can come to us as it has just done?". Trade goods were given to the informant and he was given every encouragement to persuade his people to shift down closer to the Markham Headwaters villages.

NATIVE AGRICULTURE AND LIVESTOCK.

The usual variety of native foodstuffs are in the area --- sweet potatoes, bananas, taro, yams, sugar cane and pit-pit. There are also some European vegetables such as potatoes, tomatoes and cucumbers.

At the time of the patrol there was not an abundance of food in the area however it could not be said that there was a shortage. The work on the UFIM bridge has meant that the gardens have not been given full attention. Supplies of food seemed sufficient for needs.

Economic Development.

Coffee was introduced to these people early in 1957. The Native Agriculture Assistant KADA preceded this patrol and inspected and tended the coffee. Most of the coffee trees have been planted in the gardens areas. It is not known whether it is Agricultural Policy to plant coffee in these areas as although the coffee will probably be looked after better by the people, it seems that the yield will not be as great as from trees planted in virgin soil.

There are now 3,261 coffee trees in the area and they all appear to be doing well. Although this figure is not great it is a least a start. The coffee has been planted as follows:---

<u>VILLAGE</u>	<u>NO. OF TREES.</u>
Lankam	265
Numbugu	485
Samura	298
Kapara	206
Maraboi	679
Yankowan	393
Hinggia	306
Gusap	385
Rampa	244
Total	3,261

MEDICAL AND HEALTH.

Mr. F. E. Moller, European Medical Assistant, conducted a medical patrol through the area shortly after this Native Affairs patrol. In the light of Mr. F. E. Moller's report and remarks by me would, I feel, be redundant.

VILLAGES AND HOUSING.

To say the least the housing position in the MARKHAM HEADWATERS division was quite poor. All houses in the villages were inspected and most were found to be quite dilapidated especially in the more eastern villages. Latrines were also inspected and in nearly every case found to be in better condition than the houses.

Housing was generally inadequate for the population, especially in the villages of NUNBUGU and KAPARA. These two villages had only six houses each and average of 16.6 and 3.3 persons respectively per house. Even taking into consideration the comparative large sizes of the houses they were grossly overcrowded. There are 118 houses in the area.

giving an overall average of 5.4 persons per house which is in the circumstances reasonable. However quite a number of these houses were in a poor and insanitary condition.

The standard type of house in the area has bark walls, bamboo leaf roofs and limbo floors. Many houses have several rooms and generally the houses are fairly large when comparing them with houses in other mountain areas. Where necessary housing instructions were given.

VILLAGE OFFICIALS.

The Officials in the area are generally quite poor but there are some exceptions. The Luluai OPA of NUMBUGU and the Tul Tul PEIANO of YANKOWAN are the outstanding V.O's in the Markham Headwaters division. The former did much good work on the construction of the UFIM bridge and PEIANO is an excellent road builder. The knowledge of Pidgin English is fairly general in the area and as can be seen by the list below there is no shortage of V.O's.

Two people were provisionally appointed by this patrol and their names have been forwarded through official channels. The following is a list of the present Village Officials in the MARKHAM HEADWATERS census division:---

<u>VILLAGE</u>	<u>OFFICE</u>	<u>OFFICIAL</u>
LANKUAM	T/T	NABIAS
NUMBUGU	L/L	OPA
	T/T	IABINGI
SAMURA	L/L	SARA
	T/T	DUNDA
KAPARA	L/L	TU-ARI
	A/ T/T	GINI-AWA
MARABOI	L/L	BIHINI
	T/T	PAEWO
YANKOWAN	L/L	PIRIU
	T/T	PEIANO
GUSAP	A/ L/L	AMBASTWI
	A/ T/T	BUMBU
HINGGIA	L/L	KAKIRIA
	T/T	MUNEI
RUMPA	L/L	WAUGA
	T/T	GORKI

EDUCATION AND MISSIONS .

The Lutheran Mission is the only Mission represented in the area. There are schools and churches in the villages of LANKUAM, NUMBUGU, SAMURA, KAPARA and YANKOWAN. The standard in the schools is quite poor but many children are attending the Lutheran Mission school at KAIAPIT where the standard is comparatively high.

ROADS AND BRIDGES.

Tracks in the area are fair and in some areas, such as YANKOWAN, are very good. This division is in the Finisterrae range and is fairly mountainous. However generally the roads are well graded but the maintenance of some leaves a lot to be desired.

When comparing this area with the WAFFA census division the roads are short, well graded and well maintained. The tracks in the western section are superior to those in the more backward eastern sector. Leeches are found in abundance on these tracks.

The people of NUMBUGU and LANKUAM were instructed to build a road to the old site of NUMBUGU when the DAMAGANA people come down. Bridges in the area were not elaborate but were sufficient.

ANTHROPOLOGY.

Nothing of Anthropological interest was noted by this patrol.

INLAND WATERWAYS.

This area is the headwaters of the Markham (Umi) river. However owing to the mountainous nature of the area there are no navigable waterways in the MARKHAM HEADWATERS census division.

CENSUS AND STATISTICS .

A complete revision of the census was accomplished and new village books were issued at every village. The resulting figures are not altogether satisfactory.

The overall natural decrease in the past 12 months is 2 which amounts to a stationary trend. Out of the 9 villages 4 have shown an increase, 1 has remained static, the remaining 4 having a decrease. A large number of deaths (10) were recorded at KAPARA the most unsophisticated village in the area.

Since 1951 there has been a natural increase of 27---- an average of 4 per annum. However three villages have shown a decrease in the past seven years. They are SAMURA -6, KAPARA -8 and MARABOI -10. It seems indicative that these villages are the most backward in the area.

The census was conducted in an orderly fashion in all villages.

CONCLUSION.

The patrol was of a routine nature, of short duration and was carried out without incident. The people of this area are progressing rapidly considering that some villages were first censused only seven years ago. Both the UFIM bridge and the introduction of coffee will be major factors in the development of this comparatively backward area.

L. Mary



TERRITORY OF PAPUA AND NEW GUINEA

17 JUN 1958

30/3/30

PATROL REPORT

District of Morobe Report No. KP. 05 57/58

Patrol Conducted by P. P. HALLMAN

Area Patrolled ANANI CENSUS SUB-DIVISION

Patrol Accompanied by Europeans 1

Natives 4

Duration—From 13/3 / 27/3/58 to 14/4 / 21/4/58 19.....

Number of Days 31 10/5 - 25/5/58

Did Medical Assistant Accompany? No

Last Patrol to Area by—District Services 19.....

Medical / / 19.....

Map Reference 2053 MARAKHAM 4 MILE ANANI STRA

Objects of Patrol (1) CENSUS (2) TAX (3) ROUTINE ADMINISTRATION

P. P. HALLMAN VENG BRIDGE

DIRECTOR OF DISTRICT SERVICES
NATIVE AFFAIRS,
PORT MORESBY.

Forwarded, please

13/6 / 19 58

[Signature]
District Commissioner

Amount Paid for War Damage Compensation £.....

Amount Paid from D.N.E. Trust Fund £.....

Amount Paid from P.E.D.P. Trust Fund £.....

30/3/30

30/9/58 ✓

DNA.BP

P.1395

Department of Native Affairs,

L. E.

11th June, 1958.

The Director,
Department of Native Affairs,
PORT MORESBY.

CAMPING ALLOWANCE CLAIM - R.R. HAVILAND
PATROL NO. 4 OF 57/58.

.... Camping allowance claim for the above
officer is forwarded herewith for signature of person
incurring expense, please.


(D.W. Ashton)
DISTRICT OFFICER.

NA.30-9-128

19th June, 1958.

The District Officer,
L.A.E.

Patrol Report No. 4, 1957/58 KAIAPIT

Receipt of the above mentioned Patrol Report is acknowledged with thanks. The Patrol was of a routine nature and requires no further comments than those contained in the accompanying memoranda.

Mr Haviland has obviously a good appreciation of Native-Mission relationships.

J. K. McCarthy
(J. K. McCarthy)
Director

NA.30-9-128

19th June, 1958.

The Commissioner of Taxation,
Department of the Administrator,
PORT MORESBY.

TAXES

Extract from Patrol Report No. 4 1957/58,
KALAPIT passed to you for information, please:-

" The personal tax was collected in the area. The documents concerned will be forwarded by the first opportunity to the Commissioner of Taxation.

The attitude towards taxation was good. There was, however, no marked enthusiasm to pay, but this is understandable.

Exemptions were given in the case of old people, village officials and those disabled.

I feel, however, that there will be some confusion evident when the receipts are returned for those natives who have paid their tax in other districts. A good example was noted on the Patrol. Native SARIBA no 237 at ANTIGURIN village claimed he had paid his tax in Lae. He produced receipt number 272940 issued in Lae, stating that his name was KWILA. On the receipt his father's name was shown as MIWA, yet in the village book it is shown as MARAMINSEI. There was no obvious similarity between any of the names. Everyone agreed, however, that it was the same man, he'd just changed his name."

The mechanics of tax collection will no doubt sought themselves out.

P. C. K. M.


(J. K. McCarthy)

31/9/28 ✓

Census

The number of males away at work represents 52% of the ablebodied male population. This number is excessively high. I note however, Mr. Havilands remarks that many of these people are casual labourers who are not absent for long periods. The excess of births over deaths is satisfactory; nevertheless keep the position in mind.

Increasing economic activity in this area and better communications should help reduce the number of absentees.


(D.N. Ashton)
A/DISTRICT OFFICER.

17 JUN 1958

MINUTE :


The Director,
Department of Native Affairs,
PORT MORESBY

.... The above report is forwarded for your information, please.

All matters requiring attention are being attended to at district level.

Mr. Haviland has since departed on leave and has been temporarily relieved at Kaiapit by Mr. P. Maroney, Cadet Patrol Officer. A permanent replacement for Mr. Haviland, Mr. J.L. Hastings is expected to arrive within the course of the next few days.

Camping allowance claim is being forwarded under separate cover.


(D.N. Ashton)
A/DISTRICT OFFICER.

DNA. BP

30-1-9/145

Department of Native Affairs,
LAE.

12th June, 1958.

The Officer-in-Charge,
KAIAPIT.

PATROL REPORT No. 4 of 57/58

Tax

For general information, in future please advise the amount of tax collected on patrol. The practice of natives being known by a number of names is widespread and has caused much confusion in the past. With the introduction of personal tax it becomes more important for the people to use one name only in their dealings with the Administration. Please stress on the people the importance of bearing this in mind on future patrols.

Native Economic Development

The present generation have profited from the coconuts planted by their fathers who were compelled to plant a certain number of trees by pre-war field officers. Compulsion is now no longer possible ~~but~~ however encouragement should be given wherever possible for the planting of new groves.

The opening of the road through to Lae and the purchase of trucks and tractors by the natives now permits these people to market their copra and should give them a good source of income. In the event of the price of copra falling below an economic value the nuts still have food value for the people and pigs.

Encourage the people to keep their groves clean especially for the first few years after bearing.

Roads and Bridges

Mr. Haviland has done an excellent job on the Umi and Ufum bridges. Please see that these bridged are maintained in good condition.

I have requested the Department of Works to supply the wire necessary to complete the Ufum Bridge; this should go forward within the next week or two.

Missions

The application for the Coral Sea Union Mission lease at Antigurin has gone forward to Headquarters. Perhaps a little opposition to the Lutheran Mission will result in more progress than in the past.

Agriculture

Please purchase as many native grown vegetables as possible to feed your native staff.

TERRITORY OF PAPUA AND NEW GUINEA

Patrol Post,

KAIAPIT.

2 nd June 1958

The District Officer,

LAE

PATROL REPORT No 4 of 57/58

Area Patrolled	-	AMARI
Conducted by		R. R. Haviland
Duration		18/3-27/3/58 14/4-21/4/58 10/5-25/5/58
No days		31
Objects of Patrol		(a) Census (b) Tax (c) Routine Administration (d) Rebuild UFIM bridges.

Introduction

The AMARI census division lies across the UMI river from KAIAPIT station. The population is in the vicinity of three thousand, the people living on the flat floor of the top end of the MARKHAM valley. The people speak the ATZERA language, and physically, conform to the typical MARKHAM pattern of tall 'plainsmen' types.

The objects of the Patrol were -

- (a) Census
- (b) Tax
- (c) Routine Administration.
- (d) Rebuild two bridges, the UFIM, and a smaller approach bridge near the UMI.

DIARY

18 th March Depart station for UMI bridge camp. Supervising work on preparing deadmen for UFIM bridge.

19 " To NARATUMOA. Census and Tax. Inspection. Return to work on UFIM bridge in afternoon

20 " To WARITSIAN. Census and tax. Inspection. Work on bridge in afternoon.

21 " To ATSUNAS. Census and Tax. Inspection Work on bridge in afternoon.

22 " Work on UFIM bridge.

23 " Sunday Rest

24 " Work on bridge

25 " To RAGITSARIA. Census and tax. Inspection. Work on bridge in afternoon

26 " Tax of MARASSASSA and MARAWASSA. Census and inspection.

27 " Haviland ill from leg infection. Return to station

14 th April Return to UFIM bridge. Started putting cables across.

15 " Work on cables

16 " Work on cables

17 " All cables across and tightened,

18 " Decking attached. Bridge re-opened.

19 " At bridge camp

20 " Sunday rest.

Diary (Cont)

21 st April Attempt to census and tax ^{RAGINAM} ~~RAGITSARIA~~ village.
Leg infection bad again. Return to station.

9 th May Return to repair small bridge damaged by
Administration convoy

10 th May Work on bridge

11 " Sunday rest

12 " Work on bridge. Bridge completed

14 " To WATARAIS to liais with A.D.O. Kainanta over
repair of KASSAM road.

15 " Return KAIAPIT

19 " Return to WATA RAIS

20 " At WATA RAIS

21 " To RAGINAM complete tax and census

22 " To RAGINAM complete tax and census

23 " To RAGITSUMAN. Census and tax. Inspection

24 " To RAGIAPUM. Census and tax. Inspection

25 th" To ANTIGURIN. Census and tax Inspection.
return to KA IAPIT.

End of Patrol

Native Affairs

The situation in this regard is quite good, and there is little to report. The people of the area have been in contact with the station continuously over the last year, owing to the presence of a European Officer being at the UMI and UFM bridges during their construction.

No complaints were laid before the Patrol. One exception was made concerning a debt claimed by MARAN of WANKUN from MARAINUM of RAGIAPUM. However, as the alleged incident had occurred over two years previously, and there had been ample opportunity to settle the matter in the meantime, it was dropped.

TAX

The personal tax was collected in the area. The documents concerned will be forwarded by the first opportunity to the Commissioner of Taxation.

The attitude towards taxation was good. There was, however, no marked enthusiasm to pay, but this is understandable.

Exemptions were given in the case of old people, village officials and those disabled.

I feel, however, that there will be some confusion evident when the receipts are returned for those natives who have paid their tax in other districts. A good example was noted on the Patrol. Native SARIBA no 237 at ANTIGURIN village claimed he had paid his tax in Lao. He produced receipt number 27294C issued in Lao, stating that his name was KWILA. On the receipt his father's name was shown as

Native Affairs (Cont)

MIWA, yet in the village book it is shown as KARAMINEI. There was no obvious similarity between any of the names. Everyone one agreed, however, that it was the same man, he'd just changed his name.

#

Native Economic Development

The AMARI area is renowned for its coconut groves. Many of these are old, and no longer bear. All villages are situated in groves. There have been considerable plantings of new groves. There would now be approximately 16,000 new palms planted in the area.

Roads and bridges

The main road from LAE to KAINANTU passes through the area. This is maintained by the people. These people have, in the past expended a considerable amount of time and energy in road construction. They were involved in the construction of the road over KASSAM pass in 52-53.

Formerly, the UMI river has been a considerable barrier between this area and the rest of the Sub-district, and during the wet, more or less cut them off completely.

A bridge has now been constructed over the river in the gorge, which improves access considerably. This bridge is of the swinging type, and is 137 ft long. It is capable of taking landrovers and tractors. The Administration convoy went over the bridge, taking even three ton trucks, though this is not recommended as a permanent practice.

During the patrol, a fair amount of time was spent on bridge construction.

The UFIM bridge, which is part of the project, had to be replaced. This was originally constructed in timber. However, as the span was 70 ft, it was not surprising that it lasted only a few months. It was decided to replace it with a bridge of the swinging type, similar to the UMI. Wire was obtained from Lae, and after some delay owing to hold ups with regard to materials, the job was finally completed during the patrol. This bridge was rather severely tested when the convoy went through, as three ton trucks were taken over it. This is also not recommended as a permanent practice.

The convoy broke a small bridge near the UMI, and this also had to be replaced. Originally, this was a fifty feet timber span, but by filling in the abutments, the span has been shortened to about 30 ft. This has made it much stronger.

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Native Affairs (Cont)

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Formally, the UMI river has been a considerable barrier between this area and the rest of the Sub-District, and during the wet, more or less cut them off completely.

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The convoy broke a small bridge near the UMI, and this also had to be replaced. Originally, this was a fifty feet timber span, but by filling in the abutments, the span has been shortened to about 30 ft. This has made it much stronger.

Roads and bridges.

The whole project, which was started in March 1957, has now been completed. I feel the native people who worked on the job deserve to be congratulated on their efforts. There was a lot of hard work and it was willingly undertaken. The actual road over the UMI and UFIM bridges, still needs some improvement. However, at this stage, it can be accomplished by steady maintenance.

Drills and explosives have been obtained for blasting, and it is expected that this work will be undertaken in the near future. Application has been made to the D.C. Lae for funds for maintenance in order to keep a permanent line on the job.

At the other end of the main road, the Eastern Highlands have undertaken to maintain the KASSAM road on a permanent basis.

At the present time, they have hired 30 labourers, and have a grader station on the job. This will make a big improvement and take a considerable amount of work from the AMARI people.

Roads through the villages, and all minor bridges, were, with only one or two exceptions well maintained.

Some work was done on the road to GUSAP strip.

Medical and Health

Health in the area was good. Particularly among the children. There is a first aid clinic at MARASSASSA which serves the area. The completion of the bridging project will mean a big thing in the realm of health, as it will enable the sick to be taken to hospital even in the wet. No cases of child neglect were noted.

Housing and hygiene

Generally good, though in one or two cases this was not so. Raginam was the worst, and the people cleaned up under supervision and given a warning.

Education and Missions

There are now two missions operating in the area. Till about a year ago, the area was a definite Lutheran stronghold. The Seventh Day Adventist mission from KAINANTU, however, has commenced operations at ANTIGURIN. They have applied for a lease.

There is little ill feeling as yet among the people over this new development, but unfortunately, it may occur. The Lutherans, of course, claim the the Sevendays are encroaching on what is in effect, an established congregation. The Sevendays, of course, will not accept this, as they hold that the world is their mission field.

Personally, I feel that it will be a good thing. For one main reason; it will speed up the teaching of English. The new mission already has a Papuan teacher stationed there, and

Education and Missions (Cont)

have been holding classes for some time.

Formally, the Lutheran mission taught only in the vernacular and in YABIM. The people have a definite desire to have their children taught English. The Lutheran teachers have in the past always been a pretty mediocre lot.

To put it crudely, if the competition for souls really gets under way, English will be a major factor. If it all results in a higher standard of teaching and education, then that is all to the good. Even at the expense of a little ill feeling.

Village Officials.

Satisfactory

Police

Accompanying members of the R.P.&N.G.C. carried out their duties satisfactorily. L/Cpl ASAGUM and Const SASU, in particular deserve great praise for their assistance in the bridge building projects.

Navigable waterways

NIL

Agriculture and Livestock

Food is plentiful in the area, and of good quality. A few European type vegetables are being grown. With the bridge in, the people wish to take advantage of being able to sell native food to the government.

Airstrips

GUSAP airstrip is in the area concerned. This is maintained by the people. Funds to the extent of £100 a quarter being available. This payment was made to the people concerned during the patrol.

Census and Statistics

A census was taken of the area, and the figures are attached hereto. The total population of the area is now 3180. Births exceeded deaths by 77 over the two year period. The number of males away at work is 420. This may seem excessive, but it must be pointed out that many of these are casual labour employed in Lae, KAINANTU and GOROKA. Generally these men are not absent for very long periods, and come and go frequently.

.....R.R. Navila

ion Register

Area Patrolled.....

No.	ABSENT FROM VILLAGE								LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL
	AT WORK				STUDENTS				Males		Females		Pregnant	Number of Child Bearing Age		Child		Adults		
	Inside District		Outside District		Govt.		Mission		10-16	16-45	10-16	16-45				M	F	M	F	
	F	M	F	M	F	M	F	M	F	10-16	16-45	10-16	16-45				M	F	M	
1	34	10	15	2					25	95	41	73	2	61	15	62	50	55	81	308
2	26	5	10		2		10		14	97	16	36	2	63	2	37	44	60	73	327
3	12	6	11						22	79	10	64	1	50	2	70	64	59	70	393
4	25		25	2					30	90	15	87	2	74	1.6	76	70	53	104	364
5	6		9						13	55	10	34	1	28	15	21	20	22	41	126
6	15	1	18	2					15	45	14	76	1	59	17	54	56	50	73	271
7	20	2	20	1					22	42	16	90	2	65	15	59	42	27	60	325
8	31	3	33	1					34	54	29	72	3	93	15	95	72	69	83	487
9	18	4	17						20	67	14	62	2	56	17	45	42	54	70	241
10	19	2	22	1					20	57	9	64	1	52	14	34	30	45	74	243
11	17	1	12						13	64	7	50		44	15	27	32	51	26	257
																				(130)
12	30	1	9	6			10		29	86	15	71	21	64		62	56	57	65	310